



## HVAC Outlet Duct Upgrade

<b>Classification:</b>	Parts Bulletin	<b>Section/Group:</b>	18 - HVAC	<b>Country/Region:</b>	Global
<b>Year:</b>	All	<b>Model:</b>	Roadster	<b>Version:</b>	All

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**Bulletin Classification:** *Parts, this bulletin is issued to address various parts related topics regarding the operation of Tesla vehicles that include part changes, supersession, and authorized modifications.*

**Condition:** Use this information to upgrade the Heating, Ventilation, and Air Conditioning (HVAC) dual heater and cooling outlet for better airflow and efficiency. Symptoms include a lack of heat in the driver's side foot well even though hot air is exiting from the lower duct. Due to the location of the lower duct, outlet air flow is restricted from entering the driver's side.

**Correction:** Install the additional ventilation outlet duct tube for improved airflow to the foot well area.

**Procedure:** Refer to the Service Manual as needed and follow the outlined instructions to complete upgrade.

**NOTE:** This procedure can be performed on both LHD and RHD vehicles.

The Roadster Dual Heater Cooling Outlet Kit includes a pre-cut dual heater/cooling outlet tube, 2 screws, and 2 self adhesive mounting clips (Figure 1).



Figure 1

1. Start the 2 self tapping screws in the duct tube with a few threads to hold in place. The screws should be positioned approximately 30mm apart and 10mm from end of duct tube (Figure 2).



Figure 2

2. Shape the end of the inlet side of the duct tubing to form fit the air plenum outlet. The outlet side of the tube should be kept round with no modification needed (Figure 3).



Figure 3

3. Push the shaped end of the duct tube as far over the air plenum outlet as possible. Make sure there is a good seal around the duct.
4. Ensure the duct tube is clear of all wiring and is flush with the center console side panel.
5. Attach the duct tube to the air plenum outlet with the two screws.

6. Tighten the screws until the tube is secure and flush with housing (Figure 4).

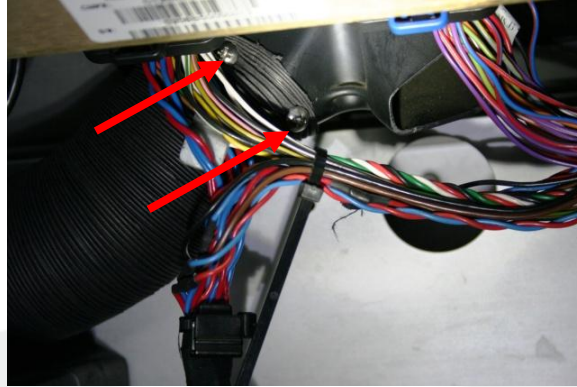


Figure 4

7. Route the tube to direct the airflow towards the driver's footwell area (Figure 5).

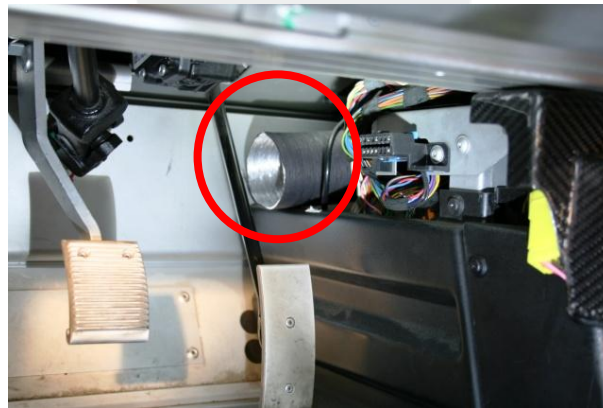


Figure 5

8. One mounting clip is placed horizontally and the other mounting clip is secured to chassis tub wall. Secure each mounting clip with the self adhesive base and bend clip tabs to secure duct tube (Figure 6).



Figure 6

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**Affected Parts**     1019502-00-A     Dual Heater/Cooling Outlet Upgrade Kit, Roadster

\* KIT-SB1218003-01 / CABIN AREA HVAC UPGRADE

**Warranty/DMS Coding:**

Description	Complaint	Cause	Correction
Installation of HVAC Duct Tube Upgrade	A091	B053	S011218003

\* **NOTE:** Use reference number KIT-SB1218003-01 for DMS part entry.