



## Preliminary Information

### PIP5744 Bolt EV Transmission Fluid Leak at Drain Plugs

#### Models

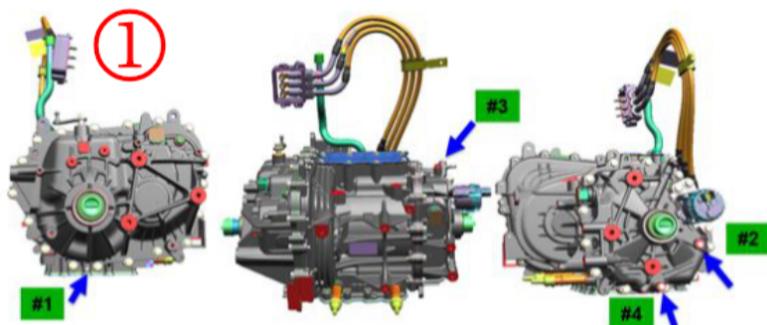
Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Bolt	2020	All	All	All	All

Involved Region or Country	North America
Condition	While performing other repairs or inspections, the technician may notice a small transmission fluid drip around the drain plug. There may be oil found in the air deflector panel upon removal. At this time, customers are not likely to observe this issue directly.
Cause	Drain plugs did not meet dimensional requirements.

#### Correction:

Tighten the plugs as shown below.

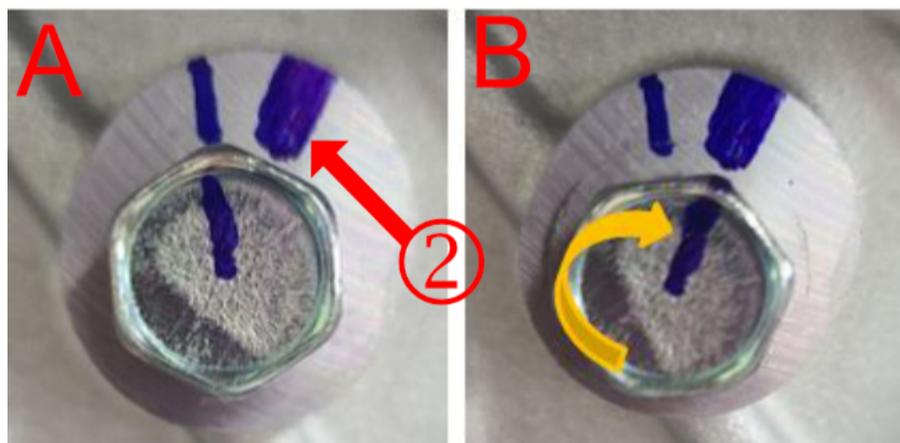
Contact GM Technical Assistance via DCM to advise that a Bolt EV was found with this condition for documentation. Use the suggested labor operation code below for air deflector removal (1430300).



1) Purpose : Increase engagement of one thread pitch (4.5 - 5.5) and sealant (1-1.5 2-2.5pitch) by additional tightening (Rotation Angle : 380 - 400 degrees)

Retrofit plugs (4 locations)

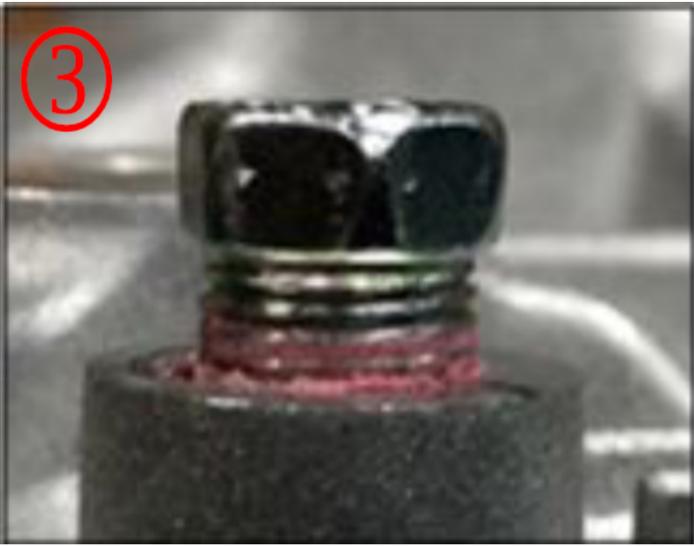
- 1 plug on gear box (#1)
- 3 plugs on end cover (#2,#3,#4)



A) Inline Plug and cover for start point

B) Position of plug line to be in marked range

2) Limit band for final angle.



3) See Steps below:

Step1 : Ensure minimum of 1 thread of sealer is visible

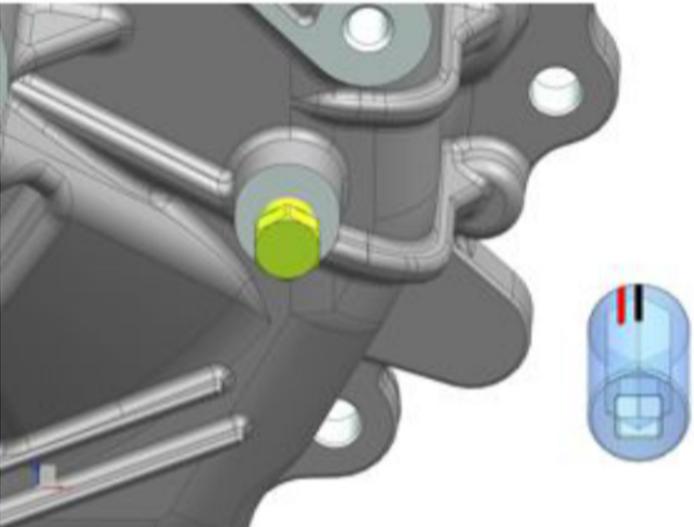
(Units without 1 thread will be set aside)

Step2 : Make line on plug head and cover with alignment for start point.

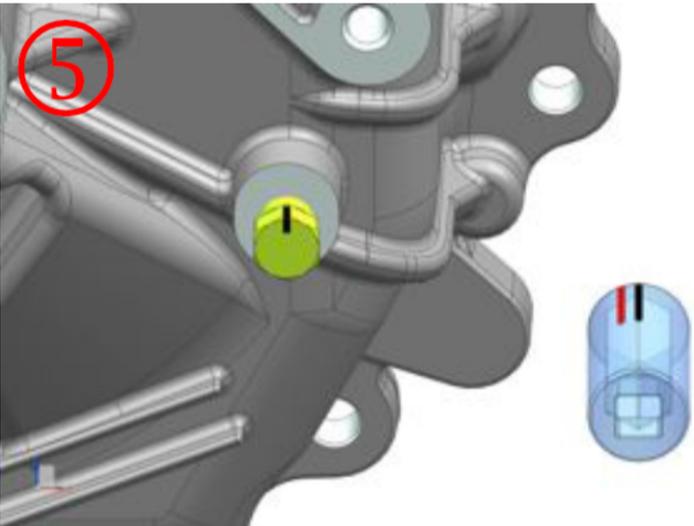
Step3 : Tighten with torque wrench by rotating 380-400 deg.

Step4 : Check the line is within angle limit band.

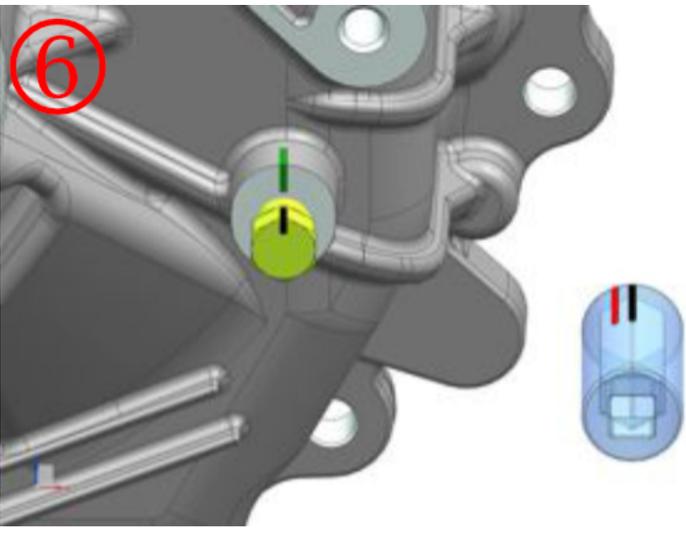
Step5 : Record checking results and torque value



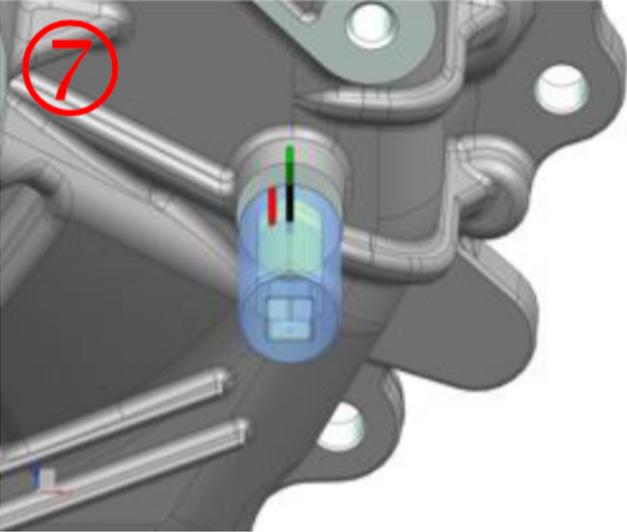
4) Wrench socket has two lines.



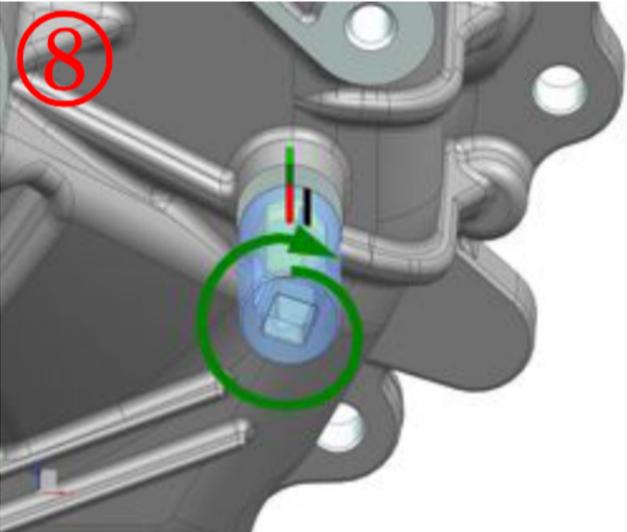
5) Mark on plug edge.



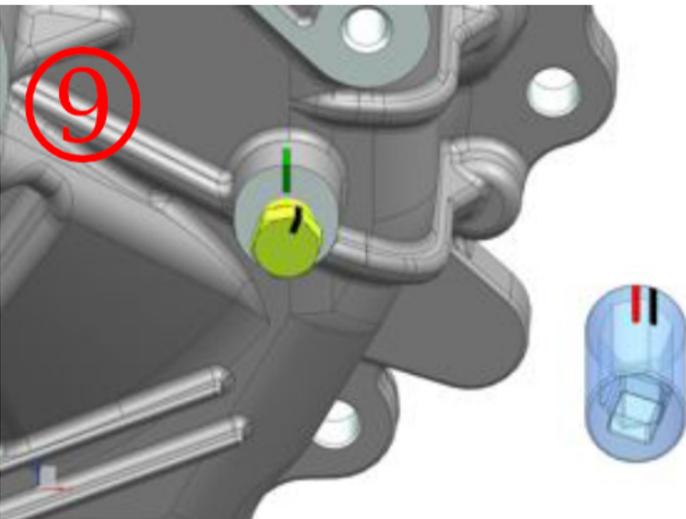
6) Mark on cover / gearbox.



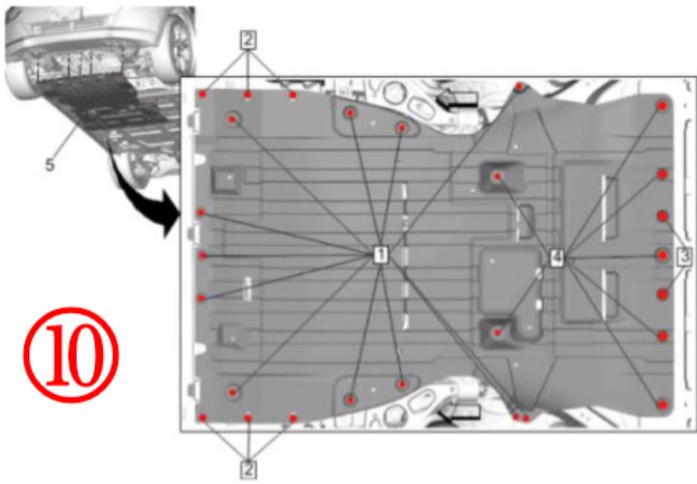
7) Align black line on the socket to park marking.



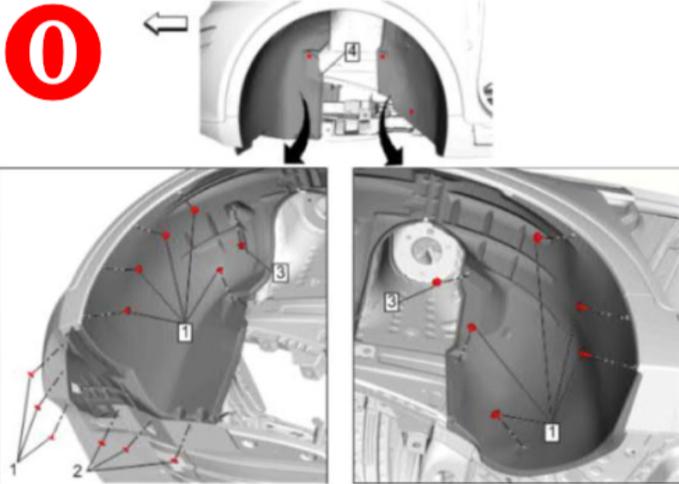
8) Tighten the plug 380-400 degrees (until red line meets cover marking).



9) Remove the wrench socket and check the angles of parts marking.



10) To gain access for inspection of plug 1 remove front compartment air deflector. (See also SI Service Document 4533740).



0) To gain access for inspection of plugs 2, 3 and 4 remove left front wheelhouse liner. (See also SI Service Document 4533734)

Warranty Information

For vehicles repaired under the EV coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
1430300	Air Deflector Removal	Use Published Labor Time
For additional time not covered by Front Air Deflector Removal use OLH:		

Version History

Version	1
Modified	6/26/2020 - Created



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