

Reference	SSM76404
Models	Defender / L663 Discovery / L462 New Range Rover / L460 New Range Rover Sport / L461
Title	Rear Driveline Click - Noise
Category	Driveline
Last modified	18-Feb-2026 16:23:00
Symptom	597997 Driveline Noise Concerns
Attachments	20250327_152057.mp4 (20250327_152057.mp4) SSM76404_Attachment 2.0.jpg (SSM76404_Attachment 2.0.jpg) SSM76404_attachment 1.0.png (SSM76404_attachment 1.0.png)
Content	<p><u>Model / Model Year / Derivative</u> DISCOVERY / 22MY onwards / All derivatives DEFENDER / 22MY onwards / All derivatives RANGE ROVER / 23MY onwards / All derivatives RANGE ROVER SPORT / 23MY onwards / Excluding SV Variant</p> <p><u>Situation:</u> JLR Engineering investigations have found that some vehicles may exhibit a 'clicking' noise from the rear of the vehicle. The noise may be heard from one or both sides of the vehicle when moving forwards or backwards.</p> <p><u>Action:</u> Refer to the service information below.</p> <p><u>Service Information:</u> NOTE: *An allowance equivalent to £8 Sterling: ZZZ001 for 100g Castrol Molub-Alloy Paste White T for 2 vehicle applications.</p>

1. Remove the rear wheel knuckle(s) (See TOPIx Workshop Manual section 204-02: Rear Suspension Removal and Installation – Wheel Knuckle)
2. Use a suitable cleaning fluid to clean rear halfshaft spline(s) (See attached image 1)
3. Apply Castrol Molub-Alloy Paste White T grease to the halfshaft face(s) on the rear halfshaft(s). (See attachment, image 2 showing Castrol Molub-Alloy Paste White T grease being applied to the rear halfshaft face, image 2 shows condition following application)
4. Install rear wheel knuckle(s) (see TOPIx Workshop Manual section 204-02: Rear Suspension – Removal and Installation – Wheel Knuckle).
5. Torque new rear halfshaft nuts to below specification:

Stage 1: 300 Nm

Stage 2: -90 deg

Stage 3: 135 Nm

Stage 4: 60 deg

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