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2020.0 DEFENDER (LE), 501-26

BODY REPAIRS - VEHICLE SPECIFIC INFORMATION AND TOLERANCE CHECKS

REAR DOOR ALIGNMENT (G2032527)

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CHECK

1. Check all trims are located and fitted correctly before performing this procedure.

2.



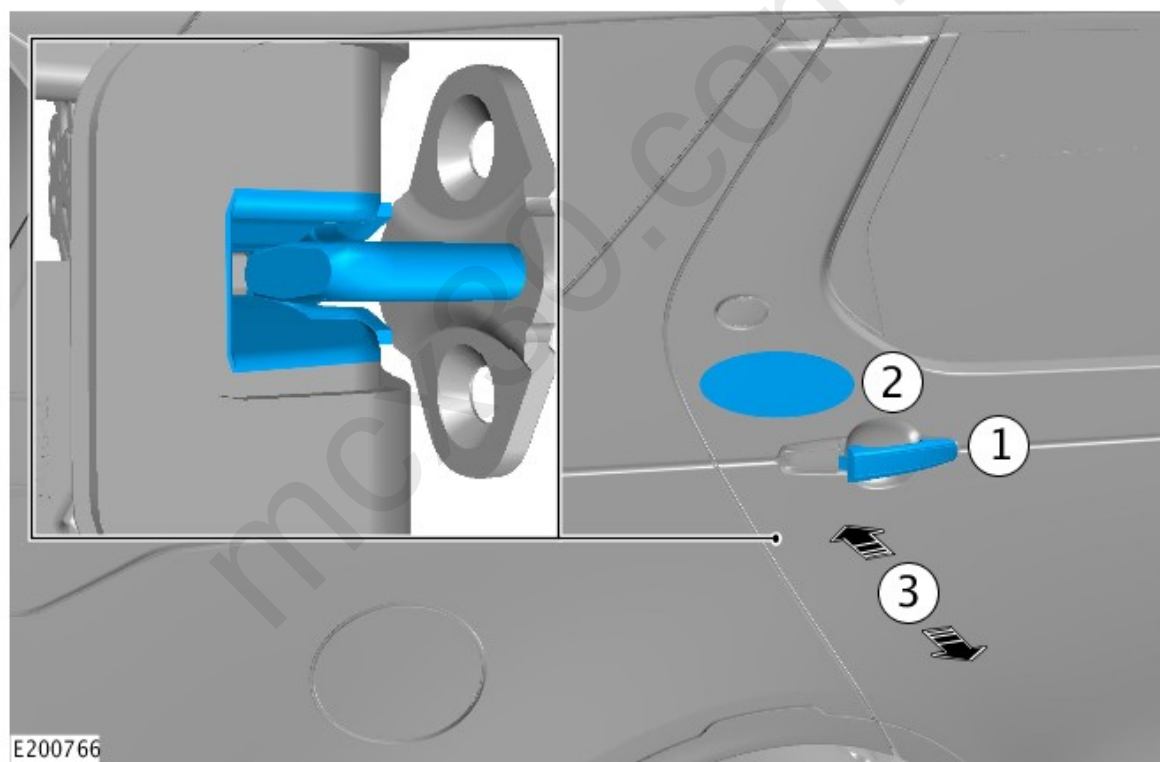
NOTE:

The rear quarter panel is a fixed point, all alignment checks must start from the rear quarter panel.

Check all vehicle gaps and profiles.

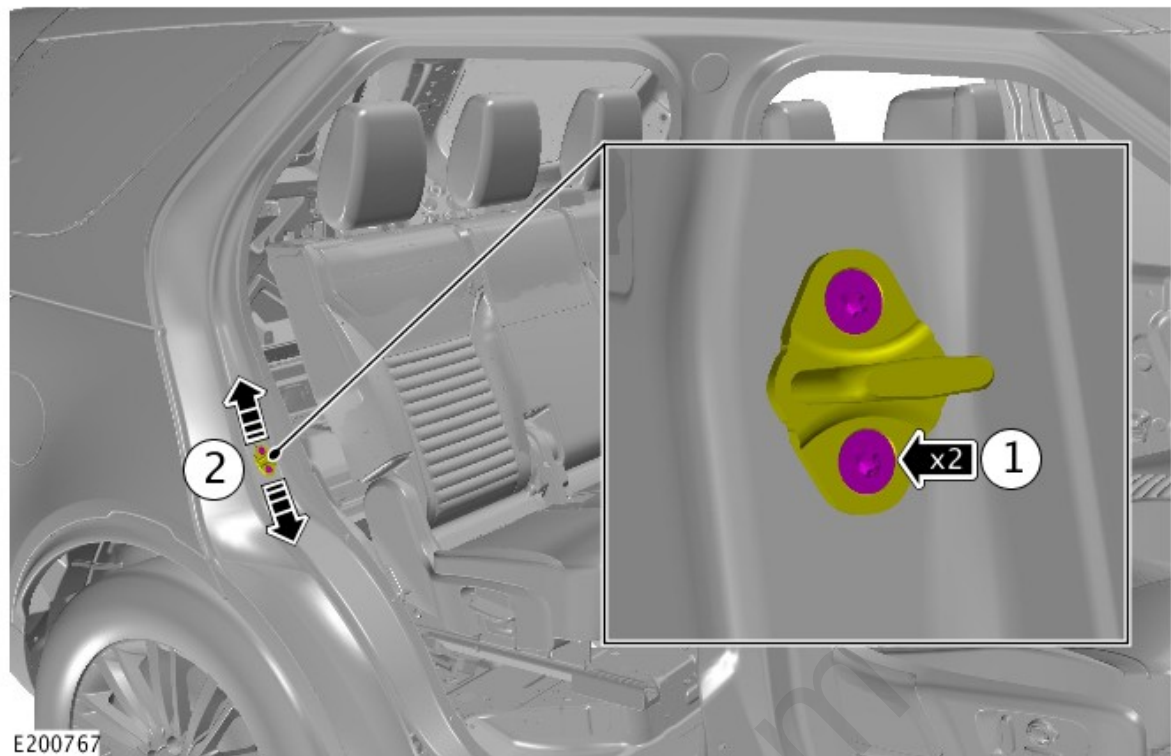
- Vehicle specific and tolerance checks.
Refer to: Body and Frame (501-26, Description and Operation).

3.



- **Rear door striker initial check.**
- (1) - Keep the exterior door handle open.
- (2) - Place hand in position illustrated to allow feel of the door latch to striker.
- (3) - Move the rear door in and out to feel the latch on striker.

ADJUSTMENT



■ **Rear door striker initial adjustment.**

 NOTE:

The striker plate is held in position by a spring loaded backing plate.

(1) Loosen the rear door striker retaining bolts. Do not fully remove.

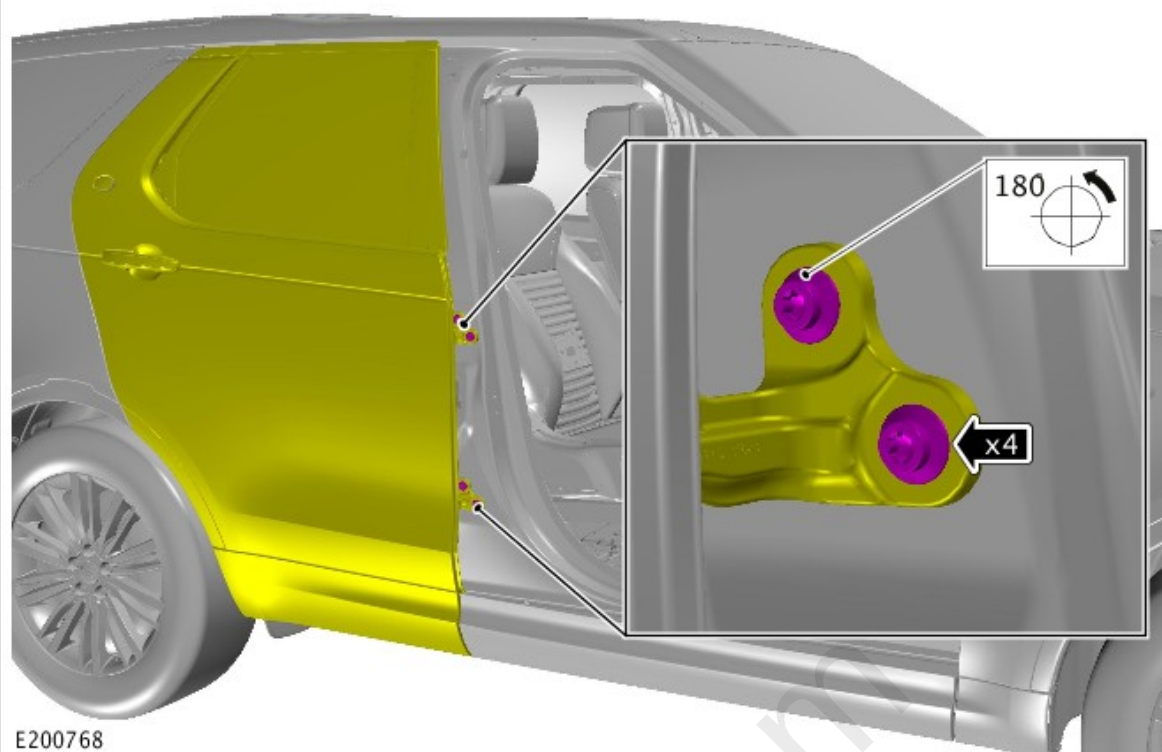
 NOTE:

Using a suitable nylon block, break the seal on the rear door striker to allow more movement.

(2) Adjust the rear door striker upwards or downwards using a suitable nylon block to remove contact between striker and latch, re-check the door closure and re-adjust striker if required.

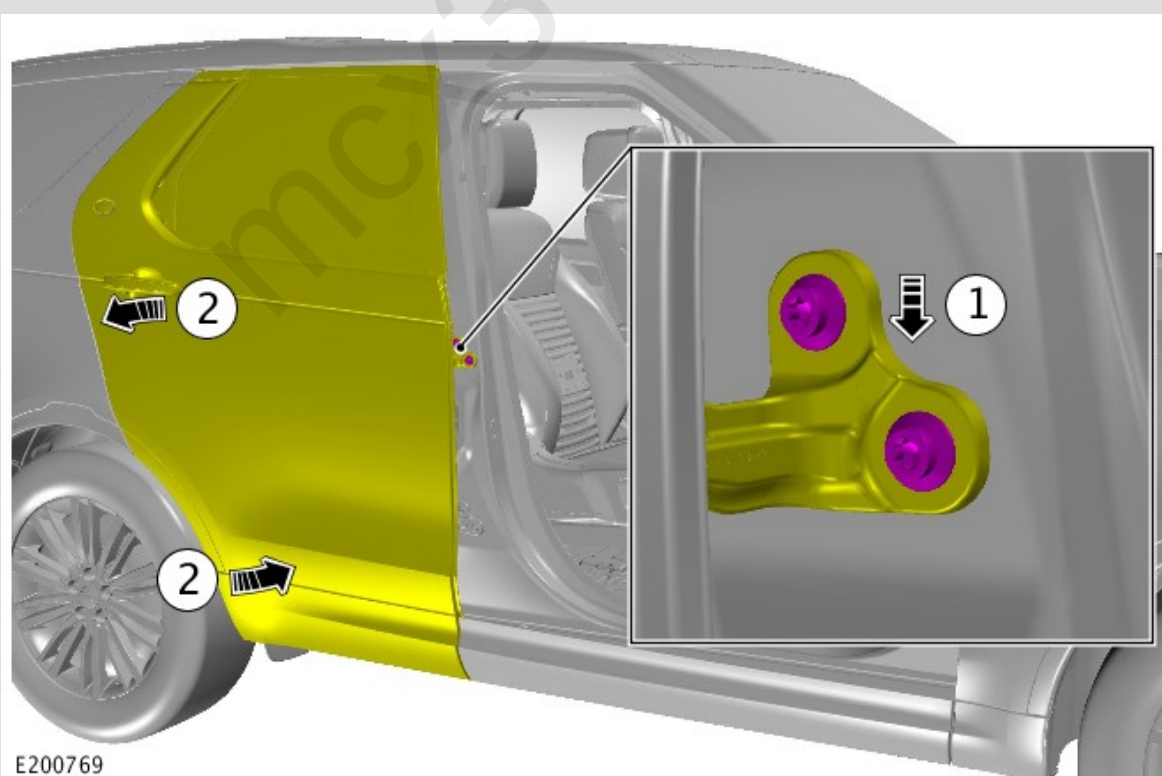
■ Do not tighten the rear door striker retaining bolts at this point.

2.



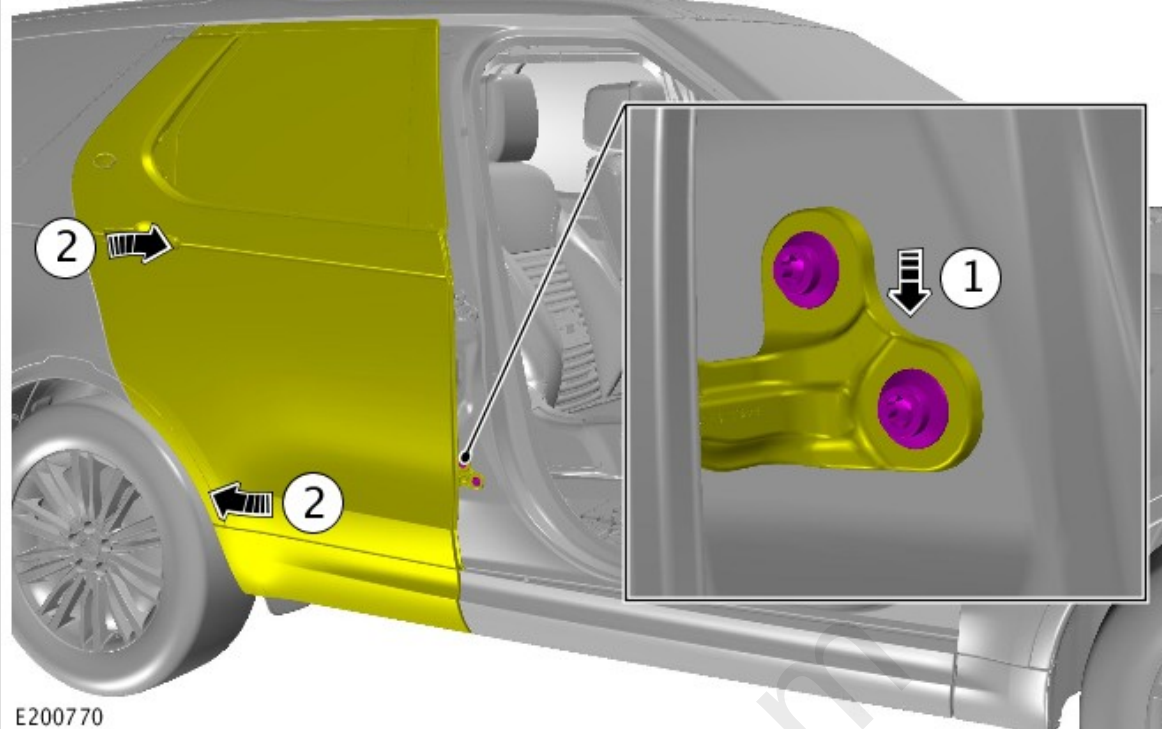
- Door hinge to B-pillar adjustment.
- Loosen the rear door hinge to B-pillar retaining bolts half turn only.

3.



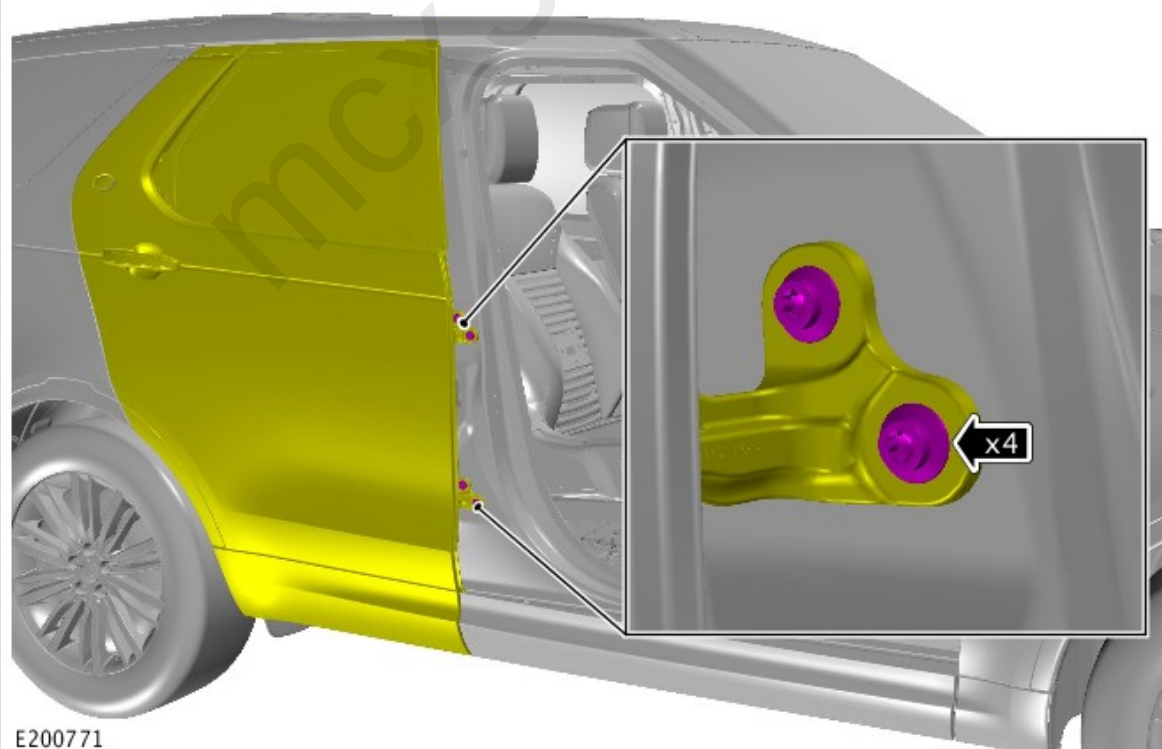
- (1) Using a suitable nylon block adjust the upper door hinge as illustrated.
- (2) The rear door will move in the directions illustrated.

4.



- (1) Using a suitable nylon block adjust the lower door hinge as illustrated.
- (2) The rear door will move in the directions illustrated.

5.

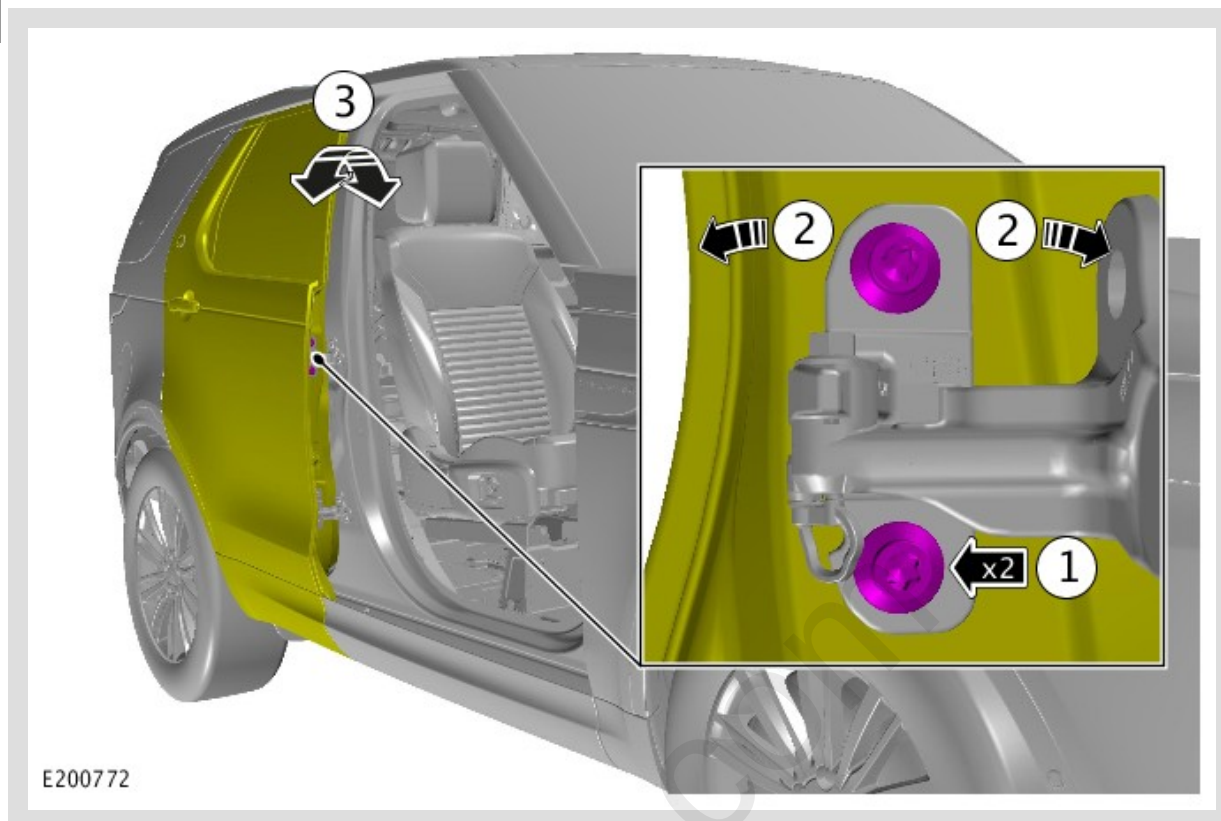


Tighten the hinge to B-pillar retaining bolts.

Torque: 35Nm

6. Re-check the rear door latch to striker and adjust if required.

7.



■ **Upper rear door profile adjustment.**



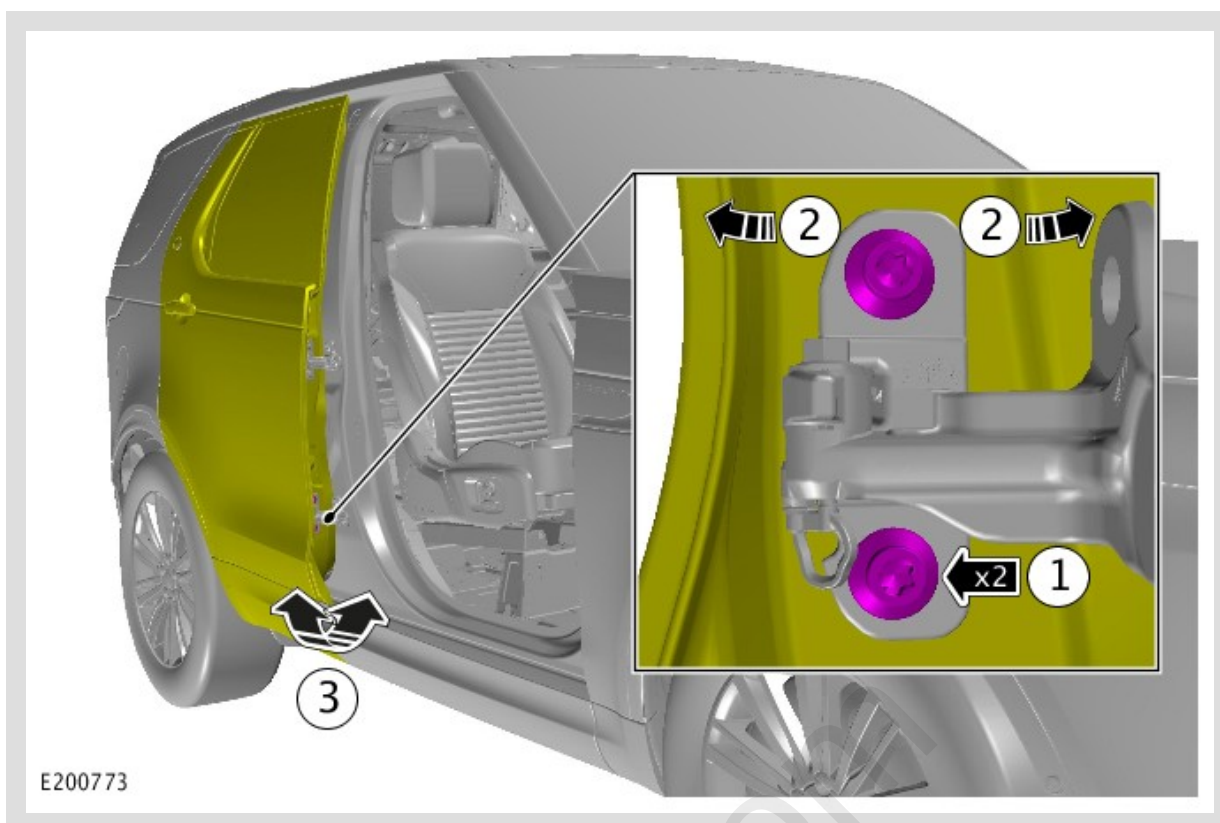
NOTES:

- Adjustment to the upper part of the rear door will effect the profile of the lower part of the rear door.
- Upper retaining bolt is a shouldered bolt.

(1) Loosen the rear door hinge to door retaining bolts. Do not fully remove.

- (2) Adjust the door on the upper door hinge as illustrated.
- (3) The rear door will move in the directions illustrated
- Tighten the upper door hinge to door retaining bolts.

Torque: 35Nm



■ **Lower rear door profile adjustment.**



NOTES:

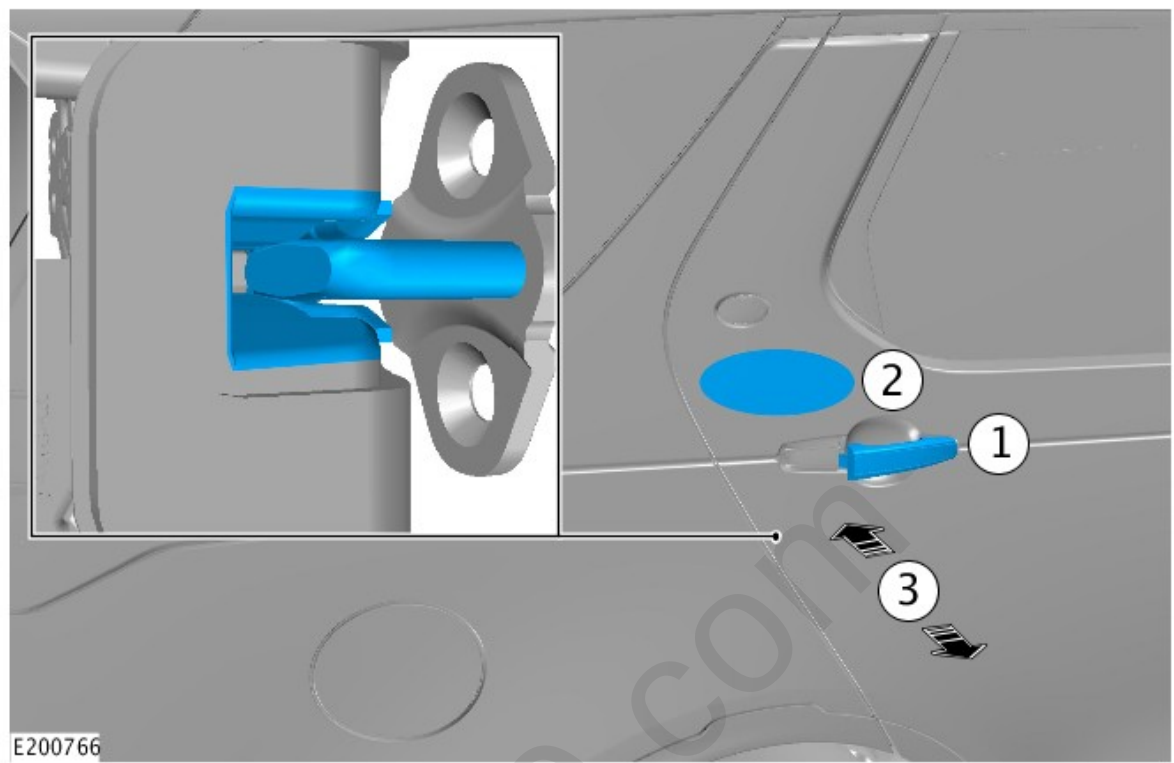
- Adjustment to the lower part of the rear door will effect the profile of the upper part of the rear door.
- Lower retaining bolt is a shouldered bolt.

(1) Loosen the rear door hinge to door retaining bolts. Do not fully remove.

- (2) Adjust the door on the upper door hinge as illustrated.
- (3) The rear door will move in the directions illustrated.
- Tighten the lower door hinge to door retaining bolts.

Torque: 35Nm

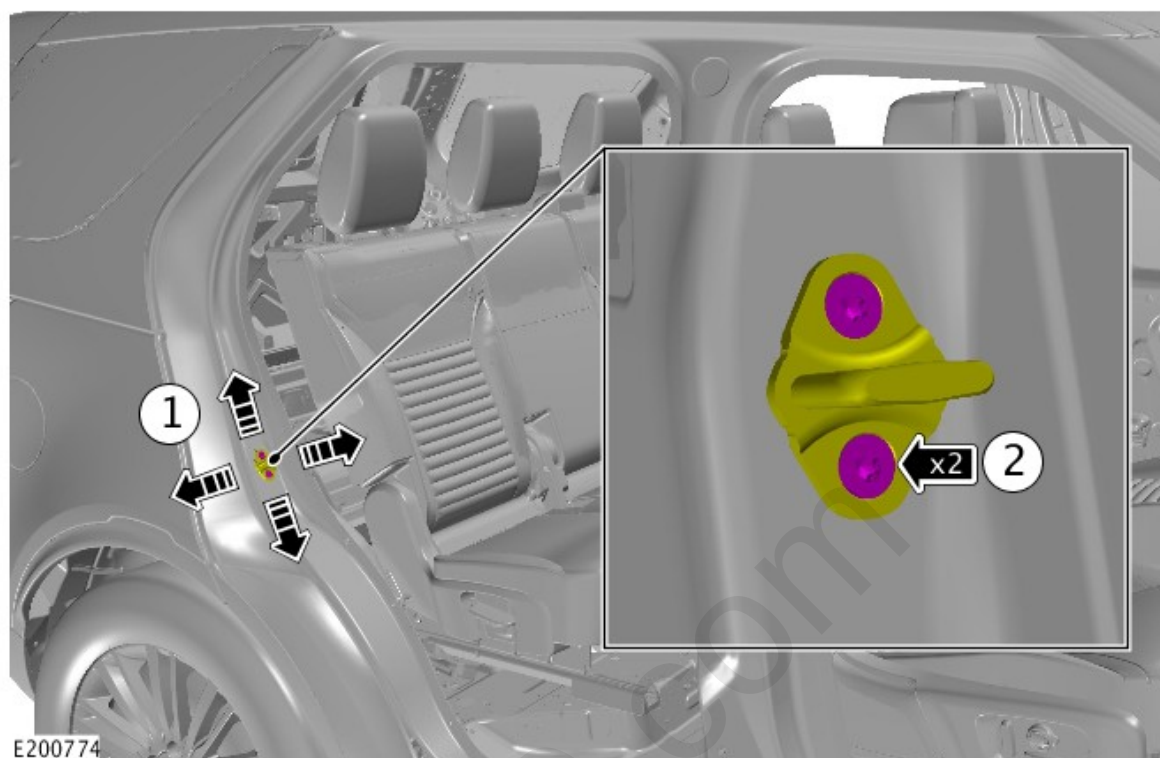
1.



- **Rear door striker final check.**
- (1) - Keep the exterior door handle open.
- (2) - Place hand in position illustrated to allow feel of the door latch to striker.
- (3) - Move the rear door in and out to feel the latch on striker.

ADJUSTMENT

1.



- **Rear door striker final adjustment.**
- (1) Adjust the rear door striker as required using a suitable nylon block and re-check the door closure.
- (2) Tighten the rear door striker retaining bolts
Torque: 25Nm

CHECK

1.



NOTE:

The rear quarter panel is a fixed point, all alignment checks must start from the rear quarter panel.

Re-check all vehicle gaps and profiles.

- Vehicle specific and tolerance checks.
Refer to: Body and Frame (501-26, Description and Operation).

2.

Make sure all hinge retaining bolts that have been adjusted are touched up with paint.

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