



## Inspect Position of A/C Condenser Pipes

<b>Classification</b>	Campaign Bulletin	<b>Section/Group</b>	18 - Thermal Management	<b>Country/Region</b>	All
<b>Year</b>	2016	<b>Model</b>	Model X	<b>Version</b>	All

**Bulletin Classification:** *This repair bulletin provides instructions and guidelines for a noted condition or a customer concern. The information provided can address a broad range of known or perceived issues with the operation of Tesla vehicles. This bulletin might not be VIN-specific. These instructions assume knowledge of motor vehicle and high voltage electrical component repairs, and should only be executed by trained professionals. Tesla Motors assumes no liability for injury or property damage due to a failure to properly follow these instructions or repairs attempted by unqualified individuals.*

### Condition

On some Model X vehicles, the A/C condenser pipes might have been installed on the incorrect condenser ports. This might cause poor or no A/C cooling performance, slow Supercharging, and/or noise from the condenser pipes touching the front suspension sway bar.

### Correction

Inspect the A/C condenser pipes for proper installation. Reinstall the A/C condenser pipes in the correct positions, if necessary.

Correction Description	Correction	Time
Vehicle Inspection Only; A/C Condenser Pipe Repositioning Not Required	S011618002	0.05
Reposition A/C Condenser Pipes And Replace Desiccant Bag	S021618002	1.35

Required Part(s):	Part Number	Description	Quantity
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**If required:**

1048528-00-A	MX, CFM, COND, IRD SERVICE KIT	1
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This part number was current at the time of publication. Use the revision listed or later, unless otherwise specified in the Parts Manual.

## Procedure

1. Raise and support the vehicle (refer to Service Manual procedure 10000205).
2. Inspect the A/C condenser pipes through the port in the mid aero shield panel:

**NOTE:** The compressor discharge pipe (shown in blue) should be connected to the upper port on the condenser (Figure 1).

- If the A/C pipes are installed correctly (Figure 2), no further work is required. Lower the vehicle and discontinue this procedure.
- If the A/C pipes are reversed (Figure 3), continue to the next step.

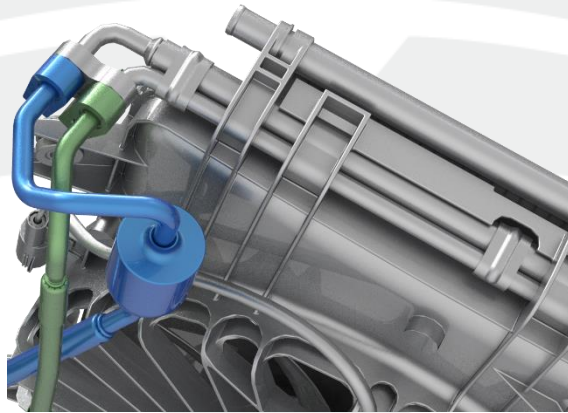
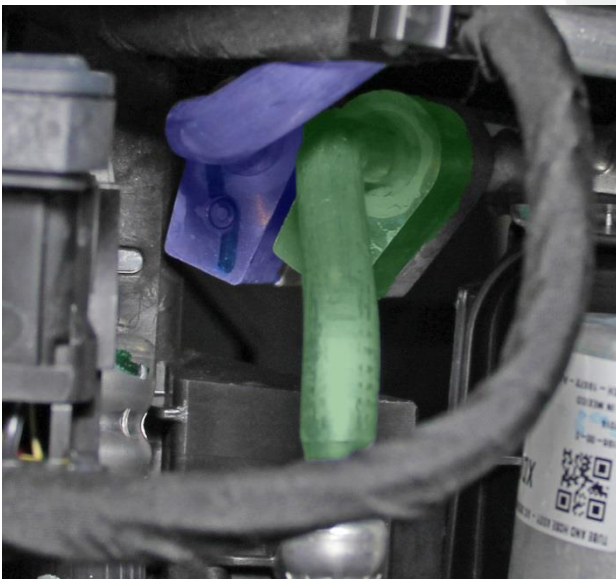


Figure 1



✓ Figure 2 (A/C condenser pipes highlighted)



✗ Figure 3 (A/C condenser pipes highlighted)

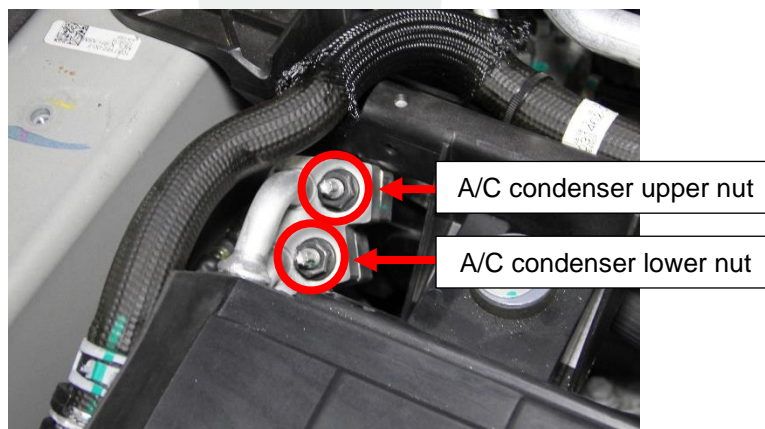
3. Remove the mid aero shield panel (refer to Service Manual procedure 12030502).
4. Replace the desiccant bag (refer to Service Manual procedure 18202002).
5. Reinstall the lower front fascia.

6. Reinstall the mid aero shield panel.
7. Lower the vehicle.
8. Remove the underhood storage unit (refer to Service Manual procedure 15240702).
9. Remove the 2 bolts that secure the cooling fan module assembly to the body (Figure 4) (torque 12 Nm).



**Figure 4**

10. Remove the 2 nuts that secure the pipes to the A/C condenser, and then install the pressure pipes correctly (Figure 5). Torque the A/C condenser upper nut to 10 Nm and the lower nut to 20 Nm.



**Figure 5**

11. Reinstall the components that were removed for access.
12. Recharge the A/C refrigerant (refer to Service Manual procedure 18200102).

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**Affected VIN(s)** Affected Model X vehicles built between approximately 12/12/2015 and 6/11/2016.

**NOTE:** This is a simplified summary 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.

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