



# Technical Service Bulletin

No.LS413-002  
19 July 2006

<b>Subject/Concern:</b> Range Rover Sport - Front Parking Aid False Warnings
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<b>Models:</b>		
Range Rover Sport (LS)	Vehicles with front parking aids	Vehicles with front parking aids VIN-range: 5A900109-6A960177

**Markets:** All **Section:** 413-13

A customer may report a concern that the front parking aid system sounds unnecessarily.

**Cause:** The current system strategy means that the front parking sensors will operate when a forward gear is selected following reverse. Sensor operation is canceled when the vehicle speed is above 10mph (16kph) but will operate again if the speed drops below 10mph (16kph). This can give instances of sensor warnings when the vehicle stops at a junction and another vehicle or pedestrian passes in front of the vehicle, resulting in the above complaint. This is not a fault with the parking system, however, an alternative system strategy is available so that the system operation is canceled when the vehicle speed is above 10mph (16kph) and will not operate again until the vehicle speed is below 10mph (16kph) and the fascia front parking aid switch is selected (or until a forward gear is selected following reverse gear selection during parking).

**Action:** On a customer concern basis only regarding the above, refer to the Service Procedure detailed in this bulletin to renew the parking aid system control module. The new system operation must be explained to the customer.

<b>Summary:</b>
A customer may report a concern that the front parking aid system sounds unnecessarily.
<b>Cause:</b> The current system strategy means that the front parking sensors will operate when a forward gear is selected following reverse. Sensor operation is canceled when the vehicle speed is above 10mph (16kph) but will operate again if the speed drops below 10mph (16kph). This can give instances of sensor warnings when the vehicle stops at a junction and another vehicle or pedestrian passes in front of the vehicle, resulting in the above complaint. This is not a fault with the parking system, however, an alternative system strategy is available so that the system operation is canceled when the vehicle speed is above 10mph (16kph) and will not operate again until the vehicle speed is below 10mph (16kph) and the fascia front parking aid switch is selected (or until a forward gear is selected following reverse gear selection during parking).
<b>Action:</b> On a customer concern basis only regarding the above, refer to the Service Procedure detailed in this bulletin to renew the parking aid system control module. The new system operation must be explained to the customer.

**NOTE:** The new software strategy is contained within the new control modules below and is installed to vehicles from the closing VIN above.

<b>Parts Required:</b>		
<b>Description</b>	<b>Part Number</b>	<b>Quantity</b>
Parking aid control module	YWC500550	1

<b>Labour Time:</b>		
<b>Operation Description</b>	<b>Operation No.</b>	<b>Time</b>
Parking aid module - renew	86.54.10	0.40 hours

<b>Repair/Claim Coding:</b>	
<b>Causal Part:</b>	YWC500313
<b>ACES Condition Code:</b>	42
<b>Defect Code:</b>	

### Service Procedure

**NOTE:** The new system operation must be explained to the customer.

1. Disconnect the battery ground cable.
2. Remove the left-hand rear quarter trim panel.
3. Remove the parking aid module:
  1. Remove the two screws.
  2. Disconnect the three electrical connectors.
4. Renew the parking aid module:
  1. Connect and secure the electrical connectors.
  2. Tighten the screws.
5. Install the rear quarter trim panel.
6. Connect the battery ground cable.