

<b>Reference</b>	SSM74178
<b>Models</b>	I-PACE / X590
<b>Title</b>	No Cabin Heating Function. DTC B1DC5-4B or B1DC5-93 in HVAC
<b>Category</b>	Electrical
<b>Last modified</b>	10-Dec-2018 00:00:00
<b>Symptom</b>	208000 Climate Control

**Content****Issue:**

HVCH is not operating causing no cabin heating.

One of the following DTCs logged in the HVAC module:

B1DC5-4B High Voltage Coolant Heater #1 - Over Temperature

B1DC5-93 High Voltage Coolant Heater #1 - No Operation

**Cause:**

The HVCH is in a locked state because of an earlier HVCH overheat event or an internal failure.

**Action:**

- Ensure any faults relating to the HVCH have been rectified before continuing - refer to TOPIX Workshop Manual section : 412-00: Climate Control System
- Diagnostic Procedure:

CAUTION: This procedure requires a minimum of Pathfinder version 205 or later.

NOTE: The Jaguar Land Rover (JLR) approved diagnostic equipment will read the Vehicle Identification Number (VIN) for the vehicle and automatically take the vehicle out of 'Transportation mode' if required.

1. Connect the JLR approved battery support unit.
2. Connect the JLR approved diagnostic equipment to the vehicle and begin a new session.
3. Follow the JLR approved diagnostic equipment prompts.
4. Select 'ECU Diagnostic'
5. Select 'HVAC Control Module (HVAC)'
6. Select 'ECU Functions'
7. Select 'Unlock HV Coolant Heater 1'

**Note: Very Important!**

Follow all onscreen instructions.

Pathfinder may conduct a 'Heater Coolant Pump and Self-Test' as part of the application.

When this test has completed, the interior HVAC blower will continue to run for a further 5 minutes.

The total time that the HVAC blower will be operating is 10 Minutes.

It is **vital** that you wait for the full 10 minutes until the HVAC blower has **completely stopped** before selecting 'Next'.

8. Continue to follow all on-screen instructions until the 'Unlock HV Coolant Heater 1' application has successfully completed.
9. When the task is completed, exit the current session.
10. Verify that the Heating and Ventilation system is operating correctly.
11. Disconnect the JLR approved diagnostic equipment and the JLR approved battery support unit.
12. Release vehicle.

**Permanent Corrective Action**

The permanent corrective action will be released on the PATHFINDER software release in Calendar Week 50 / 2018.

If this fails to resolve your concern then a Technical Assistance (TA) should be submitted to Local Technical Support (LTS)

Technicians - Please rate this SSM and provide comments so that future communications can be improved.

1 = Poor – Basic information provided – The SSM does not help me resolve the customer concern.

3 = Average – Adequate information provided – The SSM partially helps me resolve the customer concern.

5 = Excellent – All required information provided to resolve the customer concern.