

SSM75873 - Front Brake Noise On Brake Application



Reference	SSM75873
Models	New Range Rover / L460
Title	Front Brake Noise On Brake Application
Category	Chassis
Last modified	21-Oct-2022 00:00:00
Symptom	301000 Service Brake System
Content	<p>Issue: A customer may report a squeal type sound from the front brakes when the footbrake is applied while the vehicle is in motion. Affecting L460 fitted with 400mm front brake disc and 6 piston fixed calliper models only.</p> <p>Note: This Special Service Message (SSM) relates to brake squeal only. If a customer reports any other type of sound e.g groaning/ grinding/ vibration e.t.c then follow the brake system diagnostic path in the TOPIx Workshop Manual 206-00 and do not continue to follow this SSM.</p> <p>Cause: Currently under analysis.</p> <p>Action: Please carry out the following steps if a customer reports noise from the service brakes during brake pedal application.</p> <ol style="list-style-type: none"> 1. Check all brake pads/ discs/ brake shields are free from obstruction or debris. 2. Check condition of brake pads and discs for excessive wear and replace as appropriate if they are worn below the minimum pad or disc thickness. 3. If the brake discs/ pads are not showing signs of excessive wear determine which wheel assembly (LHF/RHF/LHR/RHR) is emitting the noise. 4. If the noise is from the front brakes, please submit an electronic Product Quality Report (ePQR) with the following information: <ul style="list-style-type: none"> • Sound recording when the noise is present using a suitable sound recording device • Approximate vehicle speed during occurrence • Approximate ambient temperature during occurrence • If the noise occurs at the start of the drive cycle or when the brakes are fully warm after a period of travel