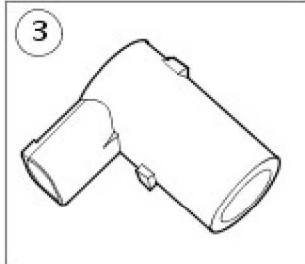
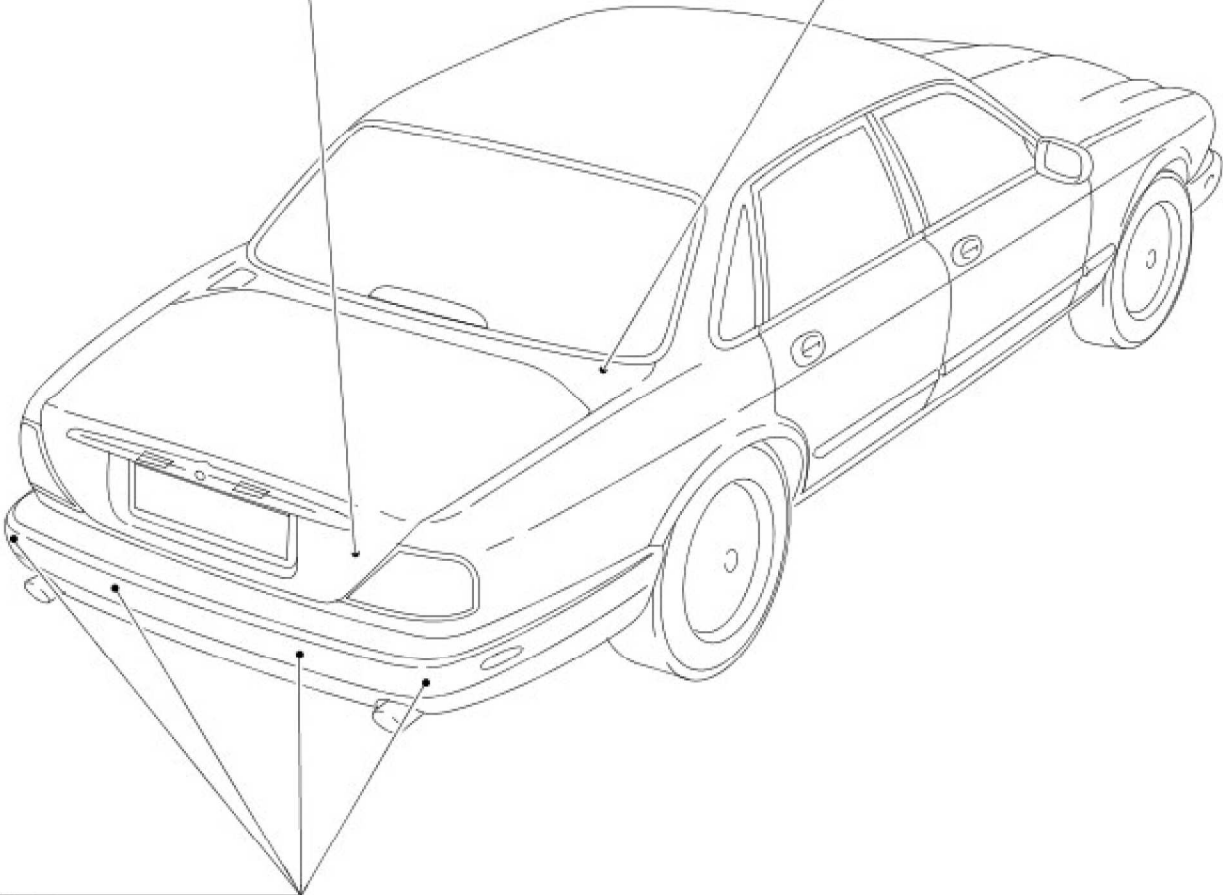
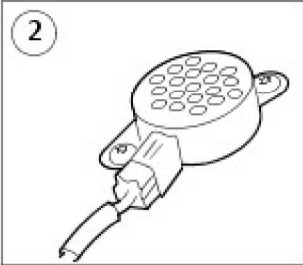
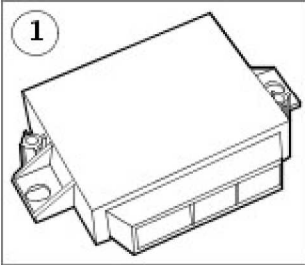


# Parking Aid - Parking Aid

Description and Operation



Item	Part Number	Description
1	—	Parking aid module
2	—	Rear parking aid speaker
3	—	Rear parking aid sensors

The function of the parking aid is to provide an audible warning to the driver of the distance to obstacles near the rear bumper of the vehicle when parking or travelling at a slow speed. The system provides an assistance to the driver when parking in order to help avoid collision with obstacles.

The sensor range at the rear of the vehicle should be 1.8 meters. This should extend the full width of the rear bumper and reduce to 50 cm at the vehicle corners. The vertical range is adequate to protect the highest and lowest points of the rear of the vehicle. The system will detect curbs with heights of at least 18 cm. Obstacles, such as curbs, that are low enough to pass under the vehicle until they make contact with the tires will not be detected.

The system activates a specific speaker with a tone signifying the distance to the obstacle. The tone consists of a beep and defined space ratio which varies depending on the calculated distance. When the distance to the obstacle is less than 20 cm the speaker tone is continuous.

The parking aid is continuously in operation, unless towing when the system automatically switches off. If the reverse aid develops a fault the tone will sound continuously for three seconds when the ignition is switched on or the reverse gear is selected.

The parking aid system comprises of:

- a module mounted in the battery junction box (BJB).
- four rear bumper mounted sensors which have a 90° angled electrical connector.
- an audible speaker, mounted on the rear parcel shelf.

# Parking Aid - Parking Aid

Diagnosis and Testing

## Inspection and Verification

1. **1.** Verify the customer concern.
2. **2.** Visually inspect for obvious signs of mechanical or electrical damage.

### Visual Inspection Chart

Electrical
<ul style="list-style-type: none"><li>● Fuse(s)</li><li>● Relay(s)</li><li>● Wiring Harness</li><li>● Electrical connector(s)</li><li>● Rear parking aid sensor(s)</li><li>● Rear parking aid speaker</li><li>● Reversing lamp switch</li><li>● Parking aid module</li></ul>

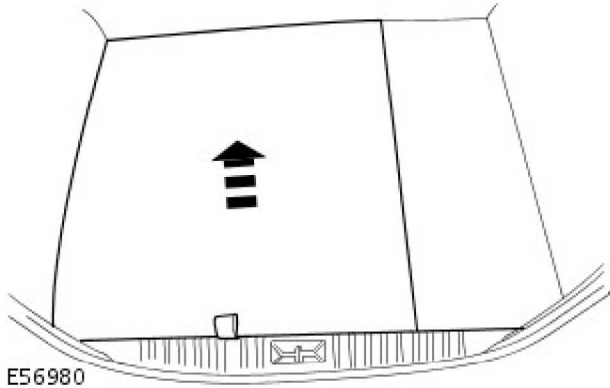
3. **3.** If an obvious cause for an observed or reported concern is found, correct the cause (if possible) before proceeding to the next step
4. **4.** If the cause is not visually evident, verify the symptom and refer to the Jaguar approved diagnostic system.

# Parking Aid - Parking Aid Module

Removal and Installation

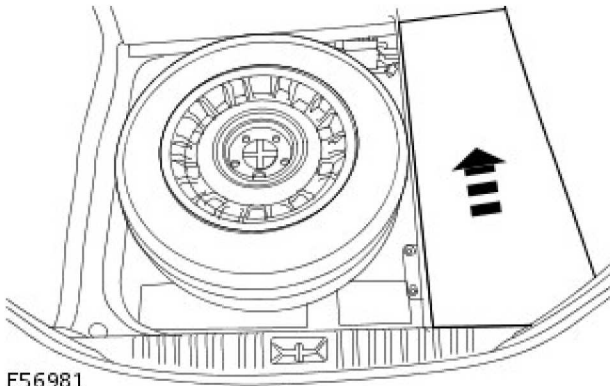
## Removal

1. Remove the luggage compartment floor panel.



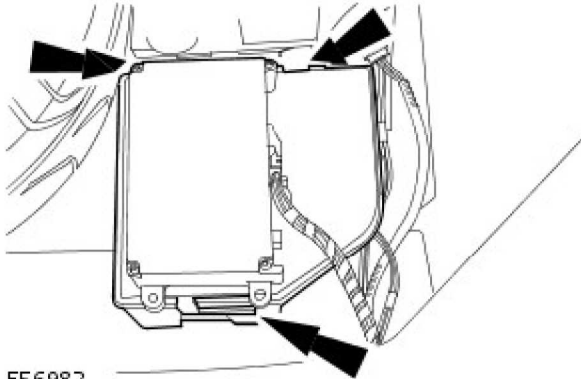
E56980

2. Remove the battery cover.



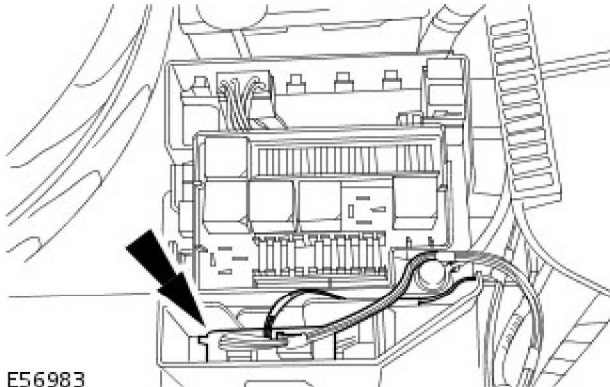
E56981

3. Reposition the cover from the battery junction box (BJB).



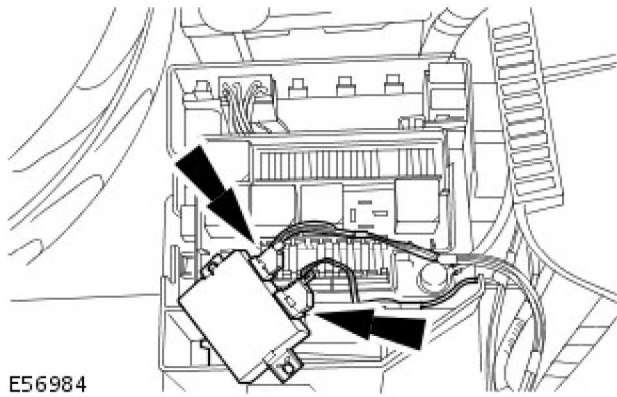
E56982

4. Reposition the parking aid module.



E56983

5. Remove the parking aid module.



E56984

- Disconnect the electrical connectors.

### **Installation**

1. To install, reverse the removal procedure.

