

TECHNICAL BULLETIN
UPS4113-6bNAS1
10 OCT 2013



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NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Land Rover service facility to determine whether this bulletin applies to a specific vehicle.

SECTION: 100-00

Update Prior to Sale: Software Quality Enhancements

AFFECTED VEHICLE RANGE:

Range Rover Sport (LW)

Model Year: 2014
VIN: EA302024-EA310184

MARKETS:

NAS

CONDITION SUMMARY:

Situation: To ensure 2014 model year Range Rover Sport (L494) vehicles are equipped with the very latest software, a limited number of vehicles require updates to the following control modules:

- Anti-Lock Brake System (ABS);
- Climate Control;
- Parking Aid System;
- Audio System (8-speaker, 380-Watt only).



NOTE: Refer to the Affected VIN List in Service Bulletin SGI13-23 for vehicle eligibility prior to commencing any software update.

Action: Retailers are required to **HOLD** all affected vehicles within the listed VIN range that are in their control and refrain from releasing the vehicles for new or used vehicle sale pending completion of the rework action detailed in this Technical Bulletin. Unsold vehicles should have this performed as part of the Pre-Delivery Inspection (PDI) process.

PARTS:

No parts required

SPECIAL TOOLS:



NOTE: This document is an 'Active Bulletin' that will display a functional programming shortcut if accessed within a diagnostic session using SDD.

SDD with latest DVD and Calibration File; first available on DVD134.09 v.141

Jaguar Land Rover-approved Midtronics Battery Power Supply

WARRANTY:



NOTE: Check DDW to ensure that the vehicle is affected by this program prior to undertaking any rework action. Repair procedures are under constant review, and therefore times / prices are subject to change; those quoted here must be taken as guidance only. Refer to the Repair Times Searcher (RTS) on TOPIx to obtain the latest repair time. At the time of confirming a booking for vehicle repair, ensure that all outstanding Service Actions are identified to ensure the correct parts are available and adequate workshop time is allocated for repairs to be completed at one visit.

Warranty claims must be submitted quoting Program Code '**Q323**' together with the relevant Option Code from the table. The SRO and part information listed have been included for information only. The Option Code(s) that allows for the drive in / drive out allowance may only be claimed if the vehicle is brought into the workshop for this action alone to be undertaken.

This program is valid for a limited time only. Warranty claims with a repair date prior to the **19 January 2014** closure date must be submitted for payment within 30 calendar days of completion of the repair.

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PARTS	QTY. / VALUE
Q323	F	Update Anti-lock Brake System control module software (EA302024-EA305280 ONLY) Update Climate Control control module software - with SDD connected (All VINs) Update Parking Aid control module software - with SDD connected (EA302024-EA302670 ONLY) Update Audio amplifier module - with SDD connected (EA302024-EA302670 ONLY)	70.90.03 80.90.12.02 86.90.63.02 86.90.07.01	0.3 0.1 0.3 0.4	-	-
Q323	G	Update Anti-lock Brake System control module software (EA302024-EA305280 ONLY) Update Climate Control control module software - with SDD connected (All VINs) Update Parking Aid control module software - with SDD connected (EA302024-EA302670 ONLY) Update Audio amplifier module - with SDD connected (EA302024-EA302670 ONLY) Drive in/drive out	70.90.03 80.90.12.02 86.90.63.02 86.90.07.01 02.02.02	0.3 0.1 0.3 0.4 0.2	-	-
Q323	M	Update Anti-lock Brake System control module software (EA302024-EA305280 ONLY) Update Climate Control control module software - with SDD connected (All VINs)	70.90.03 80.90.12.02	0.3 0.1	-	-
Q323	N	Update Anti-lock Brake System control module software (EA302024-EA305280 ONLY) Update Climate Control control module software - with SDD connected (All VINs) Drive in/drive out	70.90.03 80.90.12.02 02.02.02	0.3 0.1 0.2	-	-

Q323	S	Update Climate Control control module software (All VINs)	80.90.12	0.2	-	-
Q323	T	Update Climate Control control module software (All VINs) Drive in/drive out	80.90.12 02.02.02	0.2 0.2	-	-



NOTE: Normal Warranty policies and procedures apply

SERVICE INSTRUCTION:

1.  **CAUTION: Ensure all ignition 'ON' / ignition 'OFF' requests are carried out; failure to perform these steps may cause damage to control modules in the vehicle.**



CAUTION: A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during SDD diagnosis / module programming.



NOTE: SDD must be loaded with DVD134.09 v.141 or later.

Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.

Climate Control Control Module Software Update - All VINs



NOTE: The Climate Control control module may be also known as the Automatic Temperature Control (ATC) or Heating ventilation and air conditioning control module.



NOTE: In the event of an error during the programming routine, SDD will allow the user to attempt reprogramming. Ensure all on-screen prompts are followed. Ensure 'Retry' is attempted if a failure occurs. If further diagnostic support is required, contact the Technical HelpLine.

2. Turn ignition 'ON' (engine not running).
3. Connect the Integrated Diagnostic System (IDS) to the vehicle and begin a new Symptom Driven Diagnostics (SDD) session.
4. Follow the on-screen prompts, allowing SDD to read the VIN and identify the vehicle and initiating the data collect sequence.
5. Select 'Diagnosis' from the Session Type screen.
6. Select the 'Selected Symptoms' tab, and then select the following:
 - Electrical - Climate control system - Temperature regulation
7. Select the 'Extras' tab.

8. From the Recommendations tab, select **Run** to perform the 'Configure existing module – Heating ventilation and air conditioning control module' option.

Anti-Lock Brake System Module Software Update - VINs EA302024-EA305280 only



NOTE: In the event of an error during the programming routine, SDD will allow the user to attempt reprogramming. Ensure all on-screen prompts are followed. Ensure 'Retry' is attempted if a failure occurs. If further diagnostic support is required, contact the Technical HelpLine.

9. Select the 'Selected Symptoms' tab, and then select the following:
 - Chassis - Braking system - ABS
10. Select the 'Extras' tab.
11. From the Recommendations tab, select **Run** to perform the 'Configure existing module – ABS control module' option.
12. Follow all on-screen instructions to complete this task.

Parking Assist System Module Software Update - VINs EA302024-EA302670 only



NOTE: In the event of an error during the programming routine, SDD will allow the user to attempt reprogramming. Ensure all on-screen prompts are followed. Ensure 'Retry' is attempted if a failure occurs. If further diagnostic support is required, contact the Technical HelpLine.

13. Select the 'Selected Symptoms' tab, and then select the following:
 - Electrical - Driving aids – Parking aid
14. Select the 'Extras' tab.
15. From the Recommendations tab, select **Run** to perform the 'Configure existing module – Parking assist control module' option.
16. Follow all on-screen instructions to complete this task.

Audio Amplifier Module Software Update - VINs EA302024-EA302670 only



NOTE: In the event of an error during the programming routine, SDD will allow the user to attempt reprogramming. Ensure all on-screen prompts are followed. Ensure 'Retry' is attempted if a failure occurs. If further diagnostic support is required, contact the Technical HelpLine.

17. Select the 'Selected Symptoms' tab, and then select the following:

- Electrical - Information and entertainment system – Entertainment system

18. Select the 'Extras' tab.

19. From the Recommendations tab, select **Run** to perform the 'Configure existing module – Audio amplifier module' option.

20. Follow all on-screen instructions to complete this task.

21. Exit the current session.

22. Disconnect the IDS and the battery power supply from the vehicle.