

Trunk lid, (Sedan)

Assembly overview

1 - Trunk lid/tailgate

- ◆ Adjusting ⇒ [Page 55-15](#)
- ◆ Gaps/shut lines

⇒ [Repair Manual, Body Collision Repair, Repair Group 00; Body gaps/shut lines; Body rear](#)

2 - Trim

- ◆ Removing and installing

⇒ [Repair Manual, Body Interior, Repair Group 70; Removing and installing trunk lid trim](#)

3 - Adjustment buffer

- ◆ Adjusting ⇒ [Page 55-15](#)

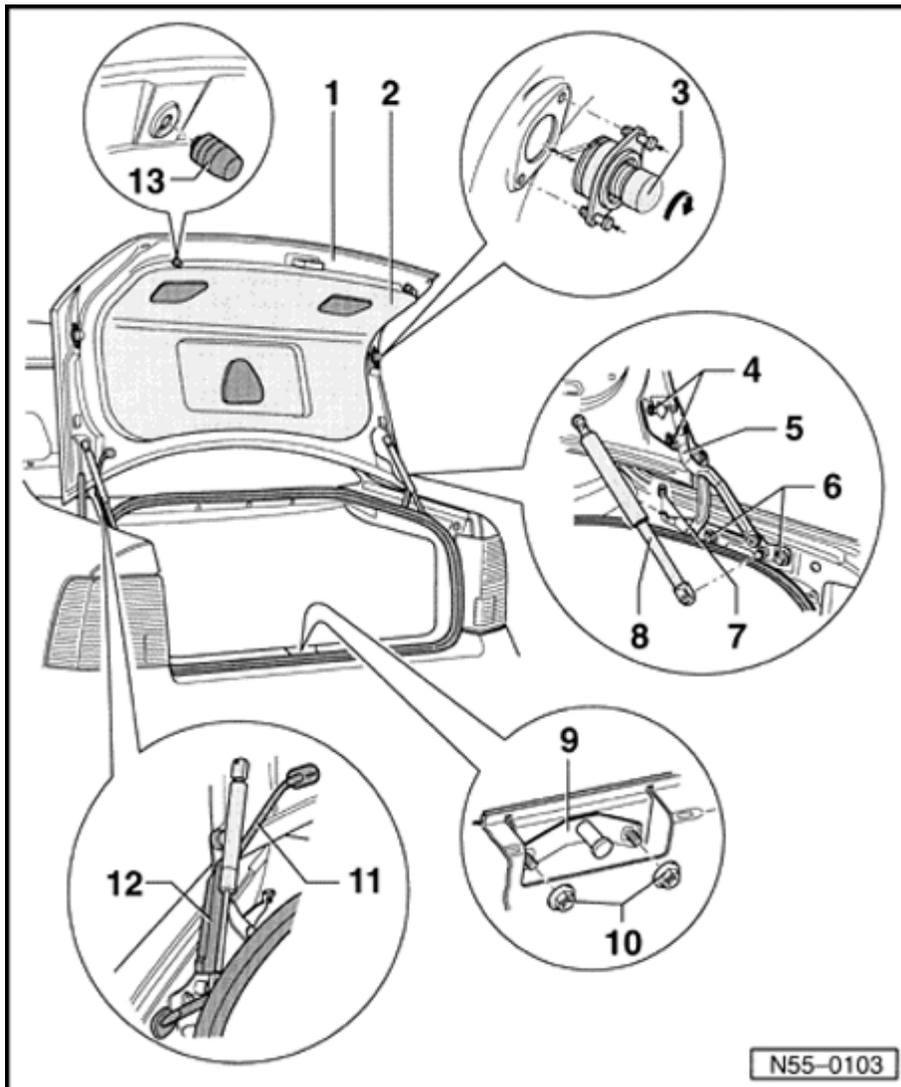
4 - Hexagon nuts

- ◆ 22 Nm

5 - Hinge

6 - Bolt

- ◆ 22 Nm



7 - Rubber buffer

8 - Gas-filled strut

- ◆ Removing and installing ⇒ [Page 55-13](#)
- ◆ Releasing gas ⇒ [Page 55-14](#)

9 - Lock plate

- ◆ Adjusting - within oversized holes
- ◆ Gaps/shut lines

⇒ [Repair Manual, Body Collision Repair, Repair Group 00; Body gaps/shut lines; Body rear](#)

10 - Hexagon nut

- ◆ 7.2 Nm

11 - Cables/hoses

12 - Hinge cover

13 - Rubber buffer



Gas strut, removing

- Support trunk lid/tailgate.

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- Lift locking clip -1- with a screwdriver and pull gas-filled strut off ball-head stud -3-.

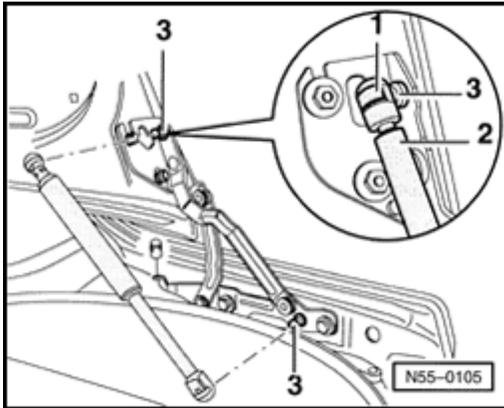
Note:

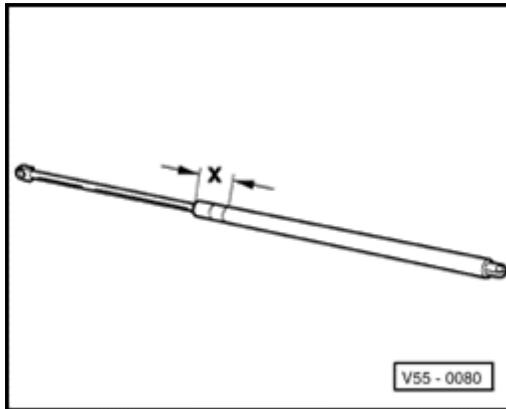
If it is intended to re-use gas-filled strut, then do not lever out locking clip -1- completely from the ball socket otherwise clip will be damaged.

1 - Locking clip

2 - Gas strut

3 - Ball head pin (part of trunk lid/tailgate hinge)





Gas strut, releasing gas

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- Clamp gas-filled strut in vice in area $x = 50$ mm.

Warning!

Clamp only within this area otherwise danger of accident!

- Saw through cylinder of gas-filled strut within first third of cylinder's overall length using piston rod end of cylinder as reference point.

Note:

- ◆ *Protective goggles must be worn during sawing process.*
- ◆ *Cover area of saw cut with a cloth.*
- ◆ *Dispose of oil and cloth via existing disposal channels.*

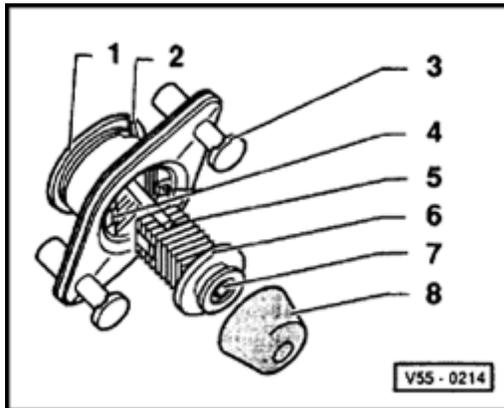


Trunk lid, adjusting up to 10.00

Note:

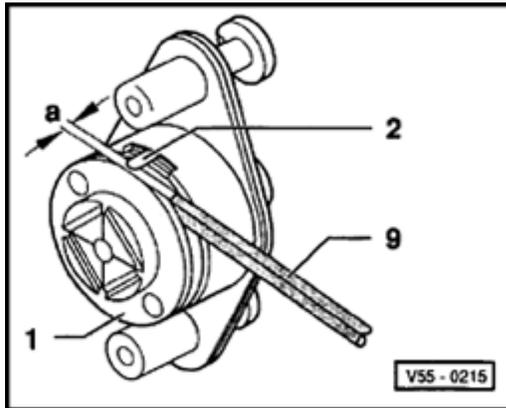
The trunk lid is adjusted correctly, when the shut lines are even all-round, and it does not project too far in or out and all contours align when closed.

Vehicle must be standing on its wheels when performing adjustments.



A

- 1 - Threaded sleeve (with left-hand thread)
 - 2 - Spacer web
 - 3 - Spreader pins with dismantling slot
 - 4 - Detent lugs for basic setting
 - 5 - Recess for detent lugs
 - 6 - Detent slide
 - 7 - Clamping screw
 - 8 - Rubber buffer
- Lever out spreader pin in dismantling slot with a narrow screwdriver and take adjusting stop out of tailgate.
 - Take off rubber buffer and unscrew clamping screw (hexagon socket 3 mm) up to the edge of the detent slot.

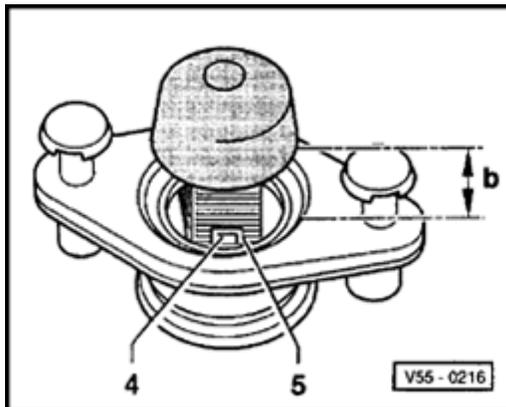


A

- Adjust threaded sleeve -1- (left-hand thread) to a clearance of $a = 3$ mm. check clearance, e.g. with hexagon socket head wrench -9-. Reinstall rubber buffer.

Note:

When new, the adjusting stop should be set to a clearance of 3 mm. The spacer web -2- rests against the threaded sleeve -1-.

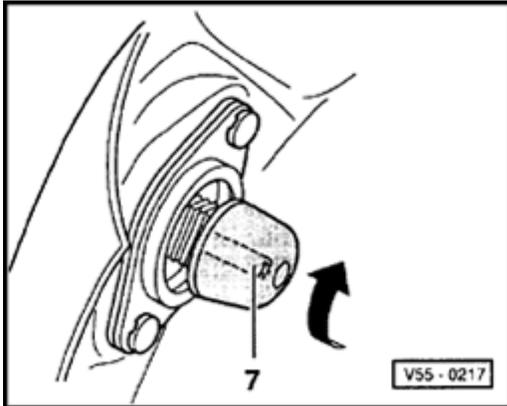


A

- Pull out detent slide and press in again far enough until locking lugs -4- engage in the recess -5-.

Clearance between housing and rubber buffer: $b = 10$ mm.

- Insert adjusting stop, press in spreader pins.
- Close tailgate with slight pressure.
- Open tailgate again.



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- Screw in clamping screw -7- about 20...25 mm.
- Check adjustment.



Trunk lid, adjusting from 10.00

Note:

The trunk lid is adjusted properly, when it has the same size gaps all around in closed position and if it does not excessively protrude in or out and the contours are flush.

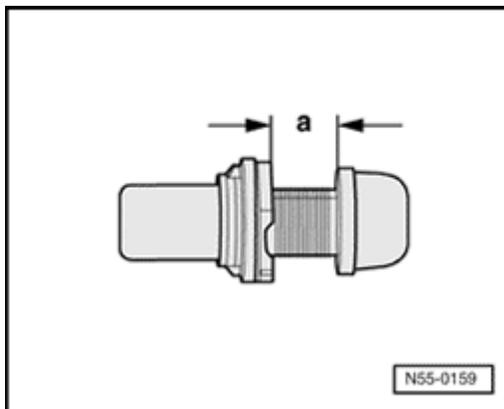
To be able to perform adjustment, the vehicle must be standing on its wheels.

- Loosen locking screw (socket head 3 mm) until the locking slider can be pulled out.

- ▲ *- Pull locking slider out of housing and adjust to dimension $a = 12.5$ mm.*

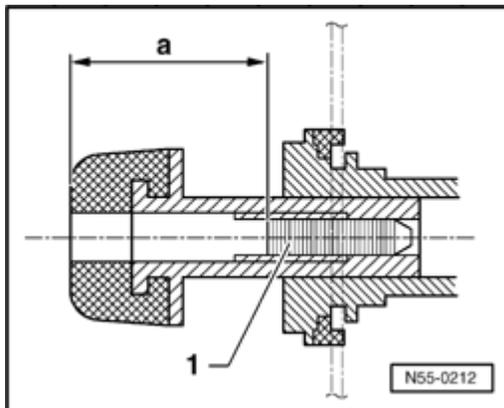
Note:

- In new condition, the adjusting stop is already adjusted to 12.5 mm distance.



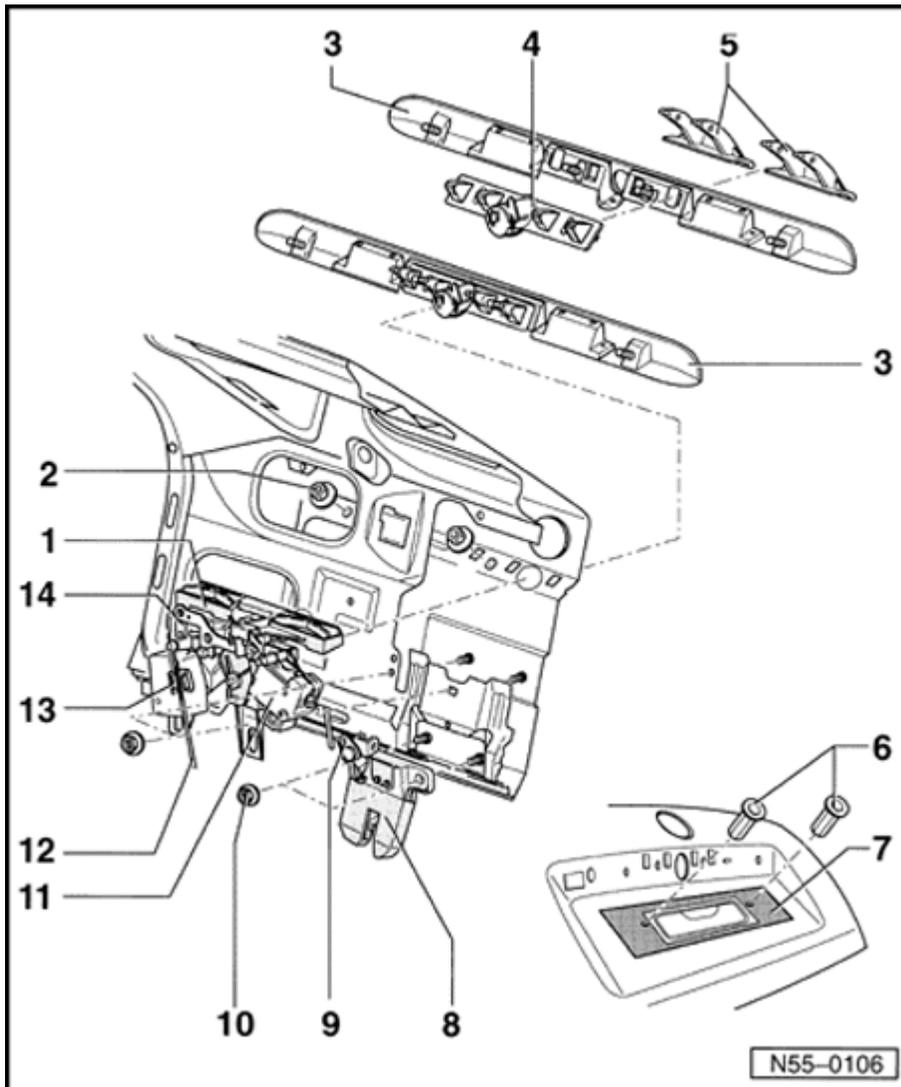


- With slight pressure, close trunk lid from center, while pulling on the handle.
- Open trunk lid again.
- The trunk lid is not adjusted with a pre-tension of approx. 2 mm.



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- Screw in locking screw -1- up to dimension $a = 25$ mm.
- Check adjustment.



Trunk lid lock, removing and installing up to 10.00

1 - Lock cylinder carrier

- ◆ The lock cylinder can only be removed in conjunction with the carrier.
- ◆ Removing and installing ⇒ [Page 55-27](#) .

2 - Hexagon nut

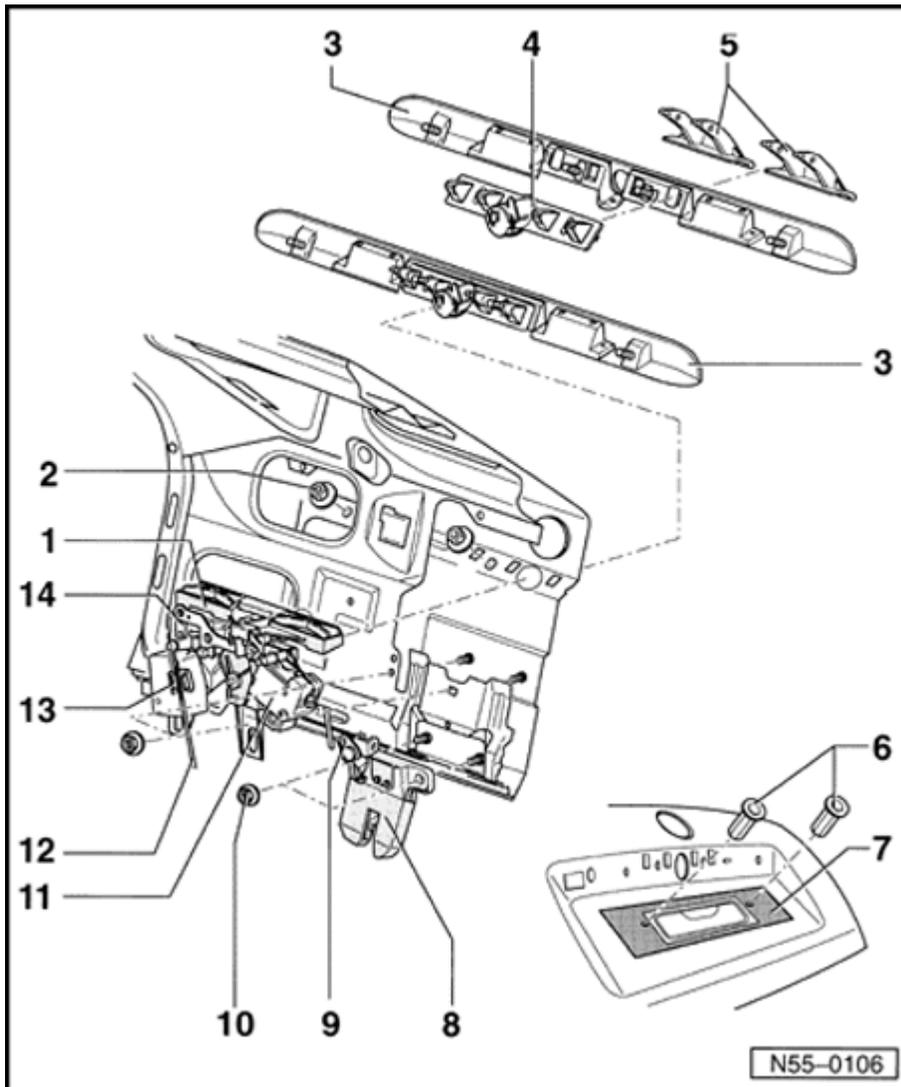
- ◆ 7 Nm

3 - Handle trim

- ◆ Removing
 - Remove lock cylinder carrier ⇒ [Page 55-27](#) .
 - Unscrew hexagon nuts - 2 - and take outer hand grip off trunk lid.

4 - Handle

5 - Push-button



6 - Pop rivet nut

- ◆ Pull in with pop rivet nut tool V.A.G 1765 A

7 - Base for registration plate

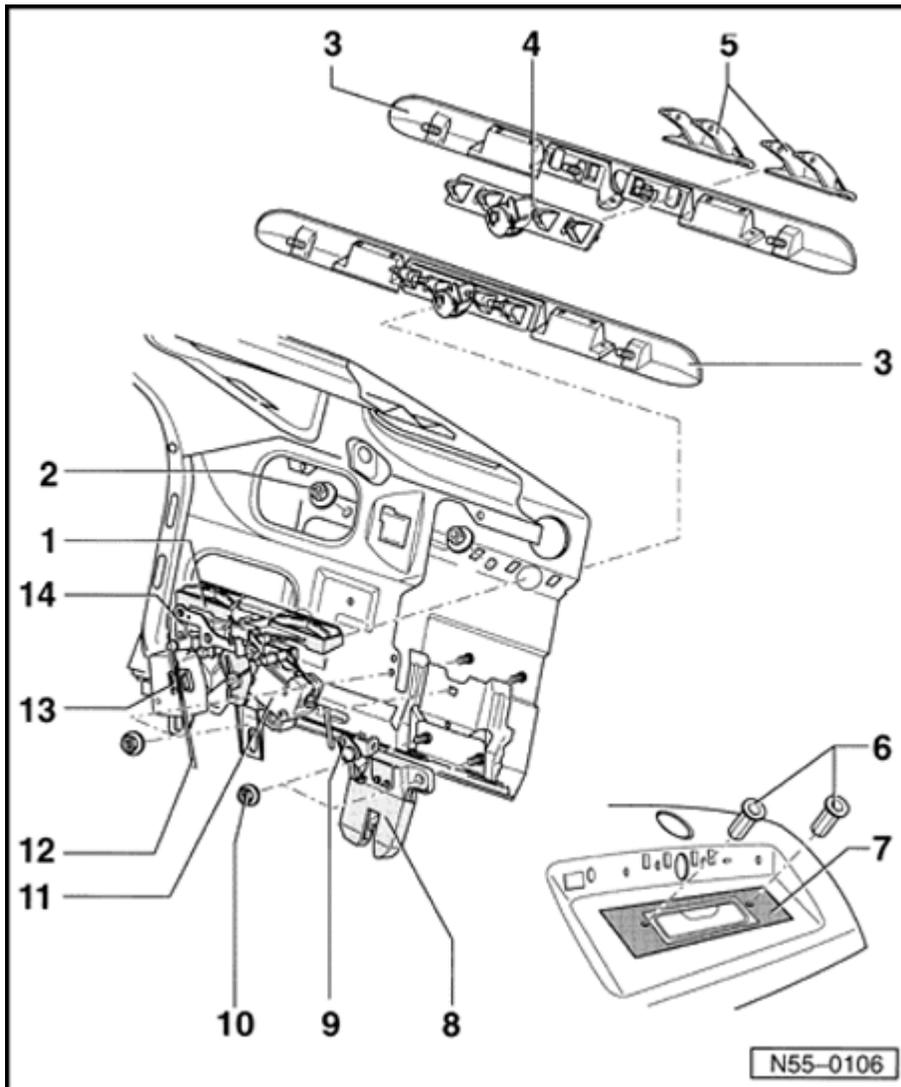
- ◆ Only press on the hatched area
- ◆ The replacement part has two foils. The first foil covers the adhesive surface, the second must be pulled off after assembling.

8 - Lock

- ◆ Removing
 - Remove tailgate trim.

⇒ [Repair Manual, Body Interior, Repair Group 70; Removing and installing trunk lid trim](#)

- Disconnect connector on lock.
- Unclip operating rod - 12 -, unscrew hexagon nuts - 2 - and take lock out of trunk lid.



9 - Relay lever

10 - Hexagon nut

◆ 7 Nm

11 - Central locking actuator

◆ Removing

- Remove lock cylinder carrier ⇒ [Page 55-27](#).

- Unbolt actuator and allow to hang.

12 - Operating rod

◆ Press relay lever - 14 - against stop and insert operating rod stress-free

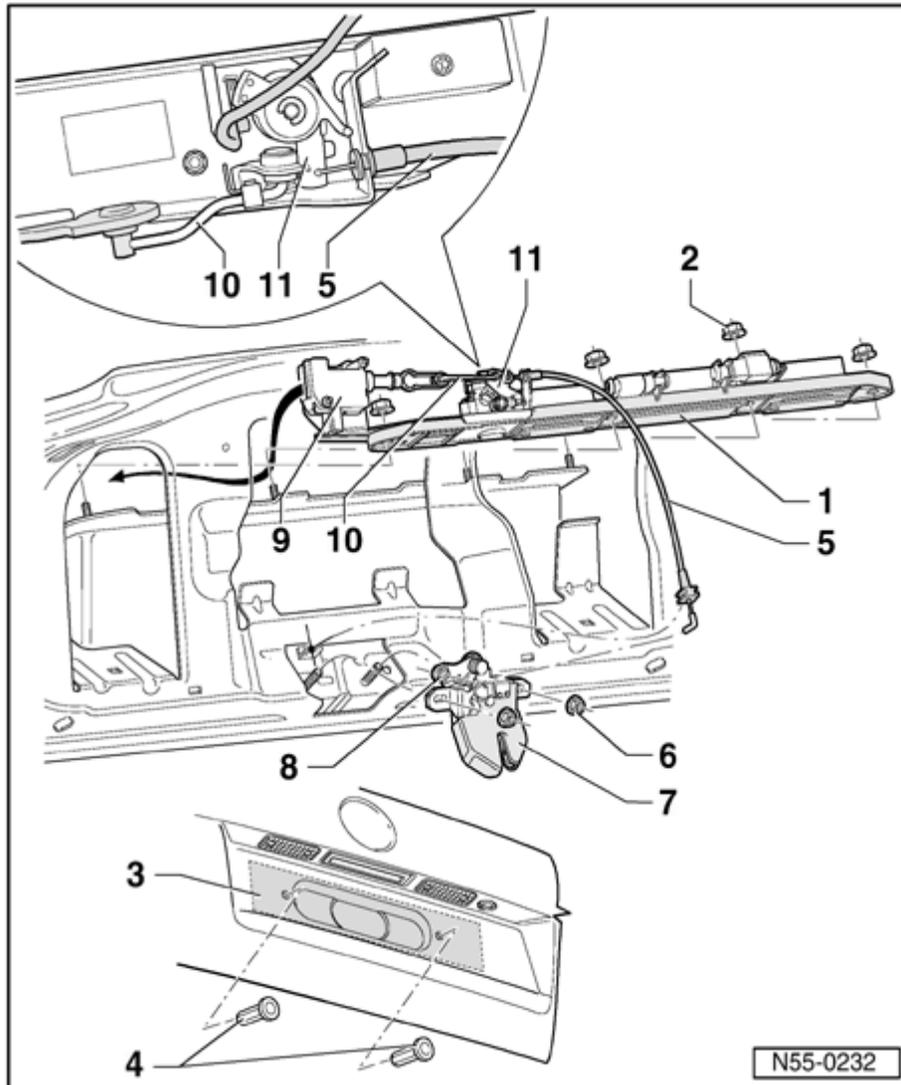
13 - Connector sleeve

14 - Relay lever



Installing

- Engage securing clip again.
- Insert lock cylinder into carrier.
- Fit the complete carrier onto the outer grip and the studs, and engage into the outer grip (a clicking must be heard).



Trunk lid lock and lock cylinder carrier, removing and installing from 10.00

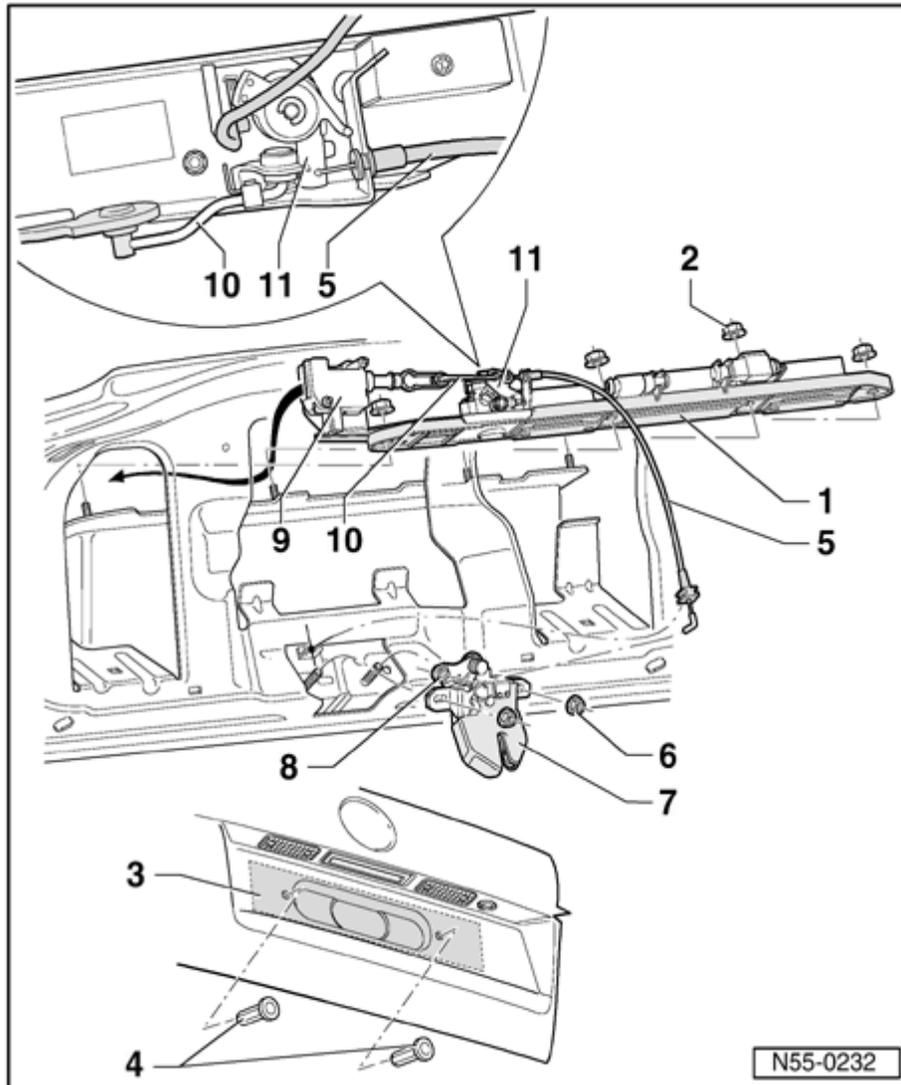
1 - Carrier lock cylinder

Removing

- Disconnect harness connectors for license plate light, power lock adjusting motor and lock cylinder switch.
- Unclip bowden cable -5- at lock. Then remove hex nuts -2-.
- Carrier lock cylinder can now be removed from trunk lid.

Installing

Installation is the reverse order of removal.



2 - Hex nut

- ◆ 7 Nm

3 - License plate backing

- ◆ Only press on hatched area
- ◆ The replacement part has two foils. One foil covers the adhesive surface, the second foil must be removed after installation.

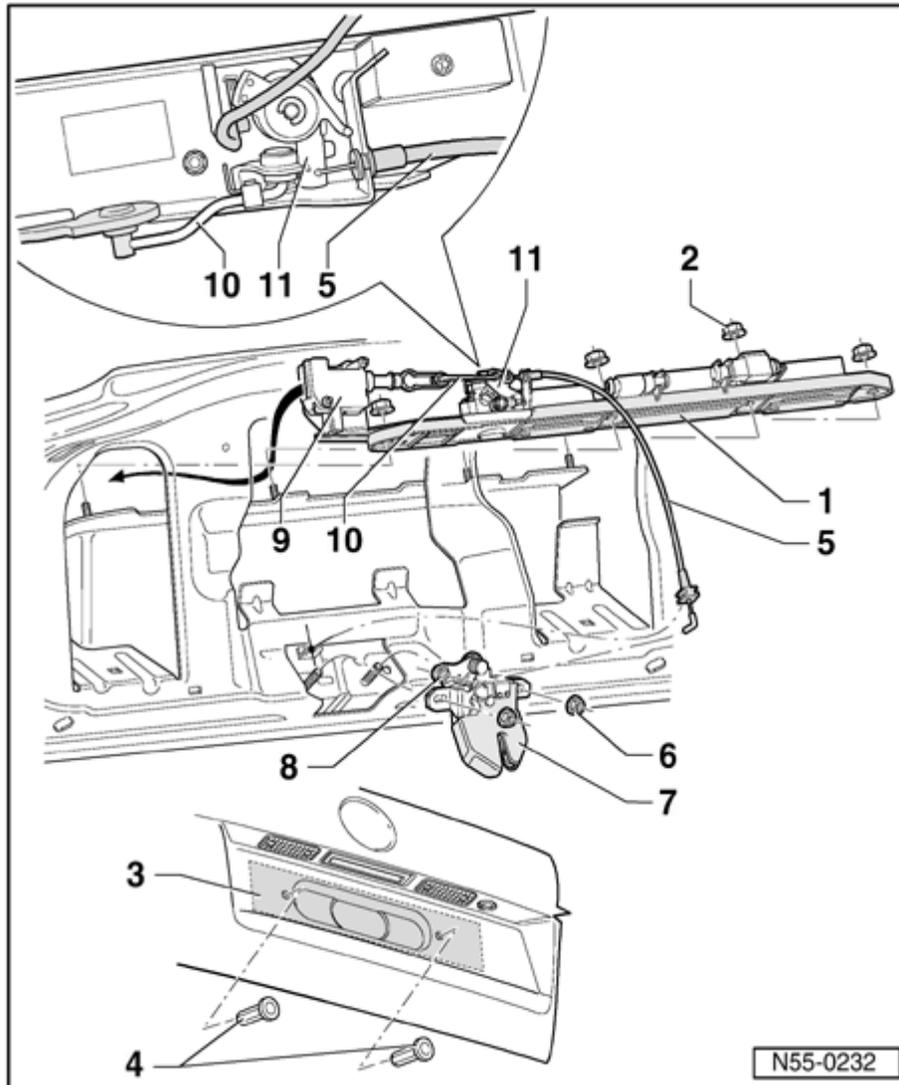
4 - Internally threaded pop rivet

- ◆ Pull in using VAG1765A prying pliers for internally threaded pop rivets

5 - Bowden cable

6 - Hex nut

- ◆ 7 Nm



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7 - Lock

◆ Removing

- Remove trim for trunk lid

⇒ *Repair Manual, Interior, Repair Group 70; Trunk lid trim, removing and installing.*

- Disconnect harness connector at lock.
- Unclip bowden cable -5-, remove hex nuts -6- and remove lock from trunk lid.

8 - Reversing lever

9 - Motor to unlock trunk lid -V139-

◆ Removing

- Carrier lock cylinder -1-, removing and installing ⇒ [Page 55-24](#) .
- Unbolt motor and unhook.

10 - Operating rod

11 - Reversing lever

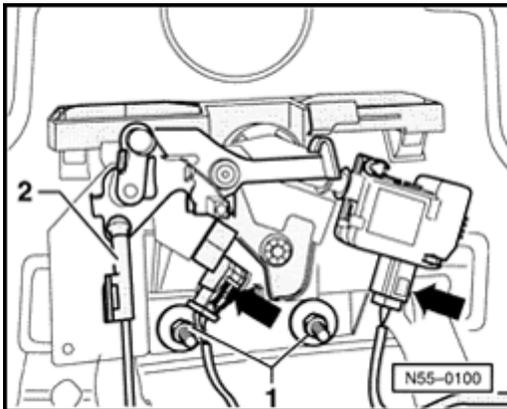


Lock cylinder carrier, removing and installing up to 10.00

Removing

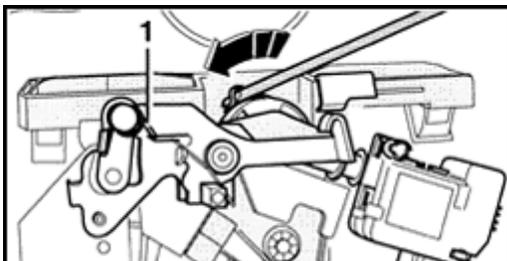
- Remove trunk lid trim

⇒ [Repair Manual, Body Interior, Repair Group 70; Removing and installing trunk lid trim](#)



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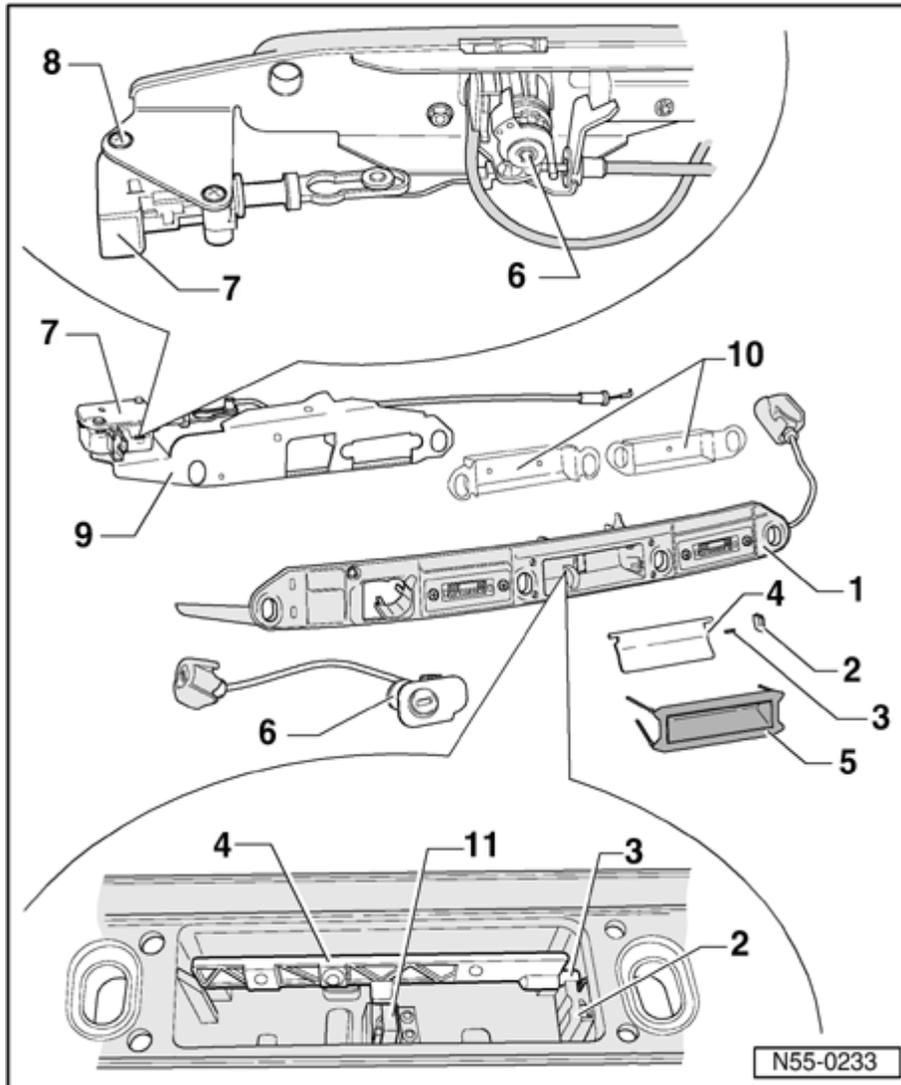
- Separate connectors -arrows-.
- Unclip operating rod -2- for trunk lid lock.
- Unscrew hexagon nuts -1-.



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- Release securing clip -arrow- by turning anti-clockwise with a screwdriver and hold.
- Pull lock cylinder carrier -1- off trunk lid and therewith off outer hand grip.

- The lock cylinder can now be taken out of the carrier.



Lock cylinder housing, removing and installing from 10.00

1 - Carrier lock cylinder

2 - Guide piece

3 - Guide pin

4 - Handle

5 - Seal

6 - Lock cylinder housing

◆ Clipped into the lock cylinder carrier

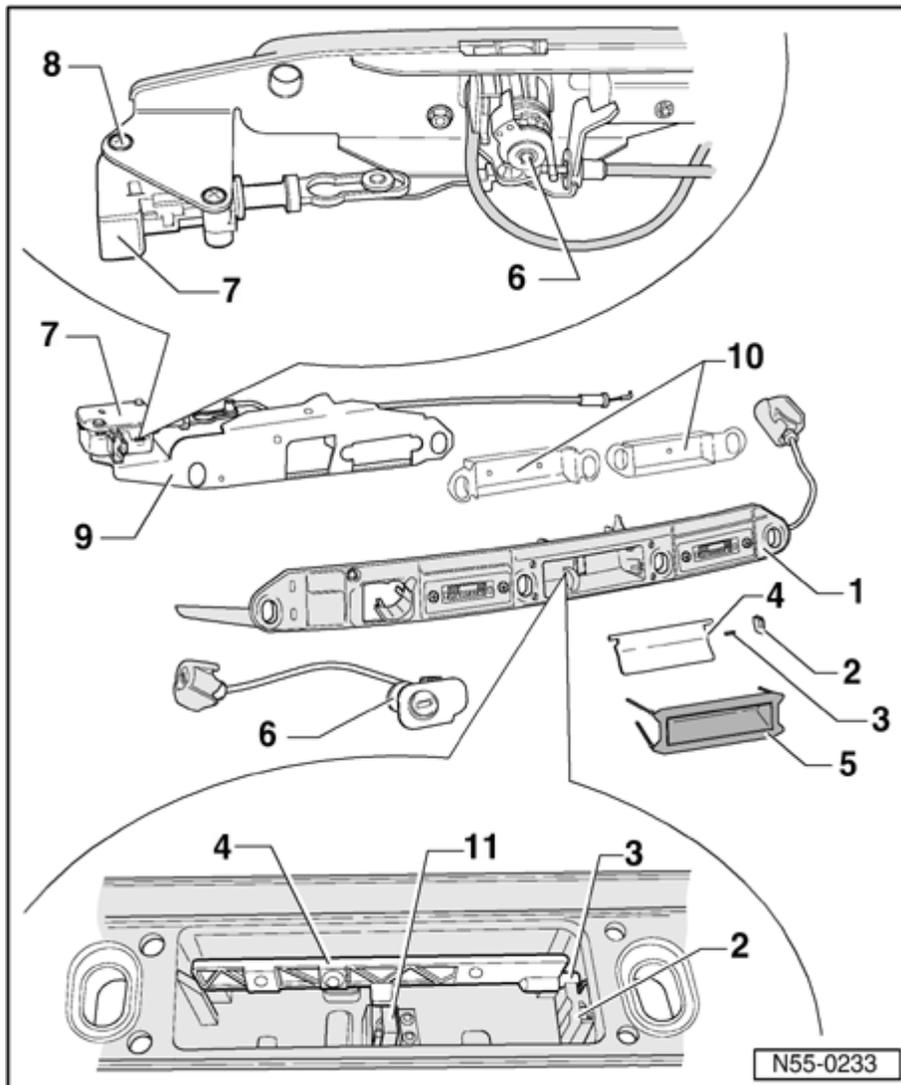
7 - Motor to unlock rear lid -V139-

◆ Removing

- Remove lock cylinder carrier -1- ⇒ [Page 55-24](#) .

- Unbolt motor and unhook.

8 - Screw



9 - Carrier plate

- ◆ Bolted onto the lock cylinder carrier

10 - Conductor housing

- ◆ Secured to carrier using circlip

11 - Trunk lid release switch -E165-

- ◆ Soldered onto lock cylinder carrier