TECHNICAL BULLETIN
UPS4413-4bNAS1
12 SEP 2013

SECTION: 100-00

Update Prior to Sale: Anti-Lock Brake, Climate Control, and Parking Aid Control Module Software Update

AFFECTED VEHICLE RANGE:

Range Rover (LG)
Model Year: 2014
VIN: EA110440-EA135110

MARKETS:

NAS

CONDITION SUMMARY:

Situation: To ensure 2014 model year Range Rover (L405) 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.

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.**

IDS with latest IDS-DVD and Calibration File; first available on DVD135.02 v.146

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 '**Q324**' 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 **03 March 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
Q324	B	⚠️**NOTE: VIN EA110440-EA129699 ONLY** Update Anti-lock Brake System control module software Update Parking Aid control module software - with IDS connected Update Climate Control control module software - with IDS connected	70.90.03 86.90.63.02 80.90.12.02	0.3 0.1 0.1	-	-
Q324	C	⚠️**NOTE: VIN EA110440-EA129699 ONLY** Update Anti-lock Brake System control module software Update Parking Aid control module software - with IDS connected Update Climate Control control module software - with IDS connected Drive in/drive out	70.90.03 86.90.63.02 80.90.12.02 02.02.02	0.3 0.1 0.1 0.2	-	-
Q324	F	⚠️**NOTE: VIN EA129700-EA131561 ONLY** Update Anti-lock Brake System control module software Update Climate Control control module software - with IDS connected	70.90.03 80.90.12.02	0.3 0.1	-	-
Q324	G	⚠️**NOTE: VIN EA129700-EA131561 ONLY** Update Anti-lock Brake System control module software Update Climate Control control module	70.90.03 80.90.12.02 02.02.02	0.3 0.1 0.2	-	-

		software - with IDS connected Drive in/drive out				
Q324	K	⚠ **NOTE: VIN EA131562-EA135110 ONLY** Update Climate Control control module software	80.90.12	0.2	-	-
Q324	L	⚠ **NOTE: VIN EA131562-EA135110 ONLY** Update Climate Control control module software 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 IDS / SDD diagnosis / module programming.**

   ⚠ **NOTE: IDS must be loaded with DVD135.02 v.146 or later.**

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

Climate Control Module Software Update - All VINs

⚠ **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.

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

Anti-Lock Brake System Module Software Update - VINs EA110440-EA131561 only

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

- Chassis - Braking system - ABS

11. Select the 'Extras' tab.

12. ⚠**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.**

From the Recommendations tab, select **Run** to perform the 'Configure existing module – ABS control module' option.

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

Parking Assist System Module Software Update - VINs EA110440-EA129699 only

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

- Electrical - Driving aids – Parking aid

15. Select the 'Extras' tab.

16. From the Recommendations tab, select **Run** to perform the 'Configure existing module – Parking assist control module' option.

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

18. Exit the current session.

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