

Reference	SSM46477
Models	LR2 / L359
Title	Freelander 2 Rear Differential Noise with reference to LTB00342
Category	Driveline
Last modified	25-Nov-2010 00:00:00
Symptom	509000 Axle Concerns
Attachments	Haldex GEN3 & GEN4 .pdf (Haldex GEN3 & GEN4 .pdf)
Content	<p><u>Issue:</u></p> <p>Excessive rumble/humming noise or high pitched whine coming from the rear of the vehicle</p> <p><u>Cause:</u></p> <p>Root cause, Pinion Tail Bearing spalling caused by subsurface material deformation. Cause of subsurface deformation is static overload.</p> <p><u>Action:</u></p> <p>For reported concerns where LTB00342 (Rear Differential Lower Level Repair) has been carried out or if a Rear differential is replaced:-</p> <p>Please be aware that a software update has been made available to help prevent premature pinion bearing failure in the future. This update should only be applied to the Haldex Coupling control module if the lower level pinion bearing repair has been carried out or if the rear differential assembly has been replaced.</p> <p>Note ! This software is only available for Generation 4 Haldex couplings which were fitted from Start of 2009 MY vehicle manufacture. A number of Vehicles built before 2009 MY originally fitted with a Generation 3 coupling, may have since been fitted with a Generation 4 coupling during service repair and could also have this software update applied if required.</p> <p>The updated Haldex Reverse torque limitation software was made available from DVD 123 Patch 08 with software management pack 56 or later.</p> <p>(Please see attached file to help identify if vehicle is fitted with a Generation 3 or Generation 4 haldex Coupling)</p>

Pump Assembly Black



GEN3

Pump Assembly Silver



GEN4