

<b>Reference</b>	SSM73342
<b>Models</b>	Range Rover / L405 Range Rover Sport / L494
<b>Title</b>	Temperature difference between left and right front HVAC vents
<b>Category</b>	Electrical
<b>Last modified</b>	20-Jul-2017 00:00:00
<b>Symptom</b>	208000 Climate Control

**Content**

**Issue:** A customer may report that there is a noticeable temperature difference between the left hand and right hand Heating Ventilation Air Conditioning (HVAC) vents when the temperatures selected on the front integrated control panel are set to the same value. During diagnosis using Pathfinder it may be evident that there are no Diagnostic Trouble Codes (DTCs) stored in the (HVAC) module.

**Cause:** Flap stepper motors are out of synchronisation.

**Action:** If a customer reports the concern, carry out the following steps:

1. Check for any stored DTC's in the HVAC module, if DTCs are present continue with diagnosis using Pathfinder and with reference to TOPIx. If there are no relevant DTCs continue to next step.
2. Check for any HVAC software updates, if none available go to step 4.
3. Update HVAC software (this will resynchronise the flaps) and continue to step 5.
4. Carry out the initialisation function to reset the flaps using Pathfinder as follows:  
Select ECU diagnostics – HVAC – ECU functions – Activate Initialisation and let the function run – End Stop Detection and let the function run.
5. Check the concern has been resolved, if not continue with diagnostics using Pathfinder and with reference to TOPIx.

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.

