Seat belt retraction.pdf

Reference SSM63717

LR4 / L319
LR3 / L319
Range Rover Sport / L320

Title Slow Seatbelt Retraction

Category Body
Last modified 28-Mar-2013 00:00:00

Symptom 104000 Restraint Systems

Issue:

Customer may complain that the seatbelt is slow to retract

Cause:

Content

Missalignment of the belt

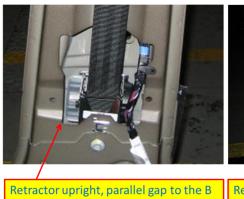
Action:

Please see attached.

SSM 63717 - Range Rover Sport/Discovery LR4 Slow Seatbelt Retraction

Below is a short guide showing how the seat belt retraction time can be tested, and what can be done to improve it:

- 1. Place the seat to the most forward position, and the height in the most upper position. (tests show that this position has the biggest influence on retraction time)
- 2. With no one in the seat, engage the seatbelt tongue into the buckle.
- 3. Release the tongue, and with a stopwatch or similar timing device record the time it takes for the seatbelt to retract to the stowed position.
- 4. Remove the lower B post trim to access the seatbelt retractor, check and realign the seatbelt retractor as shown below:





NOTE When torqueing the fixing bolt ensure there is no clockwise movement of the retractor.

pillar

Retractor moved clockwise by the bolt torque, non parallel gap to the B pillar

OK Alignment

NOK Alignment

5. Repeat steps 1 -3 - has the time significantly improved? In tests the retraction time has been improved by up to 30%. If not then the seatbelt should be replaced.

Note: You may need to record any time measurements on your job card/repair order for audit purposes.

If after testing, diagnosis and replacement the issue is unresolved, please contact your local technical support team for further support.