

Vehicle Test Report(VTR)

元征 LAUNCH

Detection Device: X-431 PRO ELITE
(SN:987947742068)
Detection Time: 2026-09-10 10:43:02
Report Type: Pre-Repair



Land Rover Evoque(L538)

2015 130148 km

VIN: SALVAT
Vehicle Software Version: V35.17
Diagnostic Application Version: V8.00.048
Diagnostic path: > Status Report > ECM (Engine 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 10:43:02
Technician Name: Sergey



Data Stream 【Pre-Repair】

Name	Value	Standard Range	Unit
Absolute Throttle Position	78.431	0 - 100	%
Accumulated Distance Since The Last Oil Change	7463	0 - 65535	km
Accumulated Engine Running Time Since The Last Oil Change	30360	0 - 65535	S
Accumulated Time Since The Last Oil Change	433.753	0 - 1000	
Air Charge Temperature	19	-40 - 100	degC
Ambient Air Temperature	29	-40 - 120	degC
Ambient Air Temperature Sensor Voltage	0.815	0 - 5	V
Barometric Pressure	99	60 - 120	kPa
Barometric Pressure Sensor	3.915	0 - 5	V
Boost Pressure Actuator - Bank 1 - Measured Position	73.391	0 - 100	%
Boost Pressure Actuator - Bank 1 - Desired Position	73.256	0 - 100	%
Calculated Load Value	41.176	0 - 100	%
Charge Air Temperature Voltage	1.66	0 - 5	V

Commanded Exhaust Gas Recirculation	8.627	0 - 100	%
Commanded Throttle Actuator Control	9.804	0 - 100	%
Corrected Intake Manifold Absolute Pressure	100	60 - 180	kPa
Diesel Particulate Filter Soot Concentration - Inferred Using Differential Pressure	0	0 - 100	g/m^3
Distance Since Diagnostic Trouble Codes Cleared	17767	0 - 65535	km
Distance Since Diesel Particulate Filter Regeneration	130145.632	0 - 10000	km
Distance To Next Service	0	0 - 65535	km
Distance Travelled Since The Malfunction Indicator Lamp Was Activated	0	0 - 65535	km
Engine Control Stop/start Inhibit Status - Engine Control Logic Inhibits Engine Start - Legacy Enhanced Starter Motor Only	No		
Engine Control Stop/start Inhibit Status - Engine Control Logic Inhibits Engine Stop - Legacy Enhanced Starter Motor Only	No		
Engine Control Stop/start Inhibit Status - Start Inhibited - Ambient Air Pressure - Too Low - Legacy Enhanced Starter Motor Only	No		
Engine Control Stop/start Inhibit Status - Start Inhibited - Engine Temperature - Too High	No		
Engine Control Stop/start Inhibit Status - Start Inhibited - Engine Temperature - Too Low	No		
Engine Control Stop/start Inhibit Status - Start Inhibited - Environment Air Temperature - Too High	No		
Engine Control Stop/start Inhibit Status - Start Inhibited - Environment Air Temperature - Too Low	No		
Engine Control Stop/start Inhibit Status - Start Inhibited - Fuel Run Dry Prevention	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - After Treatment System Temperature - Too High	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - After Treatment System Temperature - Too Low	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - Ambient Air Pressure - Too Low	No		

Engine Control Stop/start Inhibit Status - Stop Inhibited - Ambient Temperature - Too High	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - Ambient Temperature - Too Low	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - Canister Purge Vapour Concentration - Too High	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - Condensation Within The Exhaust System Not Cleared	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - Diagnostics Monitor Require Engine Running	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - Diesel Particulate Filter Regeneration In Progress	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - Diesel Particulate Filter Regeneration Is Required	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - Engine Speed - Too High	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - Engine Temperature - Too High	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - Engine Temperature - Too Low	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - Fuel Rail Pressure - Too Low	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - Fuel Run Dry Prevention	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - Insufficient Time Has Elapsed Since The Conventional Start Of The Engine	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - Starter Motor Has Exceeded Its Operating Duty Cycle	No		
Engine Control Stop/start Inhibit Status - Stop Inhibited - System Adaptations Not Within Range	No		
Engine Control Stop/start Inhibit Status - The Immobilizer Does Not Permit Engine Start	No		
Engine Control Stop/start Inhibit Status - Turbocharger Bearing Oil Temperature - Too High	No		
Engine Coolant Temperature	20	-40 - 150	degC

Engine Coolant Temperature Sensor	3.196	0 - 5	V
Engine Cooling Fan Speed - Desired	0	0 - 100	%
Engine Input/output Parameters - Active Engine Mount Control	On		
Engine Input/output Parameters - Brake Switch	Not Pressed		
Engine Input/output Parameters - Brake Switch 2	Not Pressed		
Engine Input/output Parameters - Cranking State	Inactive		
Engine Input/output Parameters - Fuel Lift Pump	Enabled		
Engine Input/output Parameters - Fuel Lift Pump Control	Off		
Engine Input/output Parameters - Glow Lamp	Off		
Engine Input/output Parameters - Kickdown	Not Detected		
Engine Input/output Parameters - Low Oil Pressure (Switch)	Not Detected		
Engine Input/output Parameters - Malfunction Indicator Lamp	Off		
Engine Input/output Parameters - Oil Pressure Lamp	Off		
Engine Input/output Parameters - Park/neutral Switch	Closed		
Engine Input/output Parameters - Starter Enable High Side	Disabled		
Engine Input/output Parameters - Starter Enable Low Side	Disabled		
Engine Oil Level - Measured	0	0 - 0.15	m
Engine Oil Temperature Sensor Voltage	2.985	0 - 5	V
Engine Oil Volume - Calculated	0.6	0 - 10	L
Engine Run Time Since Diagnostic Trouble Codes Cleared	1672080	0 - 393210	S
Engine Speed	796	0 - 6000	rpm
Equivalence Ratio (Lambda)	0	0 - 2	
Exhaust Gas Recirculation - Bank 1 - Commanded	14.51	0 - 100	%
Exhaust Gas Recirculation Cooler - Bypass Position Sensor Voltage	3.997	0 - 5	V

Exhaust Gas Recirculation Cooler - Bypass Valve Position - Measured	94.902	0 - 100	%
Exhaust Gas Recirculation Cooler Bypass Valve Duty Cycle	86.667	0 - 100	%
Exhaust Gas Recirculation Valve Position - Bank 1	15.294	0 - 100	%
Exhaust Gas Recirculation Valve Position Sensor Voltage	3.513	0 - 0.07	V
Exhaust Gas Temperature - Bank 1 - Sensor 1	115	120 - 1050	degC
Exhaust Gas Temperature - Bank 1 - Sensor 1 - Voltage	4.98	0 - 5	V
Exhaust Gas Temperature - Bank 1 - Sensor 2	0	120 - 1050	degC
Exhaust Gas Temperature - Bank 1 - Sensor 2 - Voltage	0	0 - 5	V
Exhaust Gas Temperature - Bank 1 - Sensor 3	0	120 - 1050	degC
Exhaust Gas Temperature - Bank 1 - Sensor 3 - Voltage	0	0 - 5	V
Exhaust Gas Volumetric Flow Rate - Inferred	0	0 - 100	L/min
Fuel Level Input	68.235	0 - 100	%
Fuel Pressure Relief Control Valve Duty Cycle	18.431	0 - 100	%
Fuel Rail Pressure Sensor	1.281	0 - 5	V
Fuel Rail Temperature Sensor Voltage	2.819	0 - 5	V
Fuel Temperature A	17	-40 - 100	degC
Fuel Volume Control Valve - Current - Measured	1.32	0 - 25	A
Fuel Volume Control Valve Duty Cycle	30.588	0 - 100	%
Gear Display	Park		
Glow Plug Duty Cycle	0	0 - 100	%
Incomplete Regeneration Status	0	0 - 255	
Intake Air Temperature	23	-40 - 100	degC
Intake Air Temperature Sensor Voltage	2.461	0 - 5	V
Location Of Oxygen Sensors - Bank 1 Sensor 1 Present At That Location	Yes		
Manifold Absolute Pressure Sensor	100	0 - 255	kPa

Manifold Absolute Pressure Sensor Voltage	1.356	0 - 5	V
Mass Air Flow	9.66	0 - 400	g/s
Maximum Value For Equivalence Ratio	0	0 - 255	
Maximum Value For Intake Manifold Absolute Pressure	0	0 - 2550	kPa
Maximum Value For Oxygen Sensor Current	0	0 - 0.26	A
Maximum Value For Oxygen Sensor Voltage	0	8 - 16	V
Number Of Demanded Regenerations	0	0 - 65535	
Number Of Partial Successful Regenerations	0	0 - 255	
Number Of Successful Regenerations	0	0 - 65535	
Number Of Trouble Codes Set Due To Diagnostic Test	0	0 - 255	
Number Of Warm-ups Since Last Diagnostic Trouble Code Was Clear	255	0 - 255	
Occurrence 1: Distance Travelled	0	0 - 1677721.5	km
Occurrence 1: Mileage At Failure Apparition	0	0 - 1677721.5	km
Occurrence 2: Distance Travelled	0	0 - 1677721.5	km
Occurrence 2: Mileage At Failure Apparition	0	0 - 1677721.5	km
Occurrence 3: Distance Travelled	0	0 - 1677721.5	km
Occurrence 3: Mileage At Failure Apparition	0	0 - 1677721.5	km
Occurrence 4: Distance Travelled	0	0 - 1677721.5	km
Occurrence 4: Mileage At Failure Apparition	0	0 - 1677721.5	km
Oxygen Sensor - Bank 1 - Sensor 1 - Heater Current Monitor	1.6	0 - 63	A
Oxygen Sensor Heater Duty Cycle - Bank 1 Sensor 1	1.961	0 - 100	%
Oxygen Sensor Voltage	0	0 - 8	V
Particulate Filter Differential Pressure - Measured	0	-50000 - 127000	Pa
Particulate Filter Differential Pressure Sensor Voltage - Bank 1	4.99	0 - 5	V

Particulate Filter Regeneration Inhibited Status	0	0 - 255	
Pedal Position Sensor Voltage - Sensor 1	0.781	0 - 5	V
Pedal Position Sensor Voltage - Sensor 2	0.392	0 - 5	V
Relative Throttle Position	7.843	0 - 100	%
Start Authorisation Status - Immobilizer - Target Identification Challenge Status	Enabled		
Start Authorisation Status - Immobilizer - Target Identification Stored	Stored		
Start Authorisation Status - Immobilizer - Target Identification Valid Transponder	True		
Start Authorisation Status - Immobilizer - Target Identification Verifier Ok	True		
Stop Start - Feature Status - Flags - Brake Vacuum Sufficient	Yes		
Stop Start - Feature Status - Flags - Gear Neutral Sensor Offset Stored	False		
Stop Start - Start Counter	1	0 - 100000	
Stop Start - Feature Status - Flags - Auxiliary Coolant Pump Activated	False		
Stop Start - Feature Status - Flags - Brake Vacuum Function Requests Engine Running	False		
Stop Start - Feature Status - Flags - Climate Control System Requests Engine Running	True		
Stop Start - Feature Status - Flags - Clutch 25% Switch Status	Inactive		
Stop Start - Feature Status - Flags - Clutch 75% Switch Status	Inactive		
Stop Start - Feature Status - Flags - Diagnostic Stop Start Inhibit	False		
Stop Start - Feature Status - Flags - Driver's Door	Closed		
Stop Start - Feature Status - Flags - Driver's Safety Belt Buckle	Unbuckled		
Stop Start - Feature Status - Flags - Economy Enable Switch Requests Engine Running	False		
Stop Start - Feature Status - Flags - Engine Control Start Inhibit	False		
Stop Start - Feature Status - Flags - Engine Control Stop Inhibit	False		

Stop Start - Feature Status - Flags - Engine Control Stop Start Fault	No Fault		
Stop Start - Feature Status - Flags - Gear Neutral Sensor In Gear Fault	No Fault		
Stop Start - Feature Status - Flags - Gear Neutral Sensor In Neutral Fault	No Fault		
Stop Start - Feature Status - Flags - Hood Switch Indicates That The Hood Is Open	False		
Stop Start - Feature Status - Flags - Park Aid Requests Engine Running	False		
Stop Start - Feature Status - Flags - Power Steering Control Module Requests Engine Running	False		
Stop Start - Feature Status - Flags - Power Supply System Fault	No Fault		
Stop Start - Feature Status - Flags - Power Supply System Requests Engine Running	False		
Stop Start - Feature Status - Flags - Power Supply System Start Inhibit	False		
Stop Start - Feature Status - Flags - Stop In Progress	False		
Stop Start - Indicated Status	Unavailable		
Stop/start System - Feature Status - Flags - ABS Control Requests Engine Running	False		
Stop/start System - Feature Status - Flags - Delay To Economy Stop	False		
Stop/start System - Feature Status - Flags - Driver Message	Deactivated		
Stop/start System - Feature Status - Flags - Second Battery Requests Engine Running	True		
Stop/start System - Feature Status - Flags - Secondary Power Supply Fault	No Fault		
Stop/start System - Feature Status - Flags - Transmission Control Module Start Inhibit	False		
Stop/start System - Feature Status - Flags - Transport Mode	False		
Sump Oil Temperature - Measured	-40	-40 - 215	degC
Throttle Motor Pulse Width Modulation Signal - Commanded	0	0 - 100	%
Throttle Position Bank 1	9.802	0 - 100	%
Time Run By The Engine While Malfunction Indicator Lamp Is Activated	0	0 - 393210	S

Transmission Control Module Economy Stop/start Request Status	Stop Inhibition		
Transmission Control Module Fault	No Fault		
Turbocharger/supercharger Boost Pressure A - Desired	102.492	0 - 512	kPa
Vehicle Speed	0	0 - 255	km/h

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!