

PUBLISHED: 10-NOV-2016
2020.0 DEFENDER (LE), 501-26

BODY REPAIRS - VEHICLE SPECIFIC INFORMATION AND TOLERANCE CHECKS

FRONT DOOR ALIGNMENT (G2032526)

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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.

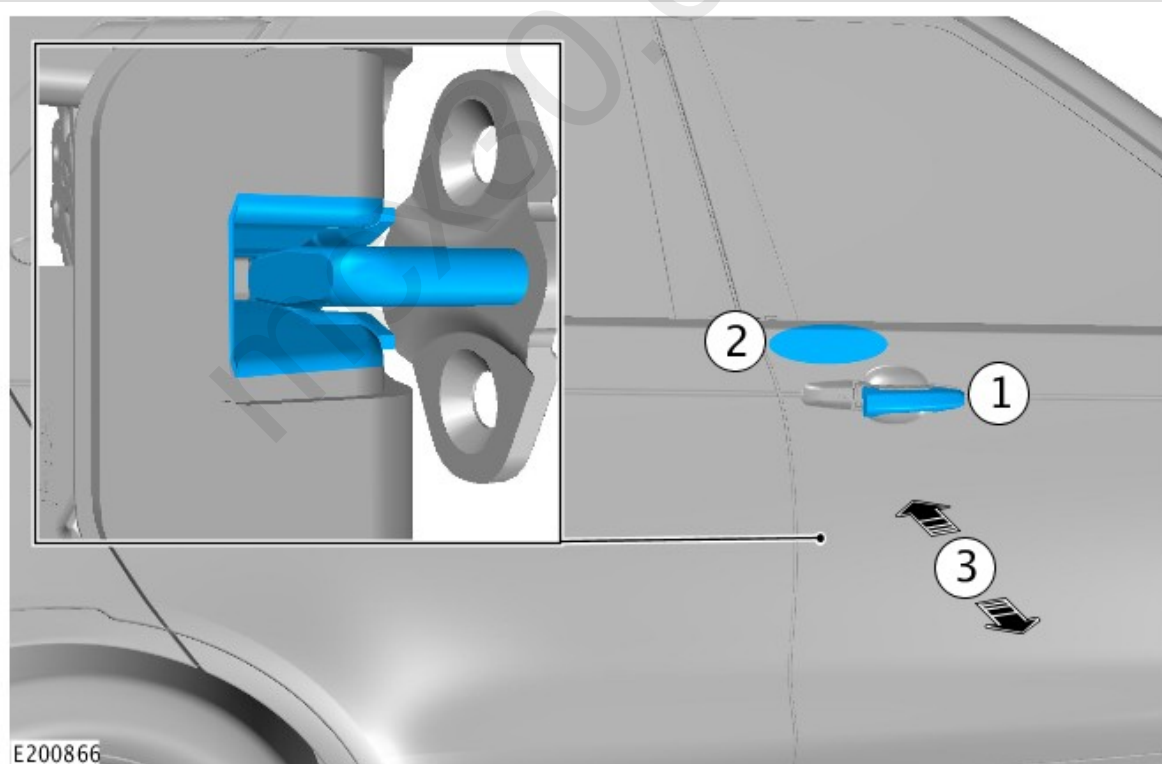
- Vehicle specific and tolerance checks.

Refer to: [Body and Frame - 110](#) (501-26 Body Repairs - Vehicle Specific Information and Tolerance Checks, Description and Operation).

3. Remove the front fender to gain access to the front door hinge to A-pillar retaining bolts.

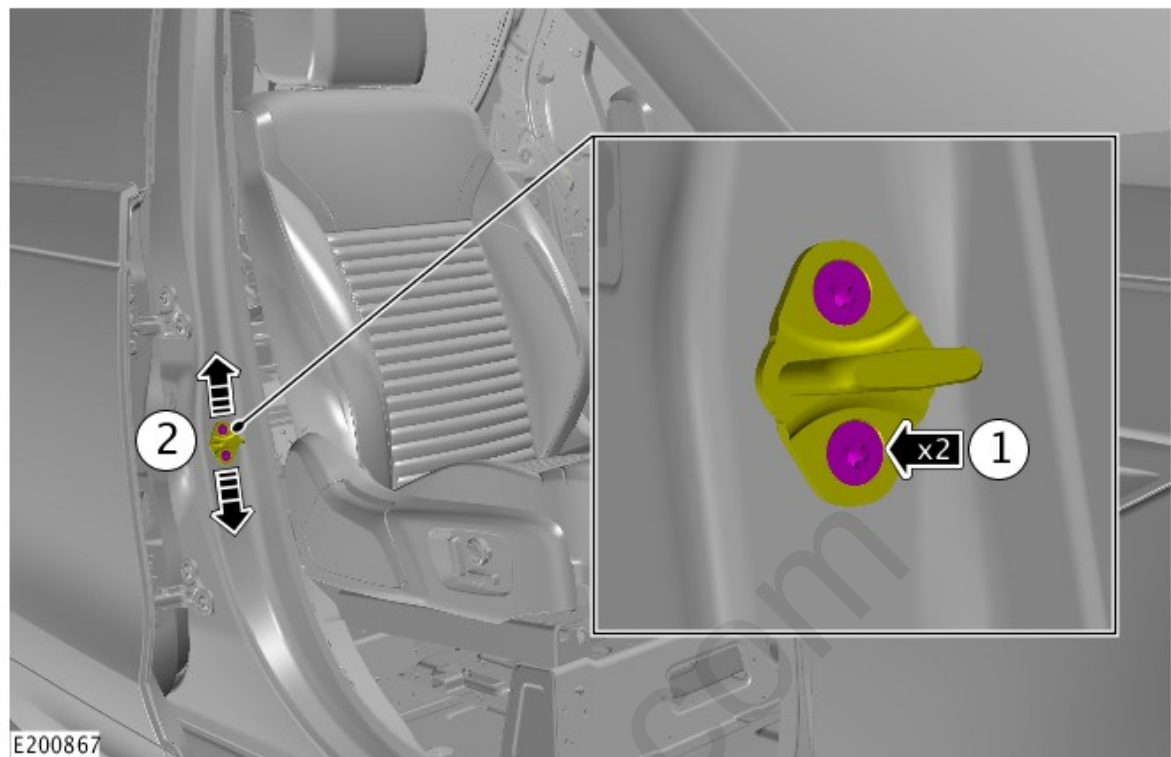
Refer to: [Front Right Fender](#) (501-02 Front End Body Panels, Removal and Installation).

4.



- **Front 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 front door in and out to feel the latch on striker.

1.



■ Front door striker initial adjustment.

NOTE:

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

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

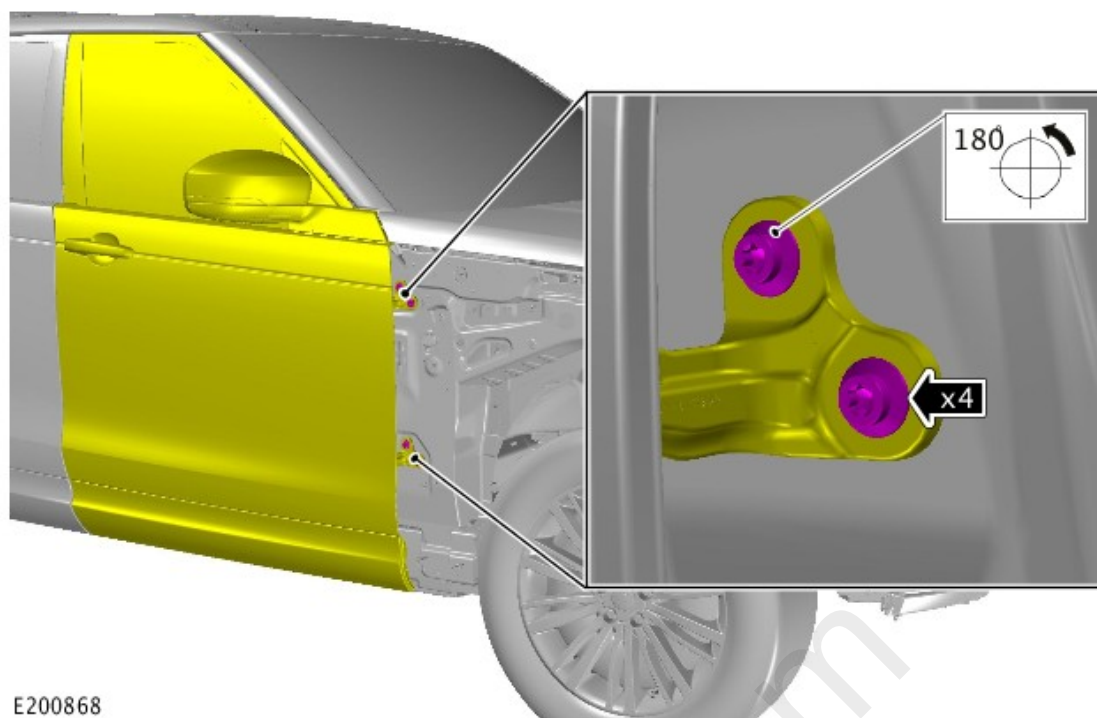
NOTE:

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

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

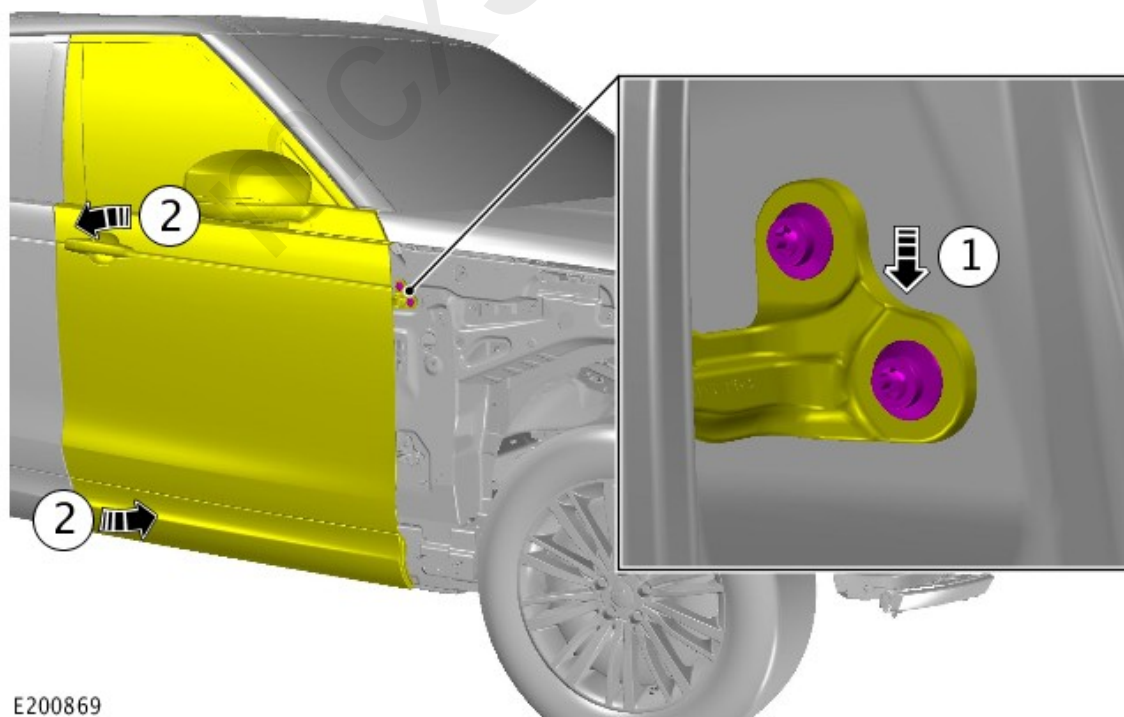
■ Do not tighten the front door striker retaining bolts at this point.

2.



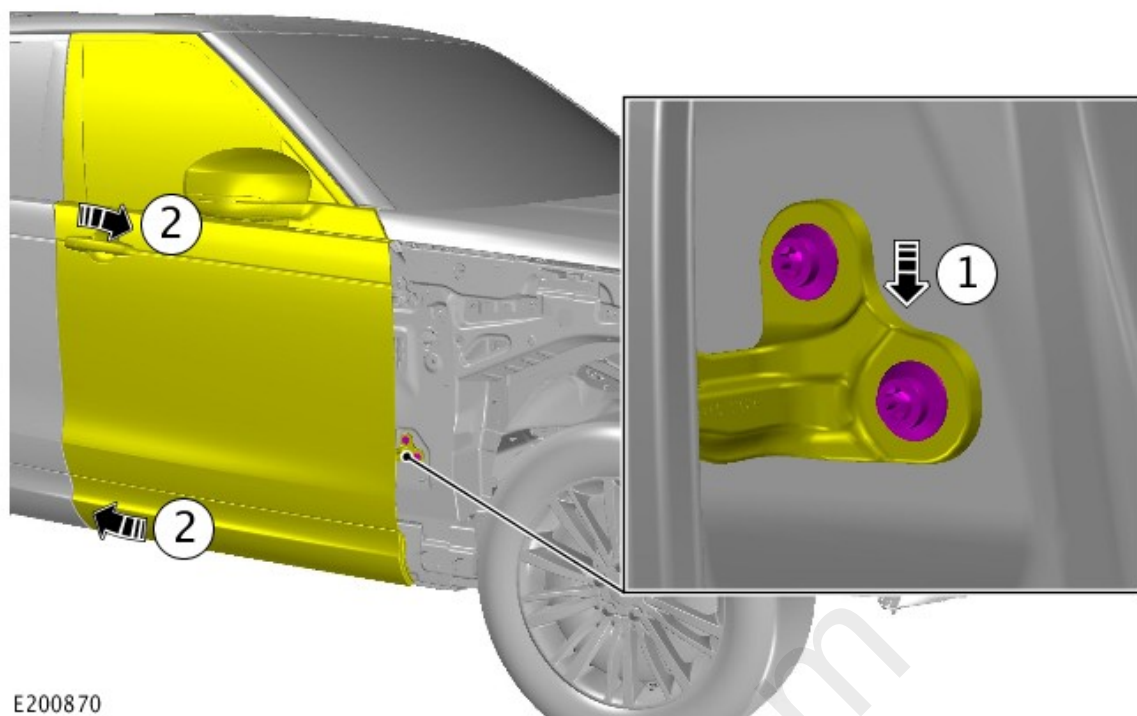
- **Door hinge to A-pillar adjustment.**
- Loosen the front door hinge to A-pillar retaining bolts half turn only.

3.



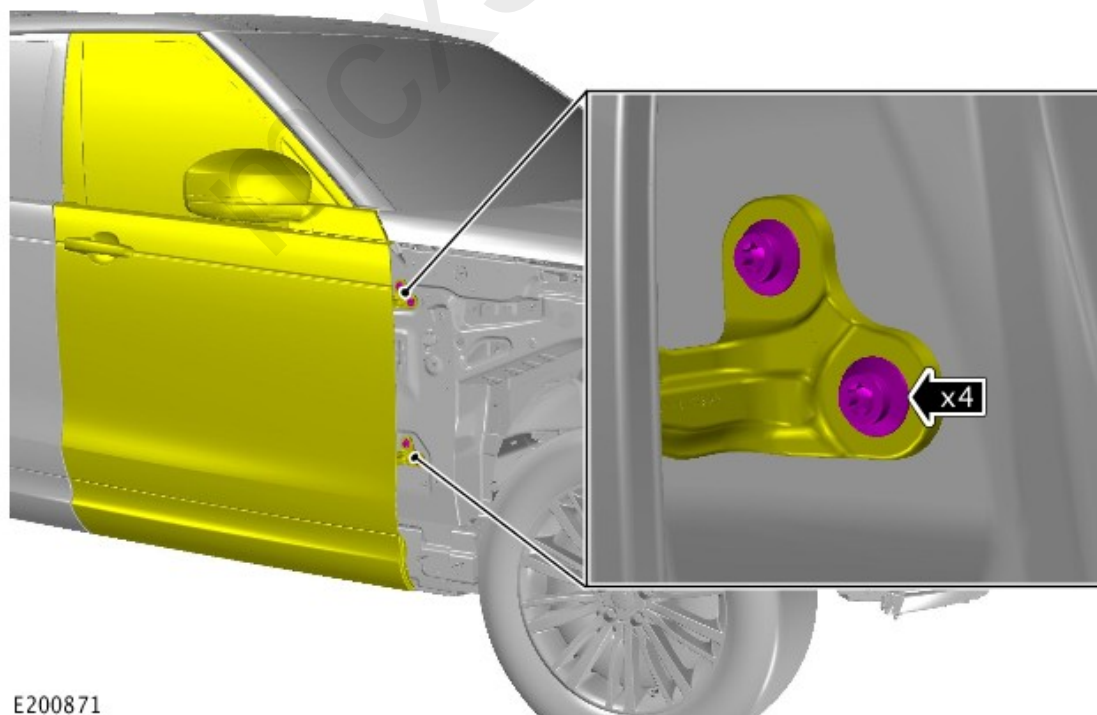
- (1) Using a suitable nylon block adjust the upper door hinge as illustrated.
- (2) The front door will move in the directions illustrated.

4.



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

5.

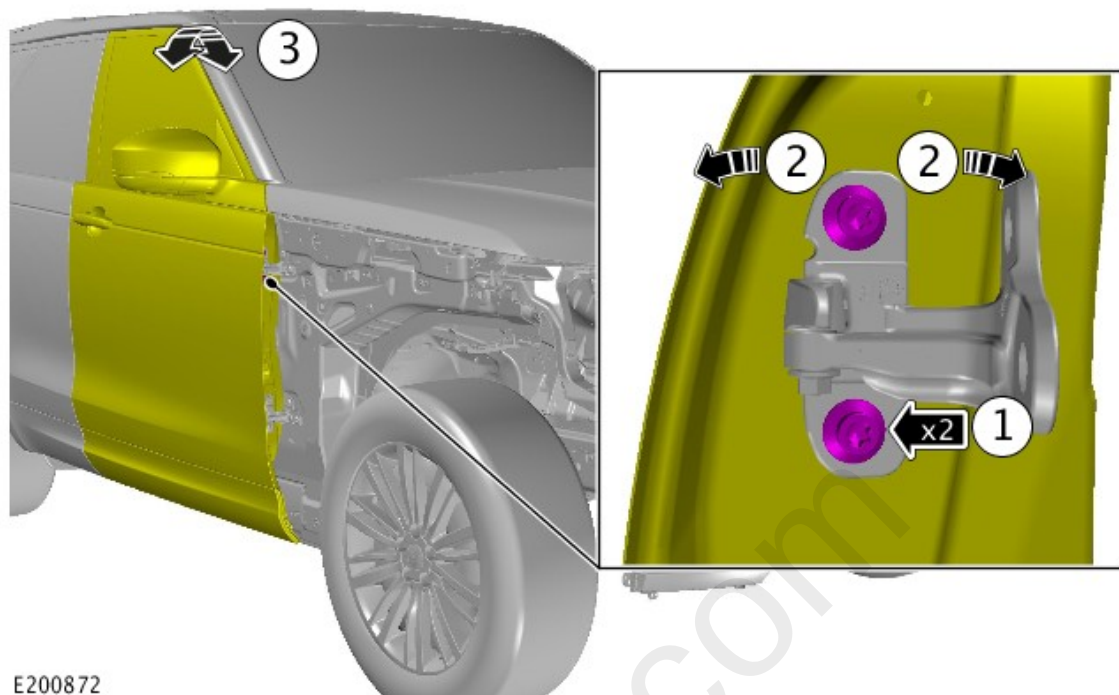


Tighten the hinge to A-pillar retaining bolts.

Torque: 35Nm

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

7.



■ **Upper front door profile adjustment.**



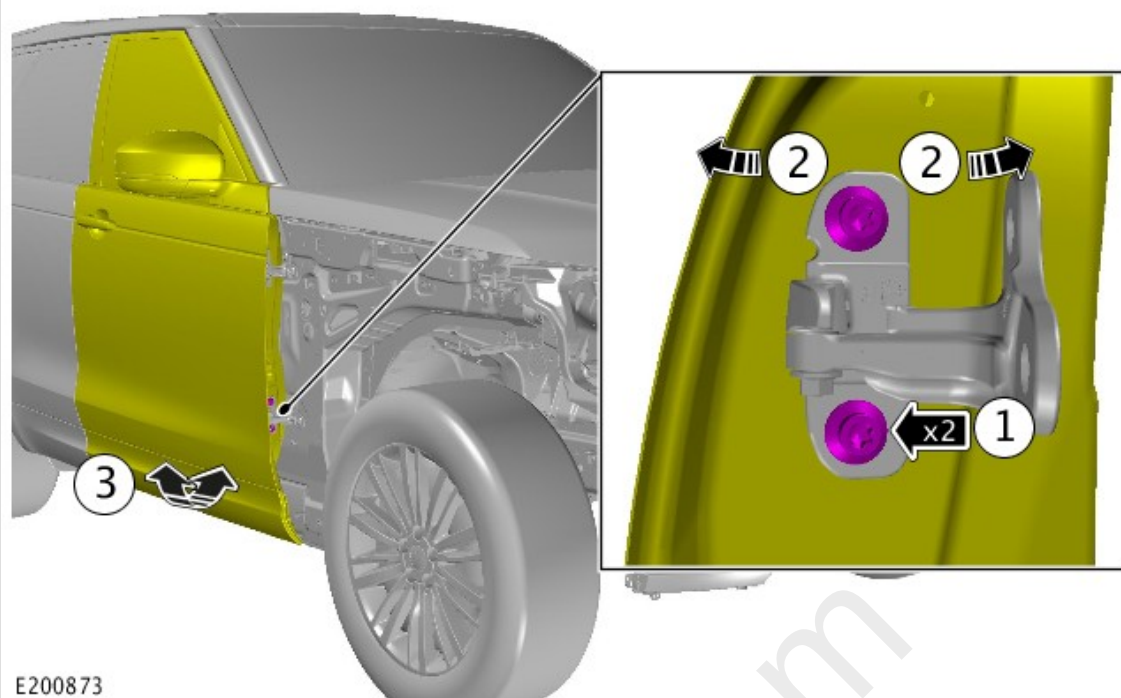
NOTES:

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

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

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

Torque: 35Nm



■ **Lower front door profile adjustment.**



NOTES:

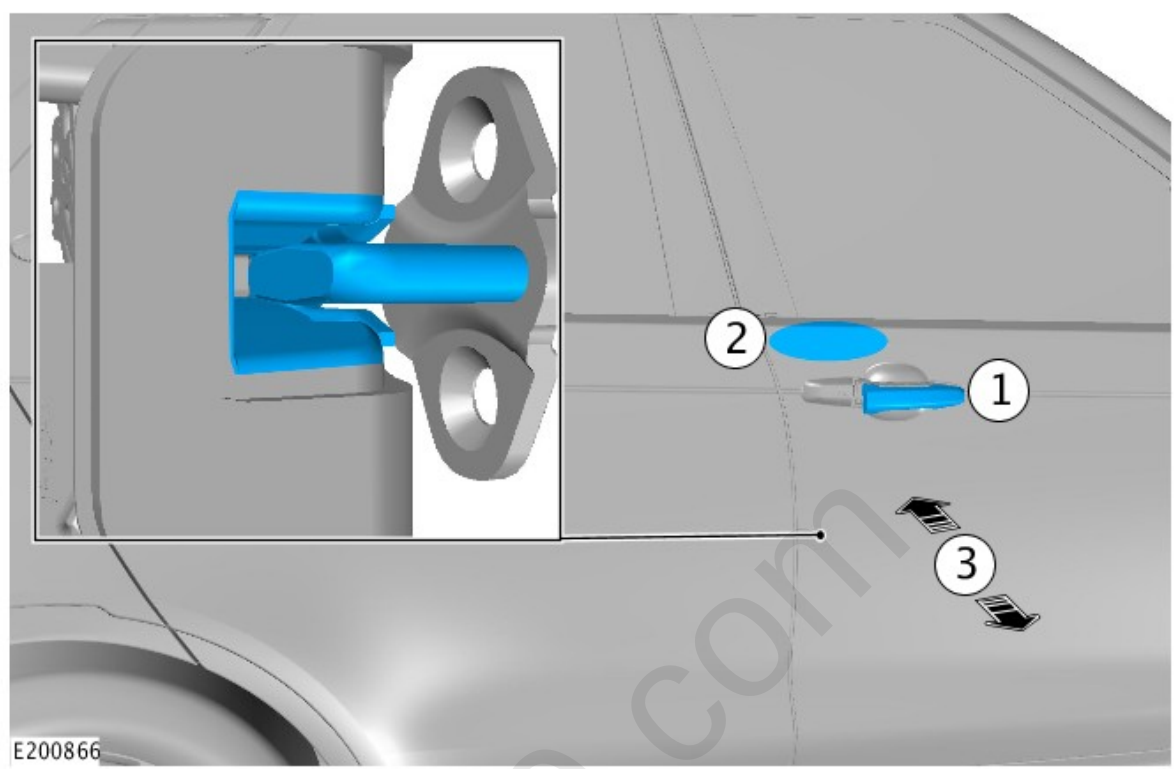
- Adjustment to the lower part of the front door will effect the profile of the upper part of the front door.
- Lower retaining bolt is a shouldered bolt.

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

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

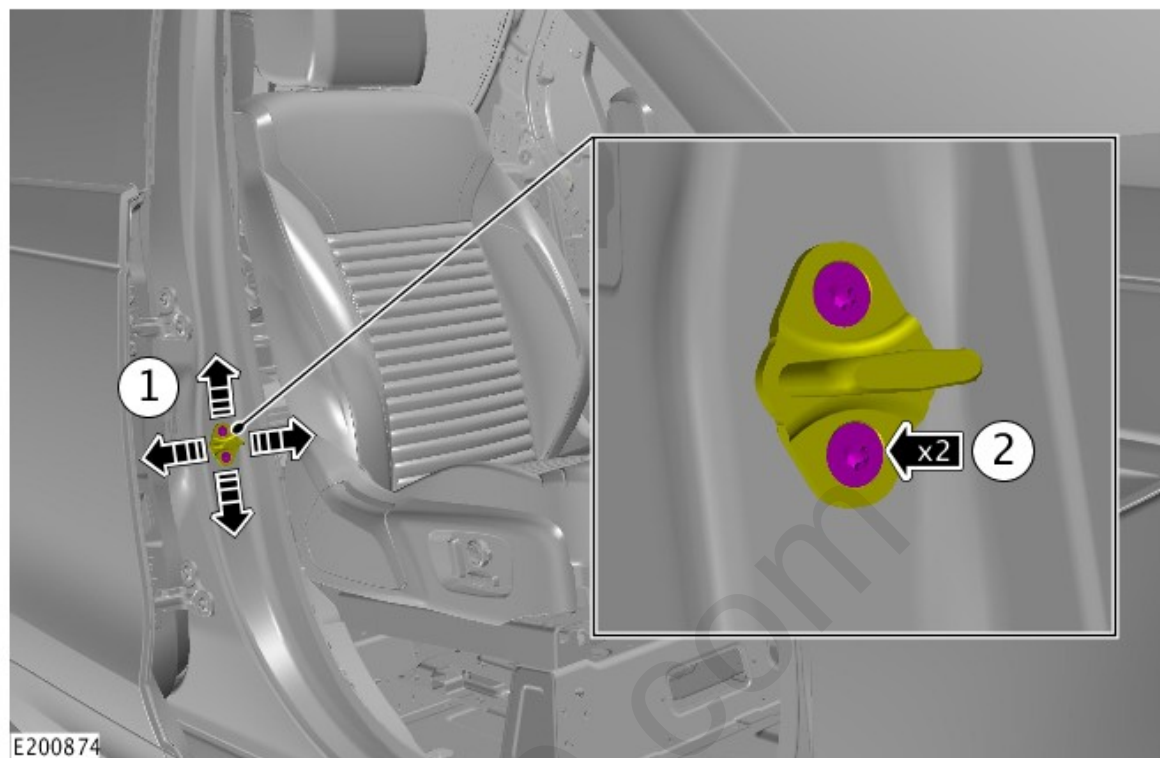
Torque: 35Nm

1.



- **Front 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 front door in and out to feel the latch on striker.

1.



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

CHECK

1. Install the front fender.

Refer to: [Front Right Fender](#) (501-02 Front End Body Panels, Removal and Installation).

2. Check and adjust the fender alignment.

Refer to: [Front Door Alignment](#) (501-26 Body Repairs - Vehicle Specific Information and Tolerance Checks, General Procedures).

- 3.



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 - 110](#) (501-26 Body Repairs - Vehicle Specific Information and Tolerance Checks, Description and Operation).

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