

Refinishing Park Assist Sensors: Jaguar Land Rover



Park assist sensors are part of the park assist system, just one of many advanced driver assistance systems (ADAS) found on vehicles today. Damaged sensors are typically replaced and may require painting to match the vehicle. Vehicle makers often provide information on the painting of new sensors. Some vehicle makers do not recommend refinishing sensors with minor finish damage because excessive paint thickness may adversely affect the operation of the park assist system. However, other vehicle makers allow refinishing and provide guidelines. Let's see what Jaguar Land Rover (JLR) has to say.

Most late model JLR vehicle-specific Workshop manuals provide information pertaining to refinishing park assist sensors. It is typically found under: 401-01 Parking Aid Description And Operation in the Service Precautions - Parking Aid Sensor Refinish area of the document.

Per the Workshop manual: "The factory installed sensors can be either powder coated or wet painted and cannot be re-painted."

JLR provides maximum paint film thickness which includes the electro-coated layer. Be sure to note other precautions, such as temperature limits and areas of the sensor which cannot be coated.

Removal and installation procedures for park assist sensors also state: "If a new sensor is installed, make sure that the area illustrated is the only area painted. Failure to follow this instruction may result in the component malfunctioning."

Improper refinishing of the sensor might lead to sensor malfunction. Follow OEM procedures and warnings to help ensure a complete, safe, and quality repair.

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