

TECHNICAL BULLETIN  
LTB00660NAS1  
22 MAY 2014



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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: 418-02**

Front / Rear Bumper Harness Protective Sleeve

**AFFECTED VEHICLE RANGE:**

**LR4 (LA)**

**Model Year:** 2010-2013

**VIN:** AA510178-DA664194

**Range Rover Sport (LS)**

**Model Year:** 2010-2013

**VIN:** AA215623-DA790203

**MARKETS:**

NAS

**CONDITION SUMMARY:**

**Situation:** The front and/or rear Parking Aid system may be inoperative.

**Cause:** This may be caused by a corroded wiring harness at the front and/or rear bumper harnesses.

**Action:** Should a customer express this concern, follow the appropriate Service instruction [A or B] outlined below.

**PARTS:**

LR060969	Protective sleeve - Front bumper harness	Quantity: 1
LR060970	Protective sleeve - Rear bumper harness	Quantity: 1

**TOOLS:**

No Tools Required

**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
Front bumper cover - Remove/refit - LR4 (L319)	<b>76.22.72.99</b>	1.0	42	LR030234
Rear bumper cover - Remove/refit - LR4 (L319)	<b>76.22.74.99</b>	0.8	42	LR015500
Front bumper cover - Remove/refit - Range Rover Sport (L320)	<b>76.22.72.99</b>	0.6	42	LR030235
Rear bumper cover - Remove/refit - Range				

Rover Sport (L320)	<b>76.22.74.99</b>	0.6	42	LR016237
Protective sleeve - Front bumper harness - Install	<b>86.71.89.53</b>	0.3	42	LR030234
Protective sleeve - Rear bumper harness - Install	<b>86.71.89.54</b>	0.3	42	LR016237



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

## **SERVICE INSTRUCTION A - Front Bumper Harness**

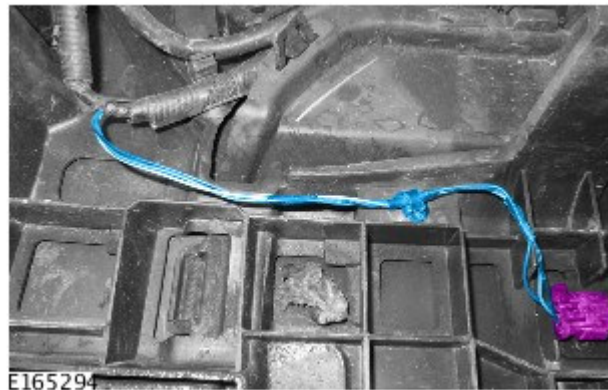


**NOTE: Prior to performing the Service Instruction, corroded or damaged wires in the front and/or rear bumper harness must be repaired using the harness repair kit (see TOPIx Workshop Manual, section 418-02, for additional information on harness repair). To be carried out as a separate claim.**



**NOTE: After installation, the protective sleeve must be spiral taped -- not fully taped.**

1. Remove the front bumper cover to expose the complete wiring harness (see TOPIx Workshop Manual, section 501-19).
2. Location of the front Parking Aid system sensor wiring harness.

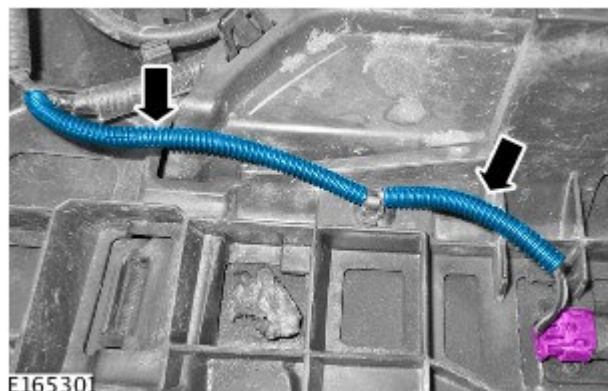


3. **NOTE: There must be a minimum of 30mm between the connector and the end of the bumper harness protective sleeve.**

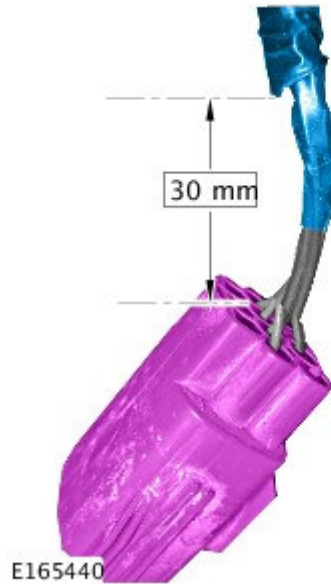


**NOTE: Repeat this procedure on the four Parking Aid system sensors.**

Install the front bumper wiring harness protective sleeve to the front Parking Aid system sensor harness on both sides of the securing clip.



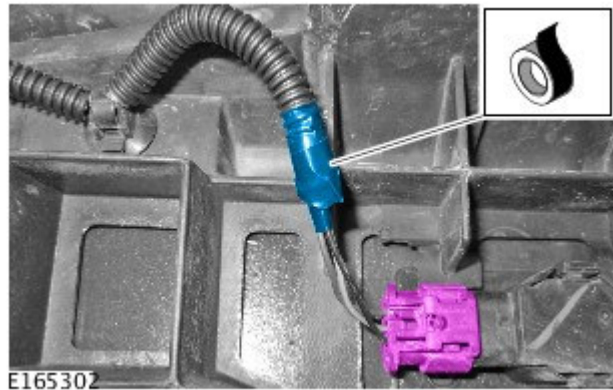
4. There must be a minimum of 30mm between the electrical connector and the protective sleeve.



5. **NOTE: Make sure the protective sleeve is a minimum of 30mm from the electrical connector.**

**NOTE: Repeat this procedure on all front Parking Aid system sensors.**

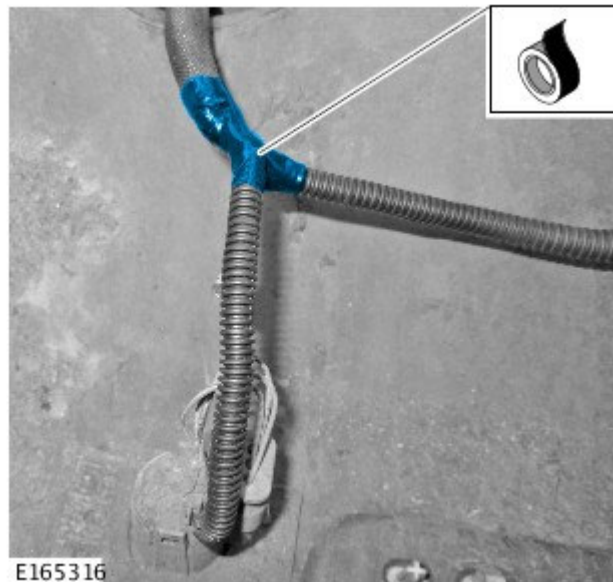
Use suitable tape to secure the end of the protective sleeve to the front Parking Aid system sensor wiring harness.



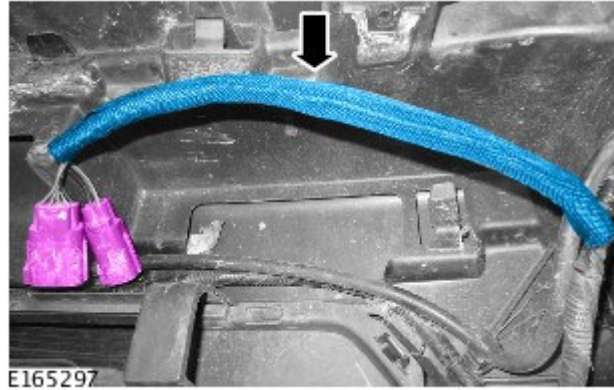
6. **NOTE: Repeat this procedure on all front bumper wiring harness joints where the protective sleeve is installed.**


**NOTE: Repeat this procedure on all front Parking Aid system sensors.**

Use suitable tape to secure the end of the protective sleeve to the front Parking Aid system sensor harness.

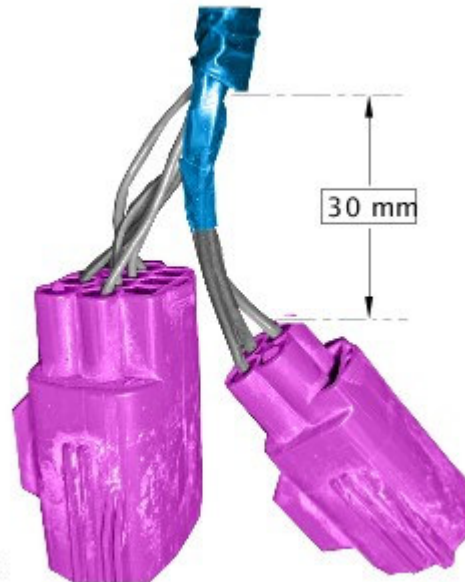


7. Wrap the main connector wiring harness in the 4.5mm protective sleeve.



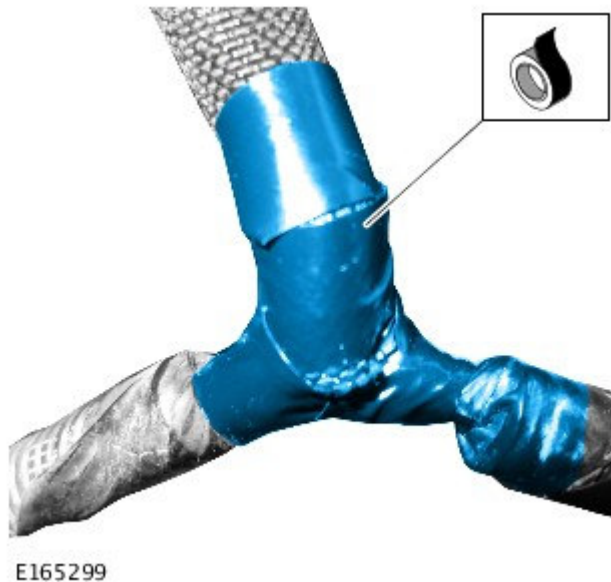
8.  **NOTE: There must be a minimum of 30mm between the electrical connector and the protective sleeve.**

Use suitable tape to secure the protective sleeve to the front Parking Aid system sensor wiring harness.



9.  **NOTE: Repeat this procedure on all bumper wiring harness joints.**

Use suitable tape to secure the end of the protective sleeve to the front Parking Aid system sensor wiring harness.



10. Install the front bumper cover (see TOPIX Workshop Manual, section 501-19).

11. Check the operation of the Parking Aid system.

### **SERVICE INSTRUCTION B - Rear Bumper Harness**

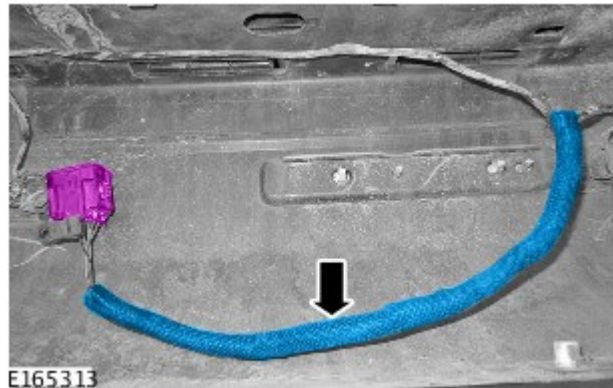


**NOTE:** Prior to performing the Service Instruction, corroded or damaged wires in the front and/or rear bumper harness must be repaired using the harness repair kit prior to performing the Service Instruction (see TOPIx Workshop Manual, section 418-02, for additional information on harness repair). To be carried out as a separate claim.



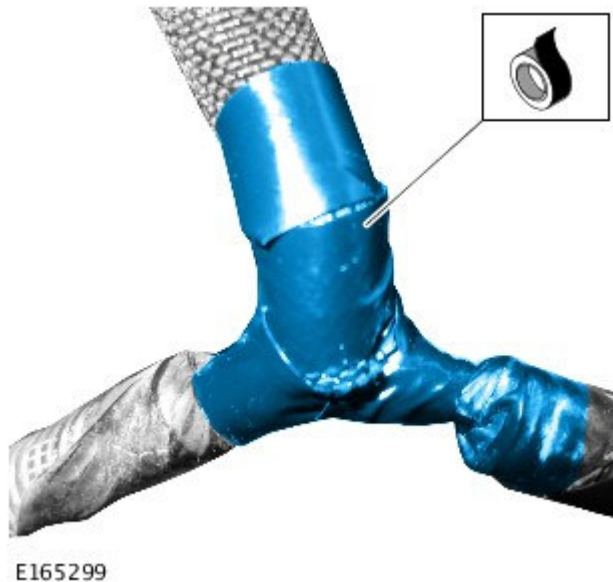
**NOTE:** After installation, the protective sleeve must be spiral taped and not fully taped.


1. Remove the rear bumper cover to expose the complete wiring harness. (see TOPIx Workshop Manual, section 501-19).
2. Install the 4.5mm sleeve to the rear bumper wiring harness.



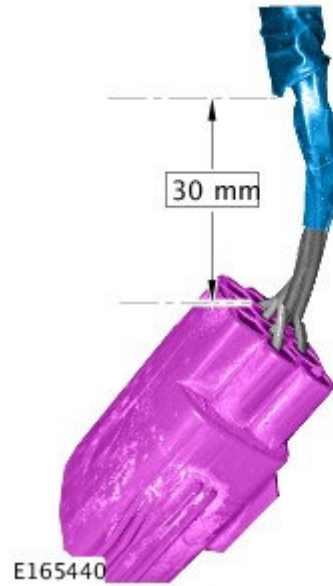
3.  **NOTE:** Repeat this procedure on all bumper wiring harness joints.

Use suitable tape to secure the end of the protective sleeve to the rear Parking Aid system sensor wiring harness.



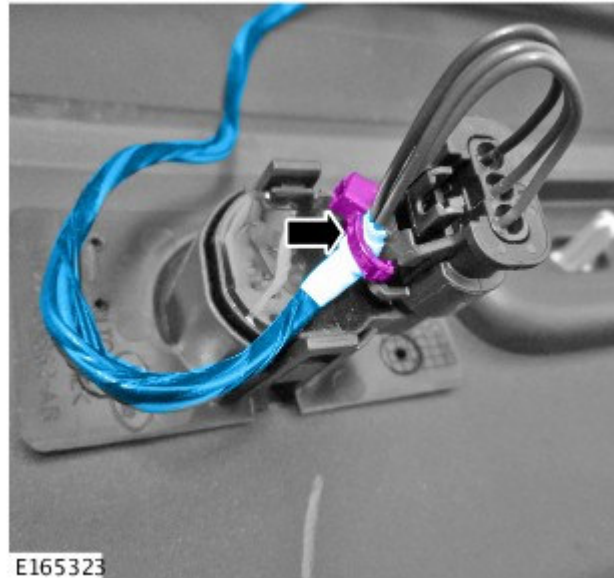
4.  **NOTE:** There must be a minimum of 30mm between the electrical connector and the protective sleeve.

Use suitable tape to secure the protective sleeve to the rear Parking Aid system sensor wiring harness.



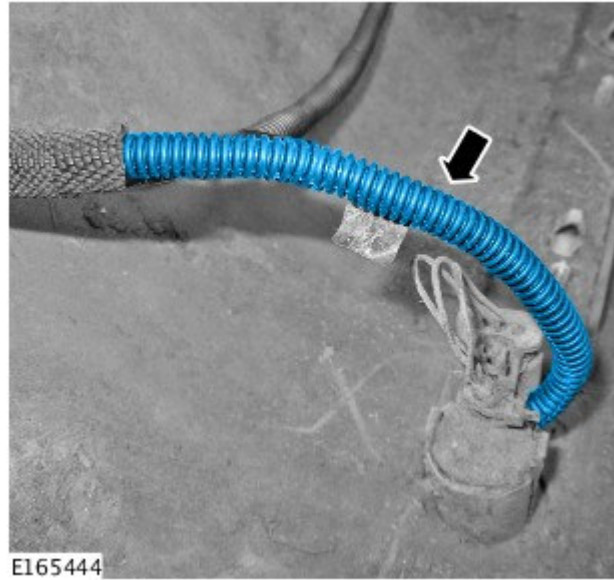
5.  **NOTE: Repeat this procedure on all rear Parking Aid system sensors.**

Make sure the rear Parking Aid system sensor wiring harness is located correctly on the cable tie.



6.  **NOTE: Repeat this procedure on all rear Parking Aid system sensors.**

Install the protective sleeve on the rear Parking Aid system sensor wiring harness.

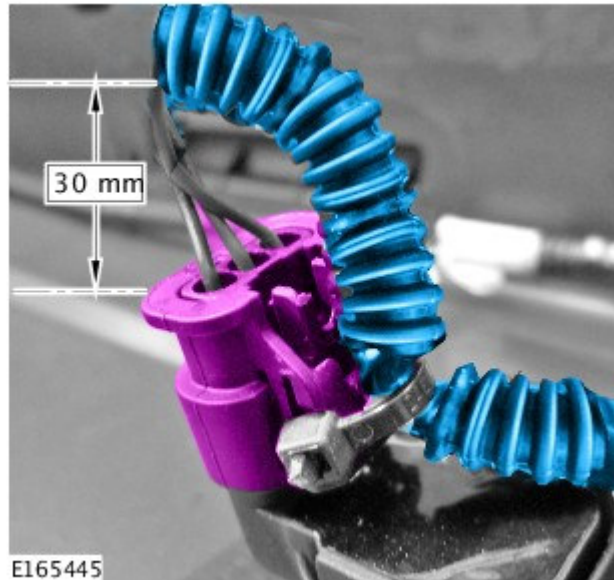


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7.  **NOTE: Repeat this procedure on the four bumper sensors.**

 **NOTE: Make sure the protective sleeve is a minimum of 30mm from the electrical connector.**

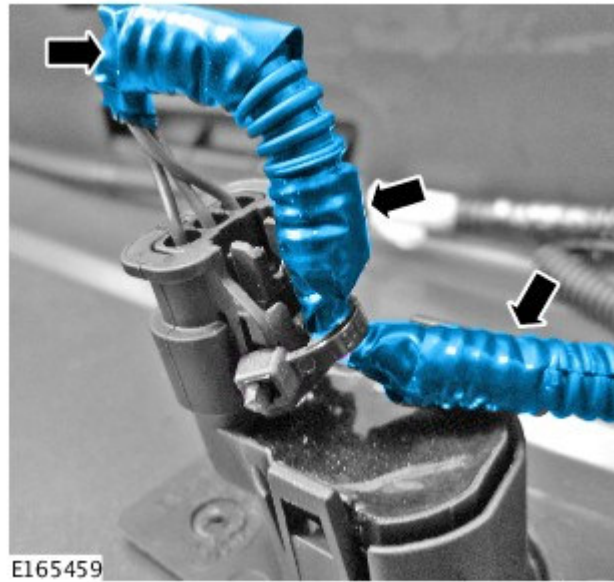
Install the protective sleeve on the rear Parking Aid system sensor wiring harness.



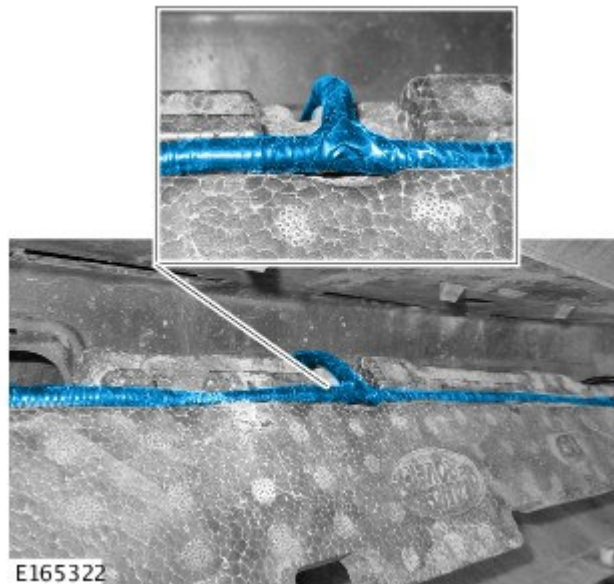
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8.  **NOTE: Repeat this procedure on all rear Parking Aid system sensors.**

Use suitable tape to secure the end of the protective sleeve to the rear Parking Aid system sensor wiring harness.



- 9. Secure the rear Parking Aid system sensor wiring harness into the wiring harness channel.



- 10. Install the rear bumper cover (see TOPIX Workshop Manual, section 501-19).
- 11. Check the operation of the Parking Aid system.