

<b>Reference</b>	SSM71937
<b>Models</b>	Range Rover / L405 Range Rover Evoque / L538 Range Rover Sport / L494
<b>Title</b>	Steering Rack / Tie Rod Damage Identification
<b>Category</b>	Chassis
<b>Last modified</b>	04-Dec-2014 00:00:00
<b>Symptom</b>	303000 Steering/Handling
<b>Attachments</b>	1Tie Rod and Seat Material Damage Identification.pdf
<b>Content</b>	<p><u>Issue:</u> Customer reports vehicle steering is stiff or a noise is coming from the steering gear internals. There may be no fault codes or warning lights present.</p> <p><u>Cause:</u> Side impact to the vehicle wheels.</p> <p><u>Action:</u> If there is a steering fault (Stiff or internally Noisy), and it is suspected this may have come from accident damage inspect the steering gear and vehicle for signs of impact damage paying particular attention to the following:(These external symptoms correlate to internal damage, but both may not always be present, due to the type of impact)</p> <p>Tie-rod bending (see pictorial help)</p> <ul style="list-style-type: none"><li>• Damage of seat material at inner tie-rod joint (see pictorial help)</li></ul> <p>If no damage is found, ensure the correct boots and clips are accurately replaced to prevent water ingress. (see Microcat)</p>

Tie Rod Bending:



## Damage of seat material

