

 Tesla, Inc. Service Bulletin		<i>Inspect Radiator Outlet Hose</i>	
SB-23-18-006 October 10, 2023			
Classification		Section/Group	Mobile Service
Campaign Bulletin		18 - Thermal Management	Can Perform (where permitted)
Configuration			
	All		
Model Year	Model	Country/Region	Build Location
2023	Semi	United States	Giga Nevada
The model(s) and model year(s) listed are a general approximation of the affected VIN list. Refer to the VIN/Bulletin Tracker or Customer/Vehicle profile to determine applicability of this bulletin for a particular vehicle.			

Campaign Bulletin: This campaign bulletin addresses a non-safety-related condition and provides recommended technical diagnosis and repair procedures. Apply this procedure to the applicable vehicles.

Condition

On some Semi, the radiator outlet hose may rub against the cooling fan module (CFM), which may damage the hose.

Correction

Inspect the vehicle for symptoms related to the condition. If symptoms are present, replace the radiator outlet hose. Afterwards, install a coolant hose bracket on the CFM regardless of the symptoms observed.

Correction Description	Correction	Time
SB-23-18-006 Not Applicable	S012318006	0.00
Inspect Radiator Outlet Hose; Install Hose Bracket On Cooling Fan Module	S022318006	0.18
Inspect Radiator Outlet Hose; Replace Hose And Install Hose Bracket on Cooling Fan Module	S032318006	0.84

	Part Number	Description	Quantity
Parts Required	1968876-00-A	BRACKET, RAD OUTLET TO CFM	1
	1018783-00-B	CABLE TIE,50LB,11.8,PA66,BLACK	1
If Necessary	1637253-00-C	HOSE, RADIATOR OUTLET	1

These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the [Parts Catalog](#).

Shop Supplies	39F869	JB Weld PlasticWeld (via Grainger punch-out)
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Procedure

1. Chock the LH front wheel.
2. Open the hood.
3. Inspect the LH end of the radiator outlet hose where it passes over the LH CFM bracket (Figure 1). Look carefully for signs of damage, especially if the hose contacts the LH CFM bracket (Figure 2). Possible damage includes chafing (Figure 3) or coolant leakage (Figure 4):



Figure 1



Figure 2



Figure 3

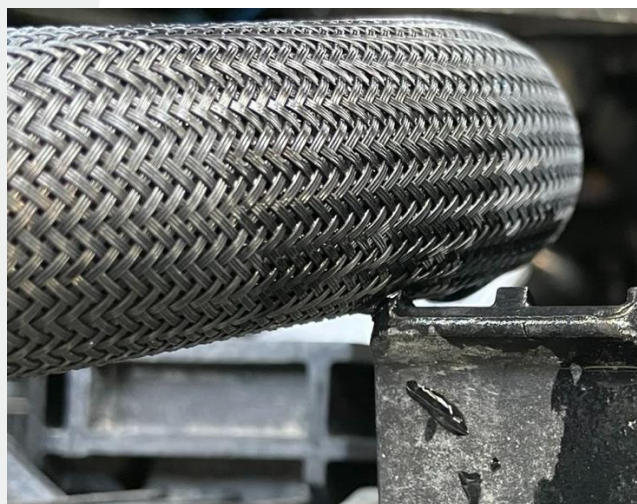


Figure 4

- If damage to the radiator outlet hose is found, replace the hose (refer to Service Manual procedure [1830020241](#)), and then continue to the next step.
- If the radiator outlet hose is undamaged, do not replace it. Skip to the next step.

4. Slide the cable tie through the upper recess in the coolant hose bracket, as shown in Figure 5.

 **NOTE:** Align the cable tie so that when the cable tie is fastened in a later step, the locking head is facing up and away from the coolant hose bracket (Figure 9)

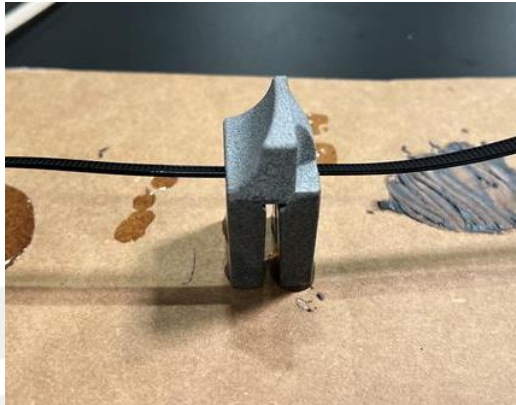


Figure 5 – Run the cable tie perpendicular to the concave feature at the top of the bracket

5. Mix the JB Weld PlasticWeld as instructed on the product packaging.

 **WARNING:** Read the product packaging thoroughly and follow any guidance on safety and Personal Protective Equipment (PPE).

6. Apply the adhesive to all outer side surfaces of the bracket legs (Figure 6).

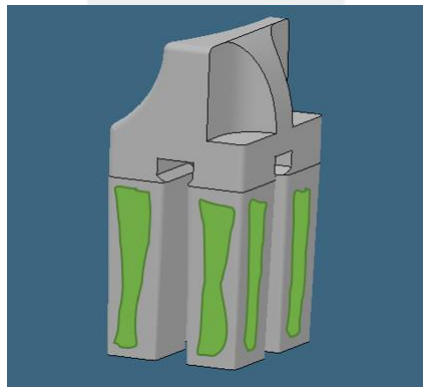


Figure 6 – Also apply adhesive to the 2 other sides (not shown in this image)

7. Position the coolant hose bracket in the LH CFM bracket, making sure the concave feature at the top of the coolant hose bracket supports the radiator outlet hose (Figure 7).

 **NOTE:** Push the bracket all the way down, until it goes no further, and then wipe off any excess adhesive.

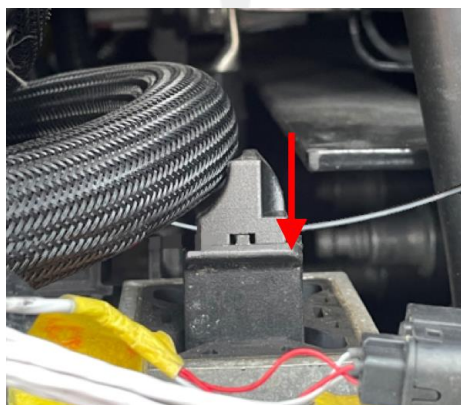


Figure 7
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8. Allow the adhesive to set for 5 minutes.
9. Fasten the cable tie around the radiator outlet hose (Figure 8), and then cut off the excess cable tie (Figure 9).

 **NOTE:** Make sure the cable tie locking head is facing away from the coolant hose (Figure 9).

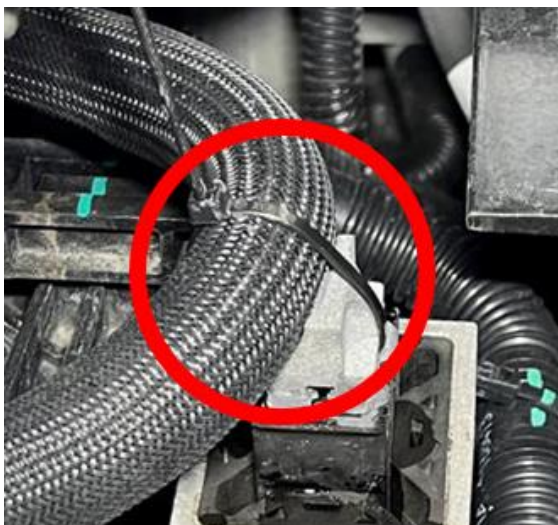


Figure 8

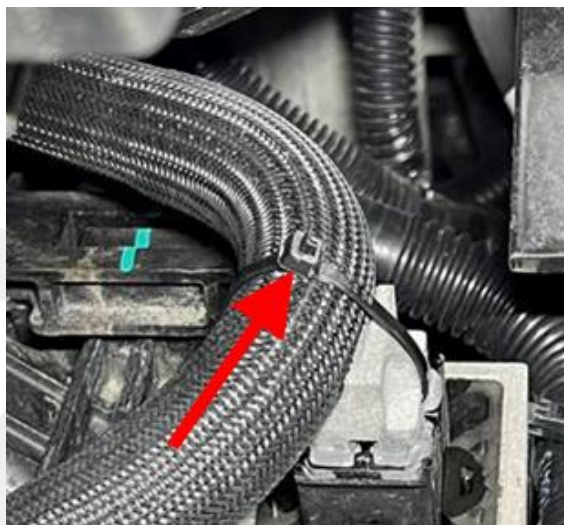


Figure 9

10. Close the hood.
11. Remove the wheel chocks from the LH front wheel.