

TECHNICAL BULLETIN  
LTB00572NAS1  
27 SEP 2013



© Jaguar Land Rover North America, LLC

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: 418-02**

Replacement Engine Compartment Harness

**AFFECTED VEHICLE RANGE:**

**LR4 (LA)**

**Model Year:** 2010-2011

**VIN:** AA513326-BA596987

**Range Rover Sport (LS)**

**Model Year:** 2010-2011

**VIN:** AA215623-BA717165

**MARKETS:**

NAS

**CONDITION SUMMARY:**

**Situation:** The heated front windshield may not operate and evidence of heat damage may be found in the Engine Junction Box (EJB) / underhood fuse box. Diagnosis may determine that there may be signs of visible heat damage to either the heated front windshield fuses, heated front windshield relay, or the EJB / underhood fuse box.

**Cause:** At ambient temperatures approximately below 38F/4C, the heated front windshield and heated rear window will turn on automatically. This means the heated front windshield and heated rear window may be on for longer periods of time without the driver knowing. The extended operation can result in overheating of the fuses within the Engine Junction Box (EJB) / underhood fuse box.

**Action:** If there is any sign of deformation of the fuse box at any of the heated front windshield and/or rear window relay or fuse locations or the surrounding area, refer to the Service Instruction outlined below.

**PARTS:**



**NOTE:** Please refer to Microcat to ensure the correct harness is ordered against vehicle specification and VIN. Always refer to Microcat for any further supersession to this parts list.

Please refer to Table 1: ENGINE COMPARTMENT  
HARNESSES.

Quantity: 1

**TOOLS:**

Refer to Workshop Manual for any required special tools.

**WARRANTY:**



**NOTE:** Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Always refer to TOPIx to obtain the latest repair time.



**NOTE:** DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Fuse box and engine compartment harness assembly - Replace - LR4	<b>86.70.55</b>	10.4	42	LR020786
Fuse box and engine compartment harness assembly - Replace - Range Rover Sport - 5.0L NA	<b>86.70.55</b>	5.7	42	LR016012
Fuse box and engine compartment harness assembly - Replace - Range Rover Sport - 5.0L SC	<b>86.70.55</b>	5.7	42	LR016012



**NOTE: Normal Warranty policies and procedures apply.**

### **SERVICE INSTRUCTION:**

Table 1: ENGINE COMPARTMENT HARNESS



**NOTE: To assist in ordering a correct replacement harness, use the Engineering 'WERS' number located on the fitted harness / Engine Junction Box.**

ORIGINAL PART No.	ORIGINAL WERS No.	NEW PART No.	NEW WERS No.	MODEL / MODEL YEAR	DESCRIPTION
LR015770	AH22-14290-AMB	LR051852	AH22-14290-AMC	LR4 - 2010MY	5.0L OHC SGDI NA V8 PETROL - AJ133, SURROUND CAMERA SYSTEM, WITH XENON HEADLAMPS - NAS, WITH HALOGEN HEADLAMPS - NAS
LR015771	AH22-14290-ANB	LR051853	AH22-14290-ANC	LR4 - 2010MY	5.0L OHC SGDI NA V8 PETROL - AJ133, LESS FRONT CAMERA, WITH XENON HEADLAMPS - NAS, WITH HALOGEN HEADLAMPS - NAS
LR015772	AH22-14290-APB	LR051854	AH22-14290-APC	LR4 - 2010MY	5.0L OHC SGDI NA V8 PETROL - AJ133, SURROUND CAMERA SYSTEM, WITH ADAPTIVE BI-XENON HEADLAMP NAS
LR015773	AH22-14290-ARB	LR051855	AH22-14290-ARC	LR4 - 2010MY	5.0L OHC SGDI NA V8 PETROL - AJ133, LESS FRONT CAMERA, WITH ADAPTIVE BI-XENON HEADLAMP NAS
LR020753	BH22-14290-AB	LR051941	BH22-14290-AC	LR4 - 2011MY	5.0L OHC SGDI NA V8 PETROL - AJ133, LHD, (+) 'CDN/MEX/USA', SURROUND CAMERA SYSTEM, LESS ADAPTIVE BI-XENON HEADLAMPS
LR020770	BH22-14290-BB	LR051957	BH22-14290-BC	LR4 - 2011MY	5.0L OHC SGDI NA V8 PETROL - AJ133, LHD, (+) 'CDN/MEX/USA', LESS FRONT CAMERA, LESS ADAPTIVE BI-XENON HEADLAMPS
LR020784	BH22-14290-CB	LR051970	BH22-14290-CC	LR4 - 2011MY	5.0L OHC SGDI NA V8 PETROL - AJ133, LHD, (+) 'CDN/MEX/USA', SURROUND CAMERA SYSTEM, WITH ADAPTIVE BI-XENON HEADLAMP NAS
LR020786	BH22-14290-DC	LR051971	BH22-14290-DC	LR4 - 2011MY	5.0L OHC SGDI NA V8 PETROL - AJ133, LHD, (+) 'CDN/MEX/USA', LESS FRONT CAMERA, WITH ADAPTIVE BI-XENON HEADLAMP NAS
LR016010	AH32-14290-BB	LR051915	AH32-14290-BC	Range Rover Sport - 2010MY	5.0L OHC SGDI NA V8 PETROL - AJ133, LESS FRONT CAMERA, WITH XENON HEADLAMPS - NAS
LR016011	AH32-14290-CB	LR051922	AH32-14290-CC	Range Rover Sport - 2010MY	5.0L OHC SGDI NA V8 PETROL - AJ133, SURROUND CAMERA SYSTEM, WITH ADAPTIVE BI-XENON HEADLAMP NAS
LR016012	AH32-	LR051923	AH32-	Range	5.0L OHC SGDI NA V8 PETROL - AJ133, LESS

	14290-DB		14290-DC	Rover Sport - 2010MY	FRONT CAMERA, WITH ADAPTIVE BI-XENON HEADLAMP NAS
LR016013	AH32-14290-EB	LR051924	AH32-14290-EC	Range Rover Sport - 2010MY	5.0L OHC SGDI SC V8 PETROL - AJ133, SURROUND CAMERA SYSTEM, WITH WIRING HARNESS - NAS
LR016014	AH32-14290-BGB	LR051920	AH32-14290-BGC	Range Rover Sport - 2010MY	5.0L OHC SGDI SC V8 PETROL - AJ133, LESS FRONT CAMERA, WITH WIRING HARNESS - NAS
LR020861	BH32-14290-AC	LR051984	BH32-14290-AD	Range Rover Sport - 2011MY	5.0L OHC SGDI NA V8 PETROL - AJ133, LHD, (+) 'CDN/MEX/USA', LESS ACE SUSPENSION, SURROUND CAMERA SYSTEM, WITH XENON HEADLAMPS - NAS
LR020879	BH32-14290-BC	LR052001	BH32-14290-BD	Range Rover Sport - 2011MY	5.0L OHC SGDI NA V8 PETROL - AJ133, LHD, (+) 'CDN/MEX/USA', LESS ACE SUSPENSION, LESS FRONT CAMERA, WITH XENON HEADLAMPS - NAS
LR020880	BH32-14290-CC	LR052004	BH32-14290-CD	Range Rover Sport - 2011MY	5.0L OHC SGDI NA V8 PETROL - AJ133, LHD, (+) 'CDN/MEX/USA', LESS ACE SUSPENSION, SURROUND CAMERA SYSTEM, WITH ADAPTIVE BI-XENON HEADLAMP NAS
LR020881	BH32-14290-DC	LR052009	BH32-14290-DD	Range Rover Sport - 2011MY	5.0L OHC SGDI NA V8 PETROL - AJ133, LHD, (+) 'CDN/MEX/USA', LESS ACE SUSPENSION, LESS FRONT CAMERA, WITH ADAPTIVE BI-XENON HEADLAMP NAS
LR020882	BH32-14290-EC	LR052010	BH32-14290-ED	Range Rover Sport - 2011MY	5.0L OHC SGDI SC V8 PETROL - AJ133, LHD, (+) 'CDN/MEX/USA', WITH ACE SUSPENSION, SURROUND CAMERA SYSTEM, WITH ADAPTIVE BI-XENON HEADLAMP NAS
LR020883	BH32-14290-FC	LR052011	BH32-14290-FD	Range Rover Sport - 2011MY	5.0L OHC SGDI SC V8 PETROL - AJ133, LHD, (+) 'CDN/MEX/USA', WITH ACE SUSPENSION, LESS FRONT CAMERA, WITH ADAPTIVE BI-XENON HEADLAMP NAS
LR023253	BH32-14290-CBA	LR052002	BH32-14290-CBB	Range Rover Sport - 2011MY	5.0L OHC SGDI SC V8 PETROL - AJ133, LHD, (+) 'CDN/MEX/USA', WITH ACE SUSPENSION, SURROUND CAMERA SYSTEM, WITH XENON HEADLAMPS - NAS
LR023254	BH32-14290-CCA	LR052003	BH32-14290-CCB	Range Rover Sport - 2011MY	5.0L OHC SGDI SC V8 PETROL - AJ133, LHD, (+) 'CDN/MEX/USA', WITH ACE SUSPENSION, LESS FRONT CAMERA, WITH XENON HEADLAMPS - NAS

1.  **NOTE: To assist in ordering a correct replacement harness, use the Engineering 'WERS' number located on a tag on the fitted harness / Engine Junction Box (EJB).**

Remove the heated front windshield and/or heated rear window relays and fuses from their cavities:

- If there are any signs of deformation of the underhood fuse box (Engine Junction Box [EJB]) within the surrounding area of the heated front windshield and/or rear window relays and fuse cavities, replace the engine compartment harness.
2. Replace fuse box and engine compartment harness assembly (see Topix Workshop Manual, Section 418-00).