

<b>Reference</b>	SSM76404
<b>Models</b>	Defender / L663 Discovery / L462 New Range Rover / L460 New Range Rover Sport / L461
<b>Title</b>	Rear Driveline Click - Noise
<b>Category</b>	Driveline
<b>Last modified</b>	12-May-2026 13:03:00
<b>Symptom</b>	597997 Driveline Noise Concerns
<b>Attachments</b>	1120250327_152057.mp4 (1120250327_152057.mp4) 11SSM76404_Attachment 2.0.jpg (11SSM76404_Attachment 2.0.jpg) 11SSM76404_attachment 1.0.png (11SSM76404_attachment 1.0.png)
<b>Content</b>	<p><b><u>Model / Model Year / Derivative</u></b> DISCOVERY / 22MY onwards / All derivatives DEFENDER / 22MY onwards / All derivatives RANGE ROVER / 22MY onwards / All derivatives RANGE ROVER SPORT / 23MY onwards / All derivatives</p> <p><b><u>Situation:</u></b> 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><b><u>Action:</u></b> Refer to the service information below.</p> <p><b><u>Service Information:</u></b> 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:

**Range Rover / Range Rover Sport**

Stage 1: 300 Nm

Stage 2: -90 deg.

Stage 3: 135 Nm

Stage 4: 60 deg.

**Discovery / Defender**

Stage 1: 300 Nm

Stage 2: -90 deg.

Stage 3: 120 Nm

Stage 4: 60 deg.

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