

Vehicle Test Report(VTR)

元征 LAUNCH

Detection Device: X-431 PRO ELITE
(SN:987947742068)
Detection Time: 2026-09-10 10:46:46
Report Type: Pre-Repair



Land Rover Evoque(L538)

2015

130148 km

VIN: SALVA[REDACTED]
Vehicle Software Version: V35.17
Diagnostic Application Version: V8.00.048
Diagnostic path: > Status Report > HVAC (Heating Ventilation And Air Conditioning Control Module)

Repair Shop

Shop Name: Checkauto
Address: Montreux Monteux Vaud Switzerland
Zip Code: 1820
Telephone: +41795897777
Email: autocheck@gmail.com
SN: 987947742068
Test Time: 2026-09-10 10:46:46
Technician Name: Sergey



Data Stream 【Pre-Repair】

Name	Value	Standard Range	Unit
Air Conditioning Status - Air Conditioning Clutch Engaged	No		
Air Conditioning Status - Air Conditioning Compressor Run-in	Complete		
Air Conditioning System Pressure	550	0 - 3185	kPa
Air Distribution - Default Range	1000	0 - 4095	
Air Distribution - Stepper Motor	No Range Measured		
Air Distribution Damper Motor - Request - Target Position	0	0 - 4095	
Air Distribution Damper Motor Status - Actual Position	2230	0 - 4095	
Air Distribution Damper Motor Status - Actual Position State	Accurate		
Air Distribution Damper Motor Status - Calibration Lost During Movement When Power Failed	Not Set		
Air Distribution Damper Motor Status - Coil Circuit Failure Or Coil Driver Failure	Not Set		
Air Distribution Damper Motor Status - Communication Failure	Not Set		

Air Distribution Damper Motor Status - Default Position Restore	Not Set		
Air Distribution Damper Motor Status - Extreme Position Maintainable	Not Set		
Air Distribution Damper Motor Status - Feedback Failure	Not Set		
Air Distribution Damper Motor Status - Hall Sensor Supply Current Limitation	Not Set		
Air Distribution Damper Motor Status - Last Maximum Torque	255	0 - 255	Nm
Air Distribution Damper Motor Status - Last Minimum Torque	255	0 - 255	Nm
Air Distribution Damper Motor Status - Last Or Actual Movement Direction	Incremental		
Air Distribution Damper Motor Status - Over Voltage Or Over Temperature	Not Set		
Air Distribution Damper Motor Status - Run Status	Stopped		
Air Distribution Damper Motor Status - Stall Status	Not Stalled		
Air Quality Sensor - Communication	---		
Air Quality Sensor - Status	Level 0		
Blower Speed Output	0	0 - 100	%
Cabin Temperature	28.172	-40 - 215	degC
Climate Control Outputs - Heating Ventilation Air Conditioning Air Intake Pollution	Not Detected		
Climate Control Outputs - In Vehicle Temperature Sensor Fan	On		
Climate Control Outputs - Rear Left Seat Heater	Off		
Climate Control Outputs - Rear Right Seat Heater	Off		
Climate Control Outputs - Climate Control Module Communication Protocol Power Supply	On		
Climate Control Outputs - Left Seat Heater	Off		
Climate Control Outputs - Right Seat Heater	Off		
Compressor/motor Current	15.5	-1000 - 1000	mA
Control Module Supply Voltage	14.5	0 - 25.5	V

Damper Motor Ranges - Lower Air Distribution End Stop	1474	0 - 4095
Damper Motor Ranges - Lower Defrost End Stop	1779	0 - 4095
Damper Motor Ranges - Lower Left Temperature End Stop	1472	0 - 4095
Damper Motor Ranges - Lower Recirculation End Stop	2099	0 - 4095
Damper Motor Ranges - Lower Right Temperature End Stop	1307	0 - 4095
Damper Motor Ranges - Upper Air Distribution End Stop	2483	0 - 4095
Damper Motor Ranges - Upper Defrost End Stop	1198	0 - 4095
Damper Motor Ranges - Upper Left Temperature End Stop	1809	0 - 4095
Damper Motor Ranges - Upper Recirculation End Stop	1286	0 - 4095
Damper Motor Ranges - Upper Right Temperature End Stop	1652	0 - 4095
Damper Stepper Motor Tolerance Range	0	0 - 255
Defrost - Default Range	557	0 - 4095
Defrost - Stepper Motor Range Status	Within Specification	
Defrost Damper Motor - Request - Target Position	0	0 - 4095
Defrost Damper Motor Status - Actual Position	1198	0 - 4095
Defrost Damper Motor Status - Actual Position State	Accurate	
Defrost Damper Motor Status - Calibration Lost During Movement When Power Failed	Not Set	
Defrost Damper Motor Status - Coil Circuit Failure Or Coil Driver Failure	Not Set	
Defrost Damper Motor Status - Communication Failure	Not Set	
Defrost Damper Motor Status - Default Position Restore	Not Set	
Defrost Damper Motor Status - Extreme Position Maintainable	Not Set	
Defrost Damper Motor Status - Feedback Failure	Not Set	

Defrost Damper Motor Status - Hall Sensor Supply Current Limitation	Not Set		
Defrost Damper Motor Status - Last Maximum Torque	255	0 - 255	Nm
Defrost Damper Motor Status - Last Minimum Torque	255	0 - 255	Nm
Defrost Damper Motor Status - Last Or Actual Movement Direction	Decremental		
Defrost Damper Motor Status - Over Voltage Or Over Temperature	Not Set		
Defrost Damper Motor Status - Run Status	Stopped		
Defrost Damper Motor Status - Stall Status	Not Stalled		
Evaporator Temperature	15	-40 - 87	degC
Front Left Climate Seat - Blower 1 - Voltage - Measured	0	0 - 16	V
Front Left Climate Seat - Blower 2 - Voltage - Measured	0	0 - 16	V
Front Left Climate Seat - Functional Status - Blower 1 - Seat Cushion	Off		
Front Left Climate Seat - Functional Status - Blower 2 - Seat Backrest	Off		
Front Left Climate Seat - Functional Status - Seat Cool Mode	Disabled		
Front Left Climate Seat - Functional Status - Seat Heat Mode	Disabled		
Front Left Climate Seat - Functional Status - Thermal Electric Device 1 - Seat Cushion	Off		
Front Left Climate Seat - Functional Status - Thermal Electric Device 2 - Seat Backrest	Off		
Front Left Climate Seat - Thermal Electric Device 1 - Current - Measured	0	0 - 1	A
Front Left Climate Seat - Thermal Electric Device 1 - Voltage - Measured	0	0 - 16	V
Front Left Climate Seat - Thermal Electric Device 2 - Current - Measured	0	0 - 1	A
Front Left Climate Seat - Thermal Electric Device 2 - Voltage - Measured	0	0 - 16	V
Front Left Seat Settings - Seat Heater Temperature	0	-40 - 215	degC
Front Left Seat Settings - Seat Backrest Ventilation Speed	0	0 - 100	%

Front Left Seat Settings - Ventilation Speed	0	0 - 100	%
Front Right Climate Seat - Blower 1 - Voltage - Measured	0	0 - 16	V
Front Right Climate Seat - Blower 2 - Voltage - Measured	0	0 - 16	V
Front Right Climate Seat - Functional Status - Blower 1 - Seat Cushion	Off		
Front Right Climate Seat - Functional Status - Blower 2 - Seat Backrest	Off		
Front Right Climate Seat - Functional Status - Seat Cool Mode	Disabled		
Front Right Climate Seat - Functional Status - Seat Heat Mode	Disabled		
Front Right Climate Seat - Functional Status - Thermal Electric Device 1 - Seat Cushion	Off		
Front Right Climate Seat - Functional Status - Thermal Electric Device 2 - Seat Backrest			
Front Right Climate Seat - Thermal Electric Device 1 - Current - Measured		0 - 1	A
Front Right Climate Seat - Thermal Electric Device 1 - Voltage - Measured	0	0 - 16	V
Front Right Climate Seat - Thermal Electric Device 2 - Current - Measured	0	0 - 1	A
Front Right Climate Seat - Thermal Electric Device 2 - Voltage - Measured	0	0 - 16	V
Front Right Seat Settings - Seat Backrest Ventilation Speed	0	0 - 100	%
Front Right Seat Settings - Seat Heater Temperature	0	-40 - 215	degC
Front Right Seat Settings - Ventilation Speed	0	0 - 100	%
Heated Seat Target Temperature - Rear Left	0	0 - 60	degC
Heated Seat Target Temperature - Rear Right	0	0 - 60	degC
Humidity Sensor Status - Air Temperature	0	-127 - 128	degC
Humidity Sensor Status - Air Temperature - Quality Factor	Data Is Temporarilly Undefined, Evaluation In Progress		
Humidity Sensor Status - Failure Status	Unknown/invalid		
Humidity Sensor Status - Glass Temperature	0	-127 - 128	degC

Humidity Sensor Status - Glass Temperature - Quality Factor	Data Is Temporarily Undefined, Evaluation In Progress		
Humidity Sensor Status - Humidity	42.5	0 - 255	%
Humidity Sensor Status - Humidity - Quality Factor	Data Is Correct		
Left Damper Motor Temperature Status - Actual Position	1563	0 - 4095	
Left Damper Motor Temperature Status - Last Maximum Torque	255	0 - 255	Nm
Left Damper Motor Temperature Status - Last Minimum Torque	255	0 - 255	Nm
Left Damper Motor Temperature Status - Last Or Actual Movement Direction	Decremental		
Left Damper Motor Temperature Status - Run Status	Stopped		
Left Damper Motor Temperature Status - Stall Status	Not Stalled		
Left Temperature - Default Range	350	0 - 4095	
Left Temperature Damper Motor - Request - Target Position	0	0 - 4095	
Maximum Time That Node May Keep Network Awake - LIN Power Mode 0	1792	0.00 - 0.00	S
Number Of Trouble Codes Set Due To Diagnostic Test	0	0 - 255	
Pollution Sensor	0	0 - 100	%
Recirculation - Default Range	810	0 - 4095	
Recirculation - Stepper Motor Range Status	Within Specification		
Recirculation Damper Motor - Request - Target Position	0	0 - 4095	
Recirculation Damper Motor Status - Actual Position	1606	0 - 4095	
Recirculation Damper Motor Status - Actual Position State	Accurate		
Recirculation Damper Motor Status - Calibration Lost During Movement When Power Failed	Not Set		
Recirculation Damper Motor Status - Coil Circuit Failure Or Coil Driver Failure	Not Set		
Recirculation Damper Motor Status - Communication Failure	Not Set		

Recirculation Damper Motor Status - Default Position Restore	Not Set		
Recirculation Damper Motor Status - Extreme Position Maintainable	Not Set		
Recirculation Damper Motor Status - Feedback Failure	Not Set		
Recirculation Damper Motor Status - Hall Sensor Supply Current Limitation	Not Set		
Recirculation Damper Motor Status - Last Maximum Torque	255	0 - 255	Nm
Recirculation Damper Motor Status - Last Minimum Torque	255	0 - 255	Nm
Recirculation Damper Motor Status - Last Or Actual Movement Direction	Incremental		
Recirculation Damper Motor Status - Over Voltage Or Over Temperature	Not Set		
Recirculation Damper Motor Status - Run Status	Stopped		
Recirculation Damper Motor Status - Stall Status	Not Stalled		
Requested Fan Speed	0	0 - 100	%
Right Damper Motor Temperature Status - Actual Position	1422	0 - 4095	
Right Damper Motor Temperature Status - Last Maximum Torque		0 - 255	Nm
Right Damper Motor Temperature Status - Last Minimum Torque		0 - 255	Nm
Right Damper Motor Temperature Status - Last Or Actual Movement Direction			
Right Damper Motor Temperature Status - Run Status			
Right Damper Motor Temperature Status - Stall Status			
Right Temperature - Default Range		0 - 4095	
Seat Heat - Rear Left		0 - 50	degC
Seat Heat - Rear Right		0 - 50	degC
Sensor Supply Voltage		0 - 20	V
Temperature Left - Stepper Motor Range Status			
Temperature Left Damper Motor Status - Actual Position State			

Temperature Left Damper Motor Status - Calibration Lost During Movement When Power Failed		
Temperature Left Damper Motor Status - Coil Circuit Failure Or Coil Driver Failure		
Temperature Left Damper Motor Status - Communication Failure		
Temperature Left Damper Motor Status - Default Position Restore		
Temperature Left Damper Motor Status - Extreme Position Maintainable		
Temperature Left Damper Motor Status - Feedback Failure		
Temperature Left Damper Motor Status - Hall Sensor Supply Current Limitation		
Temperature Left Damper Motor Status - Over Voltage Or Over Temperature		
Temperature Right - Stepper Motor Range Status		
Temperature Right Damper Motor Status - Actual Position State		
Temperature Right Damper Motor Status - Calibration Lost During Movement When Power Failed		
Temperature Right Damper Motor Status - Coil Circuit Failure Or Coil Driver Failure		
Temperature Right Damper Motor Status - Communication Failure		
Temperature Right Damper Motor Status - Default Position Restore		
Temperature Right Damper Motor Status - Extreme Position Maintainable		
Temperature Right Damper Motor Status - Feedback Failure		
Temperature Right Damper Motor Status - Hall Sensor Supply Current Limitation		
Temperature Right Damper Motor Status - Over Voltage Or Over Temperature		
Windshield Interior Air Temperature - Measured	-40 - 80	degC
Windshield Interior Relative Humidity - Measured Value	0 - 100	%
Windshield Interior Surface Temperature - Measured	-40 - 80	degC

Disclaimer

This test report is for reference only for vehicle test and maintenance. The vehicle operating data provided in this report are all static data. The detailed dynamic diagnostic data can be read by professional maintenance device, and LAUNCH will not be liable for any accidents and failures arising therefrom!