

Reference	SSM71893
Models	LR4 / L319 Range Rover / L322 Range Rover Sport / L320
Title	AJ133 chain tensioner repair - bulletin LTB00474 version 2
Category	Engine
Last modified	01-Jul-2014 00:00:00
Symptom	497000 Engine Noise
Attachments	blade.pdf
Content	<p>Issue: Customers report a repeat issue of engine noise from the timing chain system, after the vehicle had previously been repaired.</p> <p>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.</p> <p>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.</p>

