

Special Service Message

NOTE: A Special Service Message is a formal communication issued by Land Rover and carries the same importance of a Technical Service Bulletin. An SSM is a quick method of communicating "Need To Know" information to the technical service community. SSM's may be issued in advance of a technical bulletin or may be the only communication on a given topic. All information contained in Land Rover technical communications are intended for use by trained, professional technicians with the knowledge, tools, and equipment required to complete the procedure correctly and safely. It informs the Technicians of conditions that may occur on some vehicles, or provides information that could assist in correct vehicle and diagnostic service.

SSM 74500 - Air Conditioning Inoperative at Pre-Delivery Inspection

Models : Discovery / L462

Discovery Sport / L550

Discovery Sport / L550
(Brazil 99J)

Discovery Sport / L550
(China L2C)

Evoque / L538

Evoque / L538 (Brazil
99J)

Evoque / L538 (China
L2C)

Evoque / L551

Evoque/L551
(China/L2C)

Range Rover / L405

Range Rover Sport /
L494

Range Rover Velar /
L560

Engineer Mark Kavanagh
Name :

Last 02 AUG 2019 12:37:10

Modified :

Category : Electrical

Symptom : 208000 Climate Control

Content : Issue:

Air conditioning being reported as inoperative at the Pre-Delivery Inspection (PDI).

Technician's reports indicate that a Heating Ventilation Air Conditioning (HVAC) module software update or application of the compressor run-in routine in Pathfinder rectifies the concern.

Cause:

Currently under investigation by JLR engineering.

Action:

Confirm that the air conditioning system is functioning correctly as per the PDI process.

Note – If the vehicle has been stored in a cold environment of 0 Deg Celsius or below and then brought into a warm environment the air conditioning will be inhibited for a small amount of time until the system temperatures regulate.

- If the air conditioning is found to be inoperative at PDI carry out the following procedure:
- Start the vehicle and leave the engine to idle for a minimum of five minutes.
- Recheck the air conditioning system for correct operation.
- If the air conditioning is functioning correctly no further action required.
- If the air conditioning is not functioning correctly carry out the following diagnostic procedure.

Diagnostic Procedure:

- Caution - This procedure requires a minimum of Pathfinder 241 loaded or later.
- Connect the JLR approved battery support unit.
- Connect the JLR approved diagnostic equipment to the vehicle and begin a new session.
- Follow the JLR approved diagnostic equipment prompts.
- Select 'ECU Diagnostics'.
- Select 'HVAC' module
- Select 'Live Data'
- Select the following PID's with the engine running
- 9801 (air conditioning status
- 9A44 (mechanical ICE vehicle inhibits
- 9990 (refrigerant pressure
- 995A (evaporator temperature
- 9805 (blower speed
- 99AB (solenoid current on ICE vehicles)
- 99A2 (climate control outputs)
- Select 'Export PDF'
- Select 'Update ECU'.
- Follow all on-screen instructions to complete the task.
- When all of the tasks are complete, exit the session and disconnect the JLR approved diagnostic equipment and the JLR approved battery support unit from the vehicle.

If the air conditioning system is now functioning correctly please raise an EPQR and attach the session file and the previously exported PDF

document.

If the air conditioning system is not functioning correctly please diagnose using Topix section 412.00 – Climate Control – Diagnosis and Testing.