



# Service Bulletin

File in Section: -

Bulletin No.: 18-NA-080

Date: March, 2018

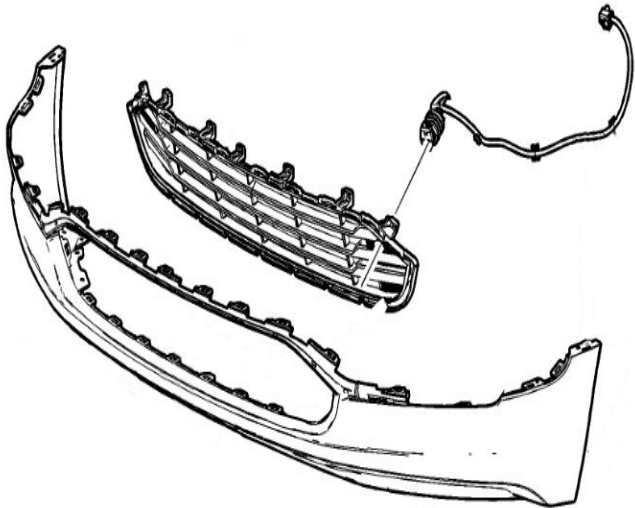
## TECHNICAL

**Subject:** Diesel Engine Oil Heater Not Installed

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Equinox	2018	2018				LH7
GMC	Terrain						

<b>Involved Region or Country</b>	North America
<b>Condition</b>	Some customers may comment that their vehicle doesn't have an engine oil heater and would like a heater installed:
<b>Correction</b>	<p><b>Important:</b> Please inform the customer that the engine oil heater should be plugged in a minimum of three hours prior to starting the vehicle.</p> <p>If a customer is in area of extreme cold, it is recommended that they install an engine oil heater. This will provide easier cold starting and better protection for the engine at extremely low temperatures. For additional oil requirements, refer to Vehicle Service and Care in the vehicle's Owner's Manual.</p>

### Service Procedure

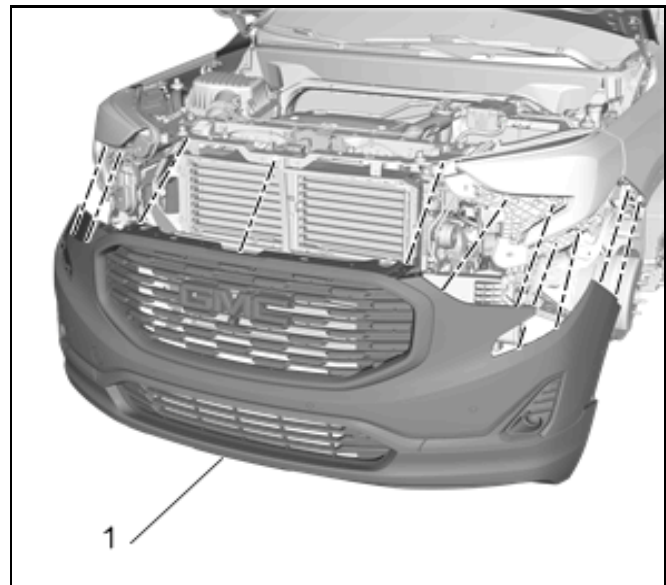


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**Important:** An optional front lower grille with a pre-formed mounting hole for the access plug, can be installed at customers expense if they do not want the grille drilled into. Refer to Bumper/Front Part 2 Fascia in the EPC.

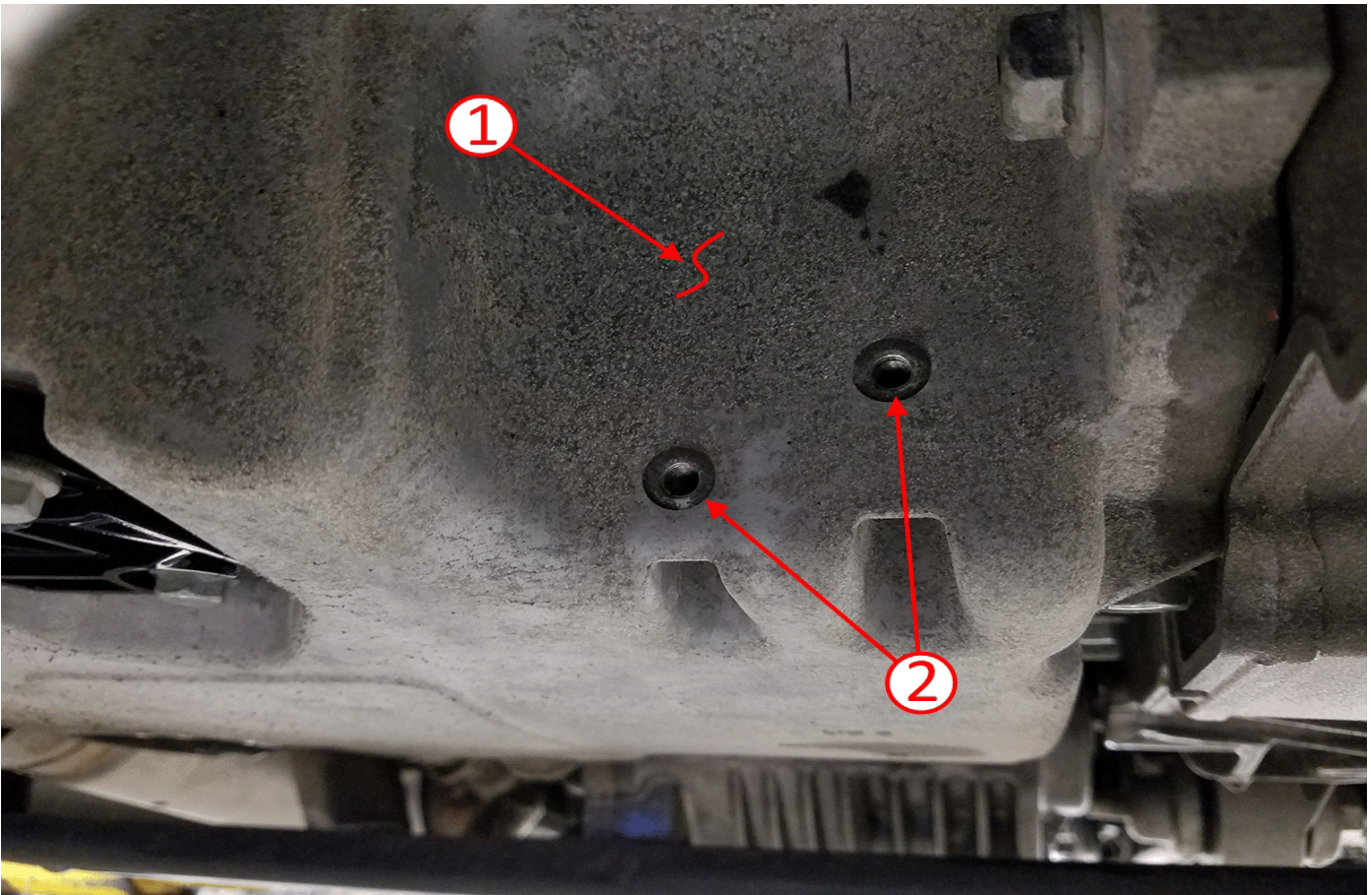
Using the parts listed below, follow this procedure to install the engine oil heater.

**Note:** This installation was performed on a Terrain, Equinox similar.



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1. Remove the front fascia (1). refer to Front Bumper Fascia Replacement in SI.
2. Raise and support the vehicle.



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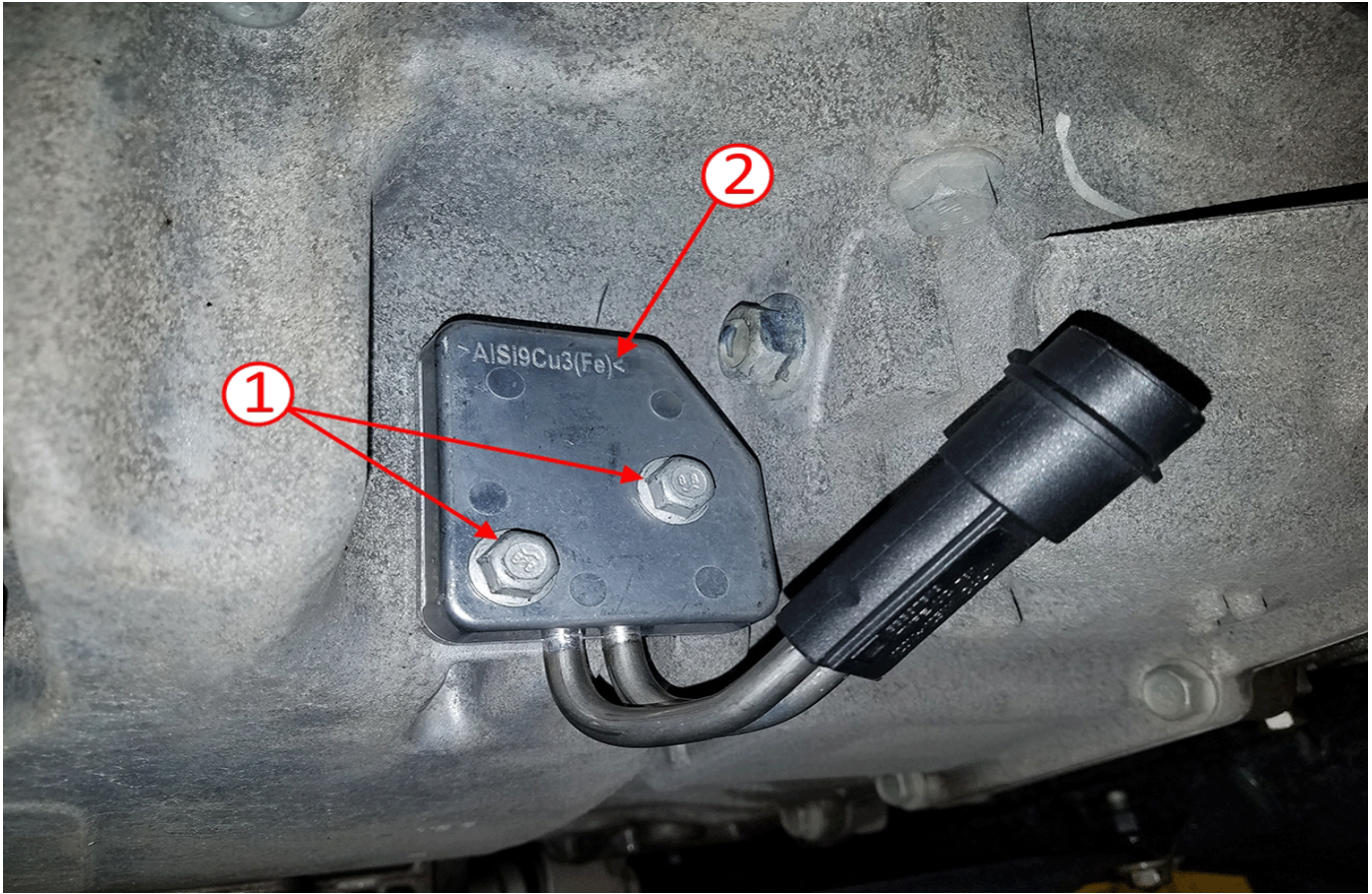
3. Clean the oil pan surface of oil and debris (1) and wipe dry with a clean lint-free towel prior to installing the heater.
4. Verify the oil heater mount bolt holes are free or debris (2).





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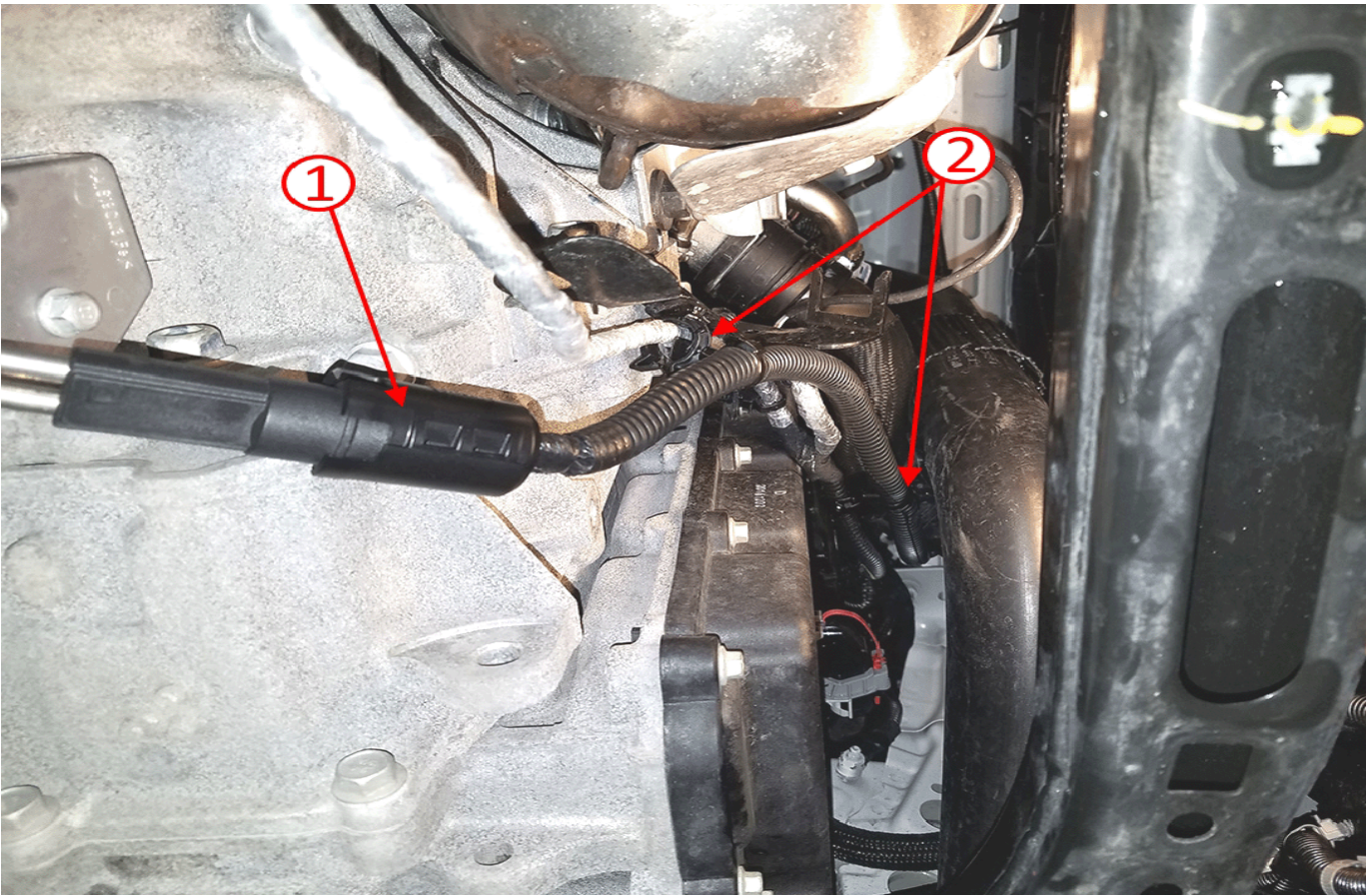
5. Apply a thin bead of GM Super Lube® with PTFE, P/N 12371287 (in Canada, P/N 10953437) or equivalent, non-melting high thermal silicone paste to the backside of engine oil pan heater.



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6. Install the oil heater (2) to the oil pan.
  - Torque the bolts (1) to specifications. Refer to Fastener Specifications in SI.

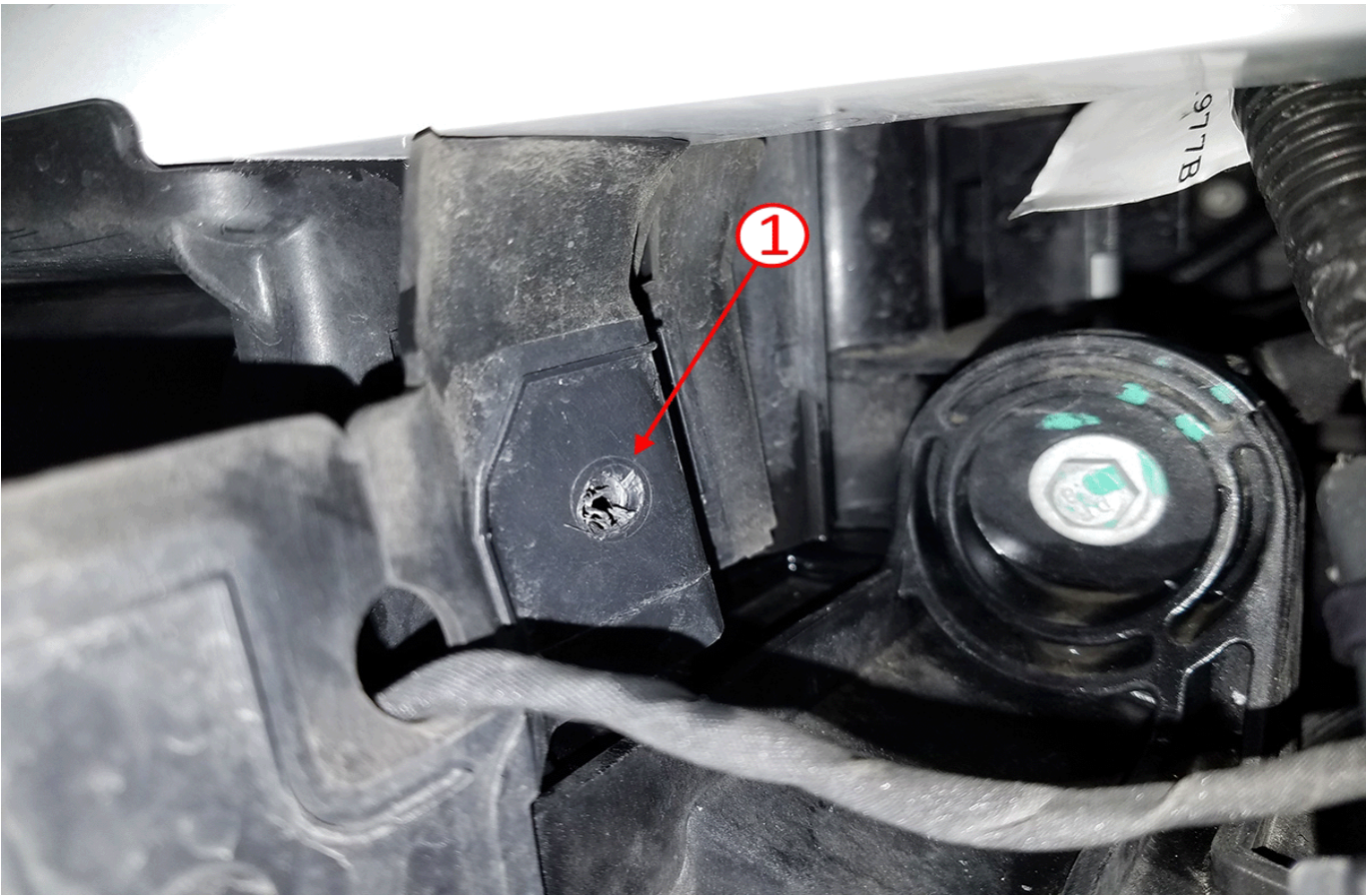




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7. Connect the oil heater electrical connector (1).
8. Route the wiring harness along existing wiring harness (2).

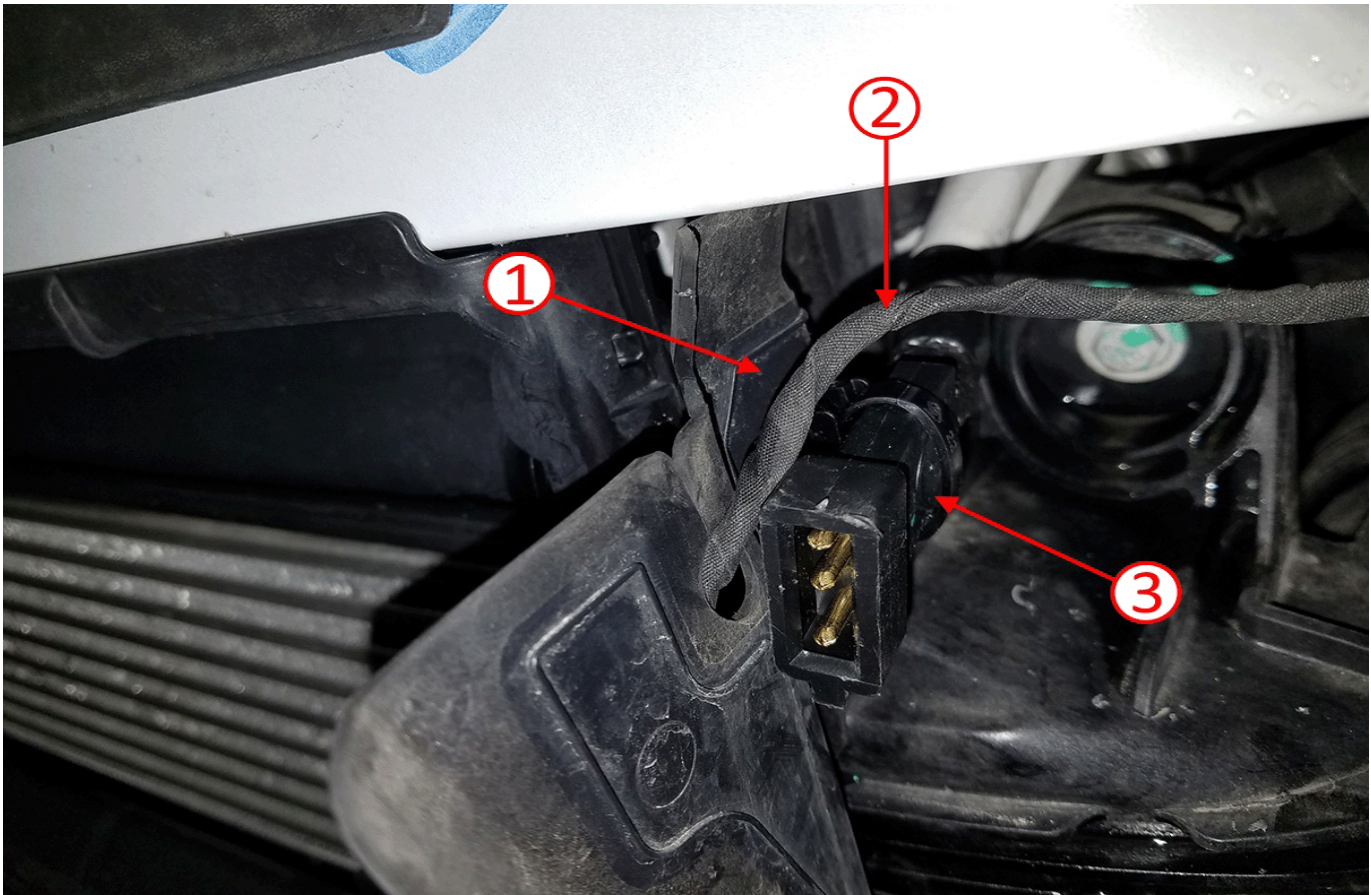
**Note:** Position the harness towards the wiring harness under the UBEC to allow for easier access when the vehicle is lowered.



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9. Route the plug between the charge air cooler tube and bumper.
10. Using care, drill a hole in the charge air cooler side baffle (1).





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11. Install the heater side harness electrical connector (3) to the anchor point at the baffle (1).
12. Route the temperature sensor harness (2) above the heater harness.



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**Note:** It is recommended to create a pilot hole on the driver's side of the lower charge air cooler grille.

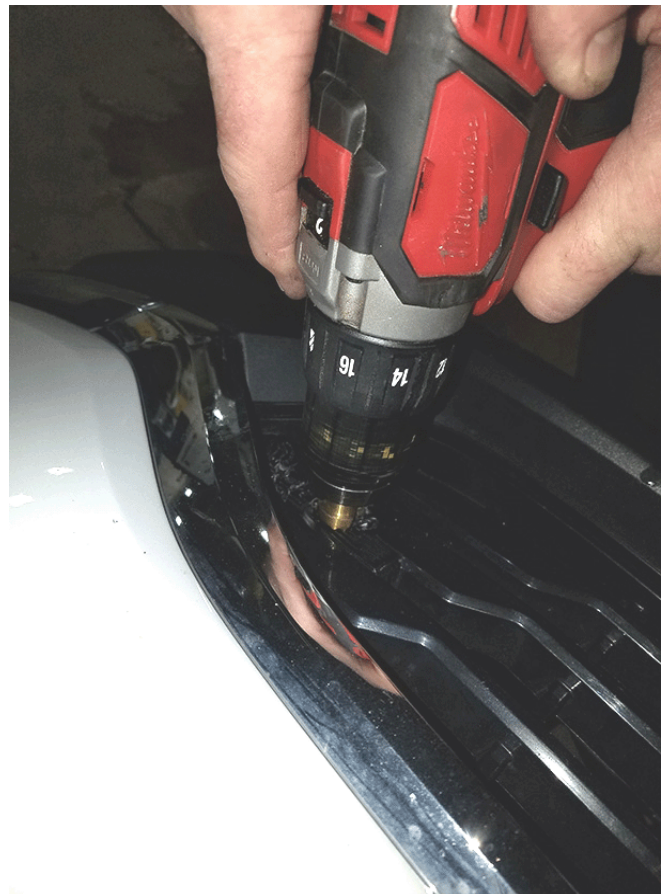
13. **For Terrain**, validate area to mount the heater cord access plug.





14. For the Equinox, validate area to mount the heater cord access plug.

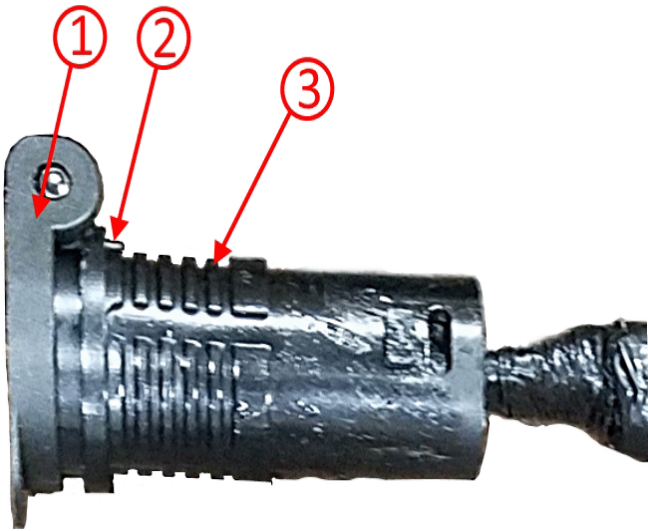
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15. Using care, drill a 1-inch hole.



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16. Cut a small notch at the top of the hole for the alignment guide (2) on the access plug.



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17. Feed the access plug wiring harness through the hole.





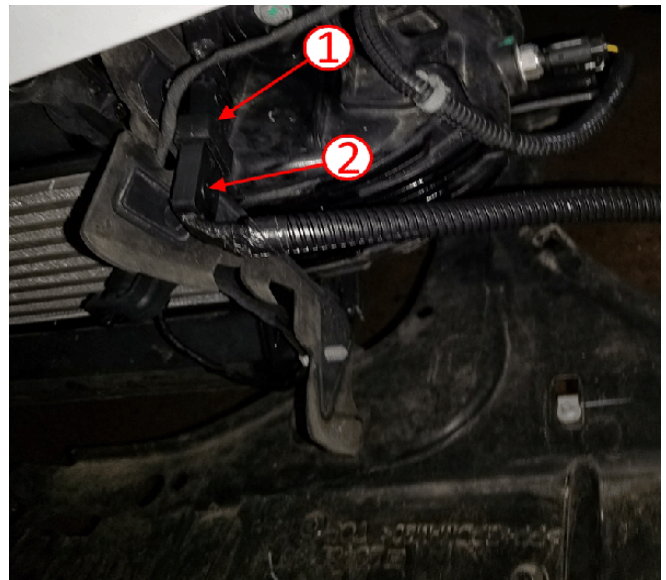
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18. Align the access plug guide with the notch and verify if the plug sits flush against the grille.



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19. Install the spring collar (1), spring (2), and lock (3) in that order onto the plug.  
20. Secure the wiring harness to the fog lamp wiring harness allowing enough harness to reach heater side wiring harness.

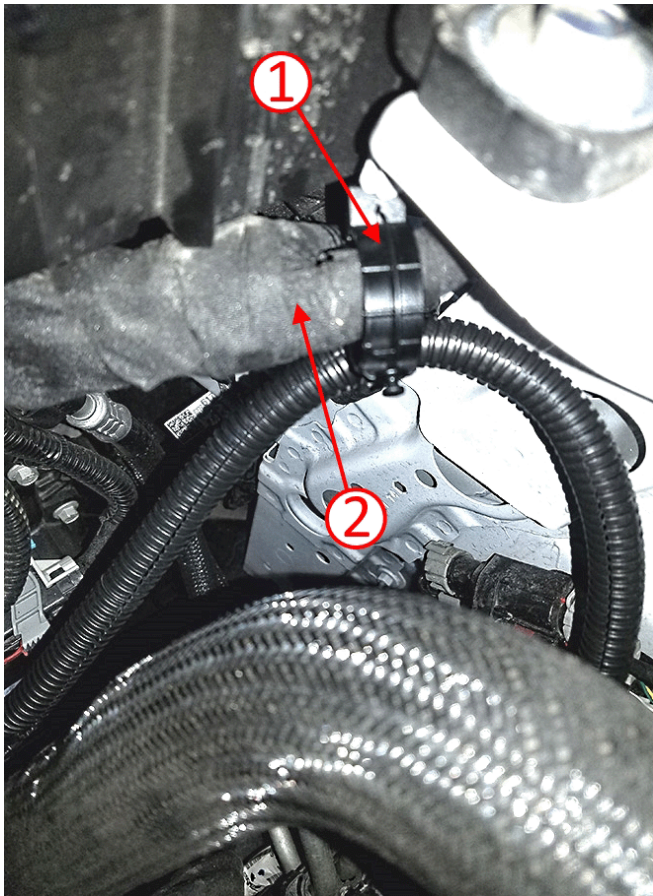


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21. With the aid of an assistant, install the front bumper fascia.



- 22. Connect the access plug wiring harness connector (2) to the heater side wiring harness connector (1).
- 23. Lower the vehicle.



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- 24. Secure the heater wiring harness clip (1) to the engine wiring harness (2) under the UBEC.



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- 25. Test for proper operation.
- 26. Store the engine oil heater cord inside the trunk.

**Parts Information**

Causal Part	Description	Part Number	Qty
N/A	HEATER, ENG OIL	55597519	1
N/A	RETAINER, ENG COOL HTR CORD CONN	11518792	1
N/A	BOLT, HFH, M6X1X35,18 THD,14.2 OD,8.8, GMW3359,5MM M POINT	11588715	1
N/A	CORD, ENG COOL HTR	23291977	1
N/A	HARNESS, AUX HTR WRG (BUILT PRIOR TO 16FEB2018)	23332702	1
N/A	HARNESS, AUX HTR WRG (BUILT ON OR AFTER 16FEB2018)	84363639	1
N/A	CABLE, ENG COOL HTR EXTN	23339828	1
N/A	GM Super Lube® with PTFE	12371287 (in Canada, P/N 10953437)**	1

\*\*There is enough material to do additional vehicles. Store the remaining material for future use.

**Warranty Information**

Please advise the customer that the engine oil heater can be purchased as an accessory. Installation and/or cost of the heater will not be covered under the vehicle's warranty.



Version	1
Modified	Released March 13, 2018

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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