

<b>Reference</b>	SSM75897
<b>Models</b>	New Range Rover / L460 New Range Rover Sport / L461
<b>Title</b>	A Knocking Noise or Vibration from The Rear of The Vehicle When Braking
<b>Category</b>	Chassis
<b>Last modified</b>	23-Nov-2022 00:00:00
<b>Symptom</b>	302000 Parking Brake System
<b>Attachments</b>	SSM75897_L460 & L461_Rear_Disc_Brake_Vibration_&_Clean_PDF.pdf (SSM75897_L460 & L461_Rear_Disc_Brake_Vibration_&_Clean_PDF.pdf)

<b>Content</b>	<p><b><u>Issue:</u></b> JAGUAR LAND ROVER is investigating customers reporting a knock noise or vibration from the rear of the vehicle, during braking at any vehicle speed.</p> <p><b><u>Cause:</u></b> This is due to the vehicle being parked for extended periods of time, with the Electronic Park Brake (EPB) applied, resulting in the rear brake pad(s) binding itself to the disc(s) and subsequently leaving pad marks on the brake disc face.</p> <p><b><u>Action:</u></b> Please carry out the following.</p> <ol style="list-style-type: none"> <li>1. Confirm the customer issue is from the rear brakes during a road test</li> </ol> <p><b>Please note when road testing PHEV vehicles, ensure the brake applications below 40Kph/25mph, to achieve hydraulic braking</b></p> <p>If the issue is not from the rear, do not complete the following steps and refer to workshop manual</p> <ol style="list-style-type: none"> <li>2. Inspect the condition of the rear brake discs for pad marks or pad debris on the brake disc face. If there is brake pad mark(s)/debris, like the attached image 1, please remove the brake discs for cleaning</li> </ol> <p>Following the relevant topix procedures ((206-04 REAR DISC BRAKE &gt; BRAKE DISC - VEHICLES WITH: 355MM BRAKE DISC Or 206-04 REAR DISC BRAKE &gt; BRAKE DISC - VEHICLES WITH: 370MM BRAKE DISC)</p> <p><b>Please note the requirement to enable the integrated power brake to the assembly mode and the electric park brake (EPB) to the maintenance position.</b></p> <ol style="list-style-type: none"> <li>3. Once the brake disc is removed, using a 150-grit emery cloth, or similar for metal sanding, apply strokes across the disc face (see image 2), on both sides of the brake disc, until the brake pad</li> </ol>
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mark(s)/debris have been removed, (see image 2)

**Please note the requirement to disable the integrated power brake to the assembly mode and the electric park brake (EPB) to the maintenance position.**

**4. Road test vehicle to confirm issue resolved.**

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