

## Seat belt retraction.pdf

Reference	SSM63717
Models	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
Content	<p><u>Issue:</u></p> <p>Customer may complain that the seatbelt is slow to retract</p> <p><u>Cause:</u></p> <p>Missalignment of the belt</p> <p><u>Action:</u></p> <p>Please see attached.</p>

## 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:



Retractor upright, parallel gap to the B pillar

**OK Alignment**



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

**NOK Alignment**

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

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.