

ACCESSORIES & EQUIPMENT

Rear Doors (Sedan)

REAR DOORS

DESCRIPTION AND OPERATION

DOOR ADJUSTING

SPECIAL TOOLS AND WORKSHOP EQUIPMENT REQUIRED

- Adjustment Gauge 3371
- Template T40038 /8

NOTE:

- The >>min and max<< markings are used to check the lateral adjustment.
- The recess in the center of the template is used for checking the height.
- The 0.4 mm graduation is used for checking the recess of the front door to the fender, or of the rear door to the front door.
- the 0.6 mm graduation is used to check the recess of the trim on the B-pillar from the rear door to the front door.

GAP DIMENSIONS

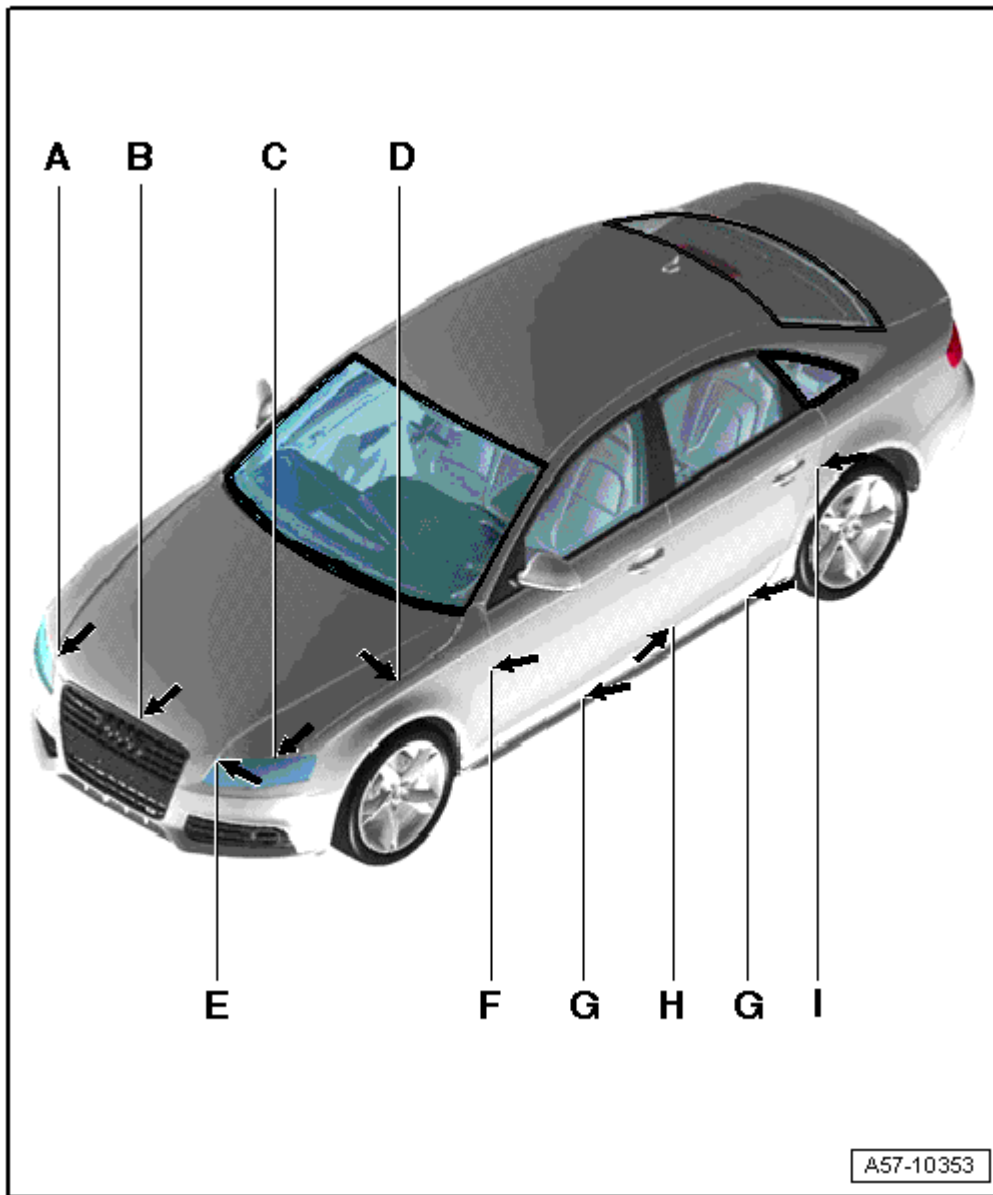


Fig. 1: Identifying Hood Gap Dimensions

Courtesy of AUDI OF AMERICA, LLC

NOTE:

- All dimensions are given in mm.
- All dimension tolerances are ± 0.5 mm.
- The parallel alignment of the gap must not exceed 0.5 mm.

- Dimension G = 5.5 mm
- Dimension H = 4.5 mm
- Dimension I = 3.5 mm

-- Remove the B-pillar trim. Refer to **Removal and Installation** .

-- Remove the B-pillar coupling station. Refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation** .

1. ADJUSTMENT IN LONGITUDINAL DIRECTION

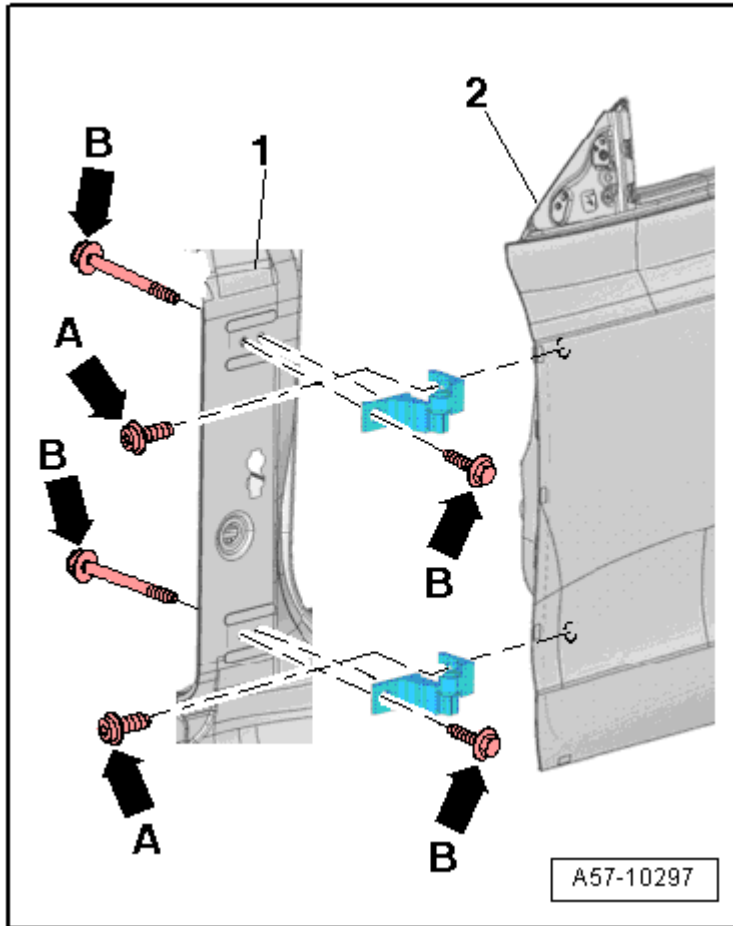


Fig. 2: Identifying Adjustment Bolts

Courtesy of AUDI OF AMERICA, LLC

-- Loosen the bolts -arrows B- at the top and at the bottom of the hinge and on the A-pillar -1-.

-- Adjust the door -2- lengthwise.

-- Tighten the bolts -B arrows-.

- Tightening specifications. Refer to item 7.

Height Adjustment

NOTE:

- The hinge screws on the door (refer to item 8) are fitting screws, therefore it is not necessary to adjust the door using these screws.

- If it is necessary to make an adjustment using the bolts, the bolt can be replaced with one of the same length and strength category.

-- Use the T40038 /8 for adjusting.

-- Place the T40038 /8 in distance -a- = 150 mm and/or -b- = 50 mm.

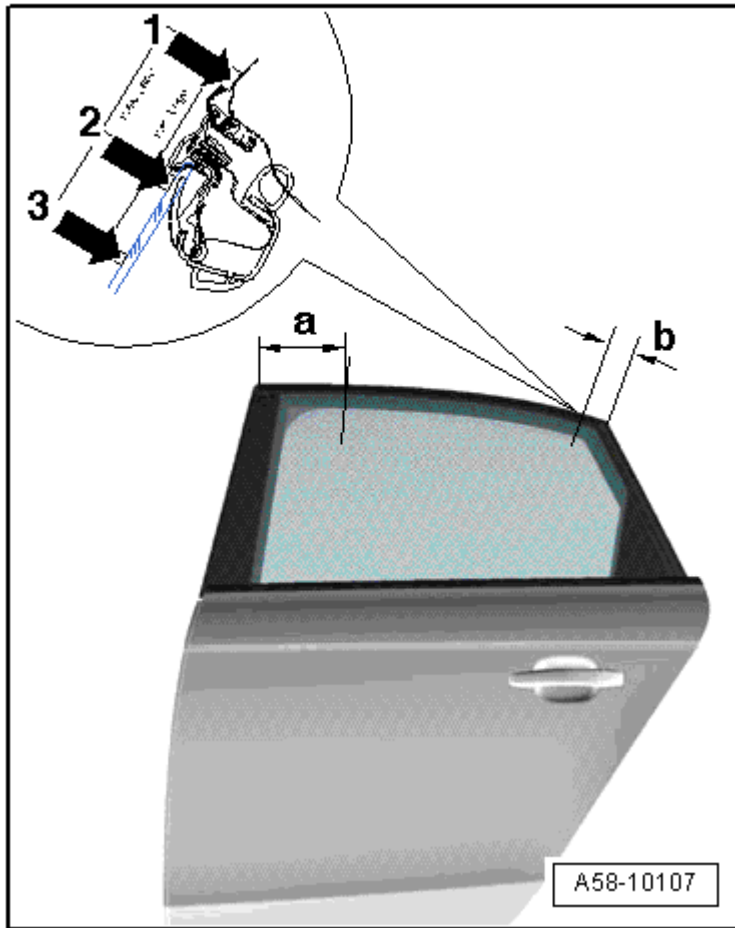


Fig. 3: Identifying Height Adjustment
Courtesy of AUDI OF AMERICA, LLC

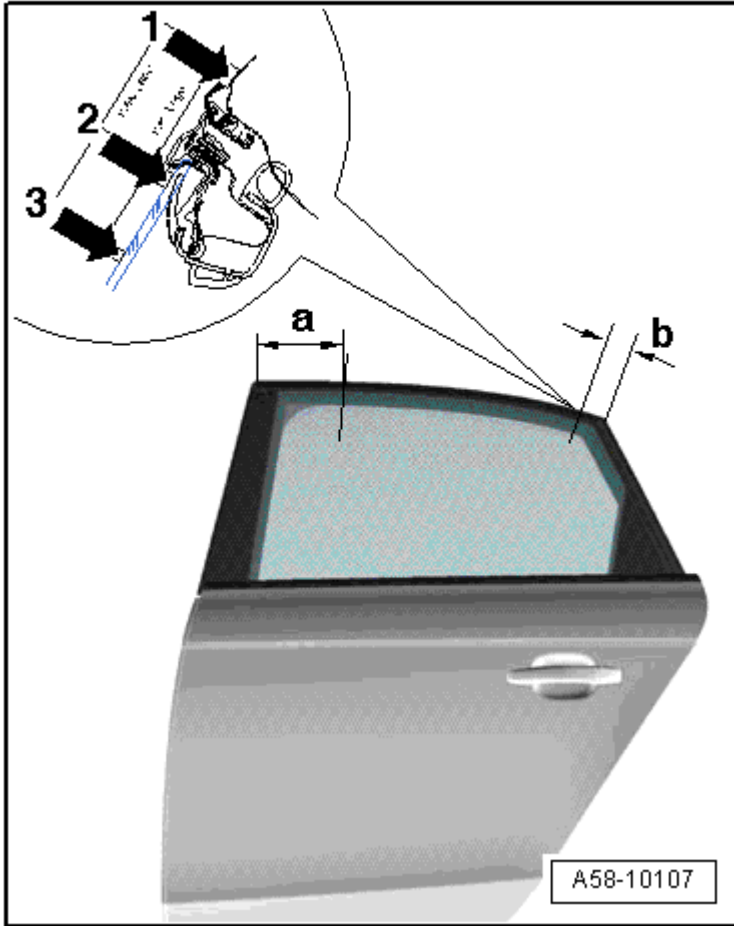
-- When correctly adjusted, the T40038 /8 must contact the roof and trim strip >>point 1<< (-arrows-) as illustrated.

-- At >>point 2<< the bottom of the window guide must be inside the groove.

2. ADJUSTMENT TO CENTER OF VEHICLE

-- Loosen the bolts -A arrows- (**1. Adjustment in Longitudinal Direction**) on the top and bottom of the hinge.

-- Adjust the door -2- lengthwise.



- **The bolt is a fitting bolt so it is generally not necessary to adjust the door**

using it.

- If it is necessary to make an adjustment using these bolts, the bolt can be replaced with one of the same length and strength category.

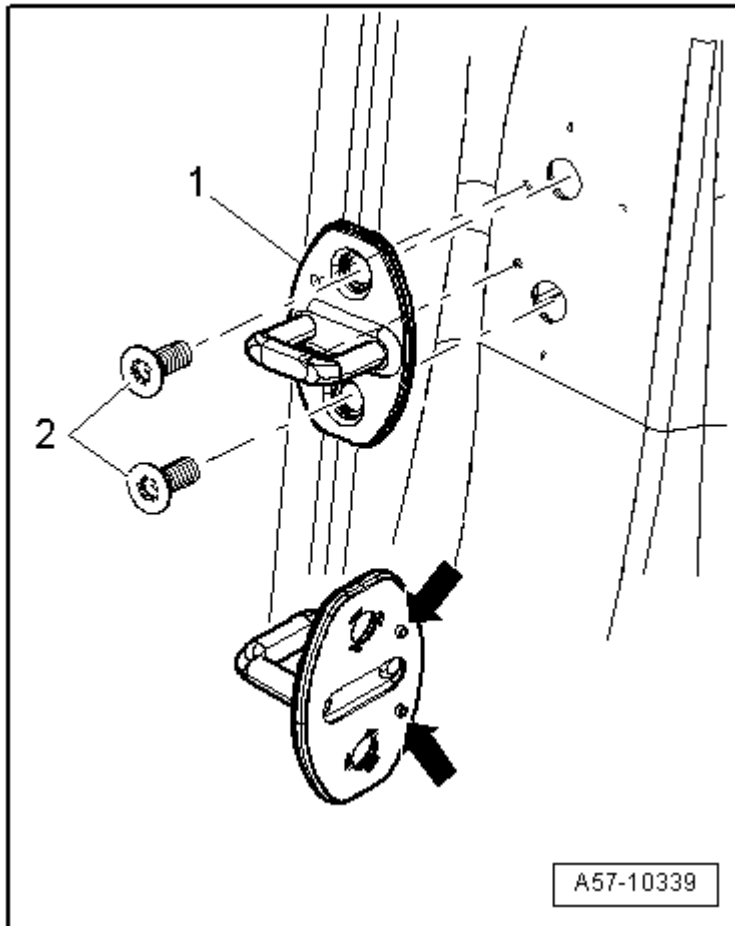


Fig. 5: Identifying Striker Pin, Adjustment

Courtesy of AUDI OF AMERICA, LLC

NOTE:

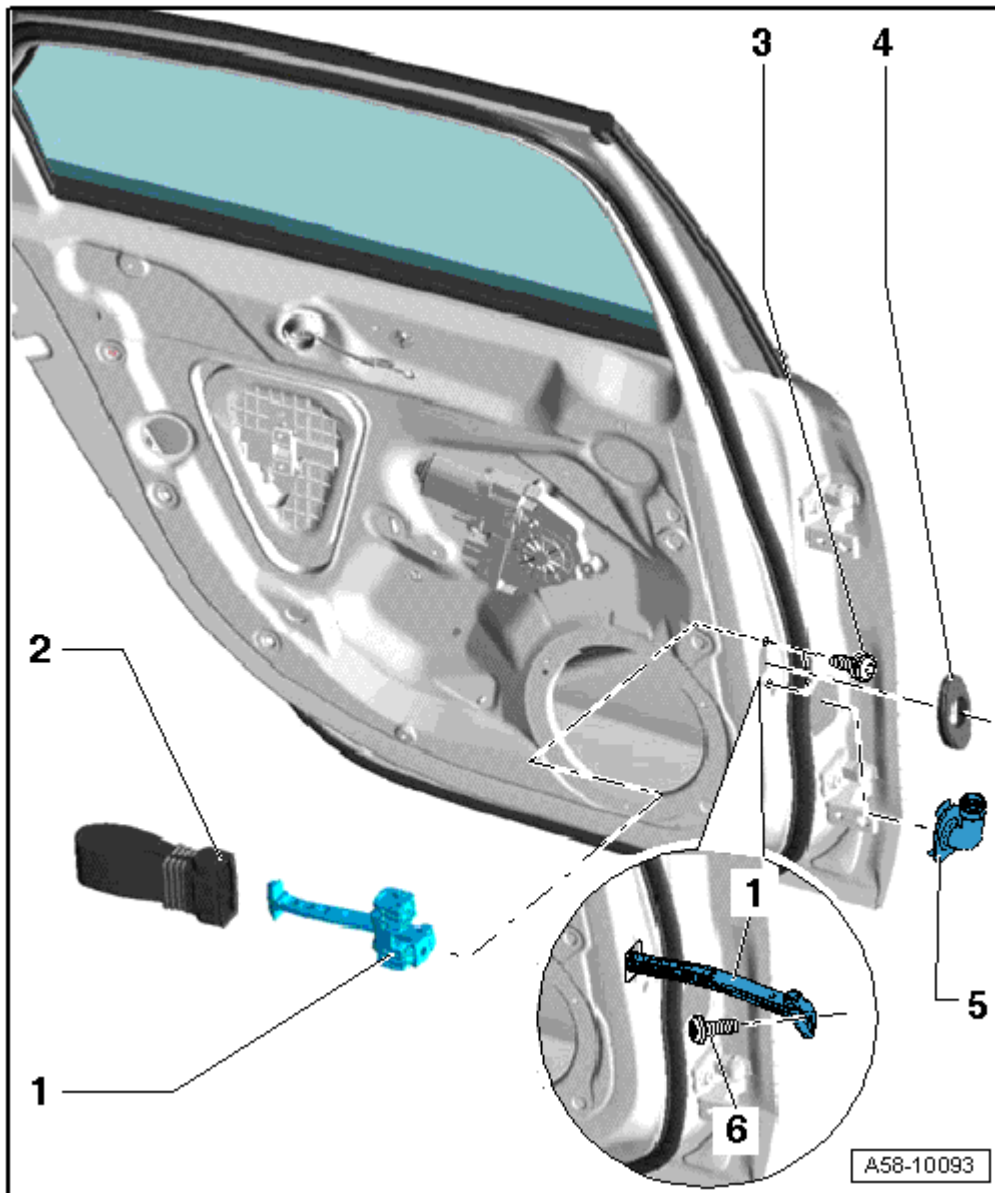
- Only work from the center of the vehicle out when adjusting at the striker pin.
- Do not adjust the door height using the striker pin because the door lock will be damaged.

-- Loosen the bolts -2-.

-- Slide the striker pin -1- until the door is flush with the body contours.

-- Striker pin must align in door lock center for correct adjustment.

-- Tighten the bolts -2-.

DOOR CHECK OVERVIEW**Fig. 6: Door Check Overview**

Courtesy of AUDI OF AMERICA, LLC

1. Door Check
2. Rubber Grommet
3. Bolt
 - 8 Nm
4. Cover
5. Grommet
6. Bolt

- 8 Nm

Removing

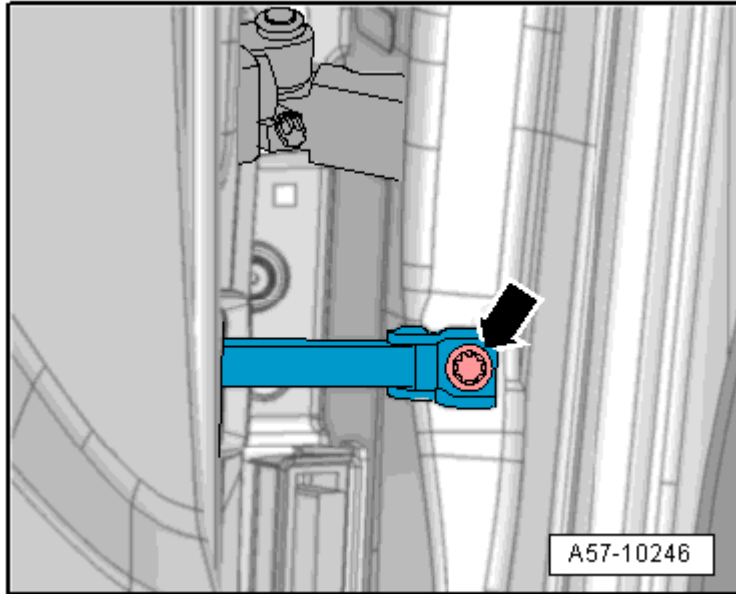


Fig. 7: Identifying Door Arrester Bolt
Courtesy of AUDI OF AMERICA, LLC

- Close the window.
- Remove the door trim. Refer to **Removal and Installation** .
- Remove the lower speaker. Refer to **Removal and Installation** .
- Remove the door arrester bolt -arrow-.
- Remove the door check seal -1- on the door opening.

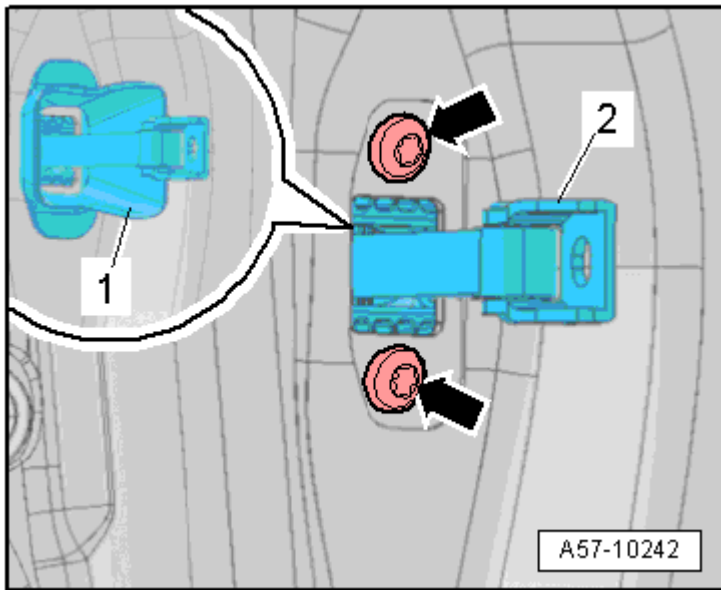


Fig. 8: Identifying Door Check Components
Courtesy of AUDI OF AMERICA, LLC

- Remove the bolt -arrows- and remove the door check -2- inward.
- Pull the rubber grommet -1- on the door check to the side -arrows A-.

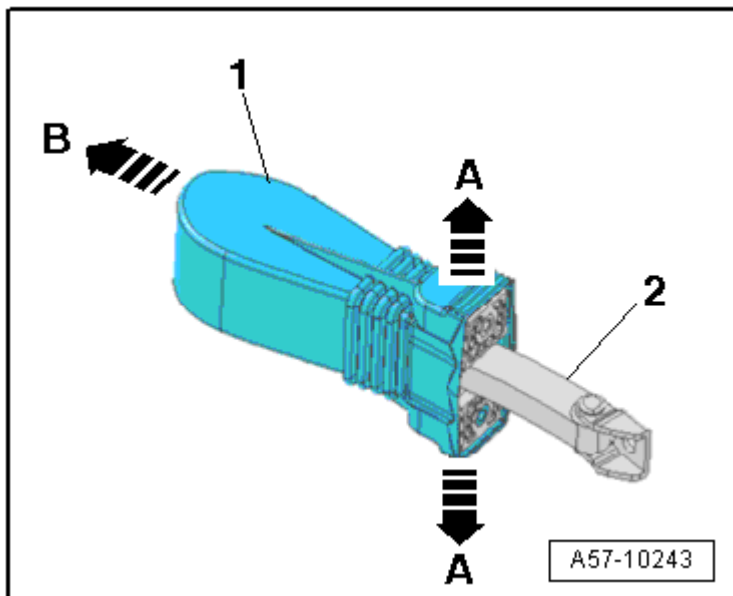


Fig. 9: Identifying Door Check Grommets
Courtesy of AUDI OF AMERICA, LLC

- Remove the rubber grommet from the door check -2- -arrow B-.

Installation

- Tightening specifications, refer to item 3.

To install, perform the steps used in removal in reverse order.

DOOR HANDLE AND LOCK OVERVIEW

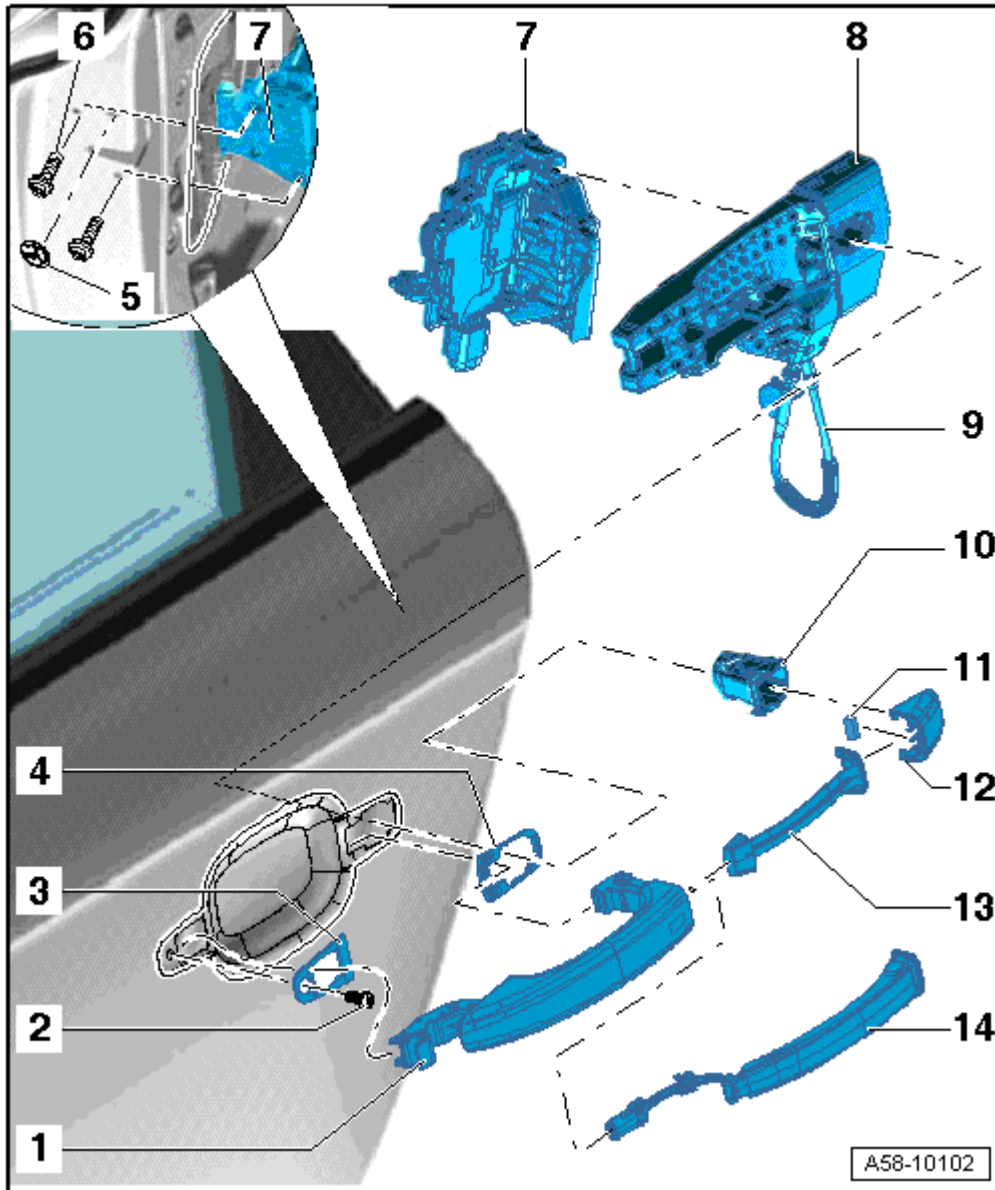


Fig. 10: Identifying Door Handle And Lock Overview

Courtesy of AUDI OF AMERICA, LLC

1. Outside Door Handle

NOTE:

On vehicles with "keyless entry system" rear outside door handle touch sensors >>G 417/418<< are located in outside door handle.

- Before installation, front and rear backing installed in door outer panel.
 - Removing and installing, refer to **OUTER DOOR HANDLE**.
2. Bolt
 - 2.5 Nm
 3. Front Backing
 4. Rear Backing
 5. Cover
 - Unclip prior to removing the door handle.
 6. Bolt
 - 19 Nm
 7. Door Lock
 - Removing and installing, refer to **DOOR LOCK**.
 8. Mounting Bracket
 - Rear backing -5- slid into outer door panel.
 - To install, engage mounting bracket with loosely installed screw -10- in door, slide forward and tighten screw to 2.5 Nm.
 9. Actuating Link
 - Engage in door lock.
 10. Housing
 - Before installing, attach cover cap -7-.
 - Removing, refer to **OUTER DOOR HANDLE**.
 11. Magnet
 - For vehicles with the "keyless entry system".
 12. Cover
 - Removing and installing, refer to **REMOVE THE HOUSING CAP**.
 13. Outer Door Handle Trim
 - For vehicles without the "keyless entry system".
 - Removing and installing, refer to **OUTER DOOR HANDLE TRIM**.
 14. Door Handle Sensor
 - For vehicles with the "keyless entry system".
 - Removing and installing, refer to **REAR OUTSIDE DOOR HANDLE TOUCH SENSOR**.

DOOR LOCK OVERVIEW

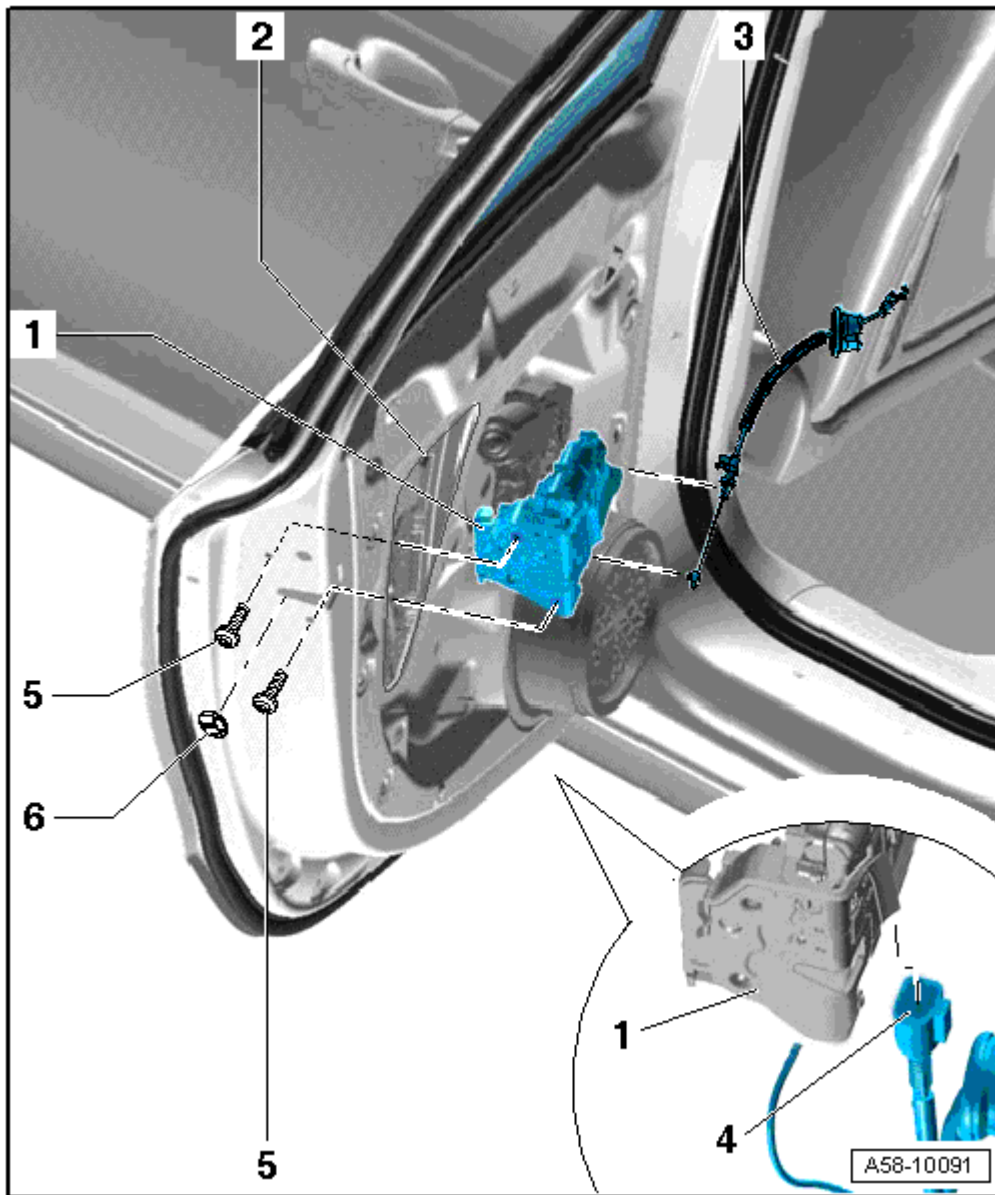


Fig. 11: Identifying Door Lock Overview
Courtesy of AUDI OF AMERICA, LLC

1. Door Lock
 - Removing and installing, refer to **DOOR LOCK**.
2. Door
3. Door Opener Actuating Link
4. Electrical Connection
5. Bolt
 - Torque specification, refer to item 3.
6. Cover

OUTER AND INNER WINDOW SHAFT STRIP OVERVIEW

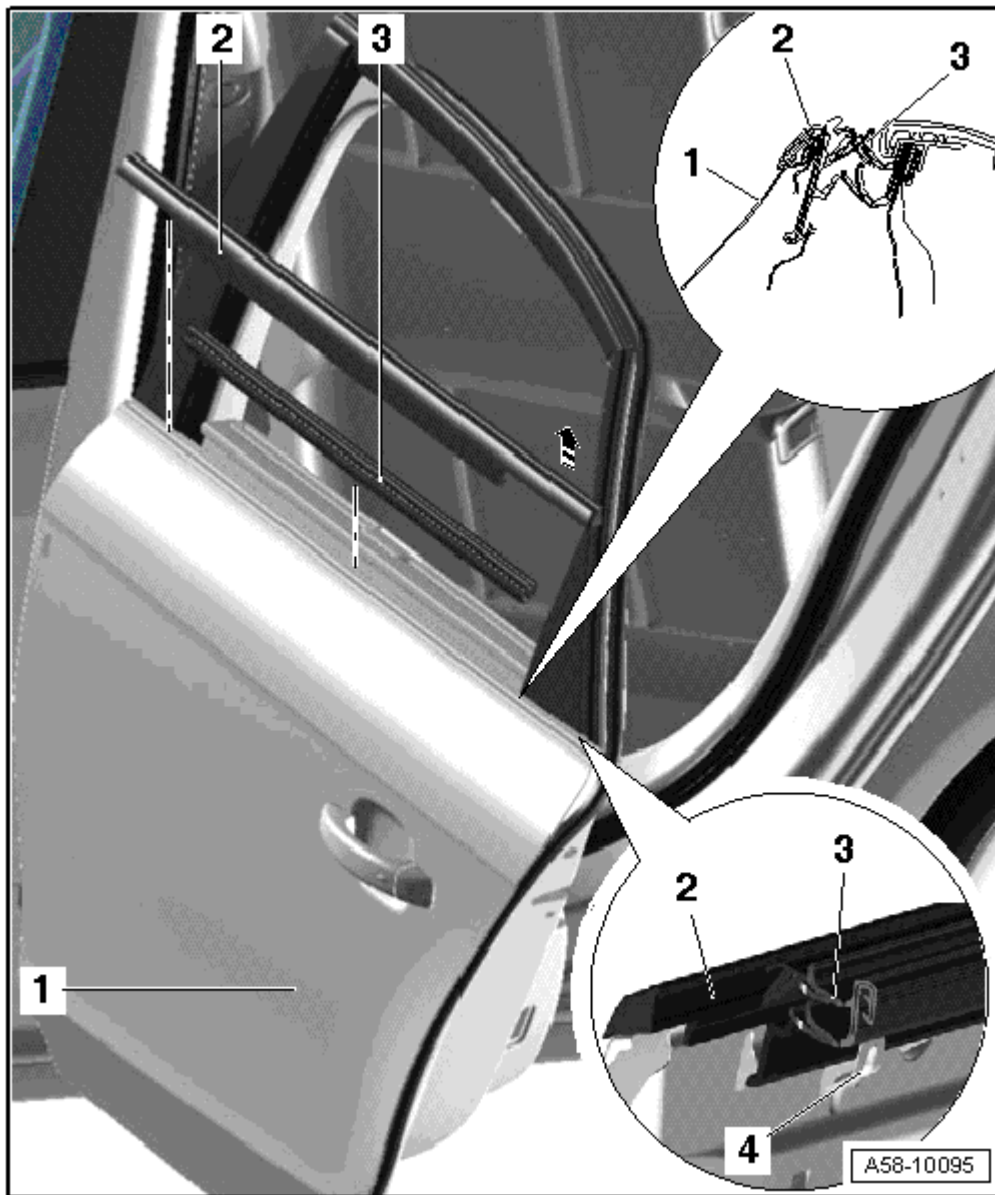


Fig. 12: Identifying Outer And Inner Window Shaft Strip Overview
Courtesy of AUDI OF AMERICA, LLC

1. Door
2. Outer Window Shaft Strip

- **Removal:**

Door trim removed, refer to **Removal and Installation** .

-- Run door window all the way up.

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-- Remove shaft strip upward.

3. Inner Window Shaft Strip

- **Removal:**

Door trim removed, refer to **Removal and Installation** .

-- Remove shaft strip upward.

4. Clip

- 3x

REAR DOOR OVERVIEW

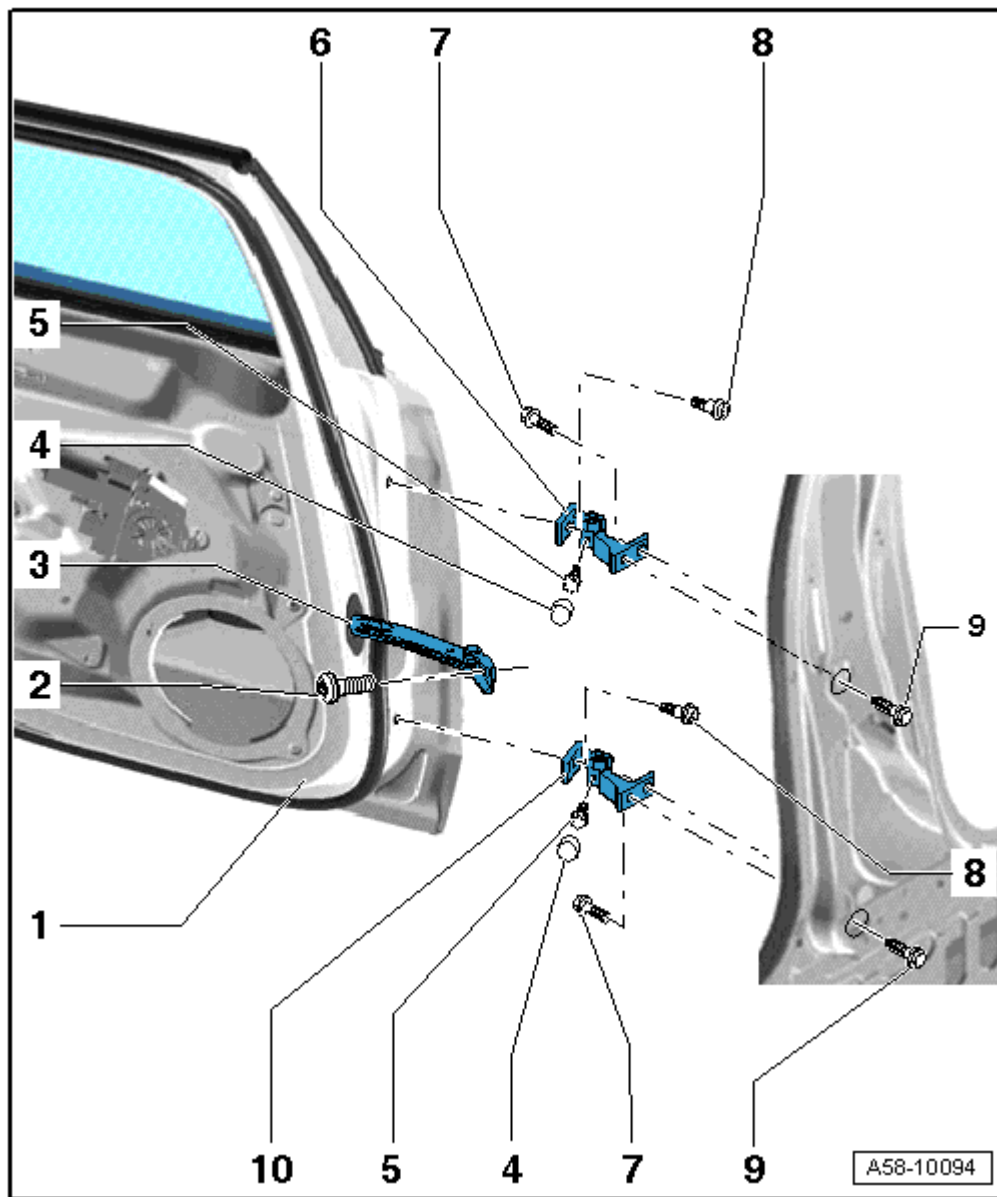


Fig. 13: Identifying Rear Door Overview
Courtesy of AUDI OF AMERICA, LLC

1. Door
2. Bolt
 - 8 Nm
3. Door Check
 - Removing and installing, refer to **DOOR CHECK OVERVIEW**.
4. Cover
 - Mount on the stud bolt.
5. Stud Bolt
 - 30 Nm

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6. Upper Door Hinge

7. Bolt

- 32 Nm

8. Bolt

NOTE:

- The bolt is a fitting bolt so it is generally not necessary to adjust the door using it.
- If it is necessary to make an adjustment using these bolts, the bolt can be replaced with one of the same length and strength category.

- 45 Nm

9. Bolt

- 32 Nm

10. Bottom Door Hinge

STRIKER PIN, DOOR LOCK AND DOOR OPENER ACTUATING LINK OVERVIEW

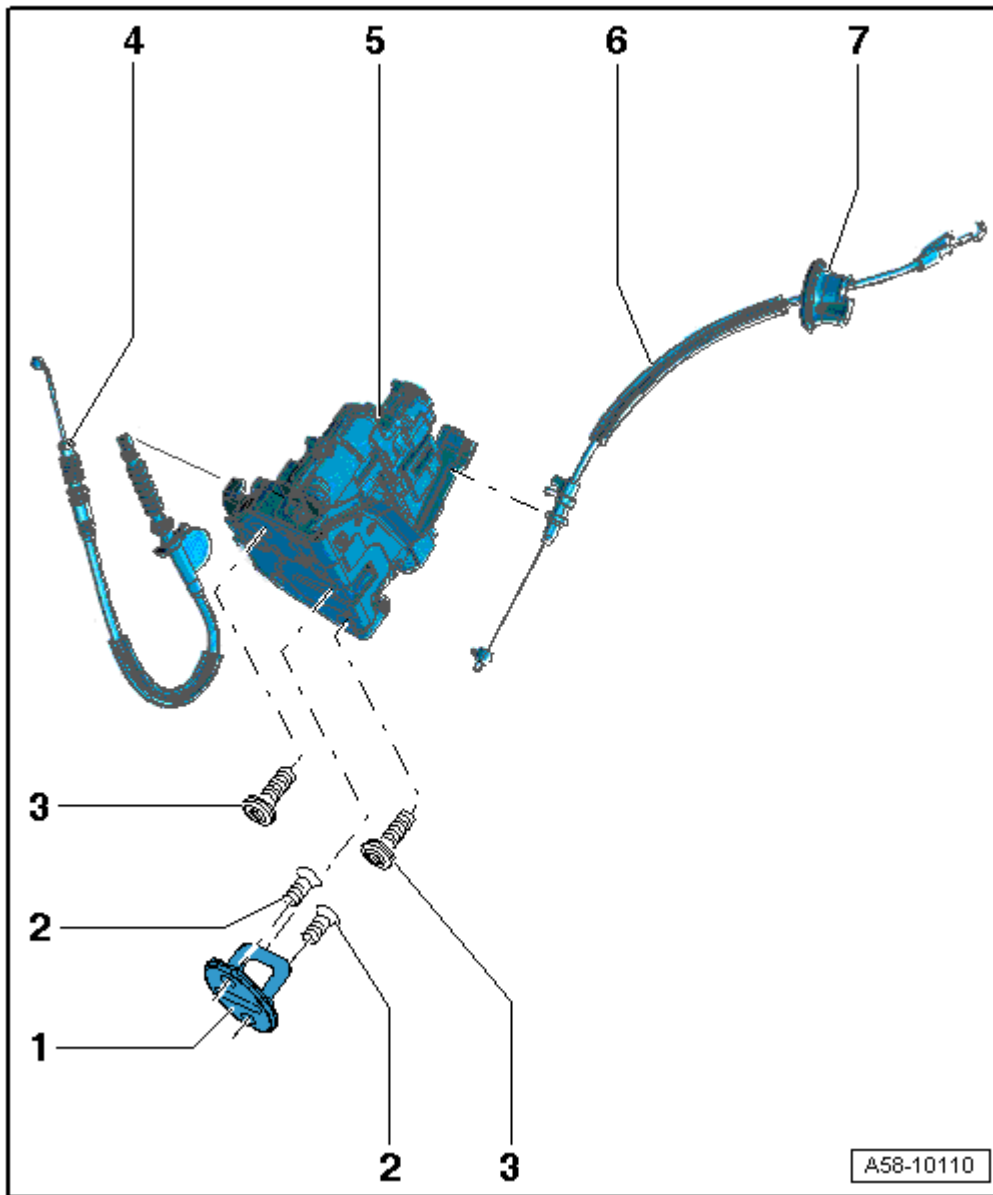


Fig. 14: Identifying Striker Pin, Door Lock And Door Opener Actuating Link Overview
Courtesy of AUDI OF AMERICA, LLC

1. Striker Pin
 - Removing and Installing, refer to **STRIKER PIN**.
2. Bolt
 - 25 Nm
3. Bolt
 - 19 Nm
4. Door Lock Actuating Link

CAUTION: There is a risk of malfunctions.

The door lock must be removed and installed together with the bracket to prevent overbending the cable when disengaging and engaging it.

The cable must be disconnected from/attached to the Lever on the door lock outside of the door.

5. Door Lock

- Removing and installing, refer to **DOOR LOCK**.

6. Door Opener Actuating Link

- Removing and installing, refer to **DOOR OPENER ACTUATING LINK**.

7. Grommet

- Cannot be replaced separately.

WINDOW REGULATOR MOTOR AND WINDOW REGULATOR OVERVIEW

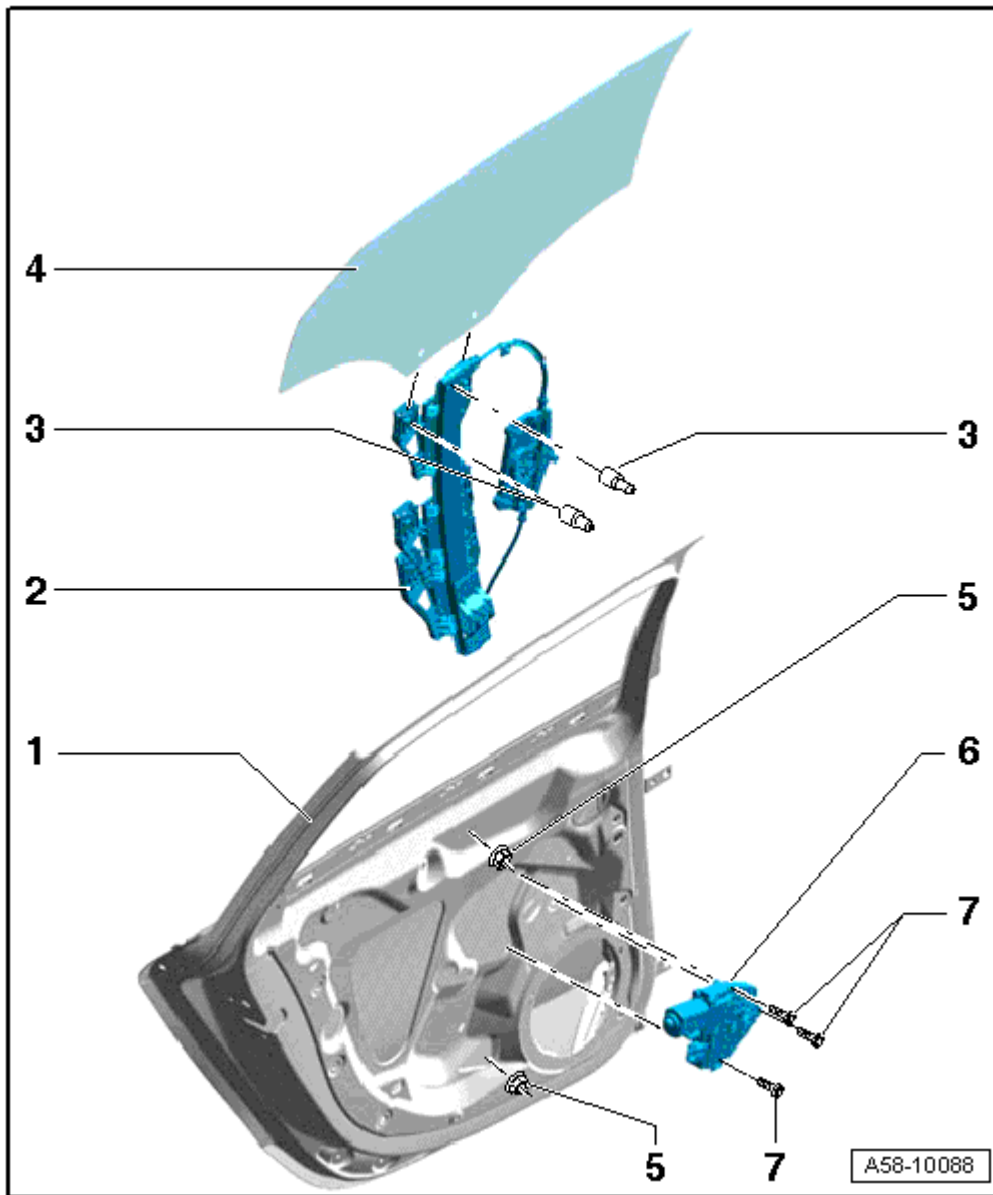


Fig. 15: Identifying Window Regulator Motor And Window Regulator Overview
Courtesy of AUDI OF AMERICA, LLC

1. Door
2. Window Regulator
 - Removing and installing, refer to **WINDOW REGULATOR**.
3. Clip
4. Door Window
 - Removing and installing, refer to **FRONT DOOR WINDOW**.
5. Nut
 - 9 Nm
6. Window Regulator Motor

- Removing and installing, refer to **WINDOW REGULATOR MOTOR** .

7. Bolt

- 3.5 Nm
- Quantity: 3

REMOVAL AND INSTALLATION

DOORS

Removing

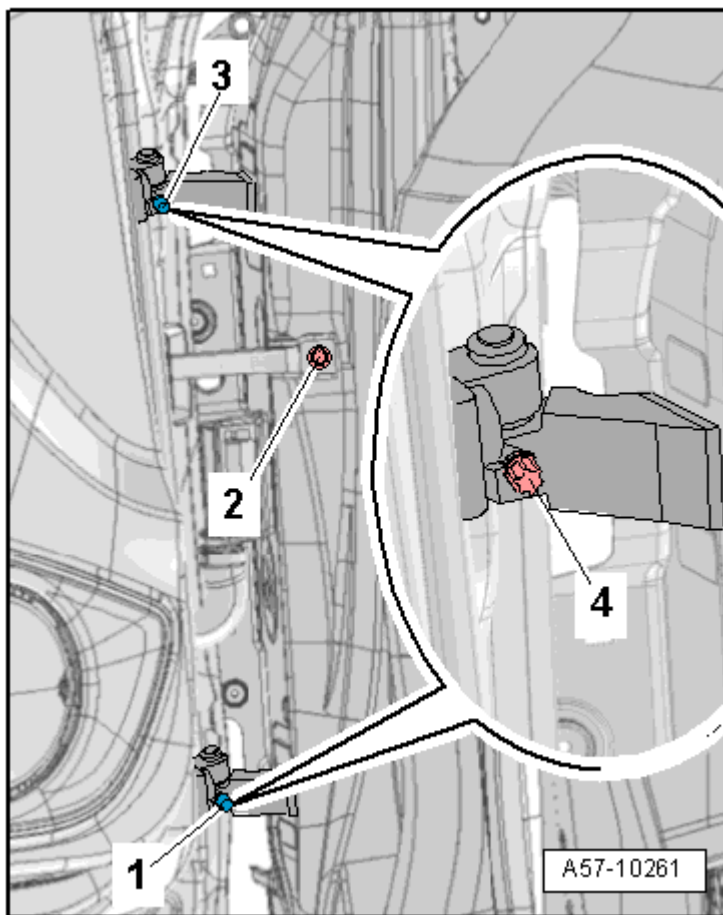


Fig. 16: Identifying Doors, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Disconnect the connectors on the A-pillar. Refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation** .

-- Remove the door arrester bolt -2-.

-- Remove the cover caps -1- and -3- from the stud bolts.

-- Remove the stud bolts -4- on the upper and lower door hinge.

CAUTION: • Protect the painted surfaces on the door or on the side panel from damage.

-- Carefully remove the door upward out of the door hinges.

Installation

NOTE: Do not make any adjustments after installing the door.

DOOR INNER PANEL COVER

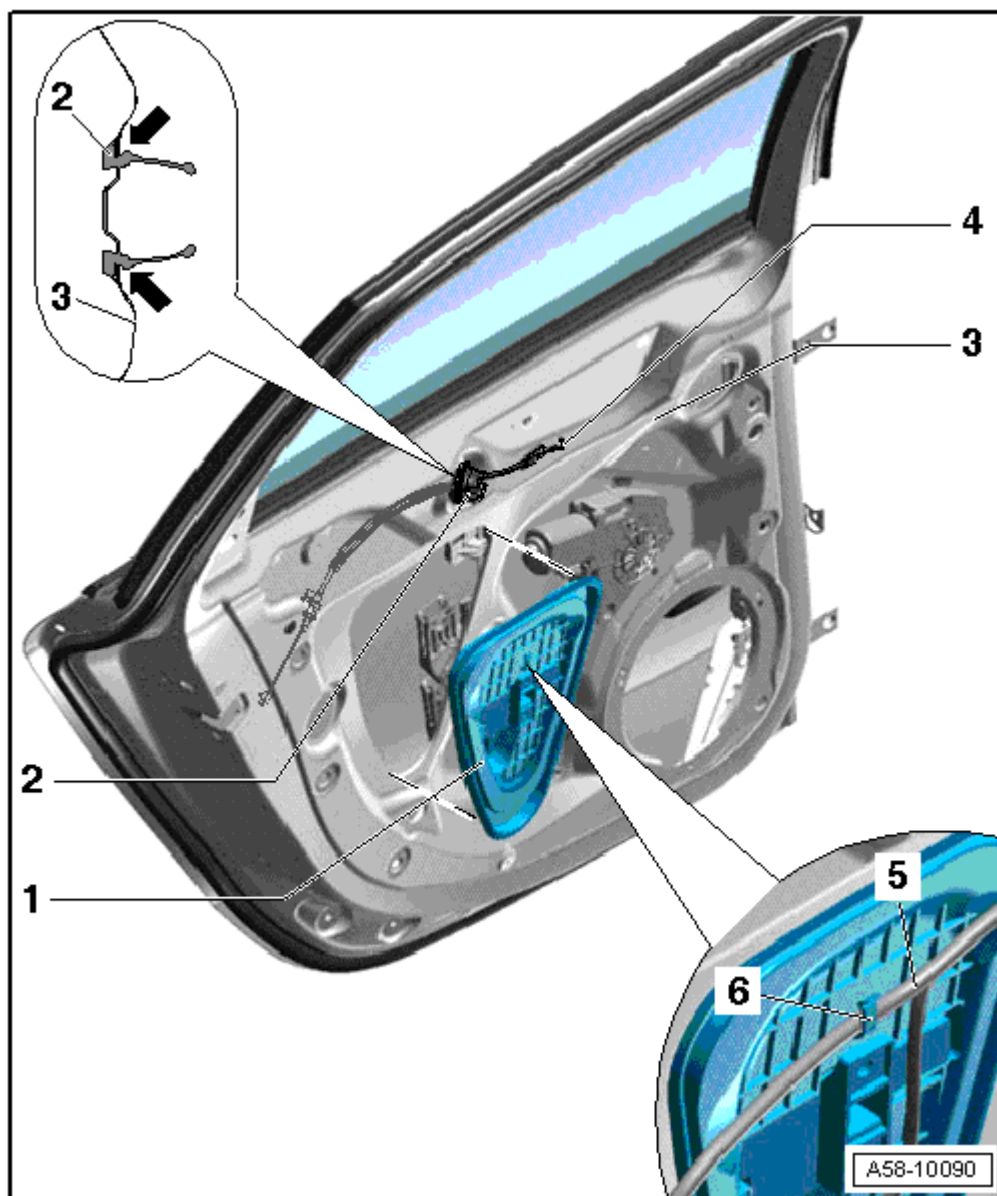


Fig. 17: Identifying Door Inner Panel Cover Components

Courtesy of AUDI OF AMERICA, LLC

1. Cover

- Remove the door trim. Refer to **Removal and Installation** .
- Remove the electrical wiring harness -4- from the bracket -5-.
- When removing the cover, always start at the top.

2. Grommet

- When installing, it must fit correctly -arrows-.

3. Door Inner Panel

4. Cable

5. Electrical Wiring

- Disengage from the bracket -6-.

6. Bracket

DOOR LOCK**Removing**

- Remove housing. Refer to **HOUSING**.
- Remove the door trim. Refer to **Removal and Installation** .
- Remove the inner door panel cover. Refer to **DOOR INNER PANEL COVER**.

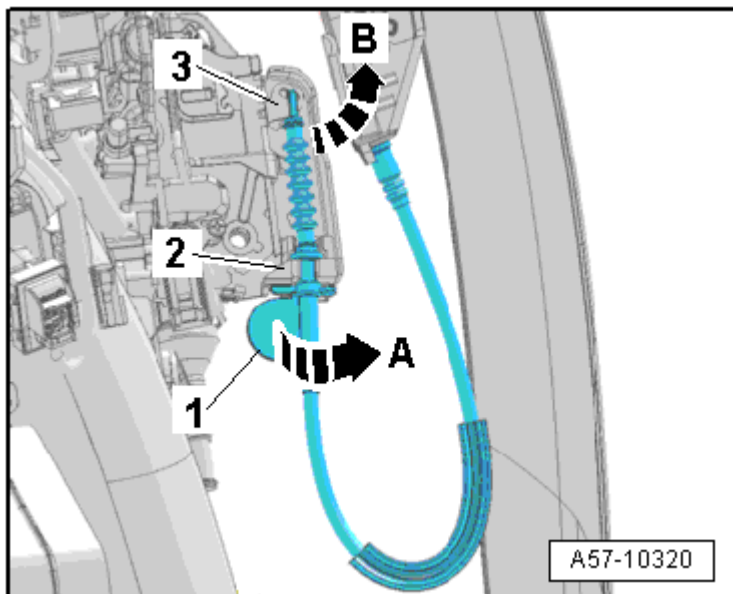


Fig. 18: Identifying Operating Cable, Removal

Courtesy of AUDI OF AMERICA, LLC

CAUTION: There is a risk of malfunctions.

- When removing and installing, make sure the operating cable is not kinked or damaged.

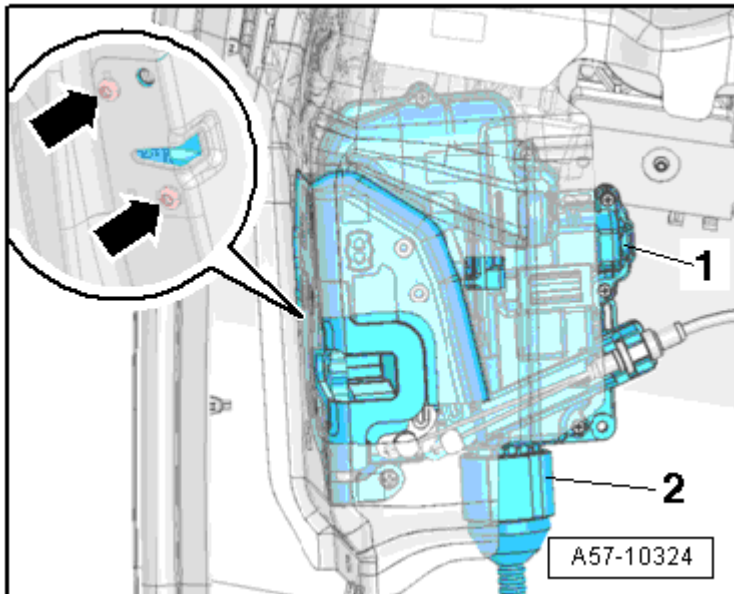
-- Turn the operating cable on the Lever -1- 90° in the -direction of arrow A- and remove it from the bracket -2-.

-- Rotate the actuating link on the door lock operating Lever -3- in the -direction of arrow B-.

- The actuating link must be aligned with the opening on the operating Lever.

-- Disengage the actuating link from the operating Lever.

-- Remove the bolts -arrows-.

**Fig. 19: Identifying Door Lock, Removal**

Courtesy of AUDI OF AMERICA, LLC

-- Remove the door lock -1- and disconnect the electrical connector -2-.

Installation

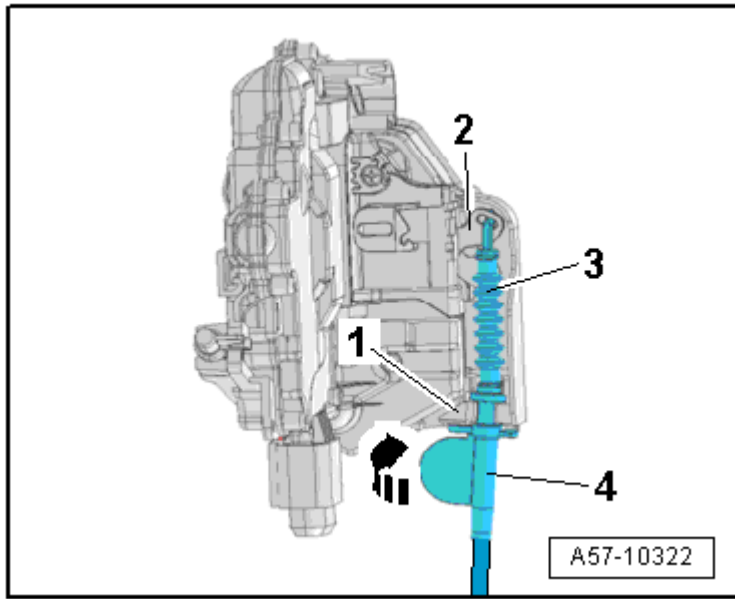


Fig. 20: Identifying Actuating Link, Installation
Courtesy of AUDI OF AMERICA, LLC

To install, perform the steps used in removal in reverse order.

- Engage the actuating link -3- in the door lock operating Lever -2-.
- Insert the operating cable into the cable mounting bracket -1- and rotate the Lever -4- 90° -arrow-.
- The Lever must engage audibly with the locking tab on the cable mounting bracket.

DOOR LOCK ACTUATING LINK

REMOVING

CAUTION: There is a risk of malfunctions.

The door lock must be removed and installed together with the bracket to prevent overbending the cable when disengaging and engaging it.

The cable must be disconnected from/attached to the Lever on the door lock outside of the door. Refer to INSTALLATION.

- Remove the door trim. Refer to Removal and Installation .
- Remove the inner door panel cover. Refer to DOOR INNER PANEL COVER.

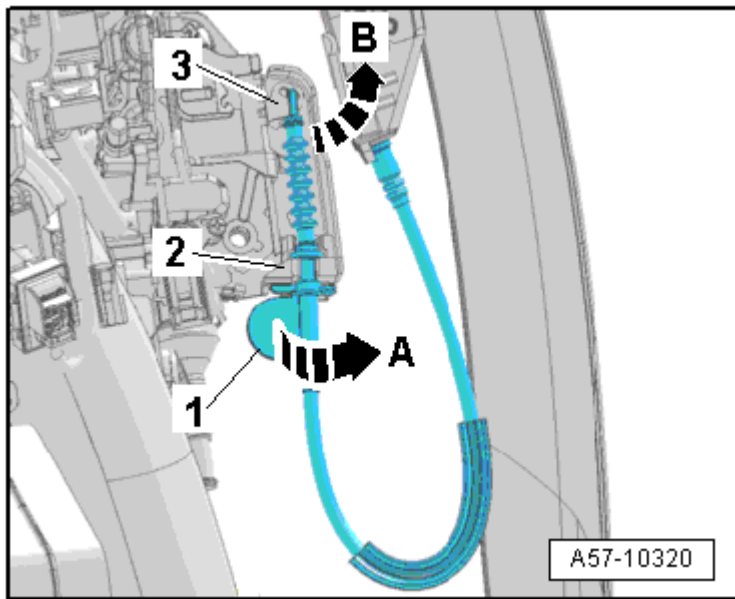


Fig. 21: Identifying Operating Cable, Removal
Courtesy of AUDI OF AMERICA, LLC

CAUTION: There is a risk of malfunctions.

- When removing and installing, make sure not to bend or damage the actuating link.

-- Turn the actuating link on the Lever -1- 90° in the -direction of arrow A- and remove it from the cable bracket -2-.

-- Rotate the actuating link on the door lock operating Lever -3- in the -direction of arrow B-.

- The actuating link must be aligned with the opening on the operating Lever.

-- Disengage the actuating link -1- on the operating Lever by pressing the bracket -3- out of the mount on the cable mounting bracket -2- -arrow-.

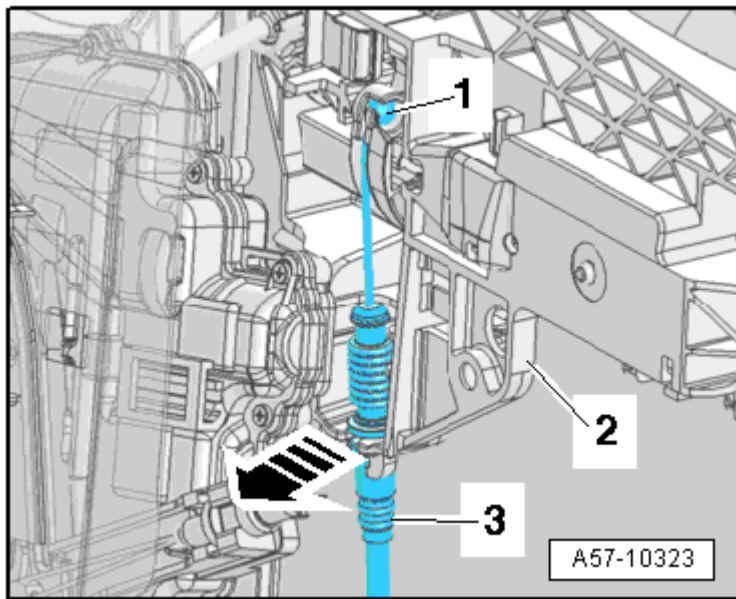


Fig. 22: Identifying Actuating Link, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Remove the operating shaft.

INSTALLATION

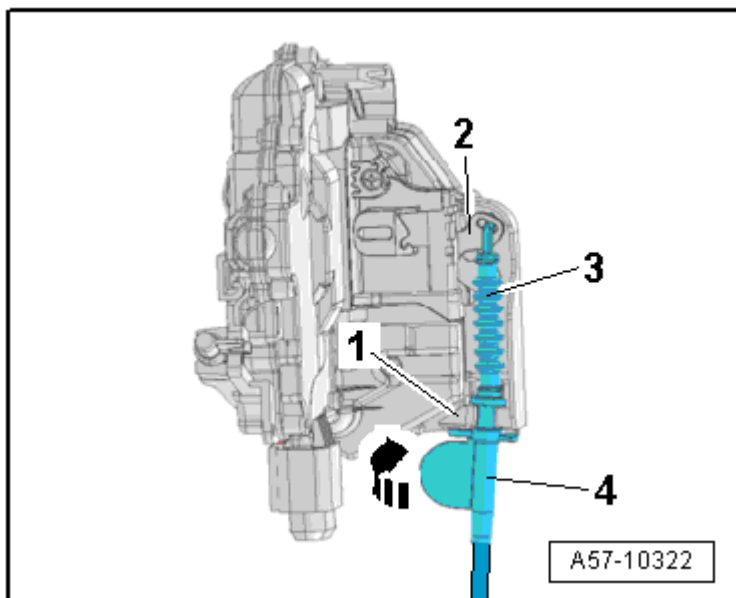


Fig. 23: Identifying Actuating Link, Installation
Courtesy of AUDI OF AMERICA, LLC

To install, perform the steps used in removal in reverse order.

-- Engage the actuating link -3- in the door lock operating Lever -2-.

-- Insert the operating cable into the cable mounting bracket -1- and rotate the Lever -4- 90° -arrow-.

- The Lever must engage audibly with the locking tab on the cable mounting bracket.

DOOR OPENER ACTUATING LINK

Removing

-- Remove housing. Refer to **HOUSING**.

-- Remove the door trim. Refer to **Removal and Installation** .

-- Remove the inner door panel cover. Refer to **DOOR INNER PANEL COVER**.

-- Remove the bolts -arrows-.

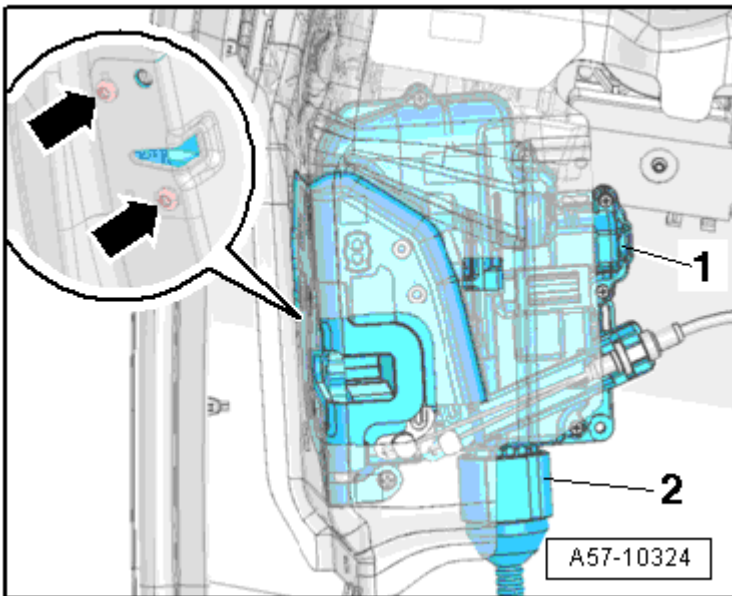


Fig. 24: Identifying Door Lock, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Press the door lock -1- to the side and disconnect the electrical connector -2- if necessary.

-- Disengage the actuating link -3- at the door lock cable bracket -2- -arrow A-.

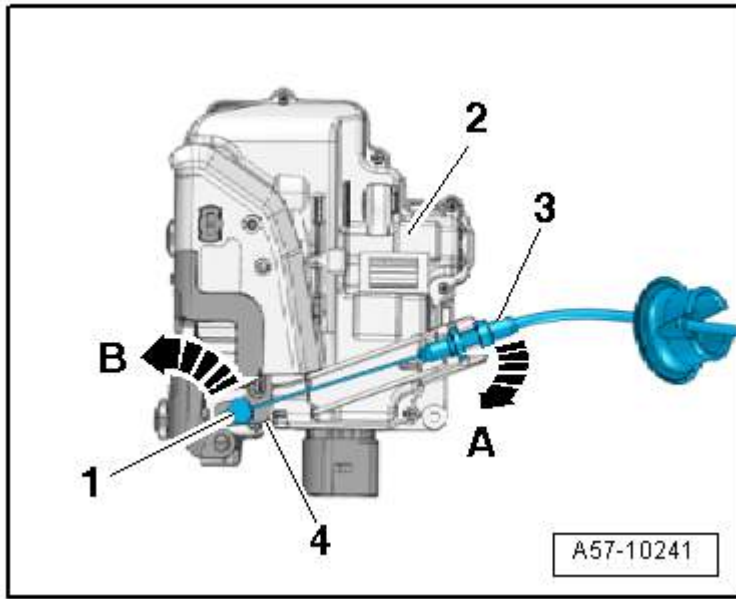


Fig. 25: Identifying Actuating Link, Removal
 Courtesy of AUDI OF AMERICA, LLC

-- Turn the nipple -1- 90° in the -direction of arrow B- and remove it from the door opener release Lever -4-.

Installation

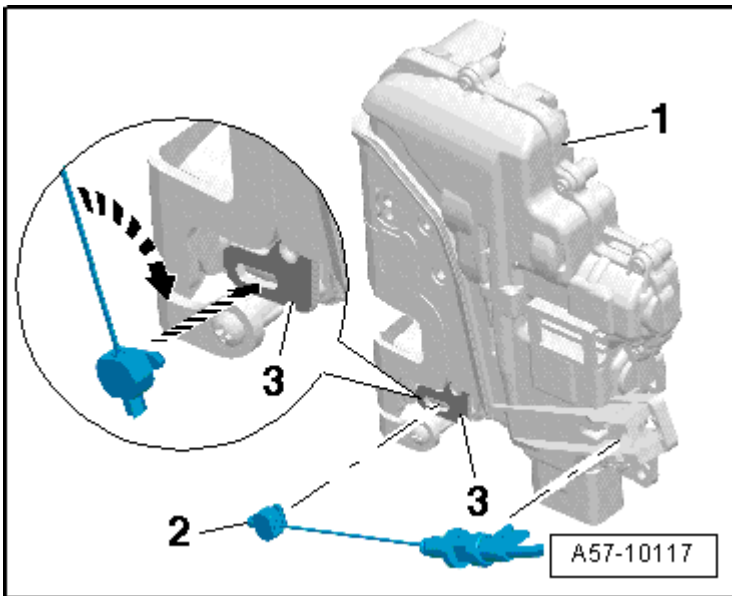


Fig. 26: Identifying Internal Mechanism Cable, Engaging In Door Lock
 Courtesy of AUDI OF AMERICA, LLC

Installation is reverse of removal, but note the following:

-- Insert the nipple -2- in the door opener release Lever -3- -bottom arrow-.

-- Rotate the nipple 90° -top arrow- and press the actuating link into the cable mounting bracket on the door lock -1- until it engages audibly.

DOOR SEALS

SPECIAL TOOLS AND WORKSHOP EQUIPMENT REQUIRED

- Roller 3356
- Adhesive Strip Remover VAS 6349
- Adjustment Gauge 3371
- Template T40038 /8

INNER DOOR SEAL, REMOVING AND INSTALLING

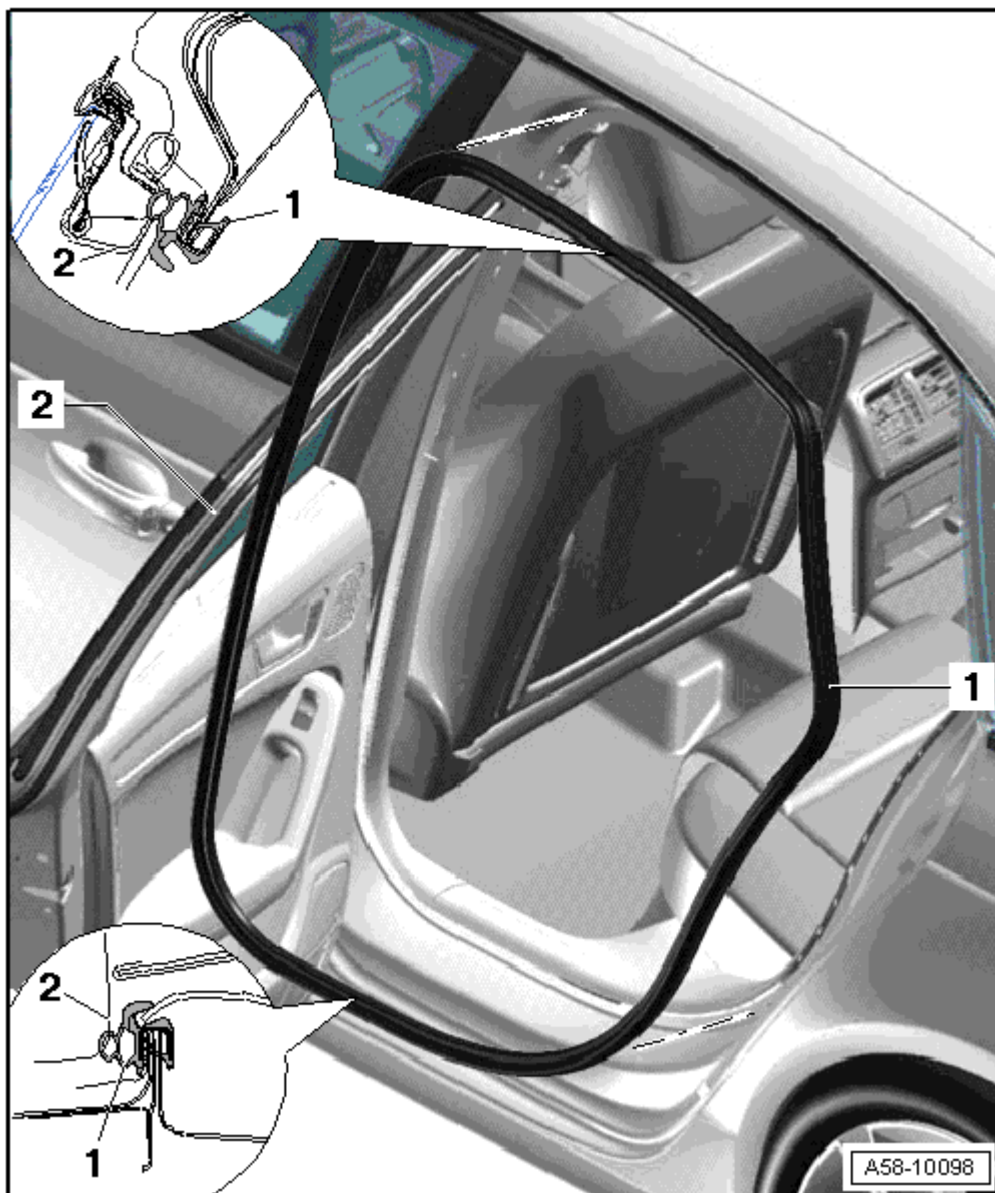


Fig. 27: Identifying Inner Door Seal**Courtesy of AUDI OF AMERICA, LLC****1. Inner Door Seal**

- Remove the window frame trim. Refer to **Removal and Installation** .
- Loosen door arrester on the B-pillar.
- Connected all around on body flange
- To remove, remove from body flange.
- When installing, align the seal with the center of the vulcanized joint on the lower hinge and press it by hand onto the body flange.

2. Door**REPLACING OUTER DOOR SEAL****NOTE:**

- The door outer seal is completely bonded and can only be replaced.
- Adhesion surfaces must be free of dust and grease.
- Both the vehicle and the seal must be room temperature.

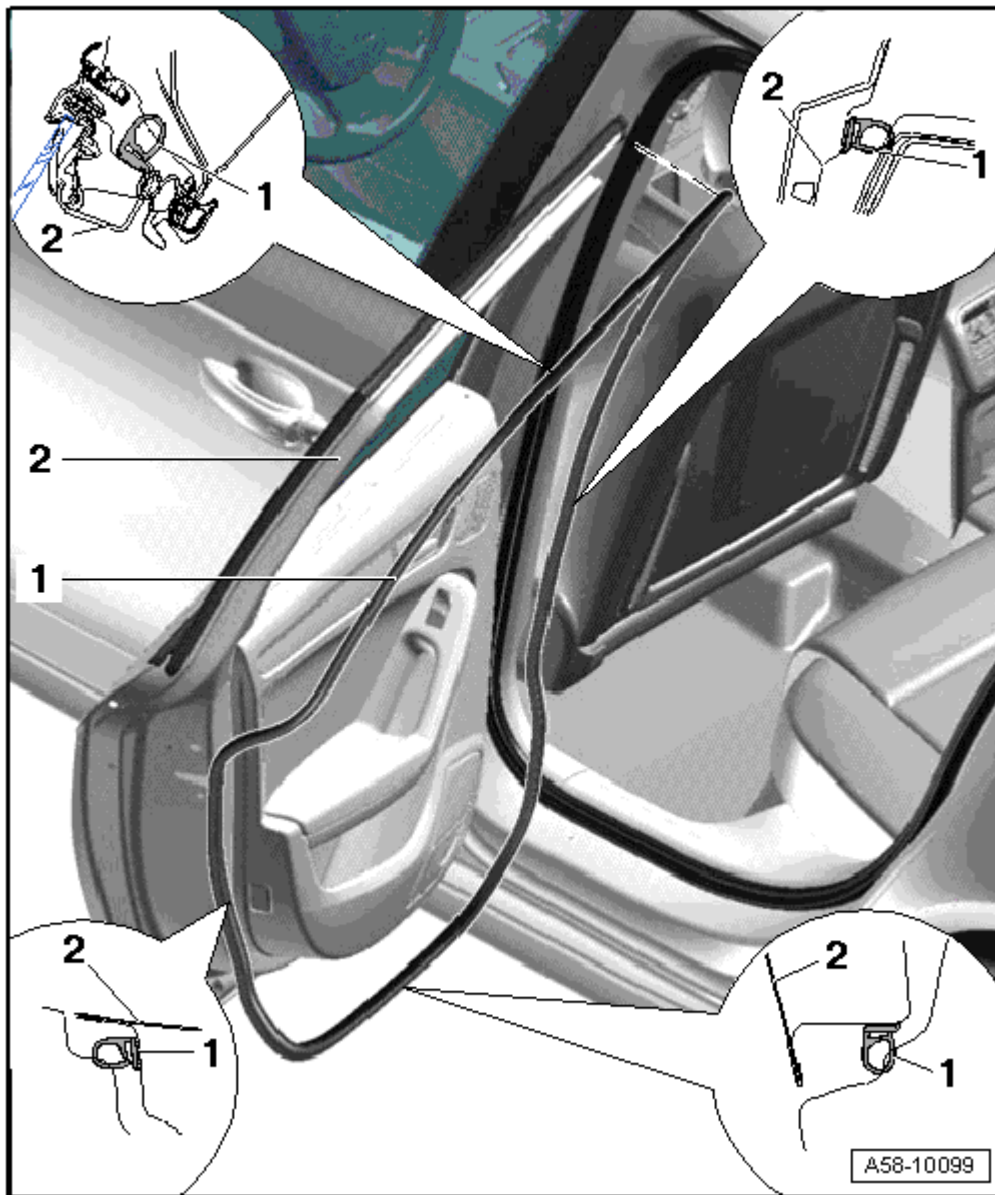


Fig. 28: Identifying Outer Door Seal

Courtesy of AUDI OF AMERICA, LLC

1. Outer Door Seal

NOTE:

- Before removing, mark the position on the door, for example, with adhesive tape.
- Make sure there is no adhesive left on the door, first pull the seal lengthwise and then pull it off the door.

-- Slightly lift the seal at the top of the window frame and cut it with scissors.

• **Removing**

-- First pull the seal lengthwise, then remove it. Refer to **REMOVING DOOR SEAL**.

- **Installation**

-- Clean the surface with cleaning solution D 009 401 04. Use an adhesive strip remover VAS 6349 to remove any adhesive still remaining if necessary.

-- Loosen the door check on the body. Refer to **REMOVE DOOR CHECK**.

-- Pull the door seal behind the door check.

-- Secure the door check again.

-- Secure the door outer seal to the top of the window frame on the left and on the right correctly with tape, refer to item 2.

-- The water drain (2x) is in the correct position when it is found in the lower outer door seal on the underside of the door.

NOTE: **It is necessary to press the door outer seal starting in the center and the working outward left and right in steps.**

-- Remove the peel-off backing near the bottom of the door.

-- Press the door outer seal starting in the center and working outward left and right.

-- Continue to remove the peel-off backing little by little and press the door outer seal onto the door.

-- Press the door outer seal upward along the A-pillar and B-pillar.

-- Press the door outer seal along the window frame.

CAUTION:

- **Do not stretch or crush the seal when installing it.**
- **The seal will come off wherever it is stretched or crushed along the bottom or on the A- or B-pillar.**
- **The door outer seal can be bent or crushed only in the area around the top of the window frame because window frame cover will hold it place.**

-- Press the end of the door outer seal, item 2 with a 3356.

CAUTION: **Do not close the door for at least 2 hours to prevent loosening or moving the door outer seal. The vehicle must be at room temperature.**

2. Door

REMOVE DOOR CHECK

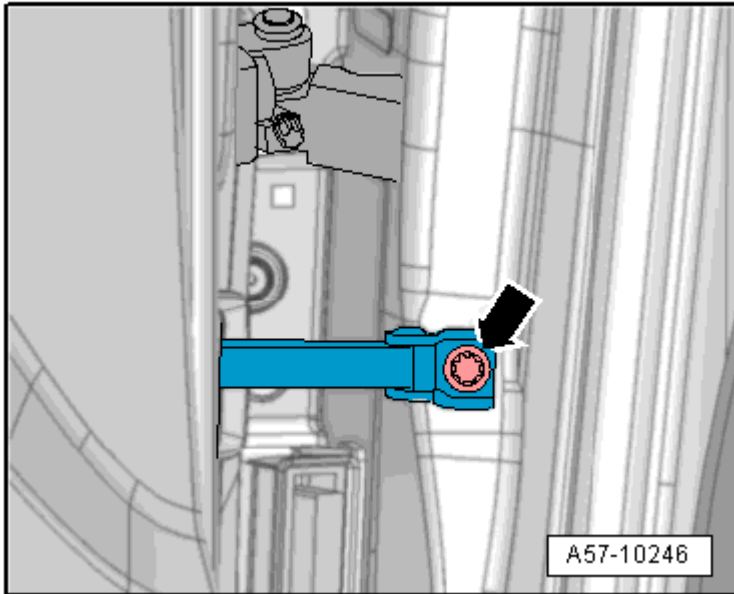


Fig. 29: Identifying Door Arrester Bolt
Courtesy of AUDI OF AMERICA, LLC

-- Remove the door check bolt -arrow-.

-- Pull the seal behind the door check and tighten the screw to the tightening specification, refer to item 6.

MARK THE POSITION OF THE DOOR SEAL

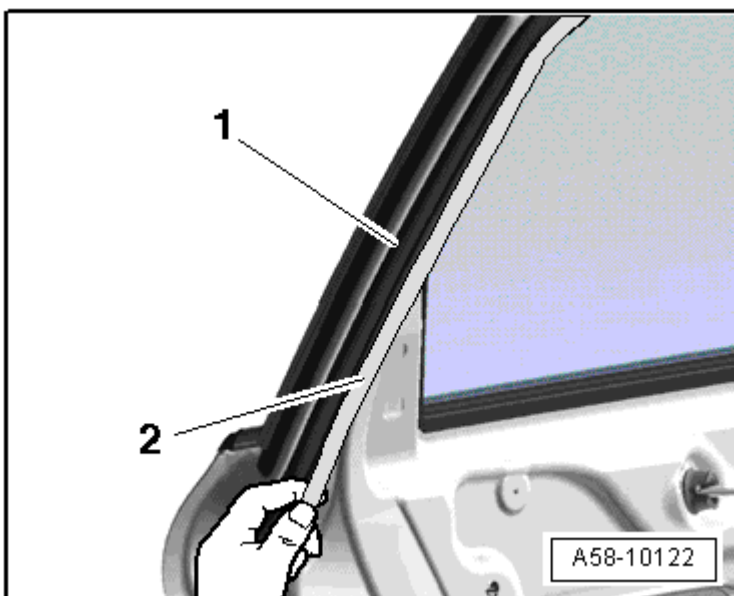
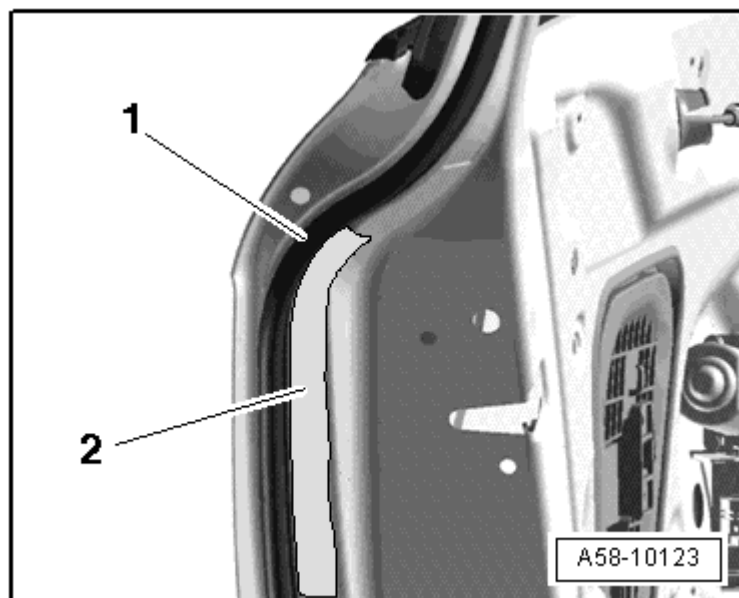


Fig. 30: Identifying Position Of The Door Seal

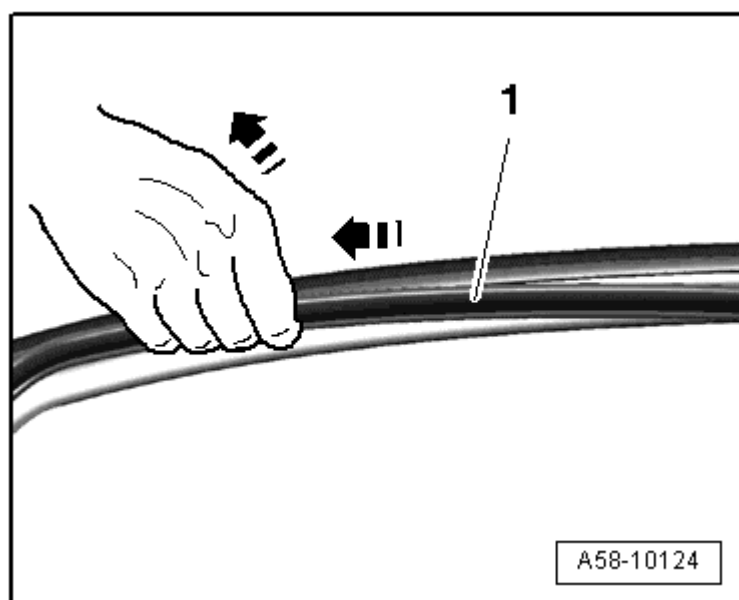
Courtesy of AUDI OF AMERICA, LLC

-- Mark the location of the door seal and adhesive strips on the window frame...

**Fig. 31: Identifying Position Of The Door Lock**

Courtesy of AUDI OF AMERICA, LLC

--... and to the door lock as illustrated.

REMOVING DOOR SEAL**Fig. 32: Identifying Outer Door Seal, Removal**

Courtesy of AUDI OF AMERICA, LLC

NOTE: Pulling the seal laterally will loosen the adhesive and then it is possible to remove the door outer seal from the window frame without any left over adhesive on it.

- Bend and remove the door seal laterally as illustrated -arrow-.
 - Proceed the same way all around and remove the door seal completely.
 - Remove any left over adhesive on the window frame with VAS 6349.
- MARK THE POSITION OF THE DOOR SEAL**
- Mark the position of the seal on the window frame with adhesive tape and...

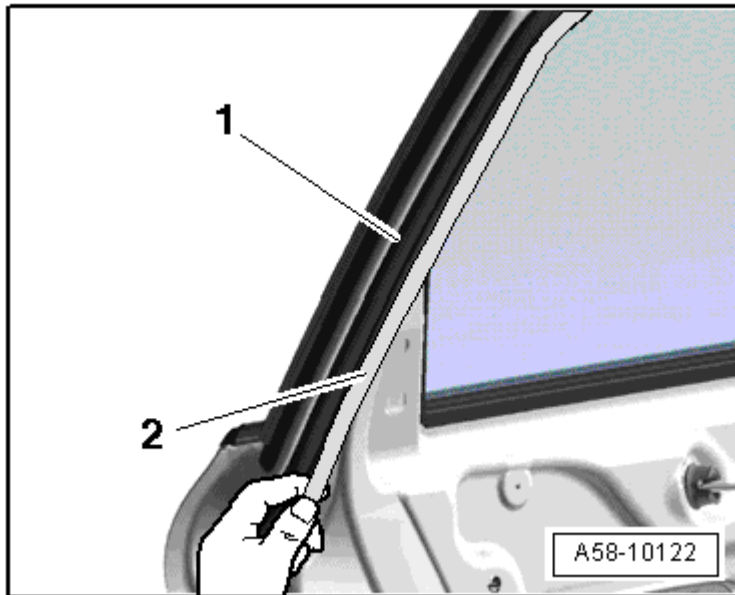


Fig. 33: Identifying Position Of The Door Seal
Courtesy of AUDI OF AMERICA, LLC

- ... around the door lock

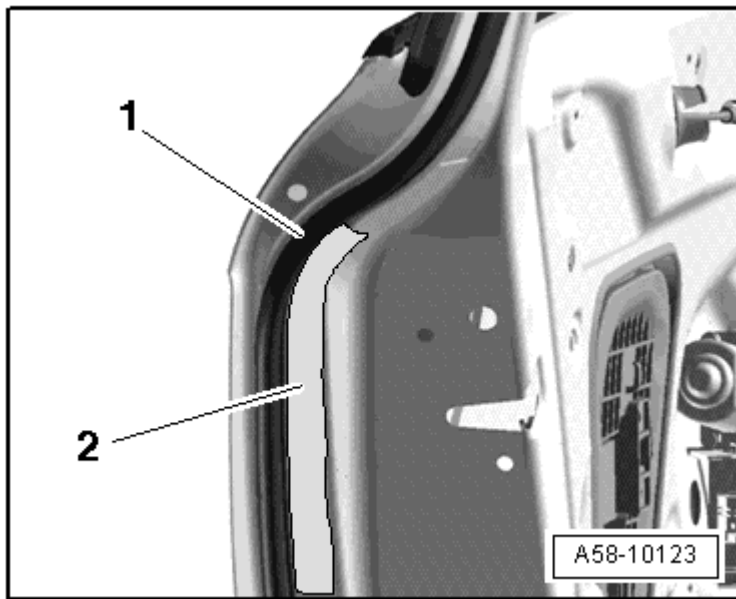


Fig. 34: Identifying Position Of The Door Lock
Courtesy of AUDI OF AMERICA, LLC

Remove Seal

-- Bend the seal -1- and then remove it from the door.

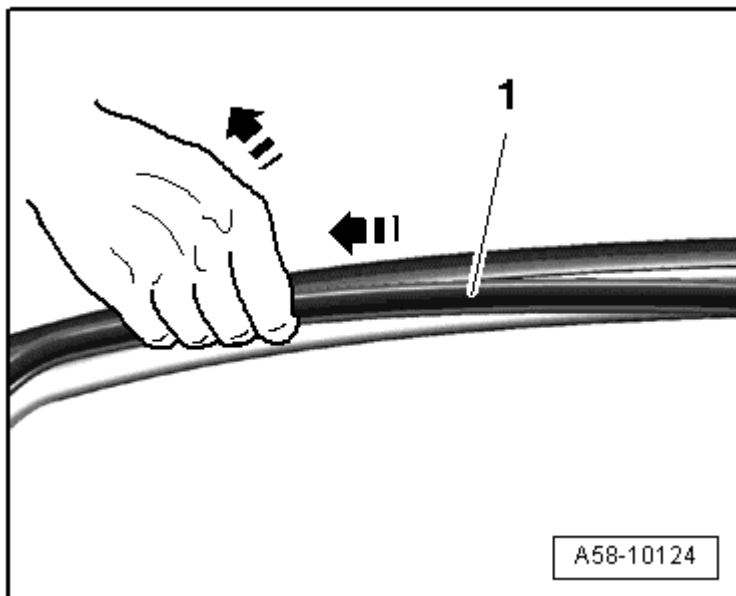


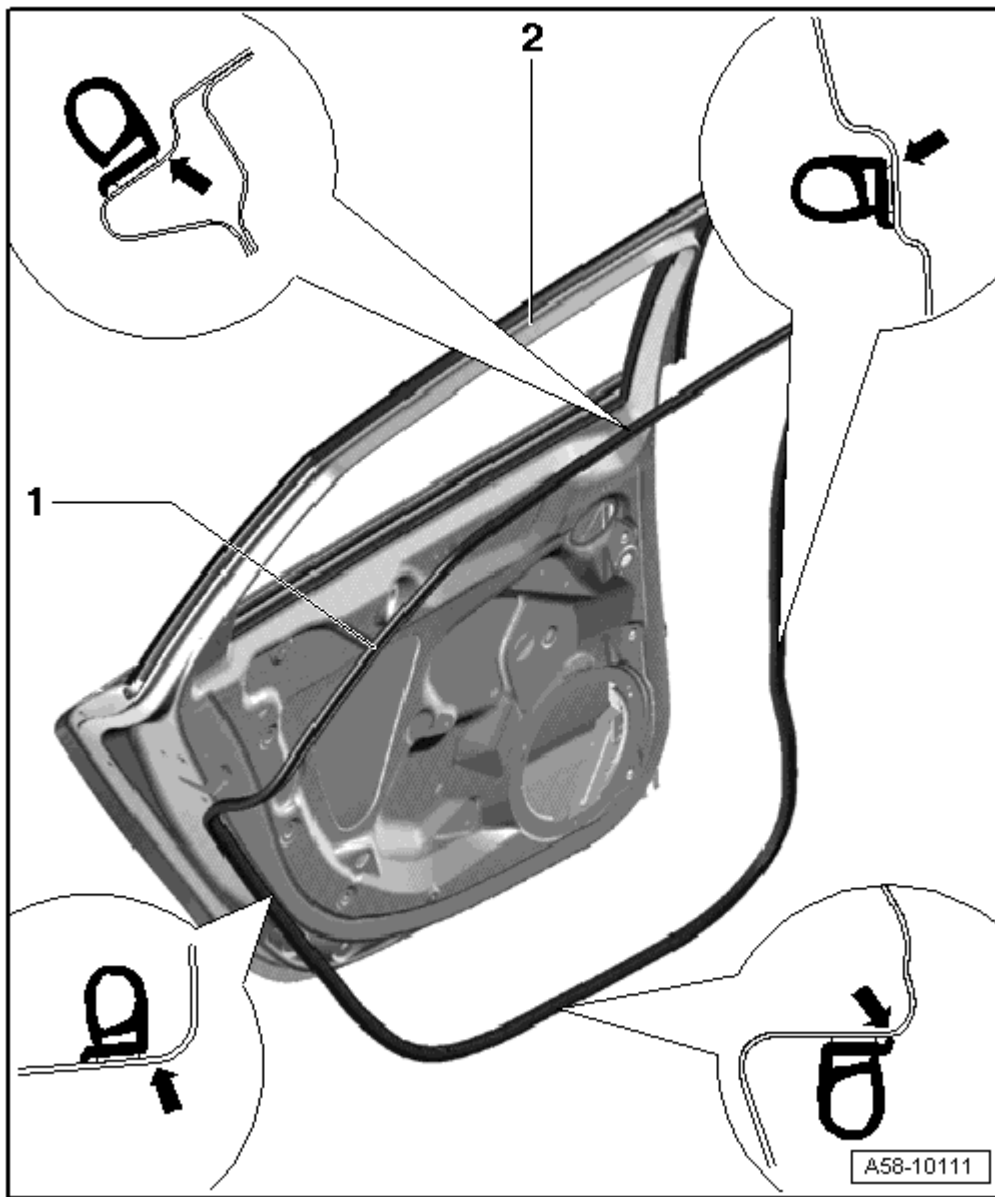
Fig. 35: Identifying Outer Door Seal, Removal
Courtesy of AUDI OF AMERICA, LLC

NOTE: By bending the seal, the adhesive will be loosened and then the seal can be removed free of any adhesive.

DOOR OUTER SEAL ON A NEW DOOR

NOTE:

- The seal must be pressed over the complete radius (inner and outer) as illustrated -arrows-.
- To make it easier to install, mark these positions and then press the seal on.
- Adhesive areas on the inner and outer radius. Refer to ADHESIVE AREA FOR THE DOOR SEAL.

**Fig. 36: Identifying Outer Door Seal**

Courtesy of AUDI OF AMERICA, LLC

1. Outer Door Seal

- After marking the radius run-out, continue to install in the previously described manner, refer to **REPLACING OUTER DOOR SEAL**.
- Starting from the lower rear edge of the door toward the front lower door edge, mount the door seal with the rear edge on the inner radius run-out, as illustrated.
- The front edge of the seal must be placed on the run-out of the outer radius at the bottom of the door up to the imprint.

-- Press the seal secure with a 3356 refer to item 2.

2. Door

ADHESIVE AREA FOR THE DOOR SEAL

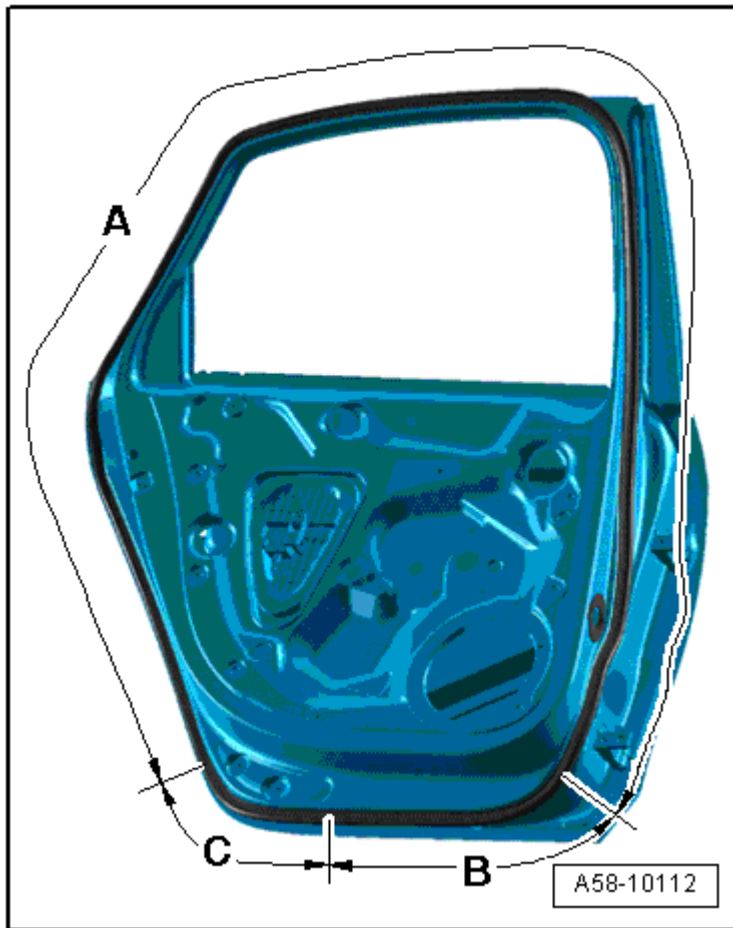


Fig. 37: Identifying Adhesive Area For Door Seal
Courtesy of AUDI OF AMERICA, LLC

- The rear edge of the seal must be placed on the run-out of the inner radius starting in area -A- from the door lock up to the lower door hinge.
- In area -B- the front edge of the seal must be placed on the run-out of the outer radius.
- The seal must be laid evenly from the run-out of the inner radio to the run-out of the outer radio in area -

C-.

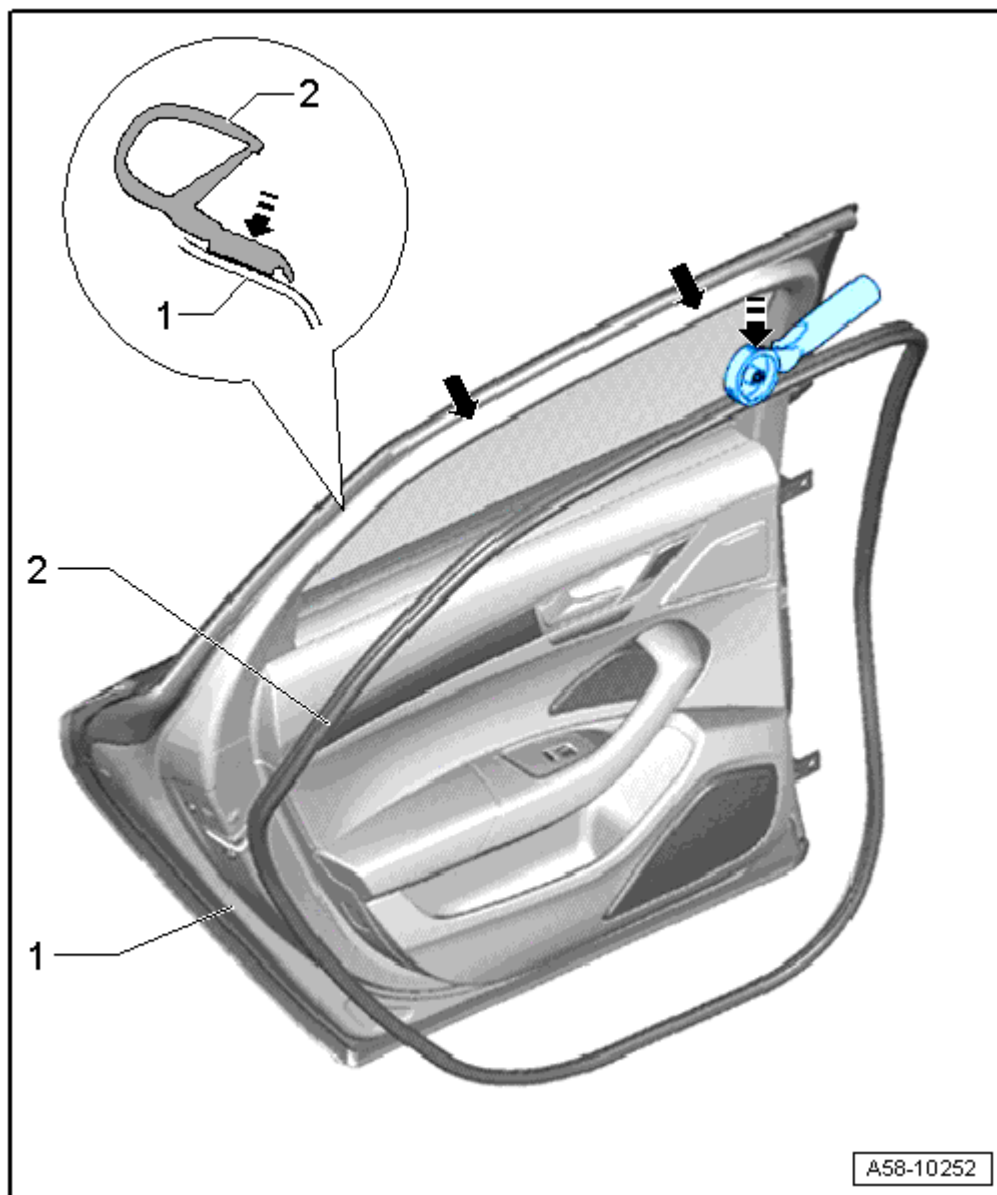
INSTALLING THE DOOR OUTER SEAL

Fig. 38: Identifying Door Outer Seal, Installation
Courtesy of AUDI OF AMERICA, LLC

1. Rear Door
2. Outer Door Seal

-- Tape the door outer seal to the top of the window frame first -arrows-.

CAUTION: Only use 3356 to press the door outer seal onto the seal base.

-- Fold up the door outer seal as illustrated and then press it onto the seal base using force and 3356 all the way around.

HOUSING

HOUSING

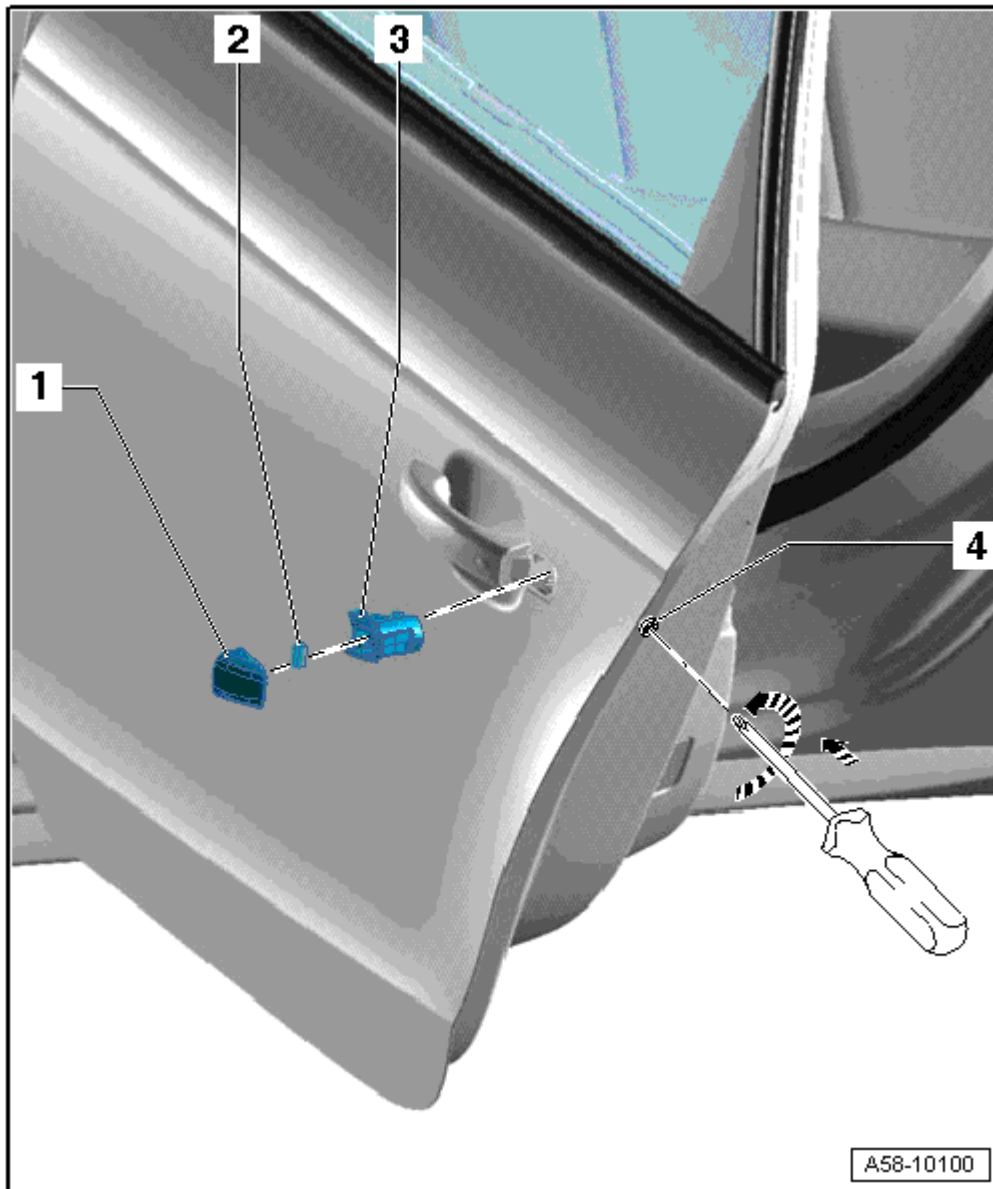


Fig. 39: Identifying Housing

Courtesy of AUDI OF AMERICA, LLC

1. Cover

- Removing from the housing. Refer to **REMOVE THE HOUSING CAP.**

2. Magnet

- For vehicles with the "keyless entry system".

3. Housing

- Remove the screw from the clip.

-- Using a screwdriver, press the retaining bracket and then remove the lock cylinder and cap.

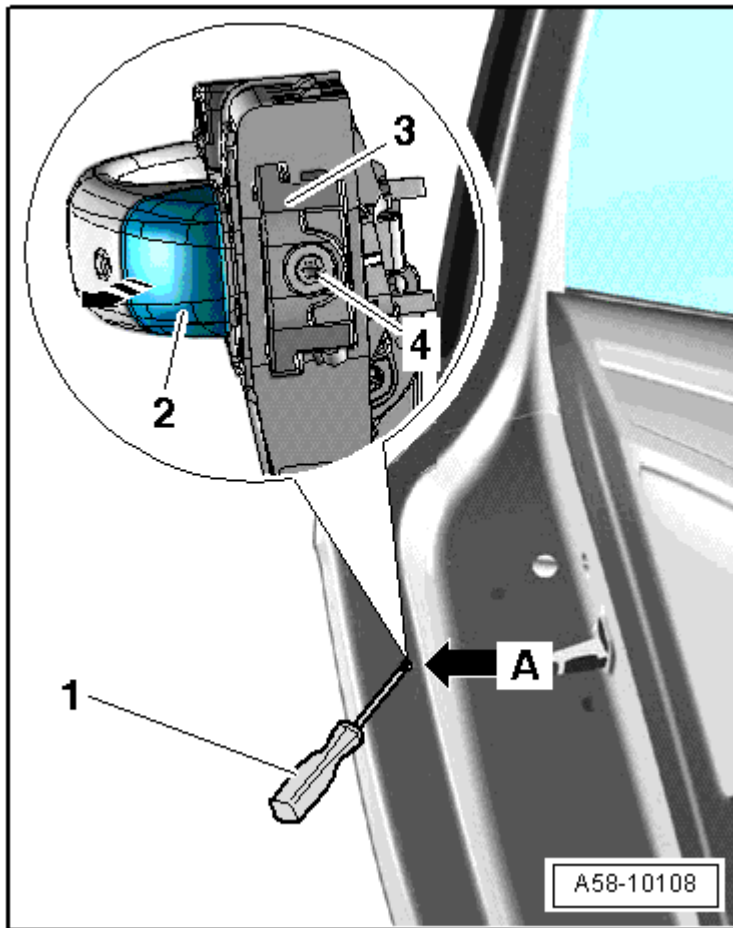
Removing

Fig. 40: Identifying Housing, Removal
Courtesy of AUDI OF AMERICA, LLC

- Press the door seal to the side and remove the protective film over the hole -arrow A-.
- Remove the locking bolt -4- as far as the stop using a screwdriver -1-.
- Press the housing retaining bracket -3- inward.
- Remove the housing -2- from the mounting bracket -arrow B-.

Installation

To install, perform the steps used in removal in reverse order.

REMOVE THE HOUSING CAP

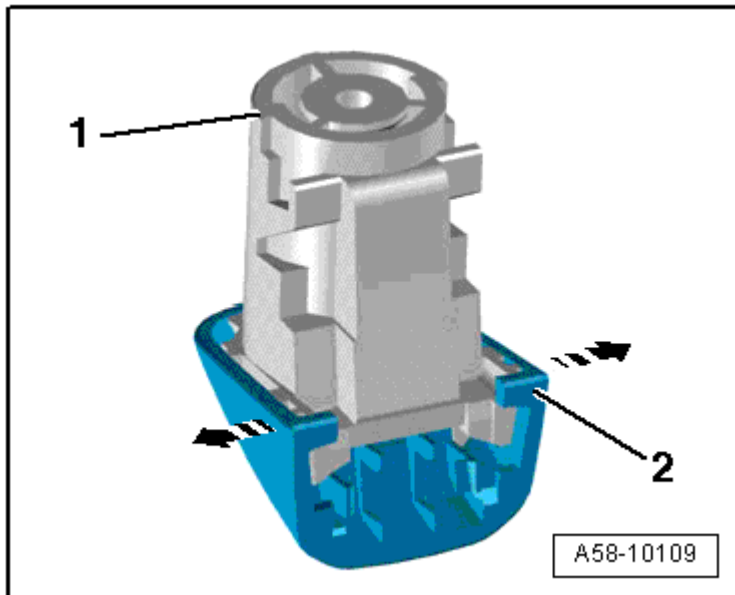


Fig. 41: Identifying Housing Cap, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Remove housing. Refer to **HOUSING**.

-- Spread the clips -arrows- and remove the cover cap -1- from the housing -2- using an awl if necessary.

Installation

Installation is reverse of removal, but note the following:

-- Press the housing cover cap on until it engages audibly.

OUTER DOOR HANDLE

Removing

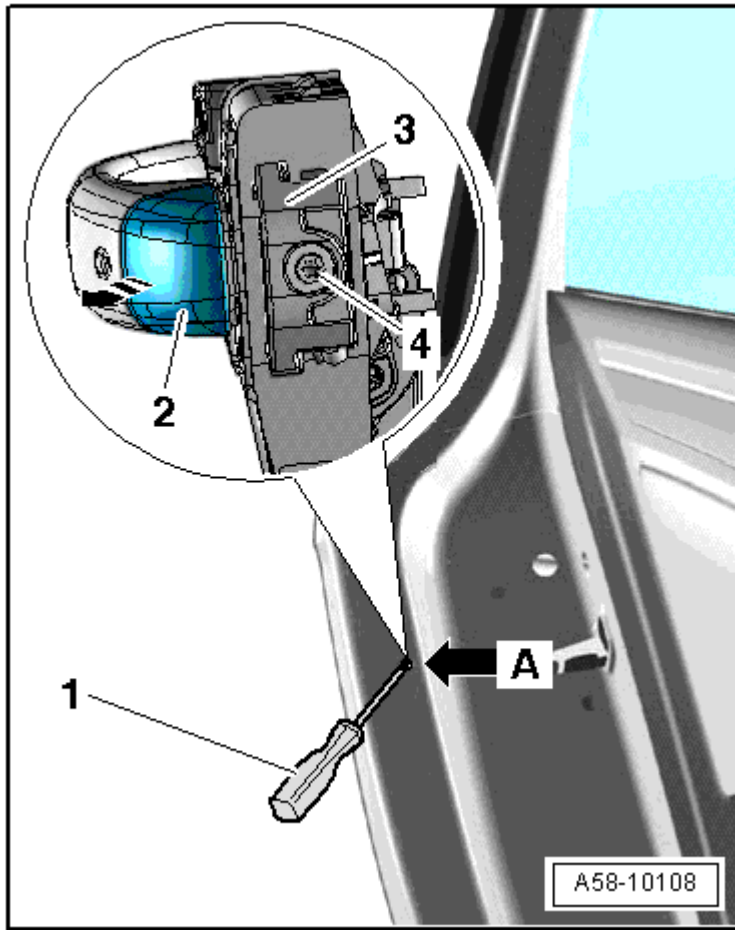


Fig. 42: Identifying Housing, Removal
Courtesy of AUDI OF AMERICA, LLC

- Press the door outer seal to the side and remove the protective film over the hole -arrow A-.
- Remove the locking bolt -4- as far as the stop using a screwdriver -1-.
- Pull the outer door handle outward and hold it in the "opened" position.
- Press the housing retaining bracket -3- inward, the outer door handle is secured in the "opened" position.
- Remove the housing -2- from the mounting bracket -arrow B-.
- Pull the outer door handle -1- in the -direction of the arrow-. This disengages the handle from the operating Lever in the mounting bracket.

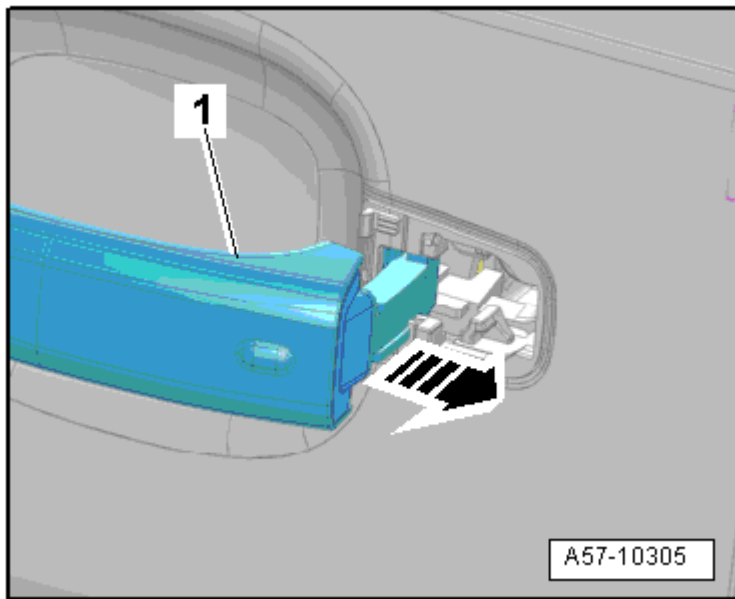


Fig. 43: Identifying Outer Door Handle, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Tilt the outer door handle -1- outward -arrow- and remove it from the mount on the mounting bracket.

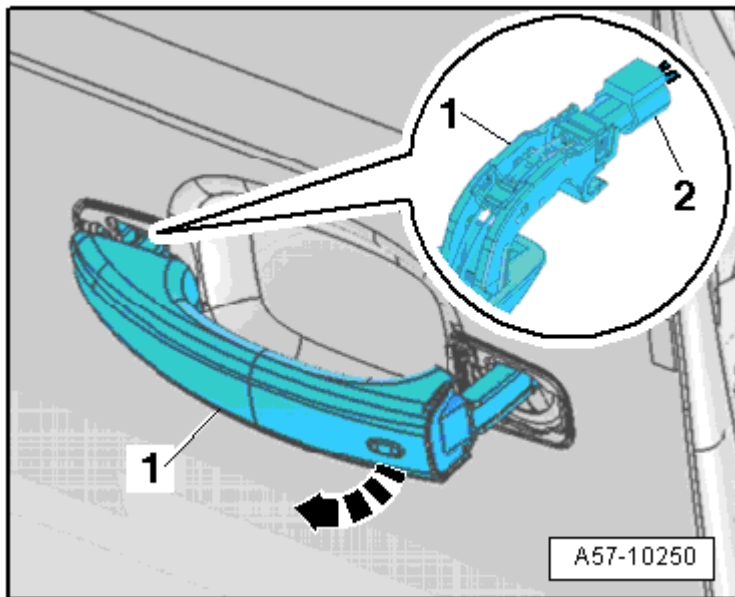


Fig. 44: Identifying Outer Door Handle, Removal
Courtesy of AUDI OF AMERICA, LLC

-- In vehicles with the "keyless entry system", disconnect the electrical connector -2- on the outer door handle.

Installation

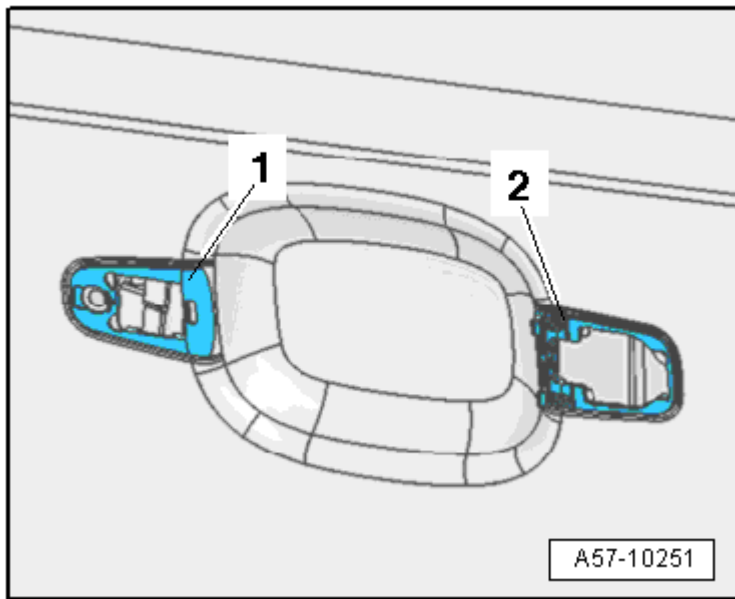


Fig. 45: Identifying Outer Door Handle Washer
Courtesy of AUDI OF AMERICA, LLC

Installation is reverse of removal, but note the following:

- Replace the outer door handle washers -1- and -2- if damaged or brittle.
- Insert the outer door handle -1- -arrow A-. It must engage in the mount -2- on the mounting bracket -3-.

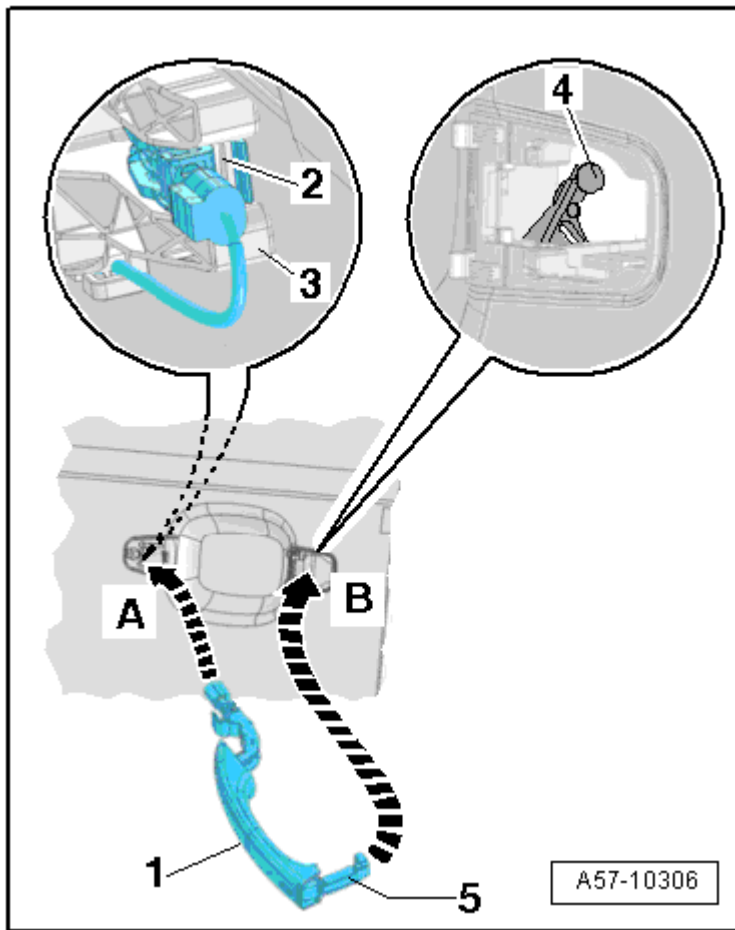


Fig. 46: Identifying Door Handle, Installation

Courtesy of AUDI OF AMERICA, LLC

-- Tilt the outer door handle -1- in the -direction of arrow B- and slide the >>coupling plate<< -5- into the mounting bracket in front of the operating Lever -4-.

-- Press the housing retaining bracket onto the outer door handle.

-- Install housing. Refer to **HOUSING**.

OUTER DOOR HANDLE TRIM

In vehicles without "keyless entry", trim installed instead of the outer door handle touch sensor.

Removing

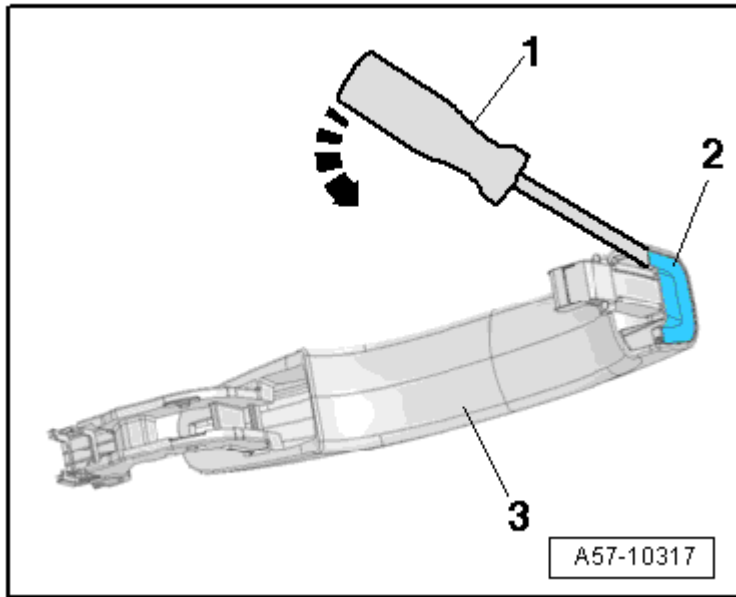


Fig. 47: Identifying Outer Door Handle Trim, Removal
Courtesy of AUDI OF AMERICA, LLC

- Remove the outer door handle.
- Pry the outer door handle trim -2- out using an awl -1- at the location shown in the illustration -arrow-.
- Remove the outer door handle trim from the handle -3-.

Installation

Installation is reverse of removal, but note the following:

- Slide the outer door handle trim in until it engages audibly.
- Install the outer door handle.
- Install housing. Refer to **HOUSING**.

REAR OUTSIDE DOOR HANDLE TOUCH SENSOR

CAUTION: To prevent damaging the sensor, follow the instructions as described.

- Remove the outer door handle -2- and sensor -1-. Refer to **OUTER DOOR HANDLE**.

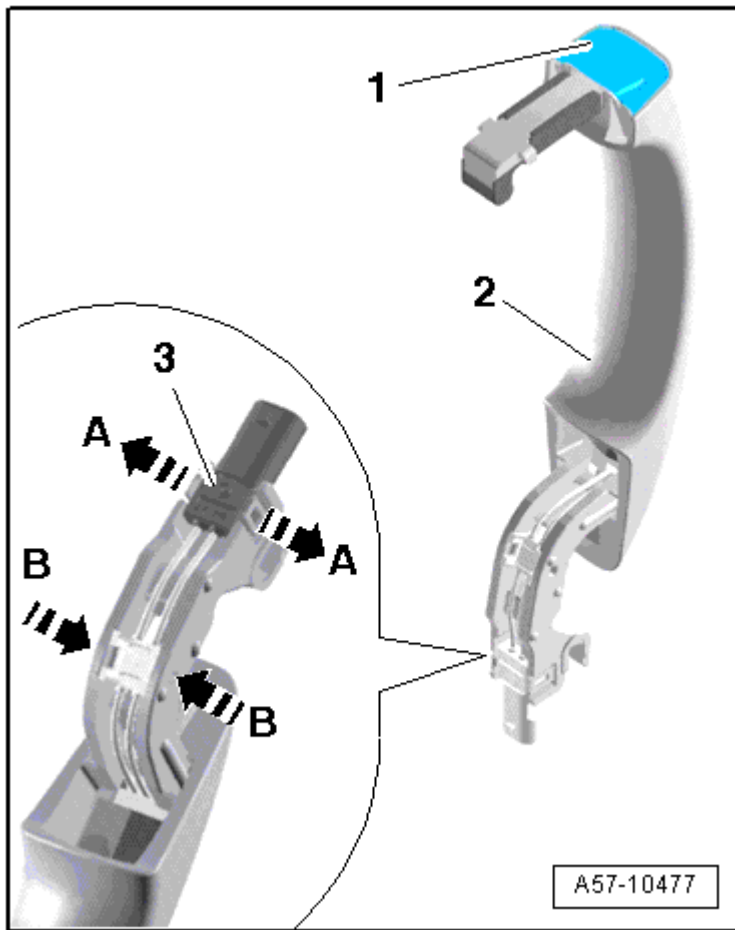


Fig. 48: Identifying Rear Outside Door Handle Touch Sensor -G417- / -G418-
Courtesy of AUDI OF AMERICA, LLC

-- Using a small screwdriver, carefully release the latches at the arrows - A and B- and push the connector -3- and the wiring guide to the side.

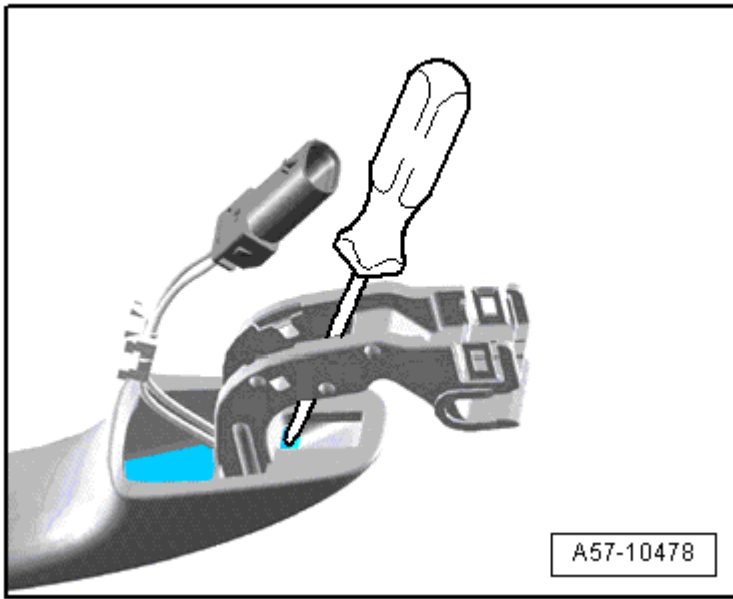


Fig. 49: Positioning Large Screwdriver On Outside Door Handle
Courtesy of AUDI OF AMERICA, LLC

- Insert a screwdriver in front of the sensor as illustrated.
- With light force on the screwdriver, pry out the sensor from the outer door handle.
- Remove the sensor from the door outer handle.

STRIKER PIN

Removing

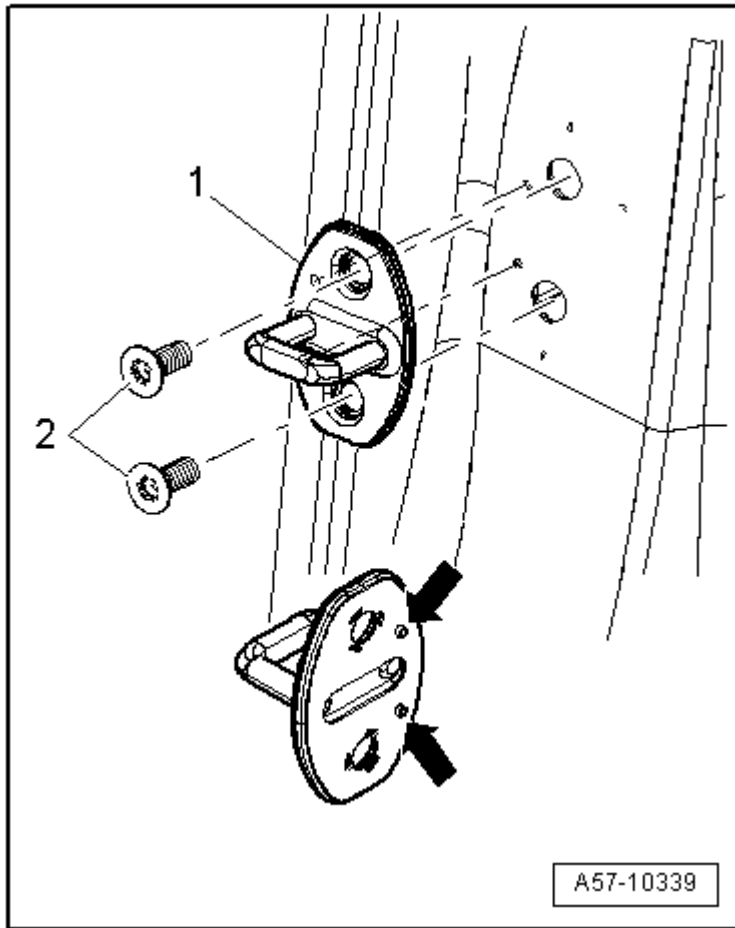


Fig. 50: Identifying Striker Pin, Adjustment
 Courtesy of AUDI OF AMERICA, LLC

-- Remove the bolts -2- and the striker pin -1-.

Installation

To install, perform the steps used in removal in reverse order.

NOTE:

- The striker pin backing must be position with the pins -arrows- exactly in the hole.
- The striker pins must be sheared off cleanly after sliding the striker pin.
- If a new part is being installed, then remove the sheared off pins from the striker pin.

-- Adjust the striker pin **Fig. 5**.

MOUNTING BRACKET

SPECIAL TOOLS AND WORKSHOP EQUIPMENT REQUIRED

- Pry Lever 80 -200

REMOVING

CAUTION: There is a risk of malfunctions.

The door lock must be removed and installed together with the bracket to prevent overbending the cable when disengaging and engaging it.

The cable must be disconnected from/attached to the Lever on the door lock outside of the door. Refer to INSTALLATION.

- Remove the door trim. Refer to Removal and Installation .
- Remove the inner door panel cover. Refer to DOOR INNER PANEL COVER.

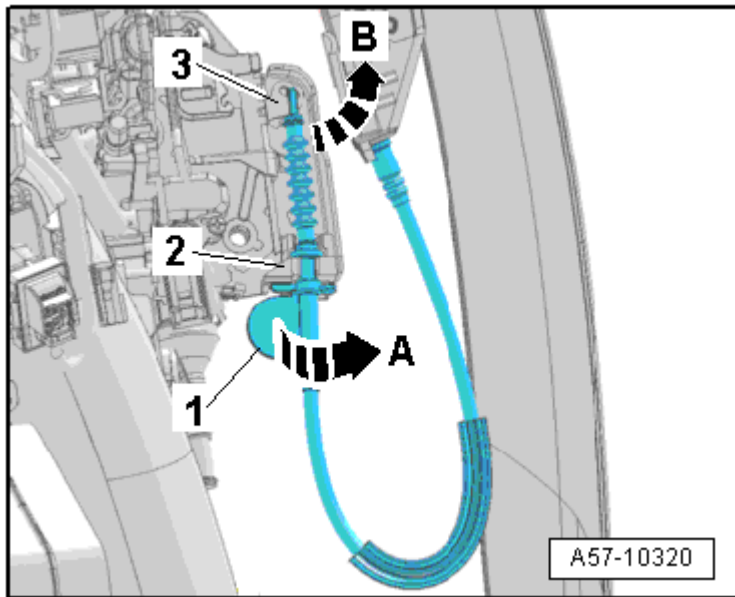


Fig. 51: Identifying Operating Cable, Removal
Courtesy of AUDI OF AMERICA, LLC

- Turn the actuating link on the Lever -1- 90° in the -direction of arrow A- and remove it from the cable bracket -2-.
- Rotate the actuating link on the door lock operating Lever -3- in the -direction of arrow B-.
- The actuating link must be aligned with the opening on the operating Lever.
- Disengage the actuating link from the operating Lever.
- Remove the outside door handle. Refer to OUTER DOOR HANDLE.

-- Disengage the electrical wire on the mounting bracket -arrow- if applicable.

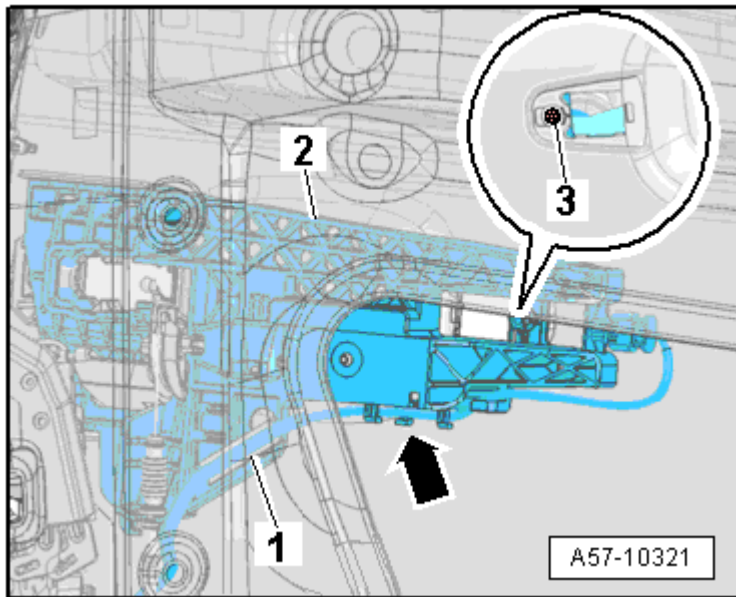


Fig. 52: Identifying Electrical Wire

Courtesy of AUDI OF AMERICA, LLC

-- Free up the electrical wire spiral clip -1- using the 80-200.

NOTE: Use a soapy solution if necessary make removal easier.

-- Remove the bolt -3- and the mounting bracket -2-.

INSTALLATION

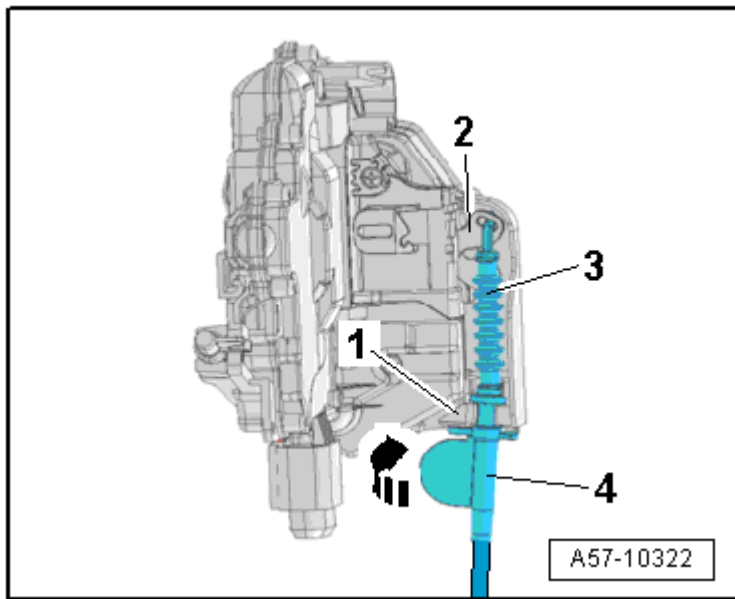


Fig. 53: Identifying Actuating Link, Installation
Courtesy of AUDI OF AMERICA, LLC

Installation is reverse of removal, but note the following:

- Engage the actuating link -3- in the door lock operating Lever -2-.
- Insert the operating cable into the cable mounting bracket -1- and rotate the Lever -4- 90° -arrow-.
- The Lever must engage audibly with the locking tab on the cable mounting bracket.

WINDOW GUIDE

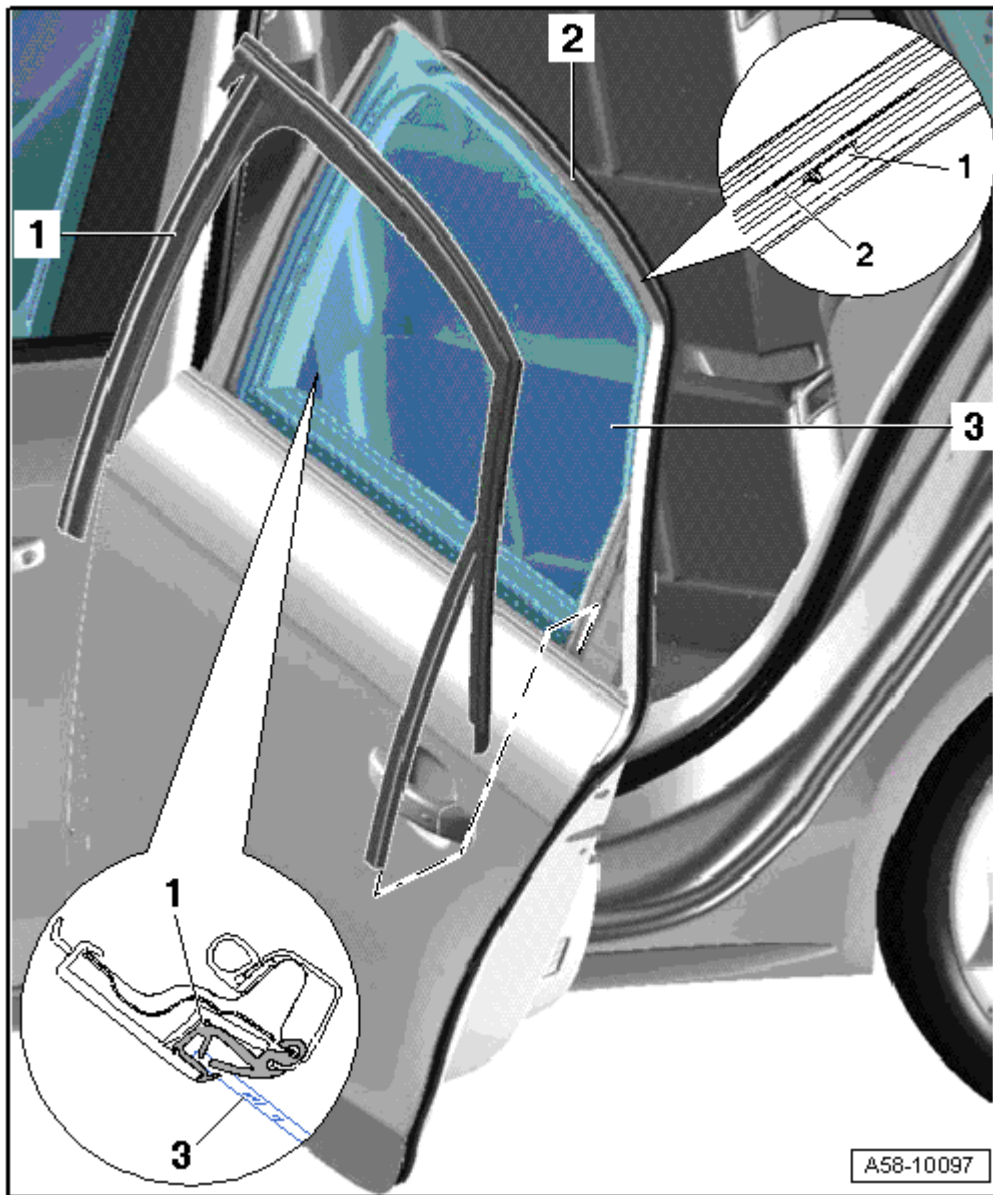


Fig. 54: Identifying Window Guide

Courtesy of AUDI OF AMERICA, LLC

1. Window Guide

- Remove the door trim panel and the window frame trim. Refer to **Removal and Installation** .
- B-pillar and C-pillar trim removed, refer to **REAR B-PILLAR AND C-PILLAR TRIM** .
- Door window removed. Refer to **REAR DOOR WINDOW** .

-- Beginning at the window guide on the window frame, remove the side B-pillar and C-pillar from the door.

-- Remove the window guide from the door.

- For easier installation, coat window guide with a soap solution.
- Push the window guide into the guide shafts as illustrated.
- Press the window guide with the latching tabs into the door.

2. Door

3. Door Window

- Removing and installing. Refer to **REAR DOOR WINDOW OVERVIEW** .

WINDOW REGULATOR MOTOR

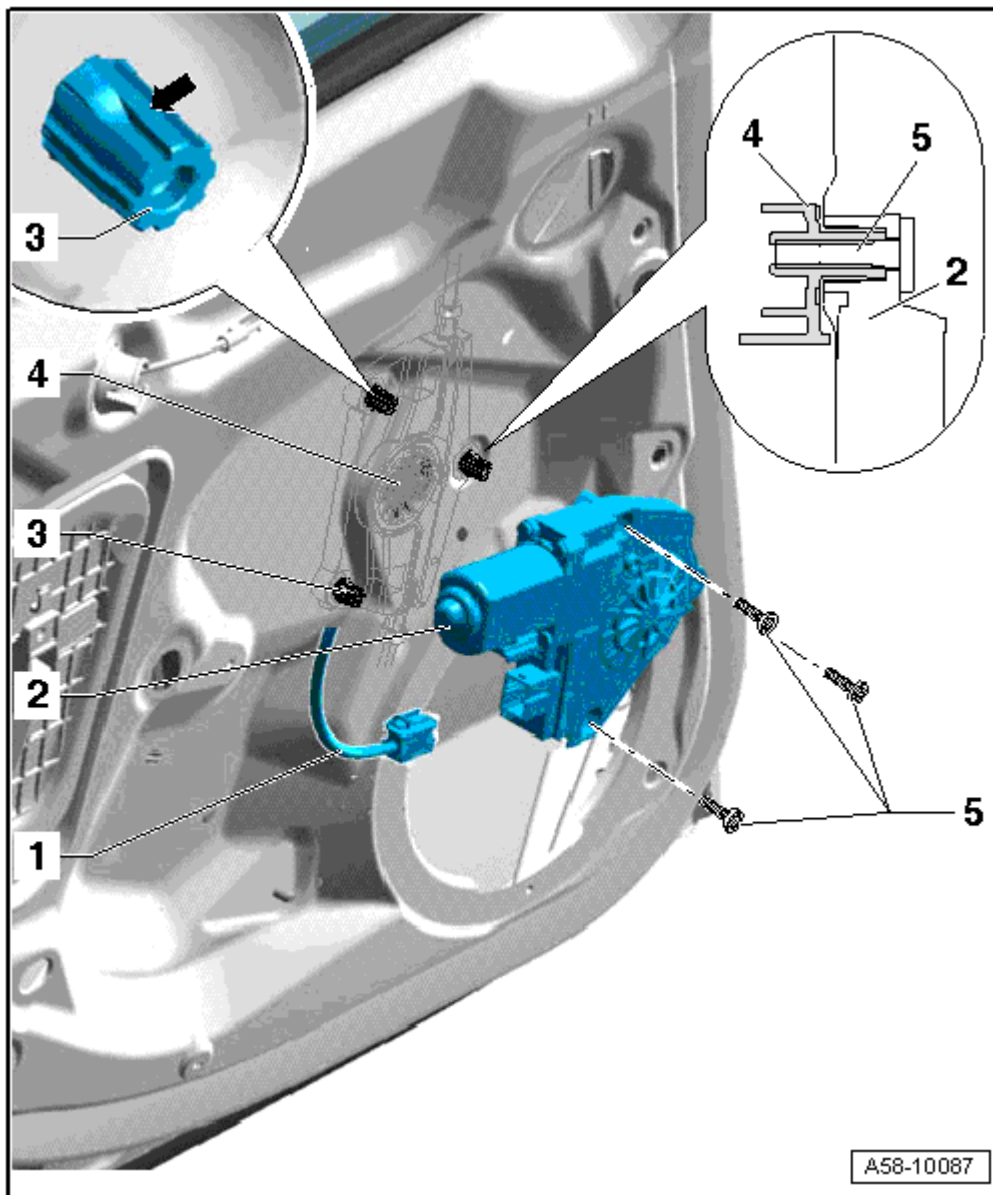


Fig. 55: Identifying Window Regulator Motor
Courtesy of AUDI OF AMERICA, LLC

1. Electrical Connection

-- Disconnect the connector on the door control module.

2. Window Regulator Motor

NOTE: The window regulator motor can be removed or installed with the motor or door window in any position.

- **Removing**

-- Remove the door trim. Refer to **Removal and Installation** .

-- Remove the screws -6- and remove the window regulator motor from the window regulator.

- **Installation**

- Tightening specifications, refer to **WINDOW REGULATOR MOTOR AND WINDOW REGULATOR OVERVIEW** .

Installation is reverse of removal, but note the following:

- The clips -arrow- for the window regulator threaded pins must be latched into the inner door panel.

-- Mount the window regulator motor on the threaded pins and tighten the screws -6-.

NOTE:

- **With the window regulator motor switches connected, switch the ignition on and run the door windows up to the stop.**
- **Continue holding the window regulator switch for approximately 2 seconds so the basic setting and one-touch up/down function are activated.**

3. Threaded Pins

4. Window Regulator

5. Bolt

WINDOW REGULATOR

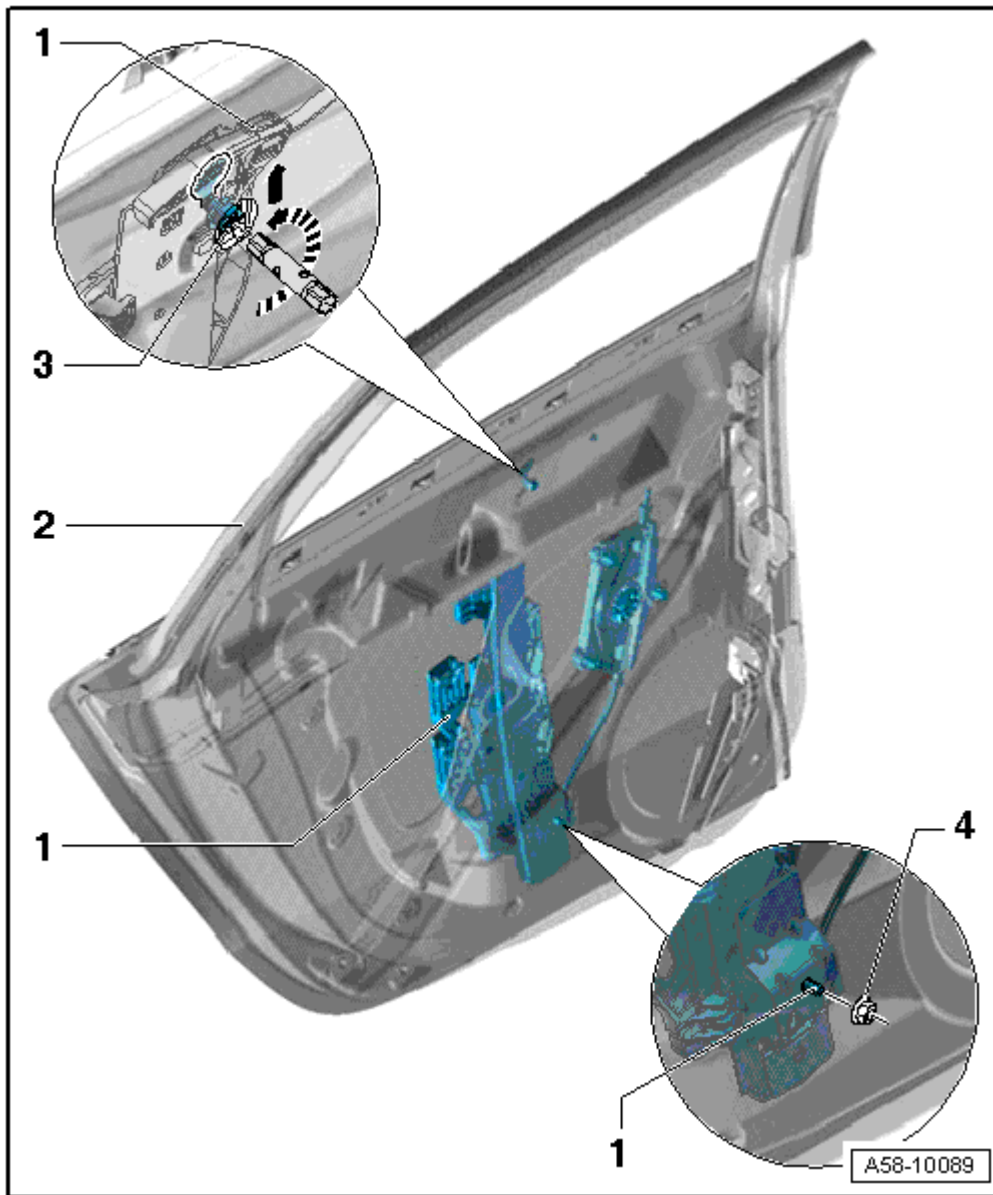


Fig. 56: Identifying Window Regulator
 Courtesy of AUDI OF AMERICA, LLC

1. Window Regulator

- **Removing**

- Door trim removed. Refer to **Removal and Installation** .
- Window regulator motor removed. Refer to **WINDOW REGULATOR MOTOR**.
- Door glass removed. Refer to **FRONT DOOR WINDOW** .
- The door inner panel cover is removed. Refer to **DOOR INNER PANEL COVER**.

-- Release the window regulator motor threaded pins and push it through the inside panel. Refer to **THREADED PIN RELEASES**.

-- Only loosen the upper nut.

-- Remove the lower nut and lift the window regulator upward and out of the door.

2. Door

3. Nut

- Loosen only for removing the window regulator.

4. Nut

- Remove when removing the window regulator.

THREADED PIN RELEASES

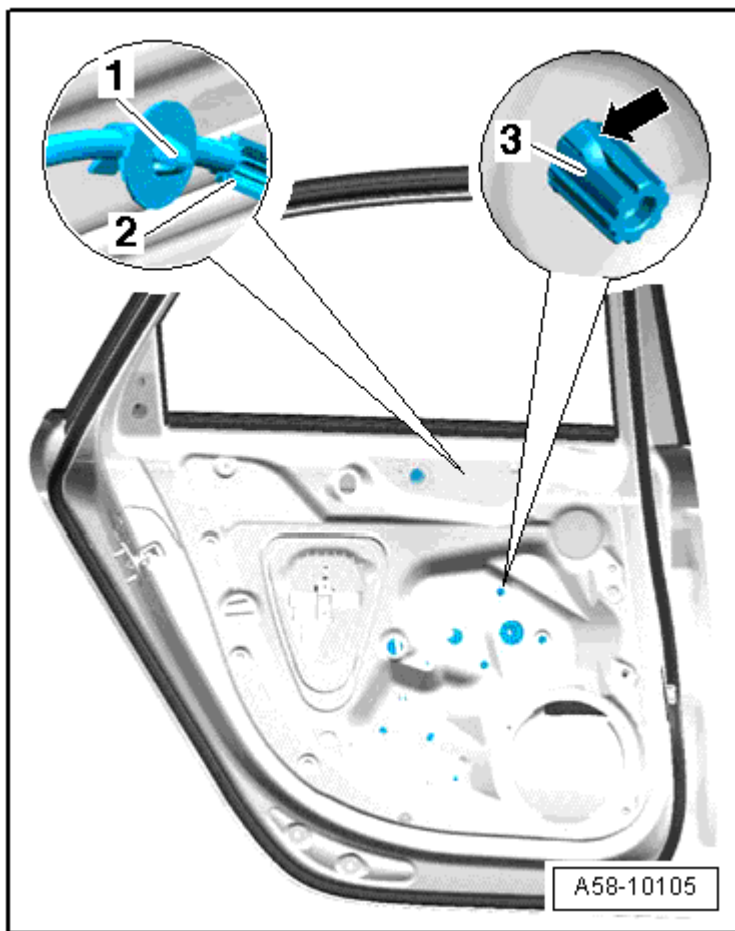


Fig. 57: Identifying Threaded Pin Releases

Courtesy of AUDI OF AMERICA, LLC

-- Release the clips -arrow- on the window regulator threaded pins -3- using an 11 mm socket by sliding the socket onto the threaded pins.

-- Remove the clip -1- for the cable -2- from the inner side of the cable guide -1-.

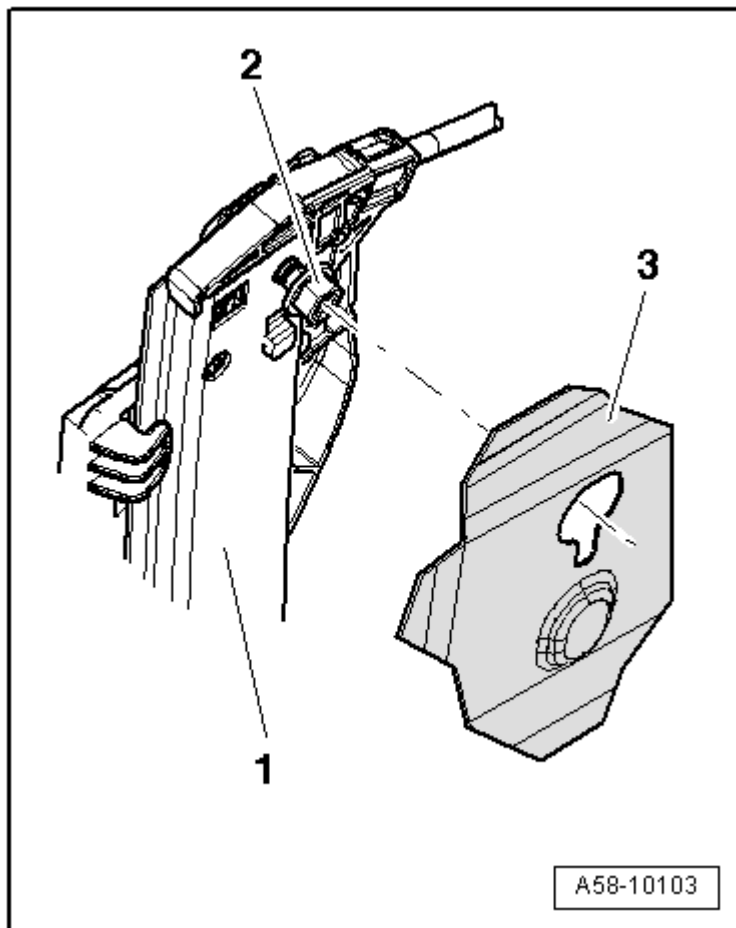
Upper connecting point for the window regulator

Fig. 58: Identifying Window Regulator Upper Connecting Point
Courtesy of AUDI OF AMERICA, LLC

-- To remove the window regulator -1- only remove the nut -2-.

WINDOW SHAFT STRIP**Special tools and workshop equipment required**

- 3 x Removal hook T40219

Removing

- Open the window.
- Door trim removed. Refer to **Removal and Installation** .
- Remove the C-pillar trim.

-- Before the window shaft strip -1- can be removed, first disconnect it from the door hook s -arrows-.

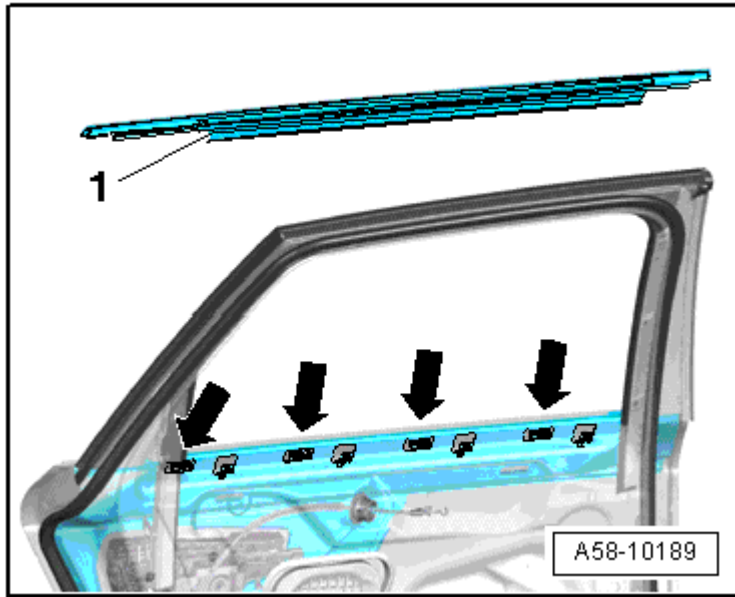


Fig. 59: Identifying Window Shaft Strip Door hook s
Courtesy of AUDI OF AMERICA, LLC

-- Insert the first T40219 between the door window and the window shaft strip at the C-pillar trim between the outer window shaft strip and the door window.

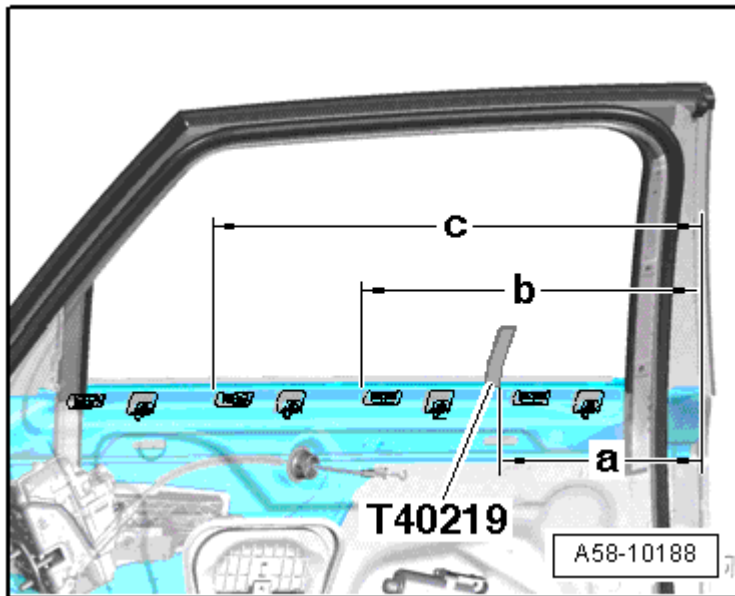


Fig. 60: Identifying Special Tool T40219
Courtesy of AUDI OF AMERICA, LLC

-- Move the T40219 toward the rear to -dimension a-.

-- Pull the T40219 upward and slide it into place into the window shaft strip.

NOTE: The mark on the removal hook T40219 must line up with the upper edge of the window shaft strip.

-- Insert the second T40219 between the door window and the window shaft strip at the C-pillar trim.

-- Move the second T40219 to -dimension b- and fit it in from underneath.

-- Insert the third T40219 at the C-pillar trim and move it to -dimension c-.

1. The specified dimensions on the window shaft strip are measured starting at the B-pillar.

- Dimension -a- = 605 to 640 mm.
- Dimension -b- = 425 to 460 mm.
- Dimension -c- = 605 ••• 640 mm.

-- Gently push the T40219 outward and release the window shaft strip.

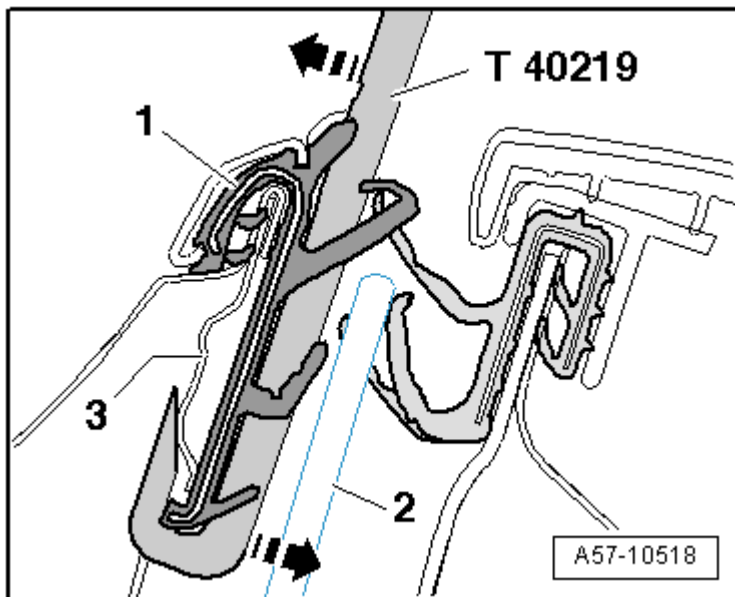


Fig. 61: Identifying Window Shaft Strip And Special Tool T40219
Courtesy of AUDI OF AMERICA, LLC

-- Release the window shaft strip in stages and then remove it from the door flange.

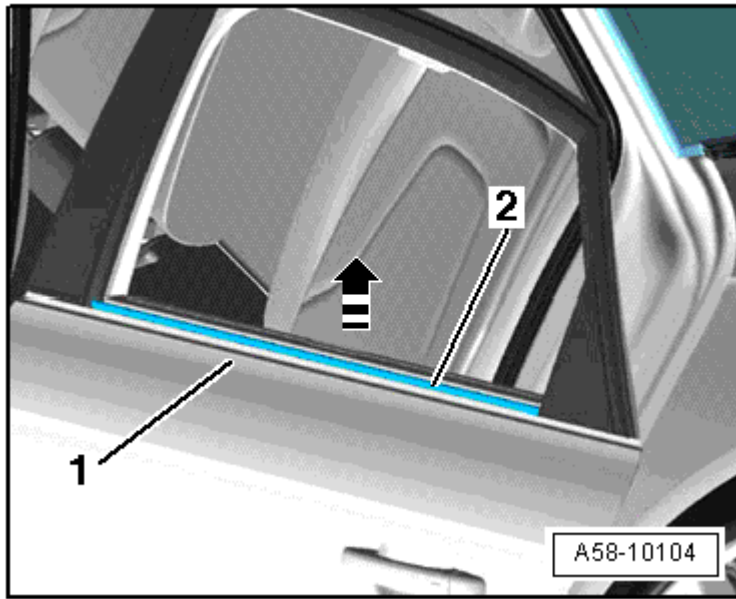


Fig. 62: Identifying Window Shaft Strip
Courtesy of AUDI OF AMERICA, LLC

Installation

WARNING: Do not pry open the hook s on the door outer panel. If necessary, bend them back into their original shape.

- Beginning at the B-pillar, press the window shaft strip into the retaining hook s in the door.

SPECIAL TOOLS

Special tools and workshop equipment required

- Roller 3356

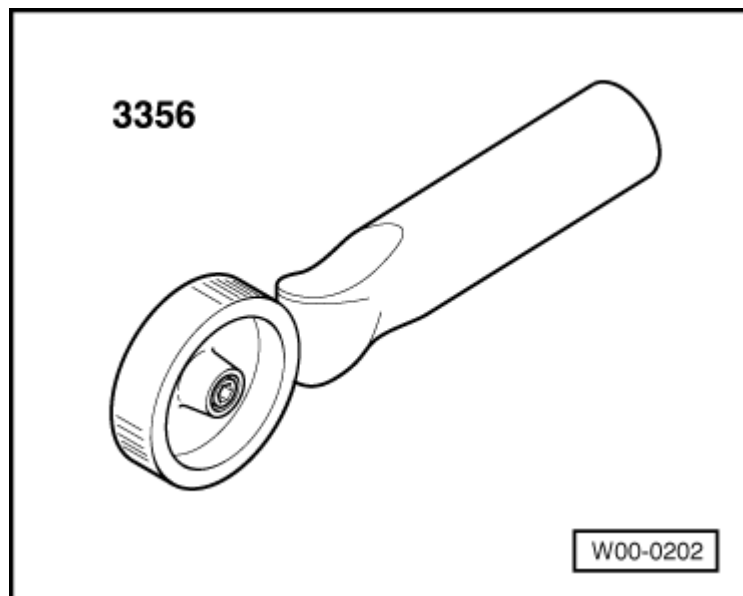


Fig. 63: Identifying Roller 3356
Courtesy of AUDI OF AMERICA, LLC

- Adhesive Strip Remover VAS 6349

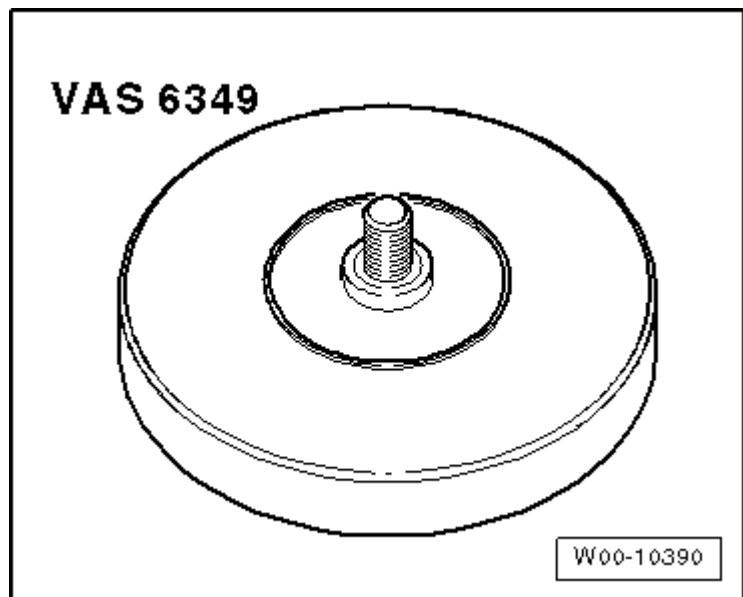


Fig. 64: Identifying Adhesive Strip Remover VAS 6349
Courtesy of AUDI OF AMERICA, LLC

- Adjustment Gauge 3371

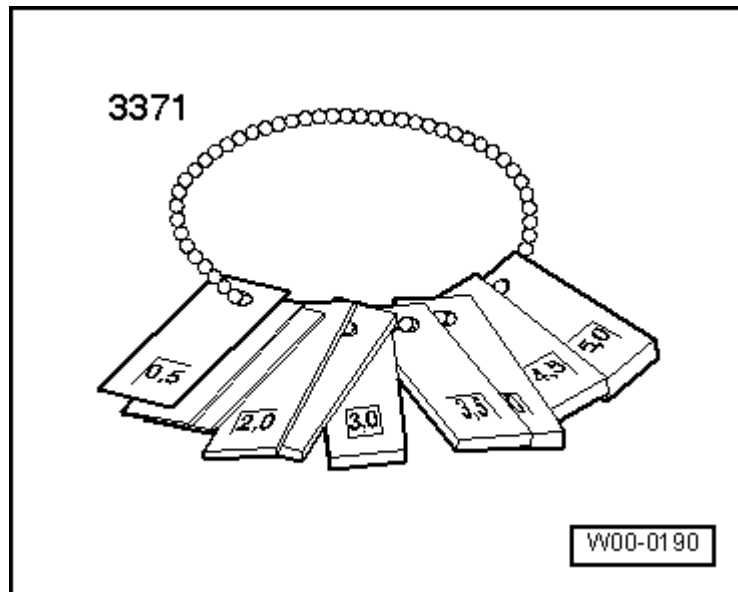


Fig. 65: Identifying Adjustment Gauge 3371
Courtesy of AUDI OF AMERICA, LLC

- Template T40038 /8

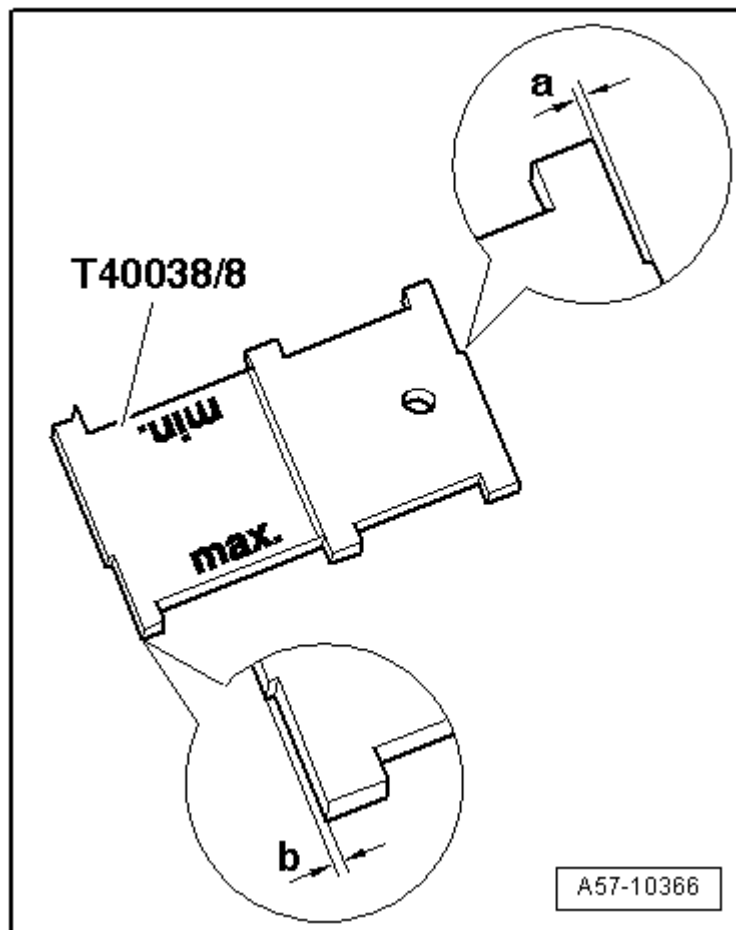


Fig. 66: Identifying Template T40038 /8
 Courtesy of AUDI OF AMERICA, LLC

- Removal Hook T40219

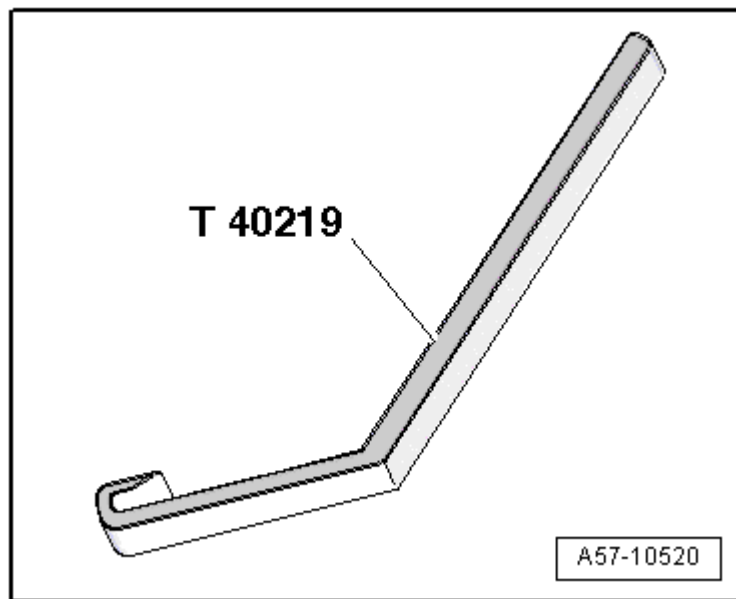


Fig. 67: Identifying Removal Hook T40219
Courtesy of AUDI OF AMERICA, LLC

- Pry Lever 80 - 200

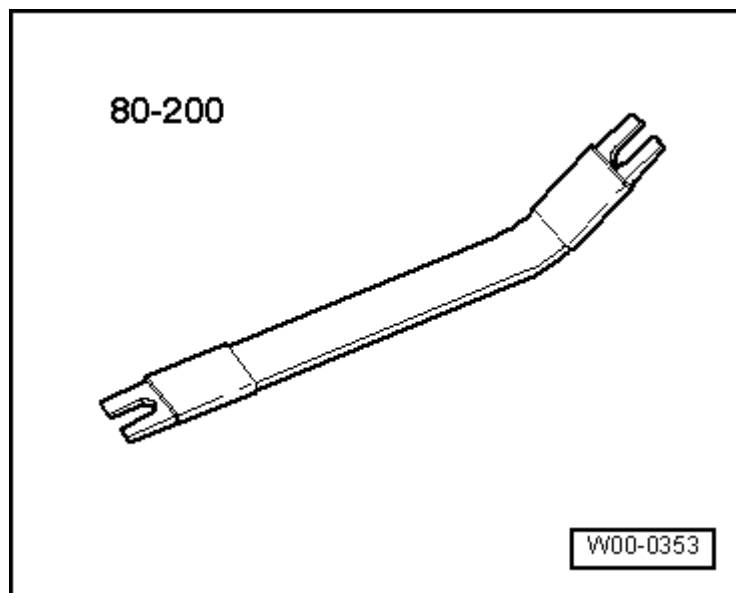


Fig. 68: Identifying Pry Lever 80 - 200
Courtesy of AUDI OF AMERICA, LLC