

Adjusting rear lid

The rear lid can be adjusted only via the striker pin on lock cross member. The rear lid lock is bolted to the rear lid, it does not have elongated holes and therefore cannot be adjusted.

The buffers and guide wedges cannot be used to adjust the rear lid. They have the function of stabilising and damping the rear lid.

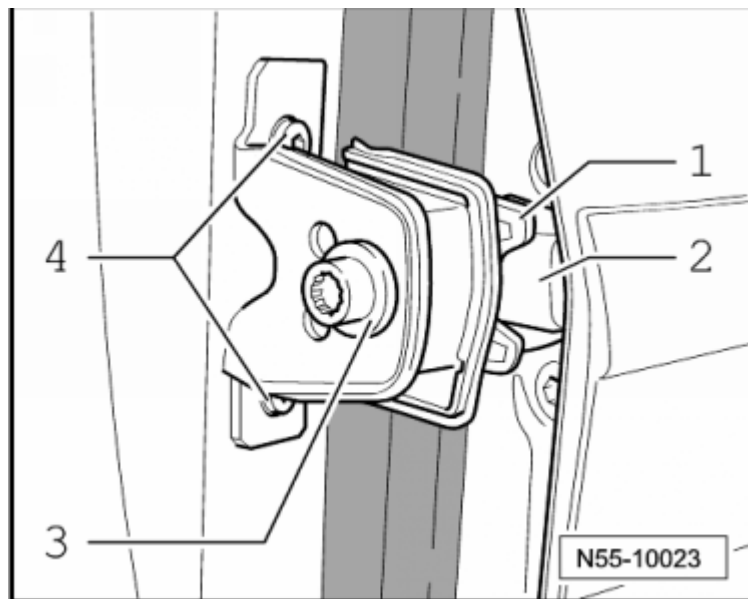
In conclusion, the rear lid adjustment is described in several steps. This includes the basic adjustment of the rear lid, the striker pins, guide pins and the dampers.

Basic adjustment of rear lid

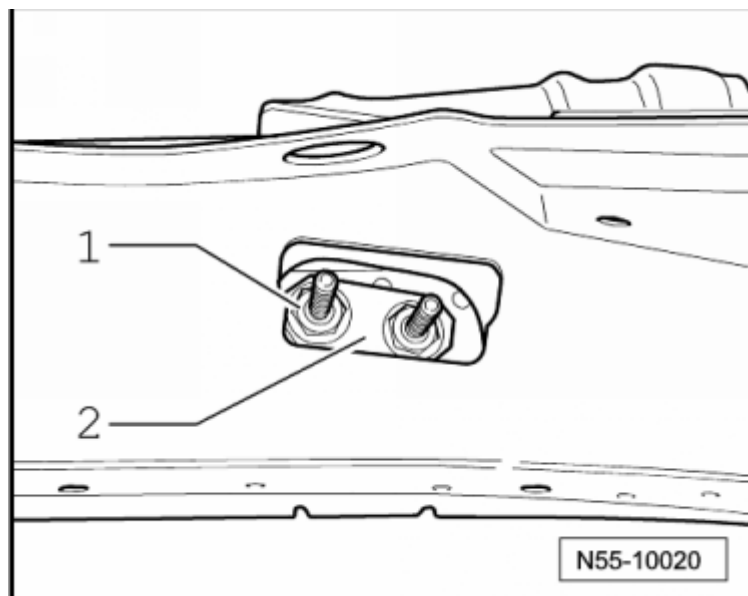


Note

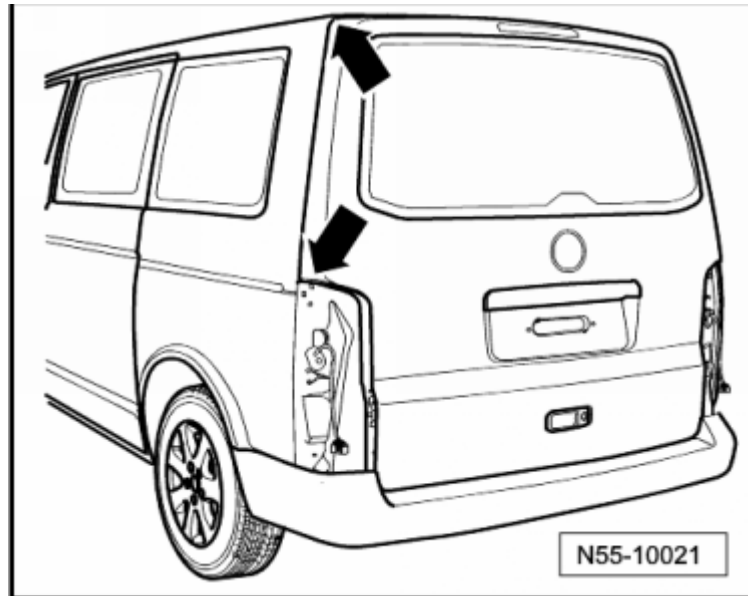
- ◆ Vehicle must be standing on its wheels when adjustments are performed.
- ◆ The rear lid is adjusted correctly if the shut lines/gaps are uniform all around, the lid is not too deep or too high and all contours align when lid is closed → *Rep. Gr.00*.
- Remove rear roof trim → *Rep. Gr.70*.
- Remove gas-filled strut for rear lid → *Chapter*.
- Remove bumper cover end piece → *Chapter*.
- Loosen bolts -3- and -4- until guide pins -1- move freely on left and right sides. The striker wedges -2- must move in the guide pins without resistance.



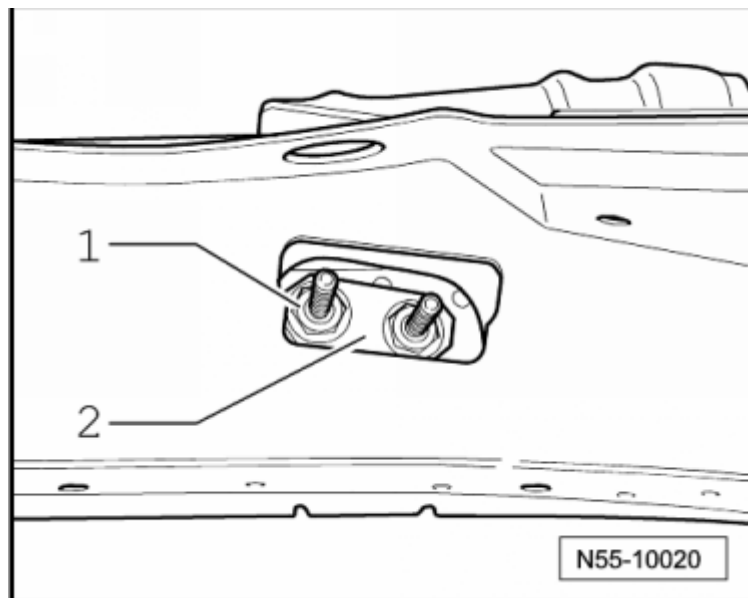
- Loosen hexagon nuts -1- in rear roof member cut-out -2- (do not remove).



- Align rear lid uniformly according to outer contours -arrows- on left and right, the assistance of a second mechanic is required.



- Tighten hexagon nuts -1- to 20 Nm.
- Adjusting guide pins → [Chapter](#).

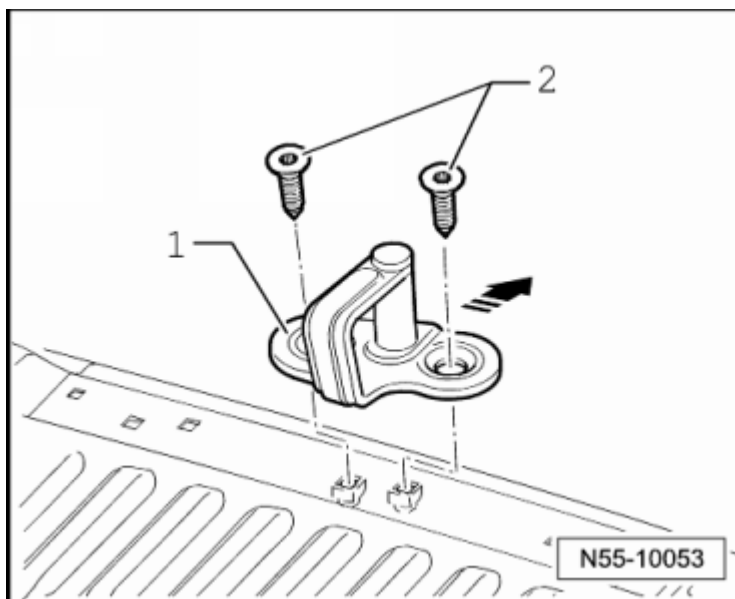


Adjusting striker pin



Note

- ◆ *Vehicle must be standing on its wheels when adjustments are performed.*
- ◆ *The rear lid is adjusted correctly if the shut lines/gaps are uniform all around, the lid is not too deep or too high and all contours align when lid is closed → Rep. Gr.00.*
- The rear floor edge cover must be removed to adjust the rear striker pin → Rep. Gr.70.
- The guide pins must be loose → Chapter.
- Loosen bolts -2- (do not remove) and striker pin -1- can be moved within over-size holes.
- Move striker pin -1- to rearmost position - arrow- and tighten bolts -2-
- Close rear lid and check adjustment.
- Following adjustment, retighten bolts -2- to specified torque of 20 Nm.
- Now the guide pins can be adjusted → Chapter.

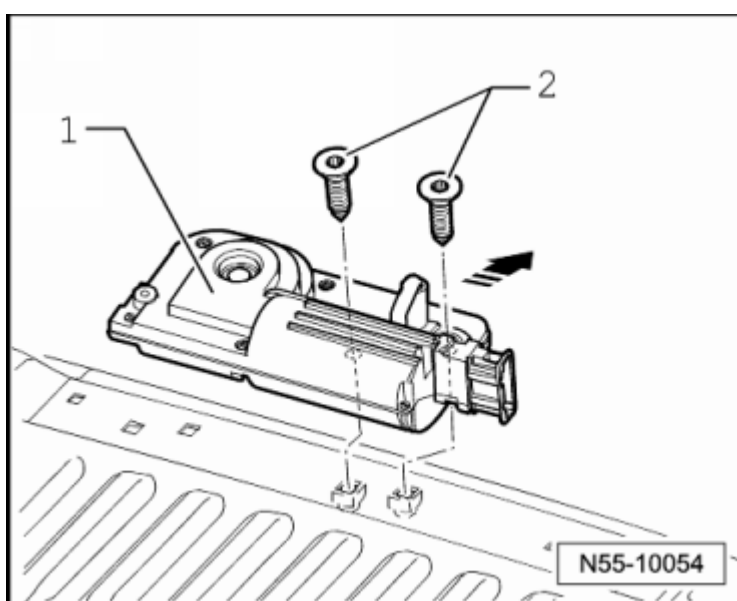


Adjusting striker pin for power latching system



Note

- ◆ *Vehicle must be standing on its wheels when adjustments are performed.*
- ◆ *The rear lid is adjusted correctly if the shut lines/gaps are uniform all around, the lid is not too deep or too high and all contours align when lid is closed → Rep. Gr.00.*
- ◆ *The battery must be fully charged and connected on vehicles with power latching system.*
- The rear floor edge cover must be removed to adjust the rear striker pin on vehicles with power latching system → Rep. Gr.70.
- The guide pins must be loose → Chapter.
- Loosen bolts -2- (do not remove) and striker pin (on vehicles with power latching system) -1- can be moved within over-size holes.
- Move striker pin -1- (on vehicles with power latching system) to rearmost position -arrow- and tighten bolts -2- (not fully).
- Close rear lid and check adjustment.
- Following adjustment, retighten bolts -2- to specified torque of 20 Nm.
- Now the guide pins can be adjusted → Chapter.



Assembly overview - guide pins and guide wedges

1 - Bolt

- Qty. 2
- Specified torque 20 Nm

2 - Guide pin

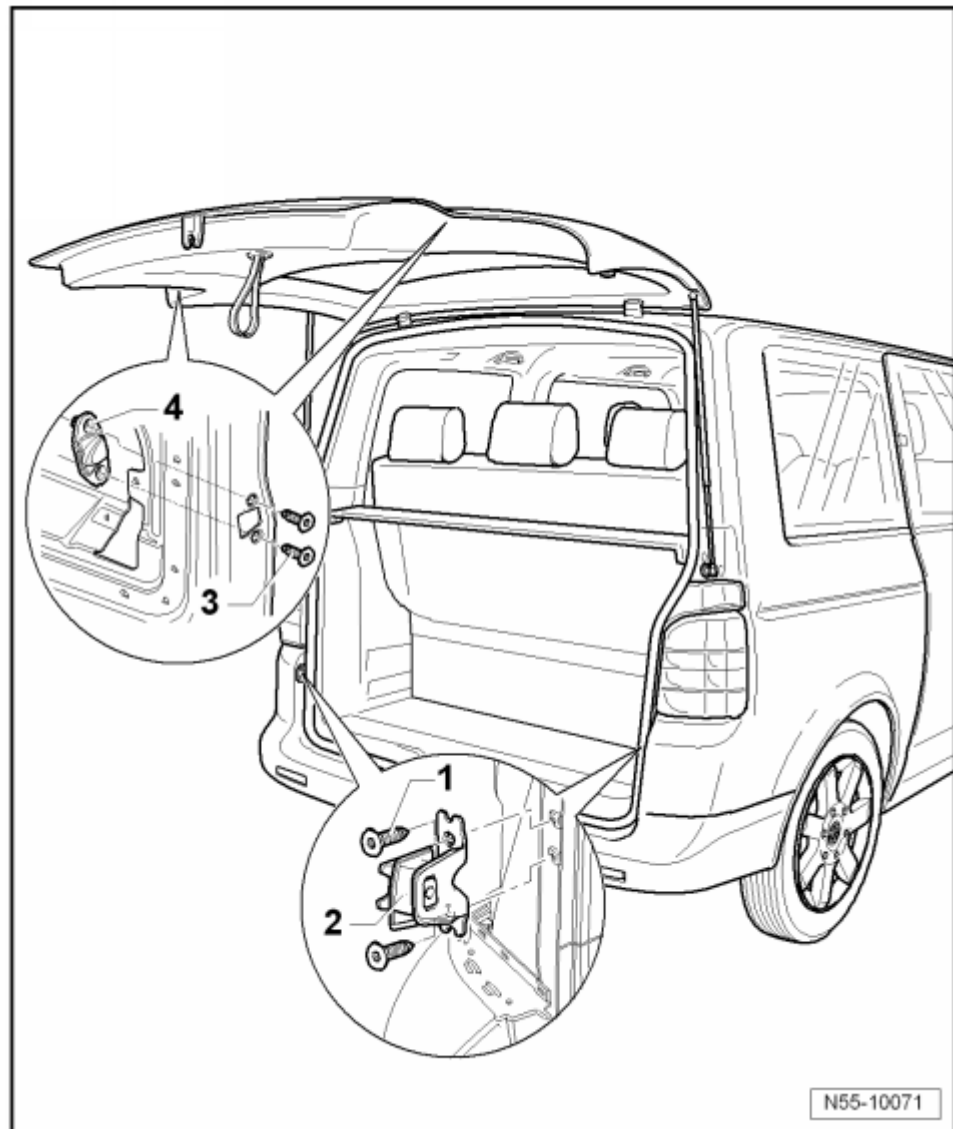
- Left and right

3 - Bolt

- Qty. 2
- Specified torque 20 Nm

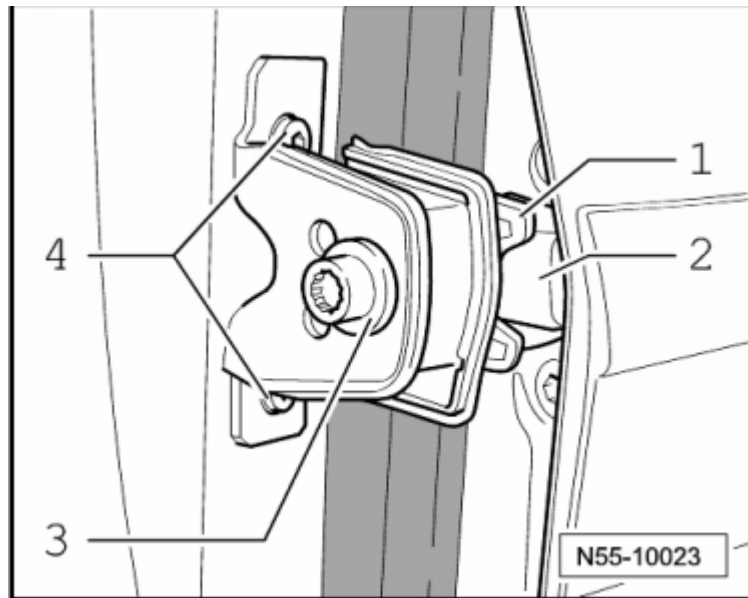
4 - Guide wedge

- Left and right



Adjusting guide pins

- Remove bumper cover end pieces → [Chapter](#).
- The striker pin must be correctly positioned before adjusting guide pins.
- Adjust striker pin → [Chapter](#)
- Loosen bolts -3- and -4- (do not remove) until guide pins -1- move freely on left and right sides. The striker wedges -2- must move in the guide pins without resistance.
- Close rear lid.
- Press the guide wedge -2- against the guide pin -1- with slight force and tighten the bolts.
- Open rear lid and tighten bolts -3- and -4- to specified torque of 20 Nm.



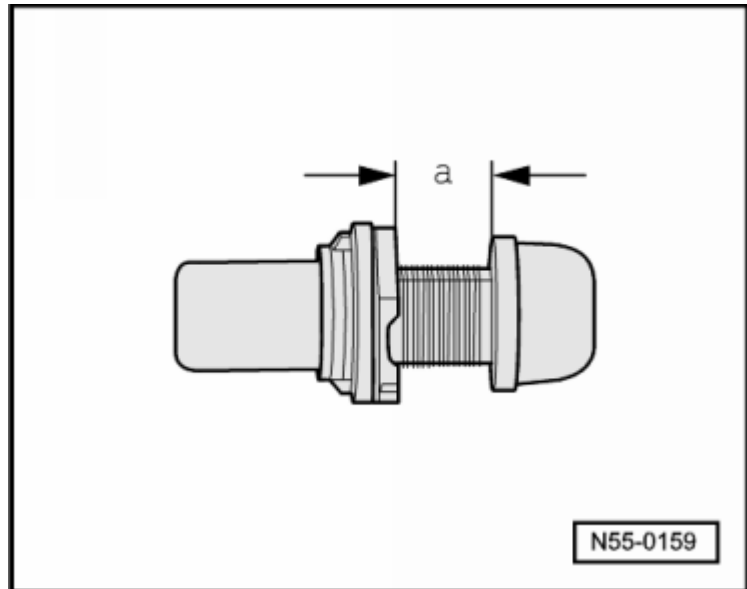
Adjusting dampers



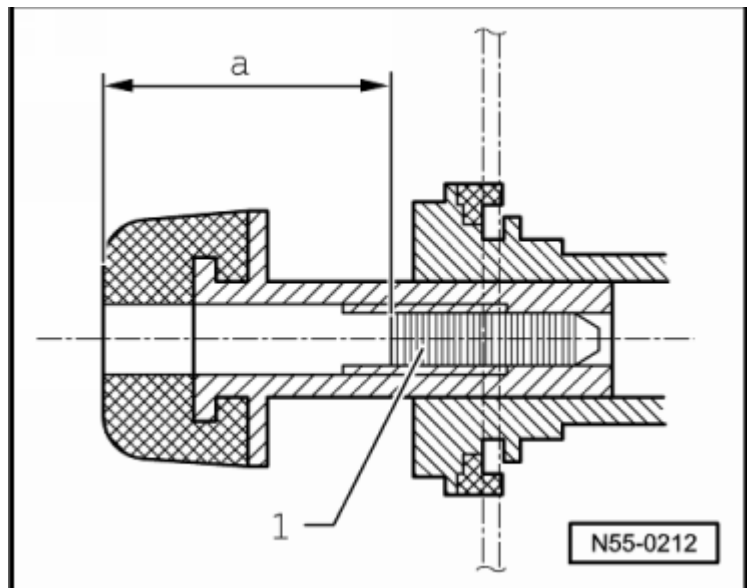
Note

- ◆ Vehicle must be standing on its wheels when adjustments are performed.
- ◆ The rear lid is adjusted correctly if the shut lines/gaps are uniform all around, the lid is not too deep or too high and all contours align when lid is closed → *Rep. Gr.00*.

- Loosen clamping screw until the detent slide can be pulled out.
- Adjust detent slide to dimension -a = 12.5 mm-.
- Close rear lid using light force in the middle while holding handle in the pulled (open) position.
- Open rear lid again.



- Screw in clamping screw -1- to dimension - a = 25 mm-.
- Check setting.

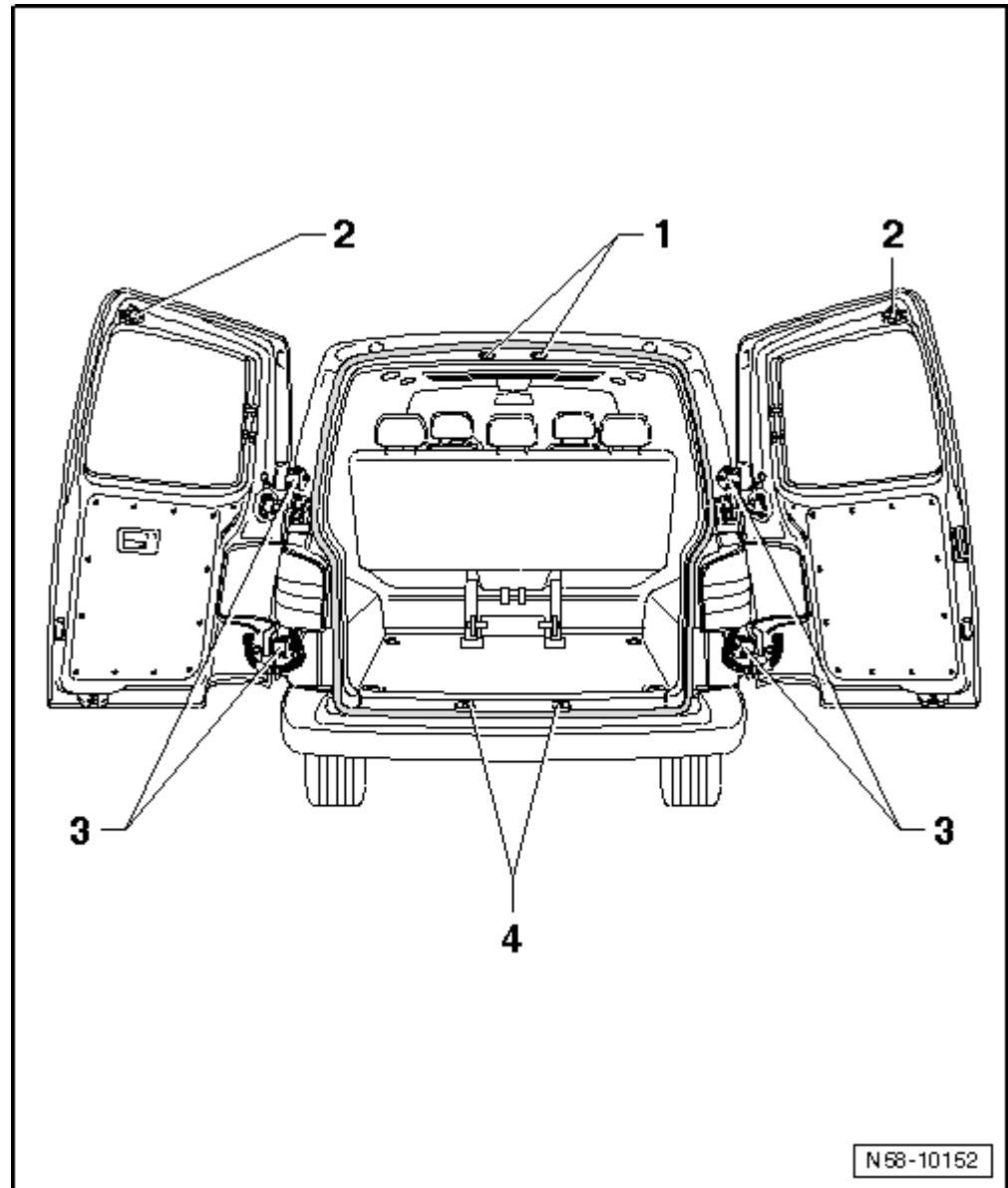


Adjusting rear wing door

Basic rear wing door adjustment is carried out by adjusting the upper and lower hinges -3-.

The rear wing doors are adjusted via the upper lock -2-, the upper striker pin -1- and the lower striker pin -4-.

Rear wing door adjustment will be described in several steps in the following.



Basic adjustment of rear wing door → [Chapter](#)

Adjust upper striker pin → [Chapter](#)

Adjust lower striker pin → [Chapter](#)

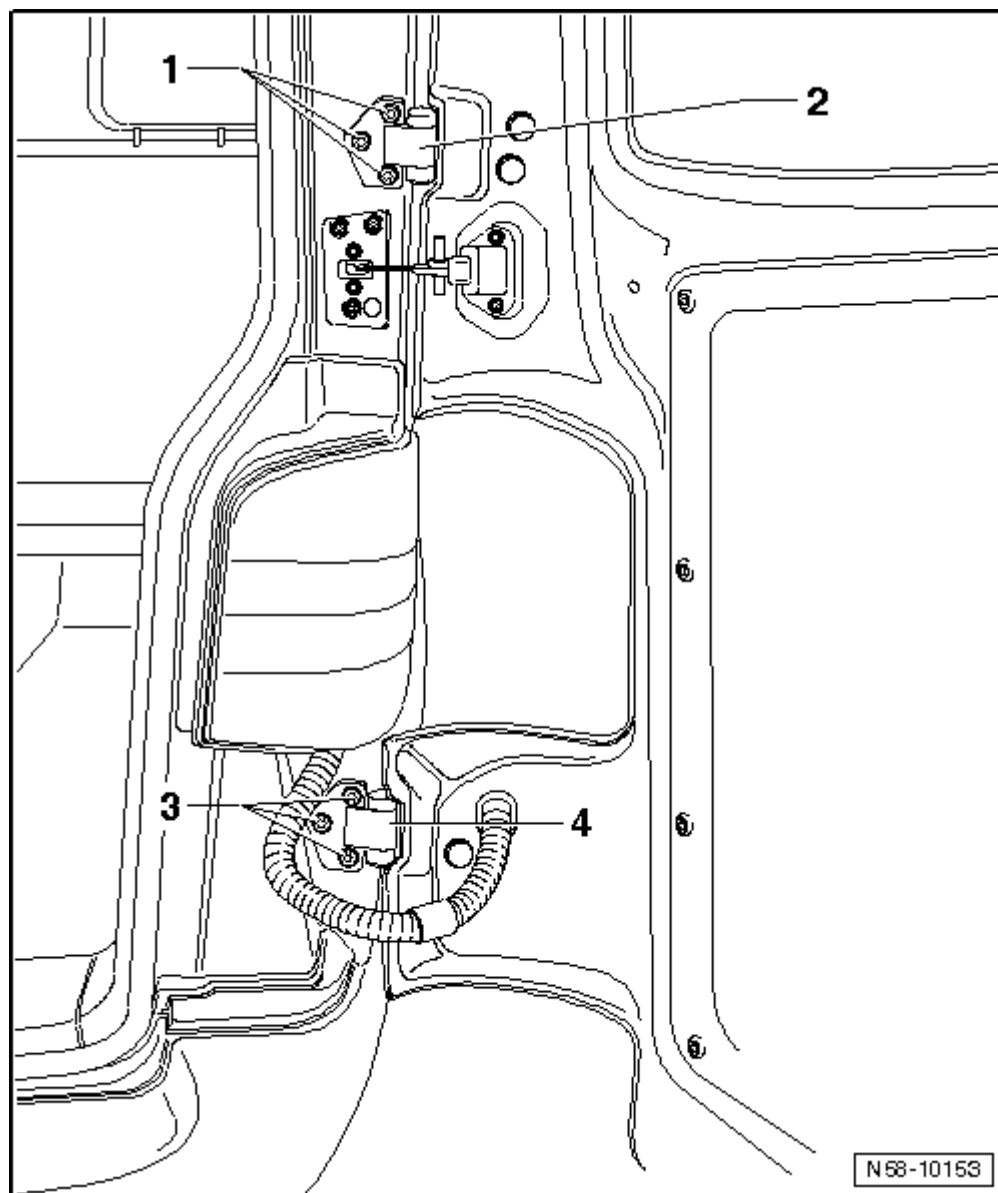
Adjust upper lock → [Chapter](#)

Basic adjustment of rear wing door



Note

- ◆ Basic adjustment is described for the left rear wing door only. Basic adjustment of the right rear wing door is similar.
- ◆ The vehicle must be positioned on its wheels to basically adjust the rear wing door.
- ◆ The rear wing door is adjusted correctly if the gap dimensions are even all around, the lid is not sunk, does not project and all contours align when closed.
- ◆ Adjustment work should be performed first of all on the right-hand wing door and then on the left-hand door. The aid of a second mechanic is required.
- ◆ Ensure even gaps around tail light.
- ◆ Match sealing line by adjusting door hinges or bending fitted flange.
- ◆ To check or adjust the gaps/shut lines → *Rep. Gr.00*.
- ◆ After reinstalling or adjusting, carry out corrosion protection measures to hinges and bolts.



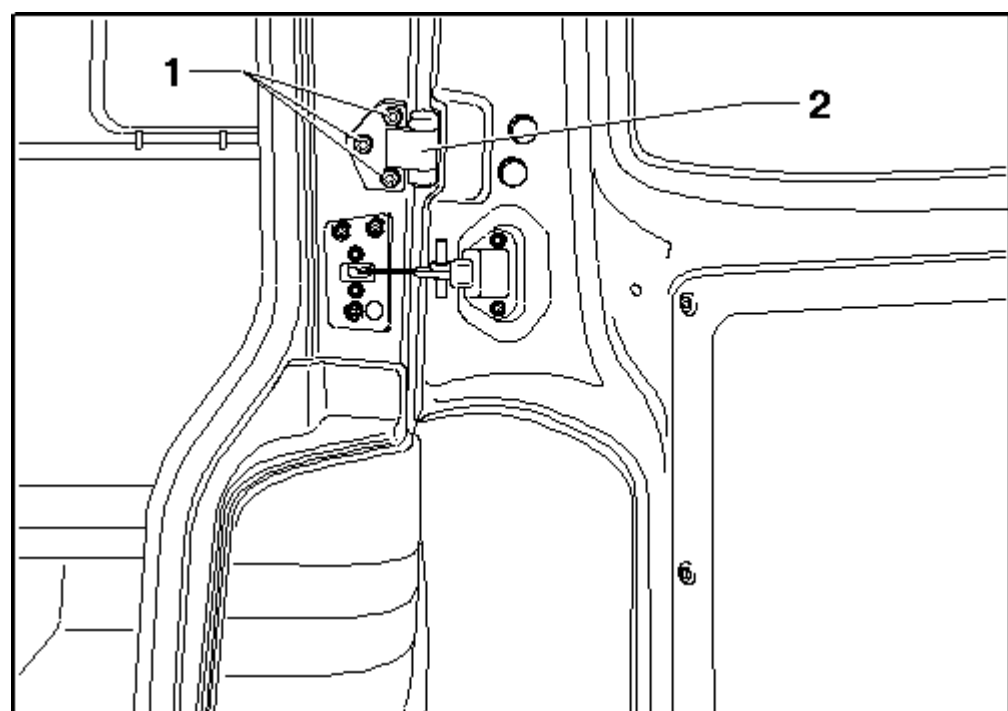
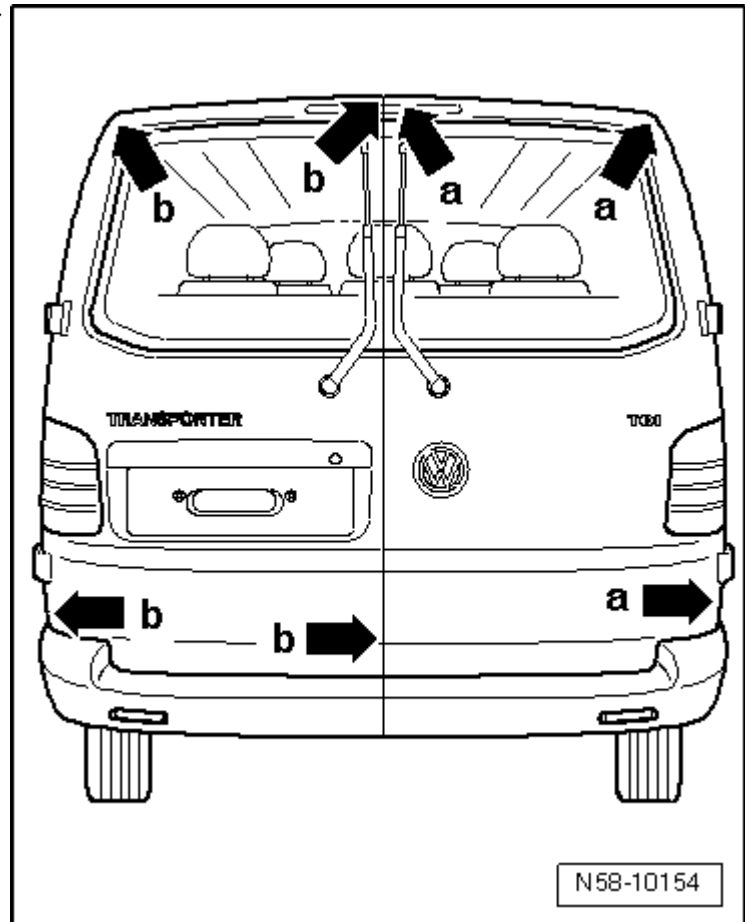
Upper hinge

- Rear wing door can be fitted in upper area by loosening bolts -1- on upper hinge -2- (do not remove).

Lower hinge

- Rear wing door can be fitted in lower area by loosening bolts -3- on lower hinge -4- (do not remove).

- First fit right wing door according to exterior contour -arrows a- with a second mechanic.
- Then adjust left wing door flush to right wing door according to exterior contour -arrows b- with aid a second mechanic.



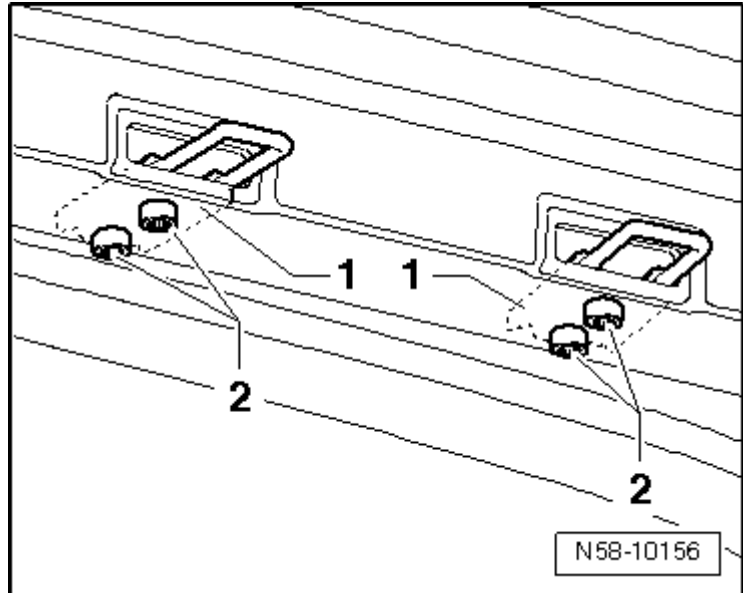
- Following adjustment operations at upper hinge -1-, tighten bolts -2- to specified torque (20 Nm).
- Following adjustment operations at lower hinge -4-, tighten bolts -3- to specified torque (20 Nm).

Adjusting upper striker pin



Note

- ◆ Adjustment work should be performed first of all on the right-hand wing door and then on the left-hand door.
- ◆ The area between the striker pin must be covered by the insert.
- ◆ Observe markings on main seal.
- Remove roof end strip → Rep. Gr.70.
- Release the striker pin -1- by loosening bolts -2-.
- Loosen bolts -2- to slide upper striker pin -1- in over-sized holes.
- Adjust the striker pin -1- so the recess for the lock with rotary tumbler engages centrally to striker pin -1-.
- Close rear wing door and check the adjustment.
- Wing doors must lock properly when closing without any additional force being required and must not have any play
- Wing door must not be raised or pressed down.
- Tighten bolts -2- to the specified torque (20 Nm).



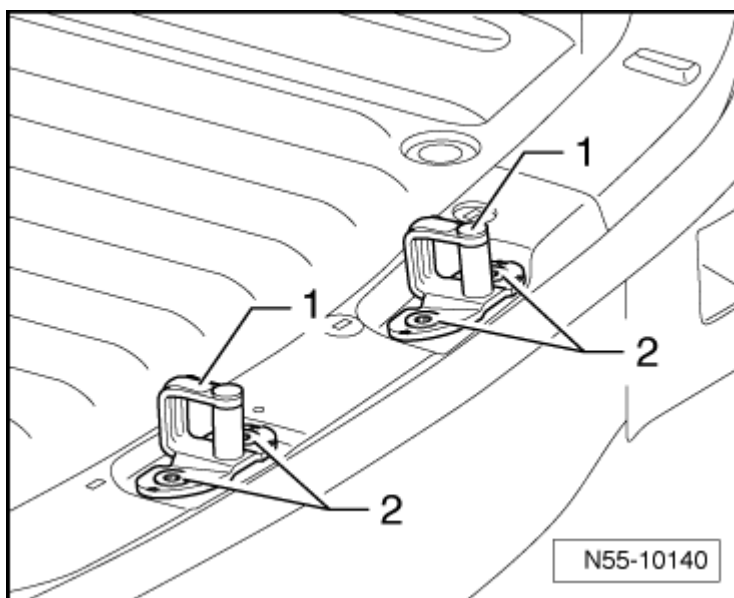
Adjusting lower striker pin



Note

Adjustment work should be performed first of all on the right-hand wing door and then on the left-hand door.

- Remove lock carrier cover → Rep. Gr.70.
- Release the striker pin -1- by loosening bolts -2-.
- Loosen bolts -2- to slide lower striker pin -1- in over-sized holes.
- Adjust the striker pin -1- so the recess for the door lock with rotary tumbler engages centrally to striker pin -1-.
- Close rear wing door and check the adjustment.
- Wing doors must lock properly when closing without any additional force being required and must not have any play
- Wing door must not be raised or pressed down.
- Tighten bolts -2- to the specified torque (20 Nm).



Adjusting upper lock



Note

- ◆ To improve clarity, upper lock cap is not depicted.
 - ◆ Adjustment is carried out for left lock only. Adjustment of the right upper lock is similar.
 - ◆ Adjustment work should be performed first of all on the right-hand wing door and then on the left-hand door.
- Release the lock -1- by loosening bolts -2-.
 - Loosen bolts -2- to adjust upper lock -1- up and down in slots in -direction of arrow-.
 - Adjust the lock -1- so the recess for the lock with rotary tumbler engages centrally to striker pin.
 - Close rear wing door and check the adjustment.
 - Upper lock must lock properly when closing without any additional force being required and must not have any play
 - Wing door must not be raised or pressed down.
 - Tighten bolts -2- to the specified torque (20 Nm).

