

Models LD - Defender

Title L316 Defender Front Brake Pad Rattle

Last Modified 29-APR-2008 16:26

Category Chassis

Symptom 301000 Service Brake System

L316 Defender Brake Pad Rattle

Concern: A single 'click' or 'rattle' sound may be heard from the front/ rear brakes under any of the following circumstances:

1. On initial application of the foot brake the 'click' or 'rattle' noise disappears until the pedal is released and re-applied.
2. As the suspension travels over road irregularities with the brake pedal released.
3. As the wheel rotates with the brake pedal released - if this is the case check the brake disc run out to ensure it is within the specified tolerance (see GTR for Manufacturer's specification). If out of tolerance determine whether the brake discs or the hubs are the root cause and replace as necessary.

Content Cause: The sound is emitted as the brake pad travels in an upward movement upon application of the foot brake or over road irregularities taking up free play clearance that is necessary between the brake caliper and pad to ensure the brakes do not bind where the vehicle is used for all terrain purposes.

Action: Please do not replace the brake pads or calipers for any of the conditions above as there will be no improvement in audible quality. Ensure all brake caliper and suspension fixings are secure and the noise is not generated from another component on the vehicle.

A Technical Service Bulletin will be issued shortly to rectify the concern for noise produced by the front brakes only. If the noise appears to be from the rear brakes, please continue to submit ePQRs so that Engineering can carry out further evaluation.