

<b>Reference</b>	SSM71893
<b>Models</b>	LR4 / L319 Range Rover / L322 Range Rover Sport / L320
<b>Title</b>	AJ133 chain tensioner repair - bulletin LTB00474 version 2
<b>Category</b>	Engine
<b>Last modified</b>	05-Jan-2015 00:00:00
<b>Symptom</b>	497000 Engine Noise
<b>Attachments</b>	blade.pdf

**Content**      **Issue:** Customers report a repeat issue of engine noise from the timing chain system, after the vehicle had previously been repaired.

**Cause:** The timing chain was not at the correct tension. This was caused by the full repair procedure in TSB LTB00474 not being followed - a complete set of timing chain tensioners and blades were not fitted.

**Action:** Follow TSB LTB00474 version 2 and replace both pairs of tensioners and blades using the part numbers listed in the technical bulletin. The tensioner blades now have a steel insert to help prevent wear. The design of the tensioner has also changed to match the revised blades. An engine must not have a mix of old level and new level parts fitted. For reference, a picture is attached showing typical wear of the old design tensioner blade, without the steel insert.

