

Reference	SSM71937
Models	Range Rover / L405 Range Rover Evoque / L538 Range Rover Sport / L494
Title	Steering Rack / Tie Rod Damage Identification
Category	Chassis
Last modified	04-Dec-2014 00:00:00
Symptom	303000 Steering/Handling
Attachments	1Tie Rod and Seat Material Damage Identifcation.pdf (1Tie Rod and Seat Material Damage Identifcation.pdf)

Content

Issue: 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.

Cause: Side impact to the vehicle wheels.

Action: 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)

Tie-rod bending (see pictorial help)

- Damage of seat material at inner tie-rod joint (see pictorial help)

If no damage is found, ensure the correct boots and clips are accurately replaced to prevent water ingress. (see Microcat)

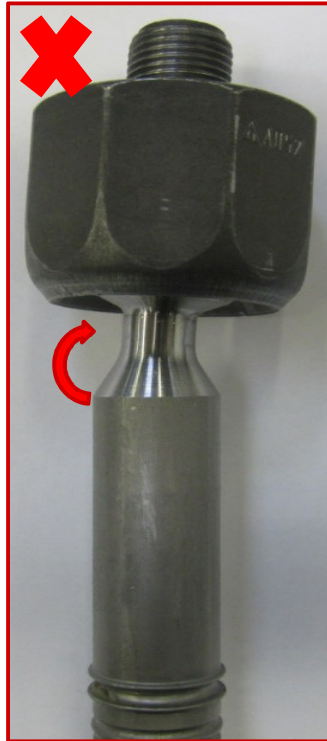
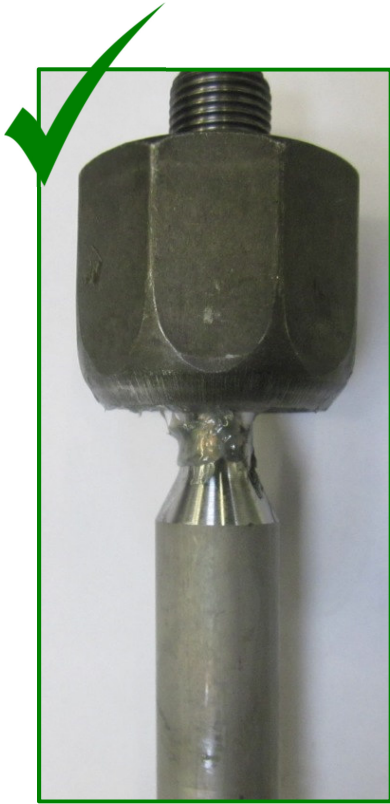
Technicians - Please rate this SSM and provide comments so that future communications can be improved.

1 = Poor – Basic information provided – The SSM does not help me resolve the customer concern.

3 = Average – Adequate information provided – The SSM partially helps me resolve the customer concern.

5 = Excellent – All required information provided to resolve the customer concern.

Tie Rod Bending:



Damage of seat material

