

Electrical System**Interior Lights, Switches****96 INTERIOR LIGHTS, SWITCHES****GENERAL INFORMATION****CONTACT CORROSION**

Contact corrosion can occur if incorrect fasteners (bolts, nuts, washers, etc.) are used.

For this reason, only fasteners with a special surface coating are used.

In addition, rubber or plastic parts and adhesive consist of non-conductive materials.

If there are doubts as to whether parts are suitable or not, use new parts .

Note:

- We only recommend original replacement parts, they have been tested and are compatible with aluminum.
- We recommend using Audi accessories.
- Damage resulting from contact corrosion is not covered by warranty.

DESCRIPTION AND OPERATION**INSTRUMENT PANEL LIGHTS AND SWITCHES OVERVIEW**

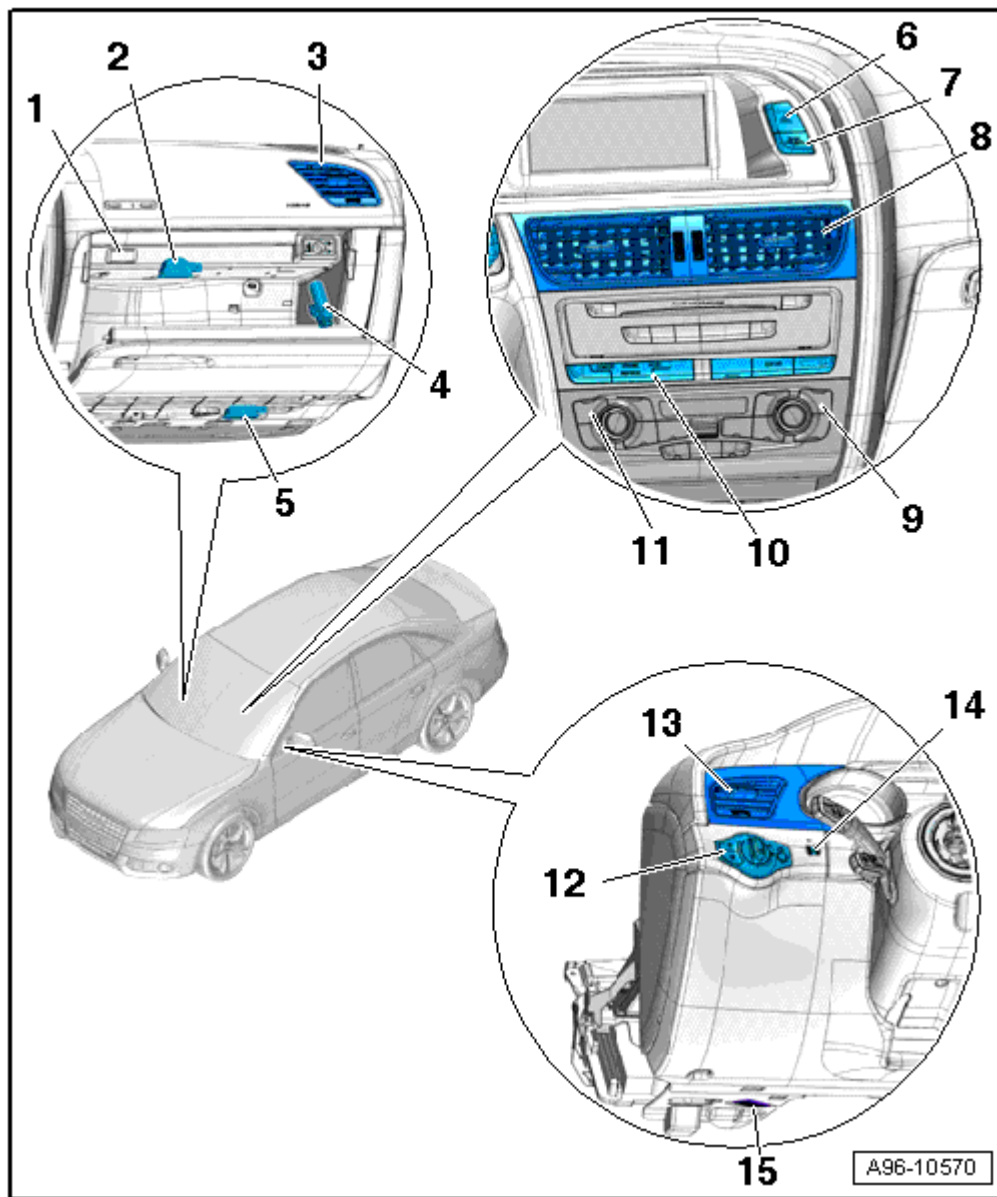


Fig. 1: Identifying Instrument Panel Lights And Switches Overview

Courtesy of AUDI OF AMERICA, LLC

1. **Valet Parking Lock Button -E536-**
 - Removing and installing, refer to **VALET PARKING LOCK BUTTON.**
2. **Glove Compartment Lamp -W6-**
 - 12V, 5 W
 - Removing and installing, refer to **GLOVE COMPARTMENT LAMP.**
3. **Right Instrument Panel Vent Illumination Bulb -L69 -**
 - Removing and installing, refer to **INSTRUMENT PANEL VENT ILLUMINATION BULB.**
4. **Glove Compartment Lamp Switch -E26-**
 - Removing and installing, refer to **GLOVE COMPARTMENT LAMP SWITCH.**

5. **Right Front Footwell Illumination Bulb -L152-**
 - Removing and installing, refer to **FRONT FOOTWELL ILLUMINATION BULB.**
6. **Emergency Flasher Button -E229-**
 - Removing and installing, refer to **EMERGENCY FLASHER BUTTON.**
7. **Front Passenger Airbag -Disabled- Indicator Lamp -K145-**
 - Removing and installing, refer to **FRONT PASSENGER AIRBAG -DISABLED- INDICATOR LAMP.**
8. **Center Instrument Panel Vent Illumination Bulb -L68-**
 - In the center instrument panel vent. Cannot be replaced separately if faulty.
 - Center instrument panel vent removing and installing. Refer to **Removal and Installation** .
9. **Heated Front Passenger Seat Adjuster -E95-**
 - Integrated in the climatronic control module -J255- (also called the "control head"). Cannot be replaced separately if faulty.
 - Climatronic control module removing and installing. Refer to **Removal and Installation** .
10. **Button Unit**
 - Only with MMI Comfort
 - Depending on the vehicle equipment with:
 - Left: driving profile selection switch module -E592-, Start/Stop mode button -E693-
 - Right: charisma switch module -E592-, rear window shade switch -E149-, ASR/ESP button -E256-, parking aid button -E266-
 - Removing and installing, refer to **BUTTON UNIT, WITH MMI COMFORT EQUIPMENT.**
11. **Heated Driver Seat Adjuster -E94-**
 - Integrated in the climatronic control module (also called the "control head"). Cannot be replaced separately if faulty.
 - Climatronic control module removing and installing. Refer to **Removal and Installation** .
12. **Light Switch -E1-**
 - Removing and installing, refer to **LIGHT SWITCH.**
 - With the instrument panel and switch illumination dimmer switch -E20-. Removing and installing, refer to **INSTRUMENT PANEL AND SWITCH ILLUMINATION DIMMER SWITCH.**
 - With the rear fog lamp button -E314-, fog lamp button -E315-. Removing and installing, refer to **FOG LAMP BUTTON.**
13. **Left Instrument Panel Vent Illumination Bulb -L67-**
 - Removing and installing, refer to **INSTRUMENT PANEL VENT ILLUMINATION BULB.**
14. **Headlamp Range Control Adjuster -E102-**
 - Removing and installing, refer to **HEADLAMP RANGE CONTROL ADJUSTER.**
15. **Left Front Footwell Illumination Bulb -L151-**
 - Removing and installing, refer to **FRONT FOOTWELL ILLUMINATION BULB.**

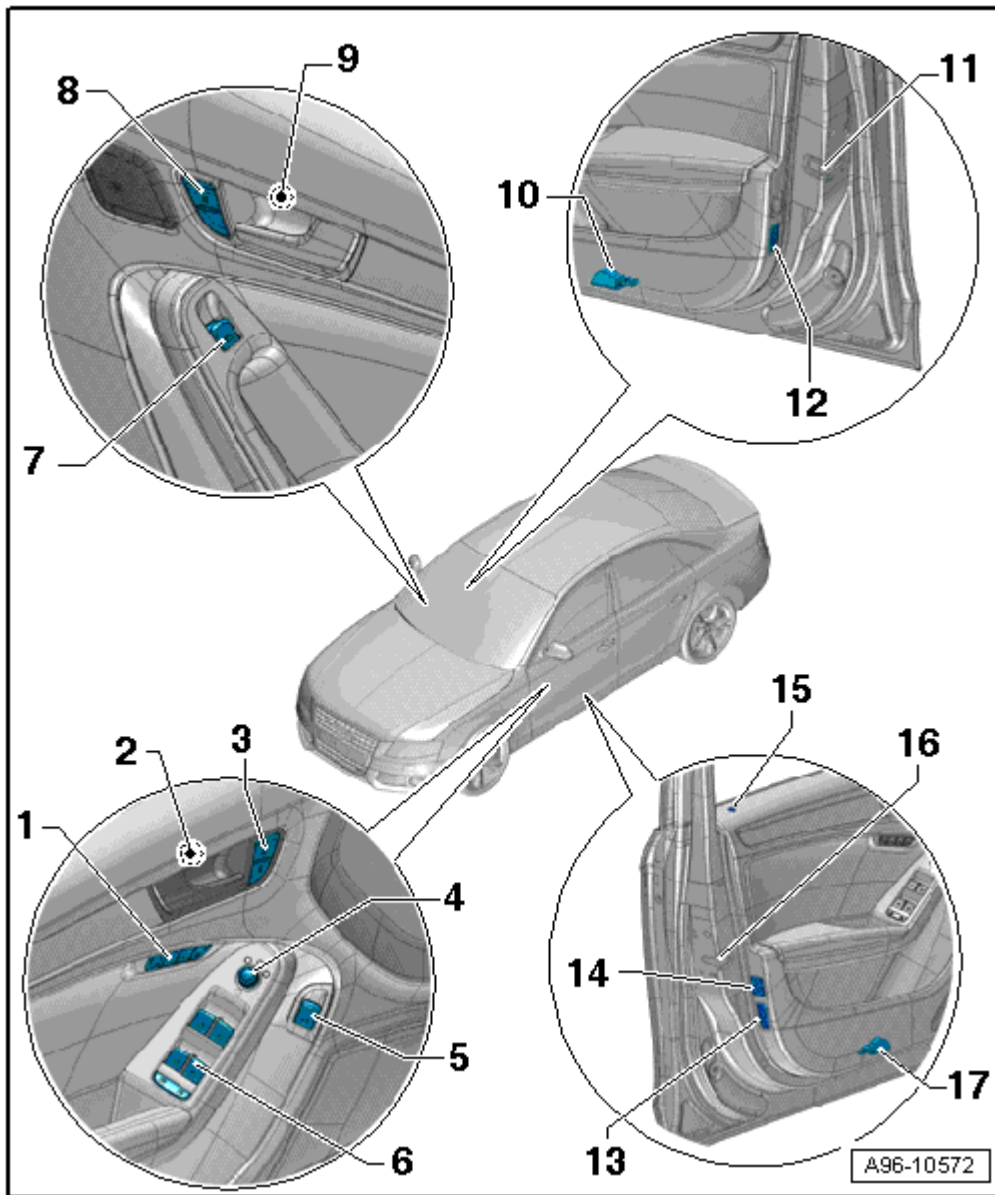


Fig. 2: Identifying Front Door Lamps And Switches Overview

Courtesy of AUDI OF AMERICA, LLC

1. **Driver Memory Seat Control Head -E97-**
 - Removing and installing, refer to **DRIVER MEMORY SEAT CONTROL HEAD**.
2. **Driver Door Opener Illumination Bulb -L108-**
 - Removing and installing, refer to **DOOR OPENER ILLUMINATION BULB**.
3. **Driver Interior Locking Switch -E150-**
 - Removing and installing, refer to **INTERIOR LOCKING SWITCHES**.
4. **Mirror Adjusting Switch -E43- or Folding Mirror Adjustment Switch -E168-**
 - Removing and installing, refer to **MIRROR ADJUSTING SWITCH**.
5. **Rear Lid Remote Unlock Switch -E188-**

- Removing and installing, refer to REAR LID REMOTE UNLOCK SWITCH.
6. **Power Window Control Head in Driver Door -E512-**
 - With left front window regulator switch -E40- and right front power window switch in driver door -E81-.
 - With the left rear window regulator switch in driver door -E53-, right rear window regulator switch in driver door -E55- and rear window regulator safety switch -E39-.
 - Window regulator switch removing and installing, refer to WINDOW REGULATOR SWITCH.
 7. **Front Passenger Door Window Regulator Switch -E107-**
 - Removing and installing, refer to WINDOW REGULATOR SWITCH.
 8. **Front Passenger Interior Locking Switch -E198 -**
 - Removing and installing, refer to INTERIOR LOCKING SWITCHES.
 9. **Front Passenger Door Opener Illumination Bulb -L109-**
 - Removing and installing, refer to DOOR OPENER ILLUMINATION BULB.
 10. **Right Front Entry Lamp -W32-**
 - 12V, 3 W
 - Removing and installing, refer to FRONT ENTRY AND DOOR WARNING LAMP BULB.
 11. **Front Passenger Door Contact Switch -F3-**
 - Integrated in the door lock. Cannot be replaced separately if faulty.
 - Door lock, removing and installing, refer to Removal and Installation .
 12. **Front Passenger Door Warning Lamp -W36-**
 - 12V, 3 W
 - Removing and installing, refer to FRONT ENTRY AND DOOR WARNING LAMP BULB.
 13. **Driver Door Warning Lamp -W30-**
 - 12V, 3 W
 - Removing and installing, refer to FRONT ENTRY AND DOOR WARNING LAMP BULB.
 14. **Interior Monitoring Switch -E183- /Alarm System Deactivation Switch -E217-**
 - Removing and installing, refer to INTERIOR MONITORING SWITCH/ALARM SYSTEM DEACTIVATION SWITCH.
 15. **Central Locking -SAFE- Indicator Lamp -K133-**
 - Removing and installing, refer to CENTRAL LOCKING -SAFE- INDICATOR LAMP.
 16. **Driver Door Contact Switch -F2-**
 - Integrated in the door lock. Cannot be replaced separately if faulty.
 - Door lock removing and installing, refer to Removal and Installation .
 17. **Left Front Entry Lamp -W31-**
 - 12V, 3 W
 - Removing and installing, refer to FRONT ENTRY AND DOOR WARNING LAMP BULB.

REAR DOOR LAMPS AND SWITCHES OVERVIEW

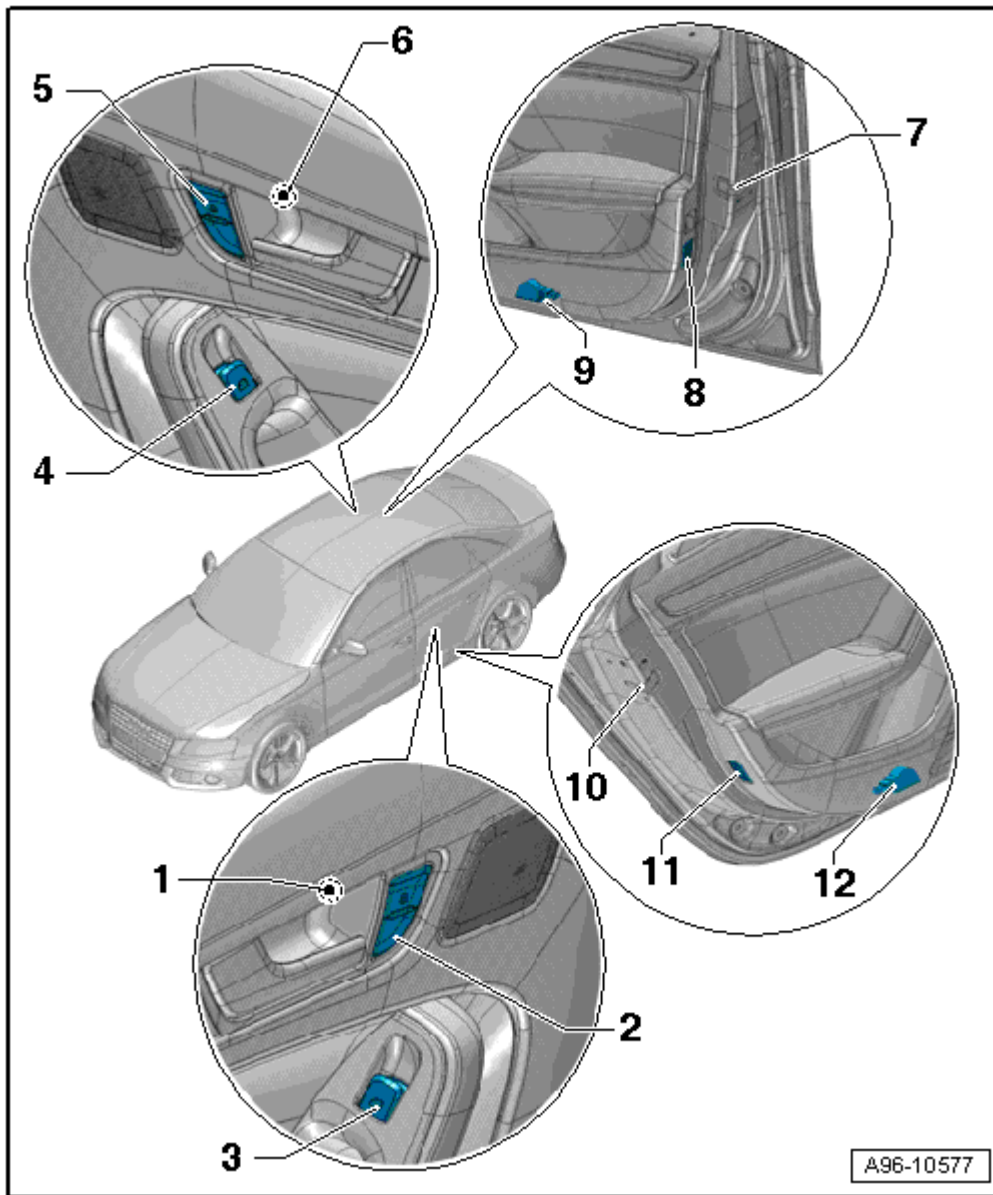


Fig. 3: Identifying Rear Door Lamps And Switches Overview

Courtesy of AUDI OF AMERICA, LLC

1. Left Rear Door Opener Illumination Bulb -L110-
 - Removing and installing, refer to **REAR DOOR OPENER ILLUMINATION BULB**.
2. Left Rear Interior Locking Switch -E273-
 - Removing and installing, refer to **REAR INTERIOR LOCKING SWITCHES**.
3. Left Rear Power Window Switch in Left Rear Door -E52-
 - Removing and installing, refer to **WINDOW REGULATOR SWITCHES**.
4. Right Rear Window Switch in Right Rear Door -E54-
 - Removing and installing, refer to **WINDOW REGULATOR SWITCHES**.
5. Right Rear Interior Locking Switch -E274-

- Removing and installing, refer to **REAR INTERIOR LOCKING SWITCHES**.
- 6. Right Rear Door Opener Illumination Bulb -L111-
 - Removing and installing, refer to **REAR DOOR OPENER ILLUMINATION BULB**.
- 7. Right Rear Door Contact Switch -F11-
 - Integrated in the door lock. Cannot be replaced separately if faulty.
 - Door lock removing and installing, refer to **Removal and Installation** .
- 8. Right Rear Door Warning Lamp -W38-
 - 12V, 3 W
 - Removing and installing, refer to **REAR ENTRY AND DOOR WARNING LAMPS**.
- 9. Right Rear Entry Lamp -W34-
 - 12V, 3 W
 - Removing and installing, refer to **REAR ENTRY AND DOOR WARNING LAMPS**.
- 10. Left Rear Door Contact Switch -F10-
 - Integrated in the door lock. Cannot be replaced separately if faulty.
 - Door lock removing and installing, refer to **Removal and Installation** .
- 11. Left Rear Door Warning Lamp -W37-
 - 12V, 3 W
 - Removing and installing, refer to **REAR ENTRY AND DOOR WARNING LAMPS**.
- 12. Left Rear Entry Lamp -W33-
 - 12V, 3 W
 - Removing and installing, refer to **REAR ENTRY AND DOOR WARNING LAMPS**.

CENTER CONSOLE LAMPS AND SWITCHES OVERVIEW

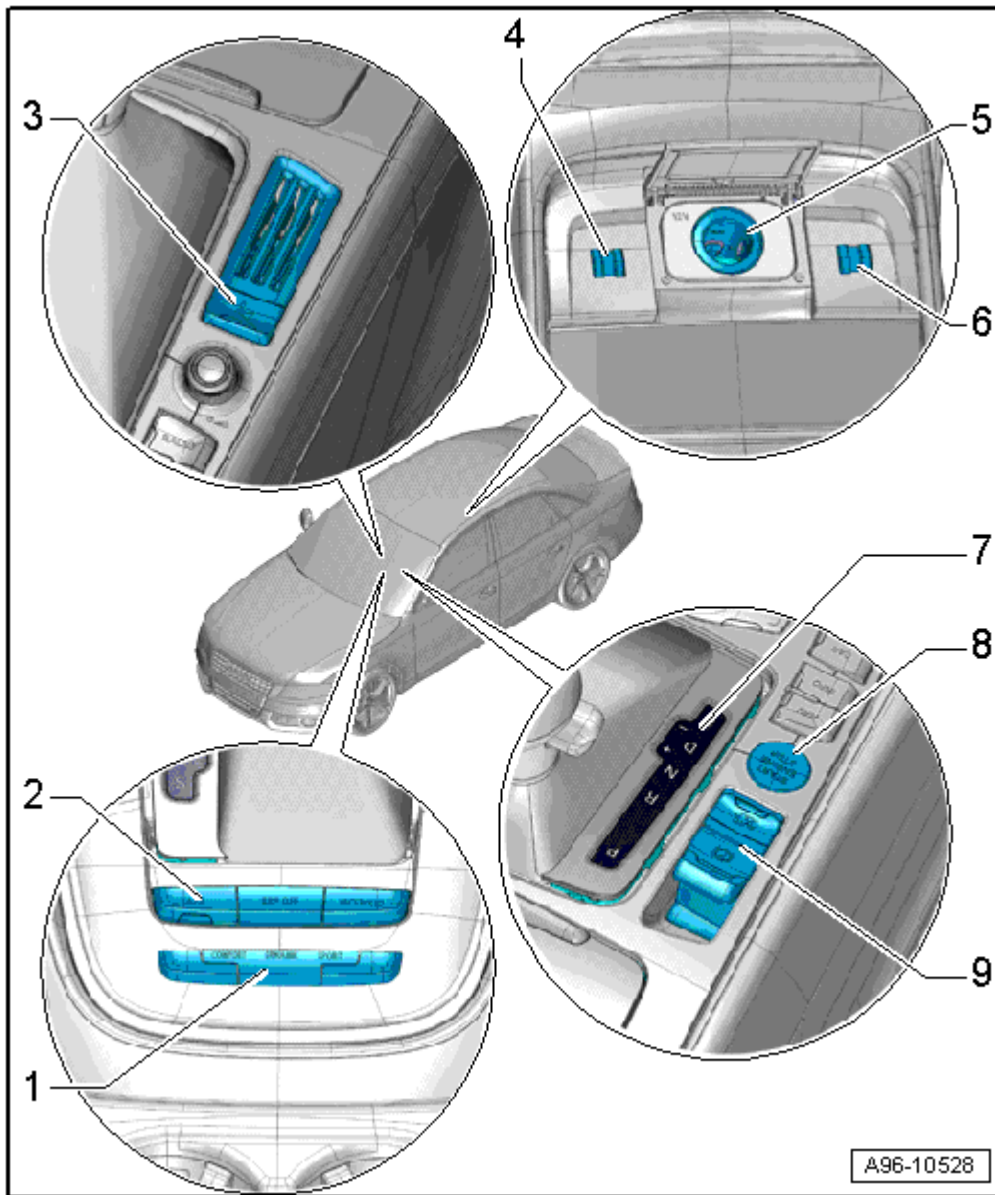


Fig. 4: Identifying Center Console Lamps And Switches Overview
 Courtesy of AUDI OF AMERICA, LLC

1. Charisma Switch Module -E592-

- Only with Multi Media Interface (MMI) basic.
- Depending on equipment
- With the charisma switch module button 1 -E593-, charisma switch module button 2 -E594-.
- Removing and installing, refer to **BUTTON UNIT, MMI BASIC.**

2. Button Unit

- Only with MMI basic.
- Depending on equipment with the rear window shade switch -E149-, ASR/ESP button -E256- and parking aid button -E266-.

- Removing and installing, refer to **BUTTON UNIT, MMI BASIC.**
- 3. Start/Stop Mode Button -E693-
 - Removing and installing, refer to **START/STOP MODE BUTTON.**
- 4. Left Rear Heated Seat Regulating Switch -E128-
 - Removing and installing, refer to **REAR HEATED SEAT REGULATING SWITCHES.**
- 5. Power Outlet Receptacle
 - Depending on equipment with 12 V socket 2 -U18- or 230 volt outlet for the converter with socket, 12V-230V -U13-.
 - With the socket illumination bulb -L42-.
 - Assembly overview, refer to **CIGARETTE LIGHTER, 12V AND 115 VOLT SOCKETS OVERVIEW** .
- 6. Right Rear Heated Seat Regulating Switch -E129-
 - Removing and installing, refer to **REAR HEATED SEAT REGULATING SWITCHES.**
- 7. Selector Lever Transmission Range Position Display Unit -Y26- with Selector Lever Scale Illumination Bulb -L101-
 - Removing and installing, refer to **SELECTOR LEVER TRANSMISSION RANGE POSITION DISPLAY UNIT WITH SELECTOR LEVER SCALE ILLUMINATION BULB.**
- 8. Access/Start Authorization Button -E408-
 - Removing and installing, refer to **ACCESS/START AUTHORIZATION BUTTON -E408-.**
- 9. Electromechanical Parking Brake Button -E538-, -AUTO HOLD- Button -E540-
 - Removing and installing, refer to **ELECTROMECHANICAL PARKING BRAKE AND - AUTO HOLD- BUTTONS.**

FRONT SEAT AND LUGGAGE COMPARTMENT LAMPS AND SWITCHES OVERVIEW

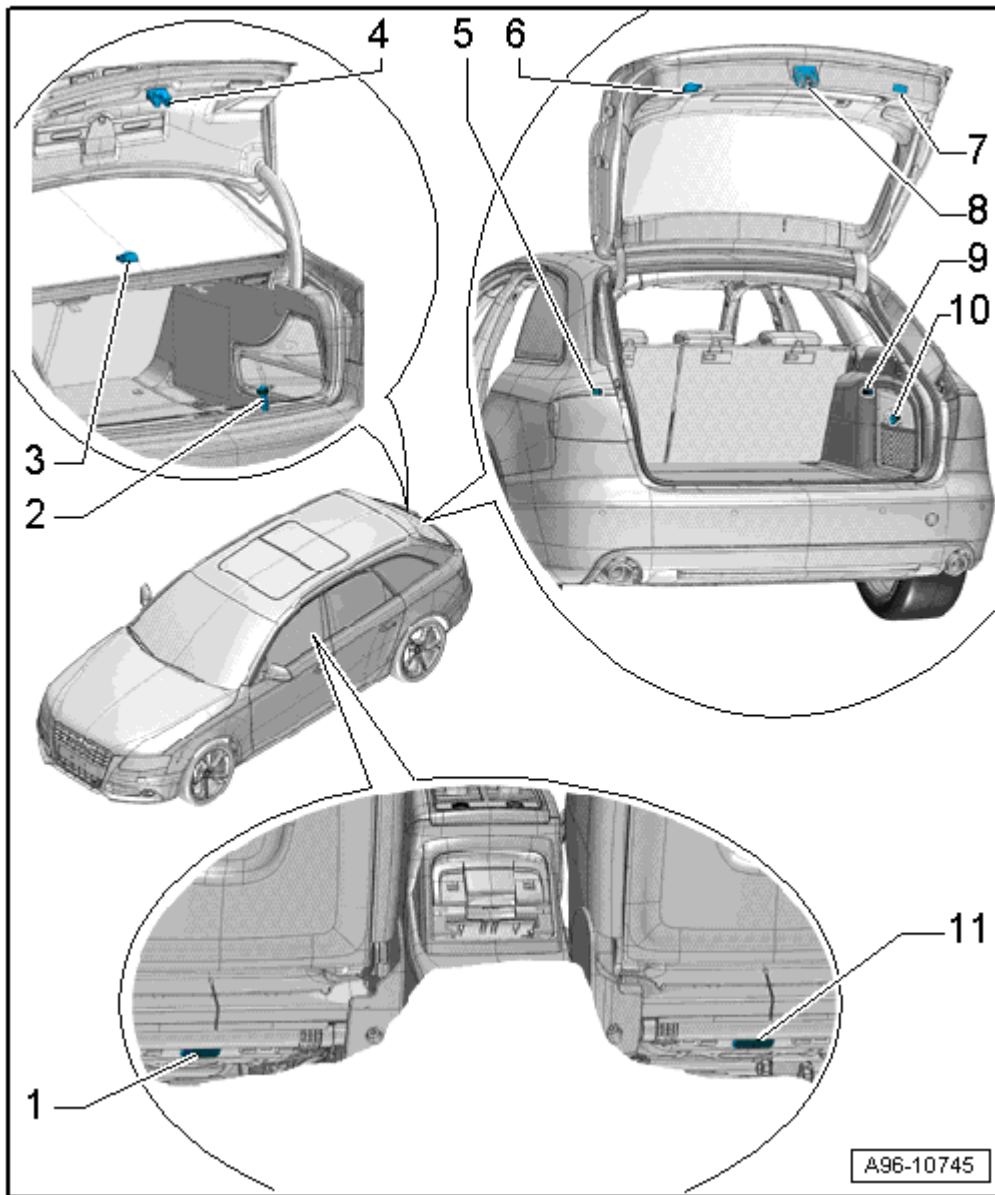


Fig. 5: Identifying Front Seat And Luggage Compartment Lamps And Switches Overview
 Courtesy of AUDI OF AMERICA, LLC

1. Left Rear Footwell Lamp -W45-
 - Removing and installing, refer to **REAR FOOTWELL LAMPS**.
2. 12V Socket 3 -U19-
 - Sedan only.
 - Removing and installing, refer to **12V SOCKET 3**.
3. Luggage Compartment Lamp -W3-
 - Sedan only.
 - 12V, 5 W
 - Removing and installing, refer to **LUGGAGE COMPARTMENT LAMP**.

4. Rear Lid Contact Switch
 - Sedan only.
 - Removing and installing, refer to **REAR LID CONTACT SWITCH.**
5. Left Luggage Compartment Lamp -W18-
 - Avant only.
 - 12V, 5 W
6. Ambient Lamp 25.40 mm Rear Lid -W61-
 - Avant only.
 - 12V, 5 W
7. Rear Lid Lock Button in Luggage Compartment -E406-
 - Avant only.
8. Rear Lid Contact Switch
 - Avant only.
 - Removing and installing, refer to **REAR LID CONTACT SWITCH.**
9. Luggage Compartment Lamp -W3-
 - Avant only.
 - 12V, 5 W
10. 12V Socket 3 -U19-
 - Avant only.
11. Right Rear Footwell Lamp -W46-
 - Removing and installing, refer to **REAR FOOTWELL LAMPS.**

ROOF TRIM LAMP AND SWITCHES OVERVIEW

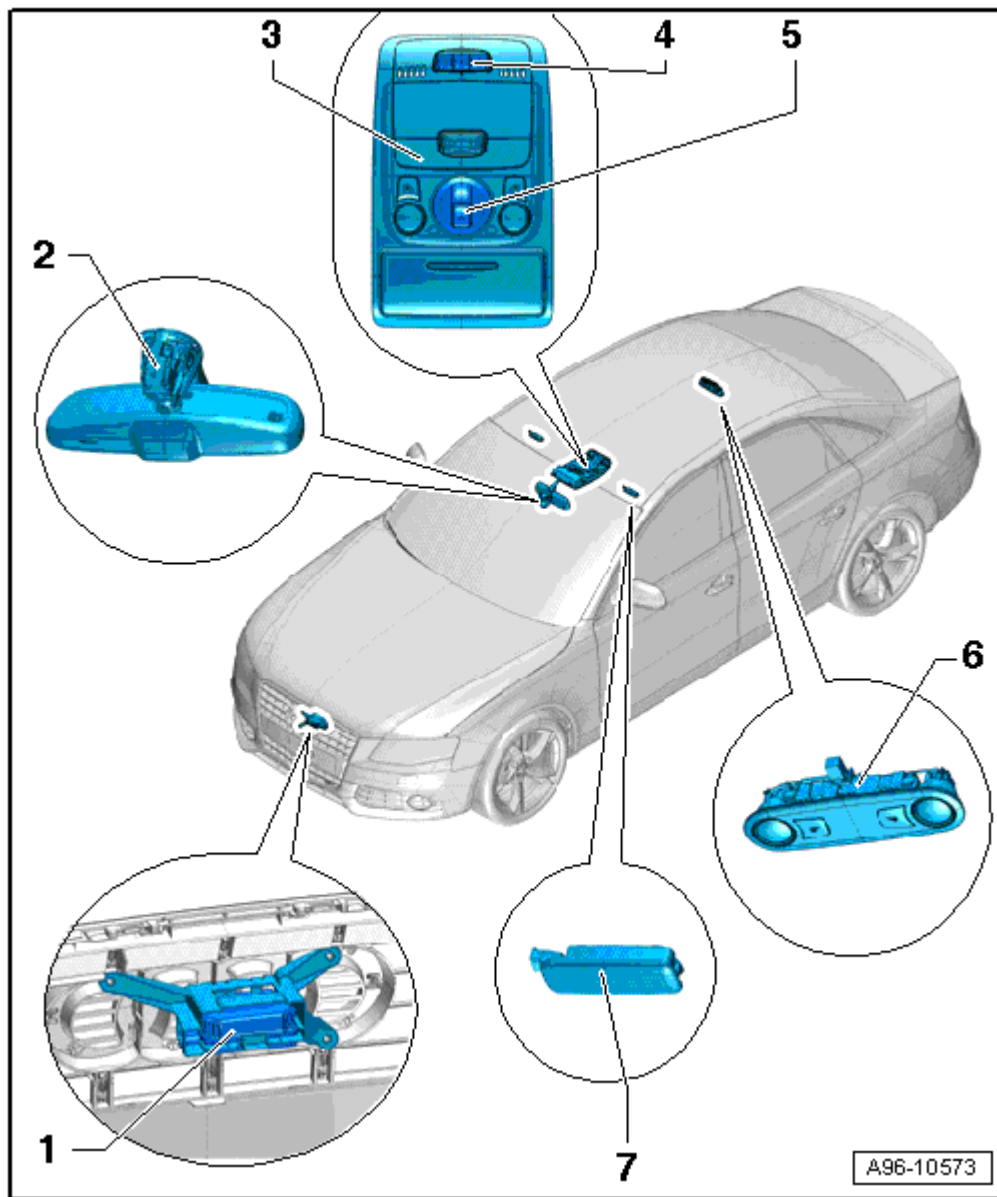


Fig. 6: Identifying Roof Trim Lamp And Switches Overview

Courtesy of AUDI OF AMERICA, LLC

1. Garage Door Opener Control Module -J530-

- Removing and installing:

- through MY 2012, refer to **GARAGE DOOR OPENER CONTROL MODULE -J530-, THROUGH MY 2012.**
- from MY 2013, refer to **GARAGE DOOR OPENER CONTROL MODULE -J530-, FROM MY 2013.**

2. Humidity Sensor -G355-

- Overview, refer to **HEADLAMP ASSISTANT, HUMIDITY SENSOR AND LANE ASSIST OVERVIEW.**

3. Interior Lamps/Front Reading Lamps
 - Front interior lamp -W1-.
 - Front passenger reading lamp -W13-.
 - Driver reading lamp -W19-.
 - Removing and installing, refer to **INTERIOR LAMP/FRONT READING LAMP**.
4. Garage Door Opener Control Head -E284-
 - Removing and installing, refer to **GARAGE DOOR OPENER CONTROL HEAD -E284-**.
5. Sunroof Adjustment Regulator -E139-
 - Removing and installing, refer to **SUNROOF ADJUSTMENT REGULATOR -E139-**.
6. Interior Lamp/Rear Reading Lamp
 - Left rear interior lamp -W47-.
 - Right rear interior lamp -W48-.
 - Rear interior lamp removing and installing, refer to **REAR INTERIOR LAMP**.
 - Rear interior/reading lamp removing and installing, refer to **INTERIOR LAMP/REAR READING LAMP**.
7. Vanity Mirror Illumination Bulb -L31-
 - 12V, 5 W
 - Removing and installing, refer to **VANITY MIRROR ILLUMINATION BULB**.

FRONT INTERIOR/READING LAMP BOLT TIGHTENING SPECIFICATIONS

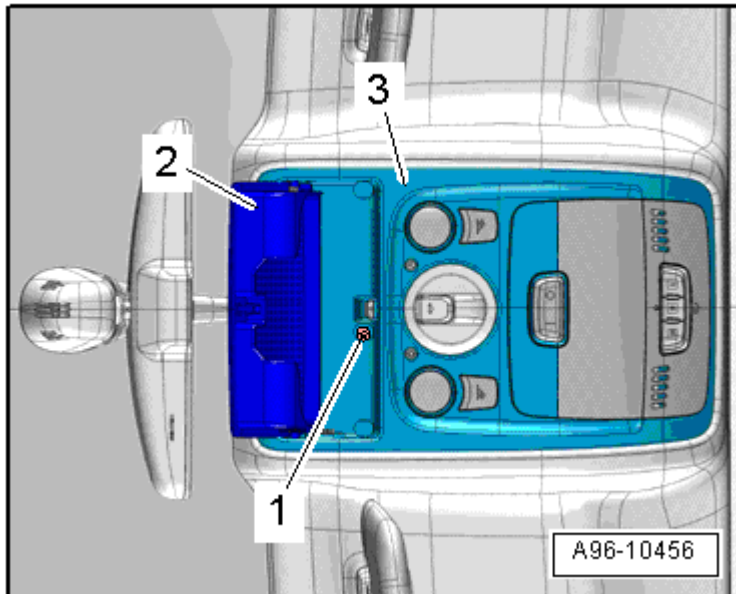


Fig. 7: Identifying Front Interior/Reading Lamp Bolt Tightening Specifications
Courtesy of AUDI OF AMERICA, LLC

1. Bolt - 1.6 Nm

2. Eyeglass compartment
3. Interior/front reading lamp

SUNROOF ADJUSTMENT REGULATOR BOLT TIGHTENING SPECIFICATION

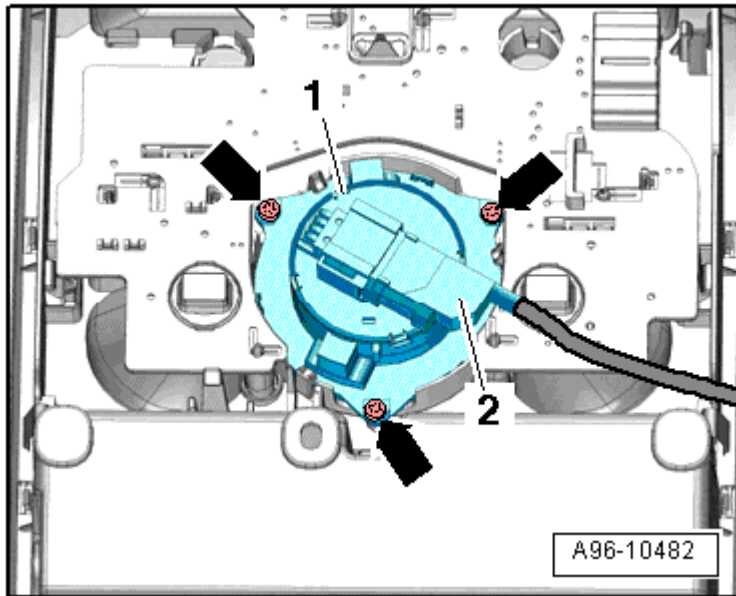


Fig. 8: Identifying Sunroof Adjustment Regulator Bolt Tightening Specification
Courtesy of AUDI OF AMERICA, LLC

-- Tighten the bolts -arrows- to 1 Nm.

HEADLAMP ASSISTANT, HUMIDITY SENSOR AND LANE ASSIST OVERVIEW

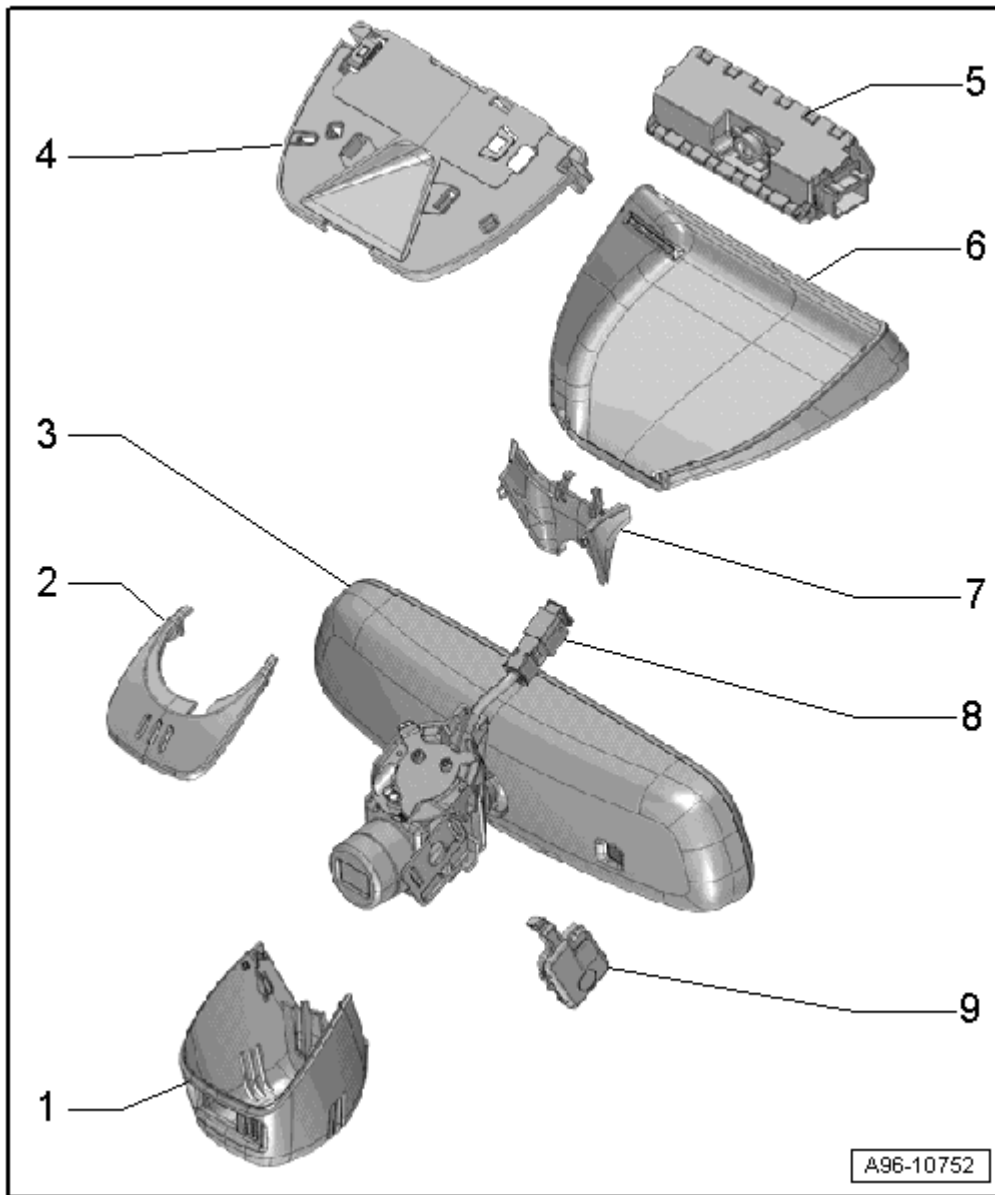


Fig. 9: Identifying Headlamp Assistant, Humidity Sensor And Lane Assist Overview
 Courtesy of AUDI OF AMERICA, LLC

1. Front Cover

- For the housing for the automatic high beam assist control module -J844- with light recognition sensor -G399-.

2. Screw

- For the automatic high beam control module -J844-

3. Interior Rearview Mirror

- Vehicles with automatic high beam control module -J844- with light recognition sensor -G399-
- Automatic high beam control module with light recognition sensor integrated inside the interior rearview mirror. Cannot be replaced separately if faulty.

- Interior rearview mirror, removing and installing, refer to **Removal and Installation** .
- 4. Upper Cover
 - For the directional stabilization assistance control module -J759-.
- 5. Directional Stabilization Assistance Control Module -J759-
 - Removing and installing, refer to **Removal and Installation** .
- 6. Lower Cover
 - For the directional stabilization assistance control module.
- 7. Rear Cover
- 8. Central Connector
- 9. Humidity Sensor -G355-
 - Removing and installing:
 - **HUMIDITY SENSOR -G355-, WITHOUT HEADLAMP ASSISTANT.**
 - **HUMIDITY SENSOR -G355-, WITH HEADLAMP ASSISTANT.**

ACCESS/START AUTHORIZATION SYSTEM OVERVIEWS**ACCESS/START AUTHORIZATION SYSTEM OVERVIEW**

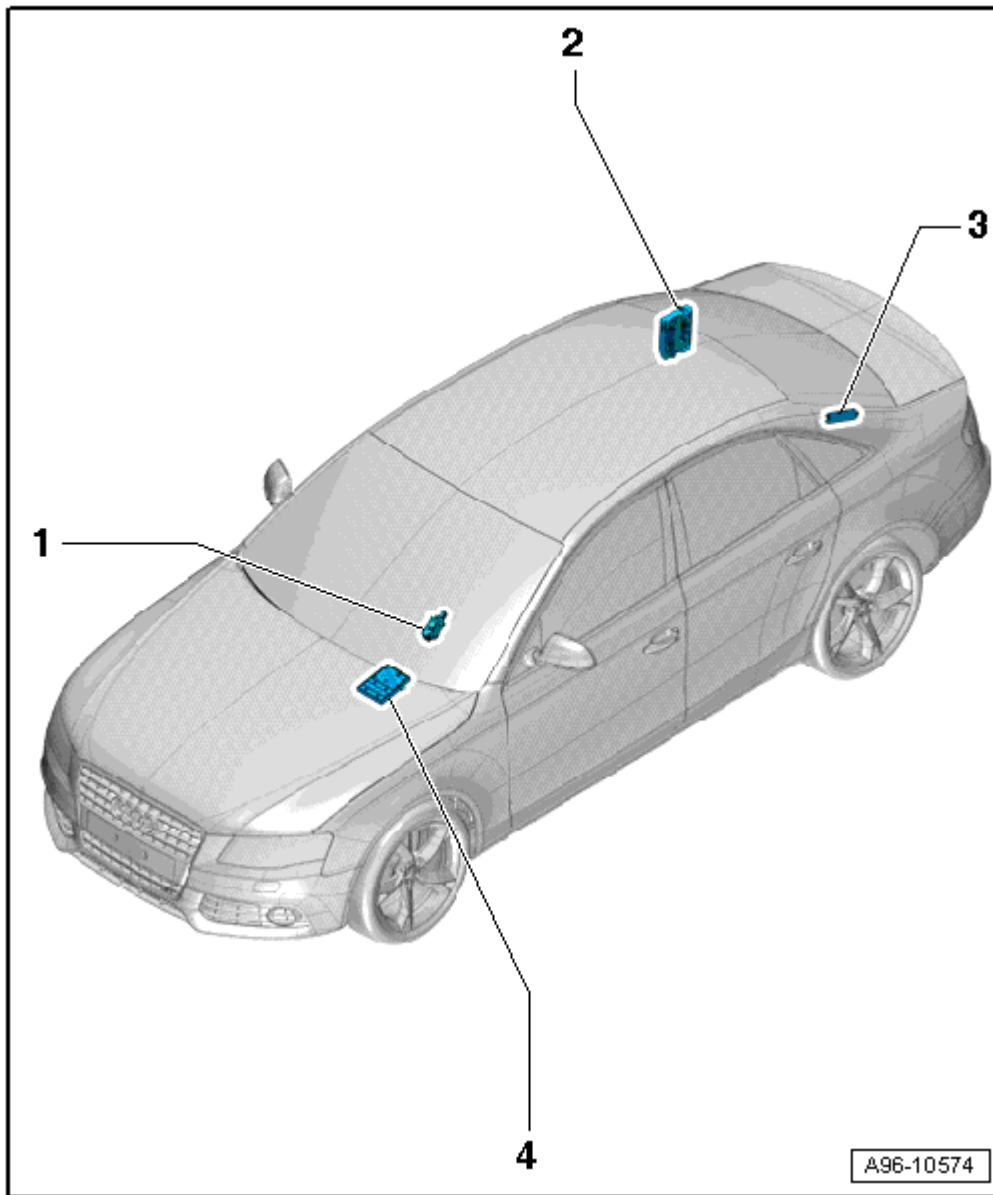


Fig. 10: Identifying Access/Start Authorization System Overview

Courtesy of AUDI OF AMERICA, LLC

1. Access/Start Authorization Switch -E415-
 - Component location: In the instrument panel on the driver side.
 - Removing and installing, refer to **ACCESS/START AUTHORIZATION SWITCH** .
2. Comfort System Central Control Module -J393-
 - Component location: Behind the right side luggage compartment side trim panel.
 - Removing and installing, refer to **COMFORT SYSTEM CENTRAL CONTROL MODULE - J393-** .
3. Central Locking and Anti-Theft Alarm System Antenna -R47-
 - Integrated inside the rear window.

- Removing and installing, refer to **Removal and Installation** .
4. Electronic Steering Column Lock Control Module -J764-
- Removing and installing, refer to **Removal and Installation** .

KEYLESS ACCESS SYSTEM OVERVIEW

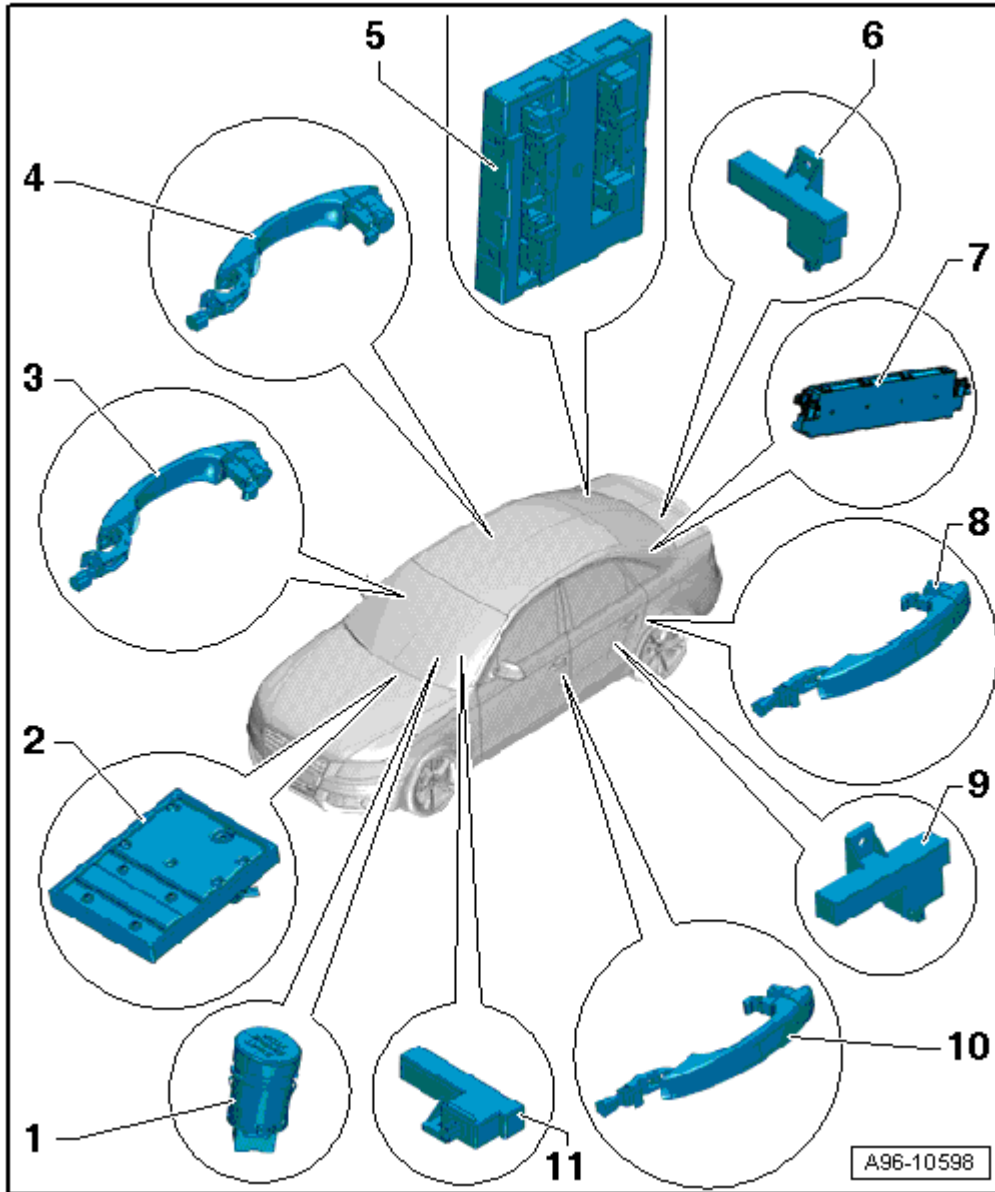


Fig. 11: Identifying Advanced Key System Overview, 4-Door Vehicles
 Courtesy of AUDI OF AMERICA, LLC

1. Access/Start Authorization Button -E408-
- Multi Media Interface (MMI) basic installation location: inside the center console cover.
 - MMI comfort installation location: Inside the frame for the multimedia system control head -E380-.

- Removing and installing, refer to **ACCESS/START AUTHORIZATION BUTTON -E408-**.
- 2. Electronic Steering Column Lock Control Module -J764-
 - Removing and installing, refer to **Removal and Installation** .
- 3. Passenger Side Exterior Door Handle
 - With the right front exterior door handle touch sensor -G606-.
 - Overview, refer to **KEYLESS ACCESS AUTHORIZATION SYSTEM OUTSIDE DOOR HANDLE OVERVIEW**.
- 4. Rear Passenger Side Exterior Door Handle
 - With the right rear exterior door handle touch sensor -G418-.
 - Overview, refer to **KEYLESS ACCESS AUTHORIZATION SYSTEM OUTSIDE DOOR HANDLE OVERVIEW**.
- 5. Comfort System Central Control Module -J393-
 - Component location: Behind the right side luggage compartment side trim panel.
 - Removing and installing, refer to **COMFORT SYSTEM CENTRAL CONTROL MODULE - J393-** .
- 6. Access/Start Authorization Antenna in Luggage Compartment -R137-
 - Component location: On the left side luggage compartment rear lid end panel.
 - Removing and installing, refer to **ACCESS/START AUTHORIZATION ANTENNA IN LUGGAGE COMPARTMENT -R137-**.
- 7. Central Locking and Anti-Theft Alarm System Antenna -R47-
 - Integrated inside the rear window.
 - Removing and installing, refer to **Removal and Installation** .
- 8. Rear Driver Side Exterior Door Handle
 - With the left rear exterior door handle touch sensor -G417-.
 - Overview, refer to **KEYLESS ACCESS AUTHORIZATION SYSTEM OUTSIDE DOOR HANDLE OVERVIEW**.
- 9. Left Access/Start Authorization Antenna -R200-
 - Component location: On the left rear door.
 - Removing and installing, refer to **LEFT ACCESS/START AUTHORIZATION ANTENNA - R200-**.
- 10. Driver's Side Exterior Door Handle
 - With the left front exterior door handle touch sensor -G605-.
 - Overview, refer to **KEYLESS ACCESS AUTHORIZATION SYSTEM OUTSIDE DOOR HANDLE OVERVIEW**.
- 11. Access/Start Authorization Antenna 1 in Vehicle Interior -R138-
 - Component location: Under the front of the center console.
 - Removing and installing, refer to **ACCESS/START AUTHORIZATION ANTENNA 1 IN VEHICLE INTERIOR -R138-**.

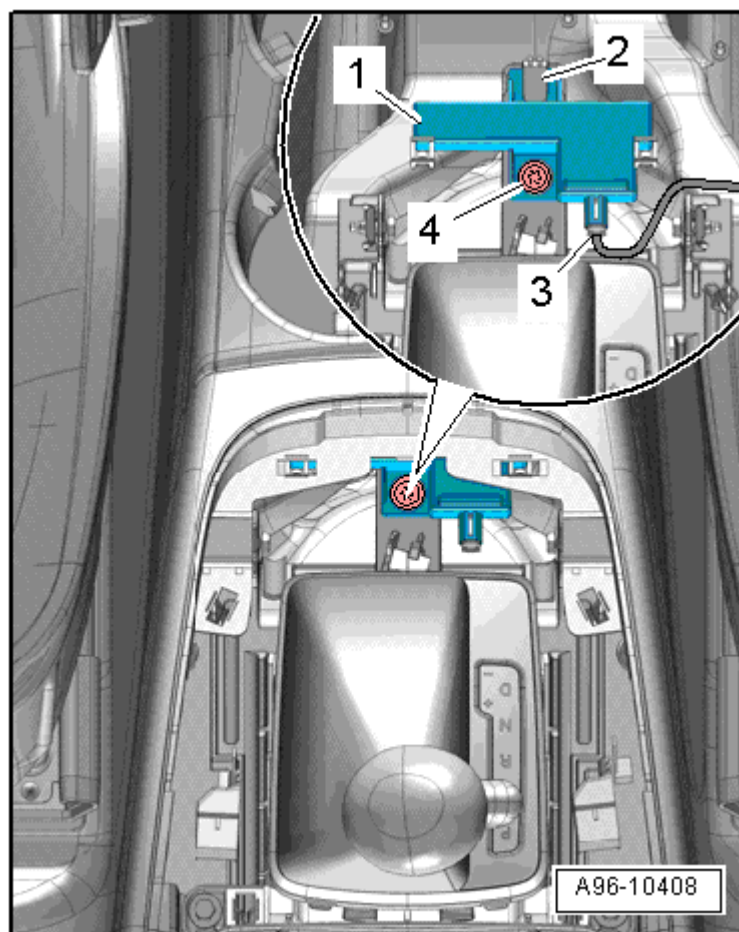


Fig. 12: Identifying Access/Start Authorization Antenna 1 In Vehicle Interior -R138-
Courtesy of AUDI OF AMERICA, LLC

1. Access/start authorization antenna 1 in vehicle interior
2. Mount
3. Electrical connector
4. Bolt - 2 Nm

LEFT ACCESS/START AUTHORIZATION ANTENNA BOLT TIGHTENING SPECIFICATION

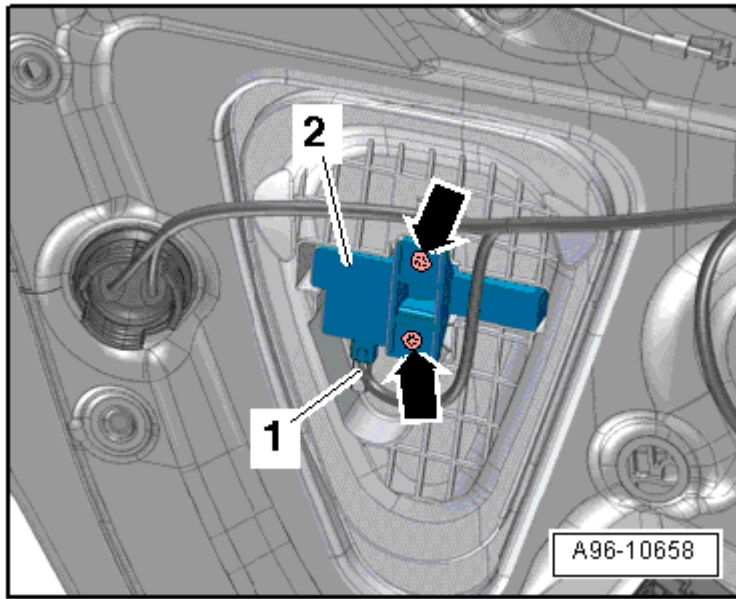


Fig. 13: Identifying Left Access/Start Authorization Antenna -R200-
 Courtesy of AUDI OF AMERICA, LLC

-- Tighten the bolts -arrows- for the left access/start authorization antenna to 2 Nm.

ACCESS/START AUTHORIZATION ANTENNA IN LUGGAGE COMPARTMENT BOLT TIGHTENING SPECIFICATION

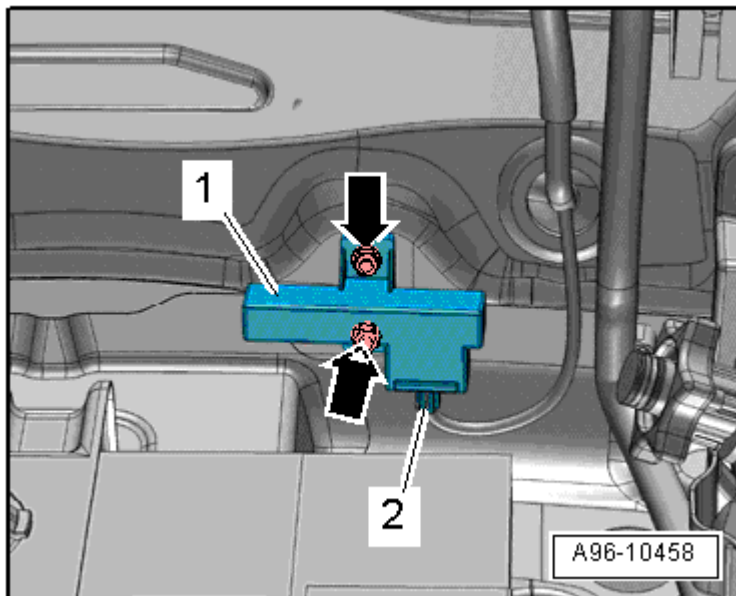


Fig. 14: Identifying Access/Start Authorization Antenna in Luggage Compartment -R137-
 Courtesy of AUDI OF AMERICA, LLC

-- Tighten the nuts -arrows- for the access/start authorization antenna in luggage compartment to 2 Nm.

KEYLESS ACCESS AUTHORIZATION SYSTEM OUTSIDE DOOR HANDLE OVERVIEW

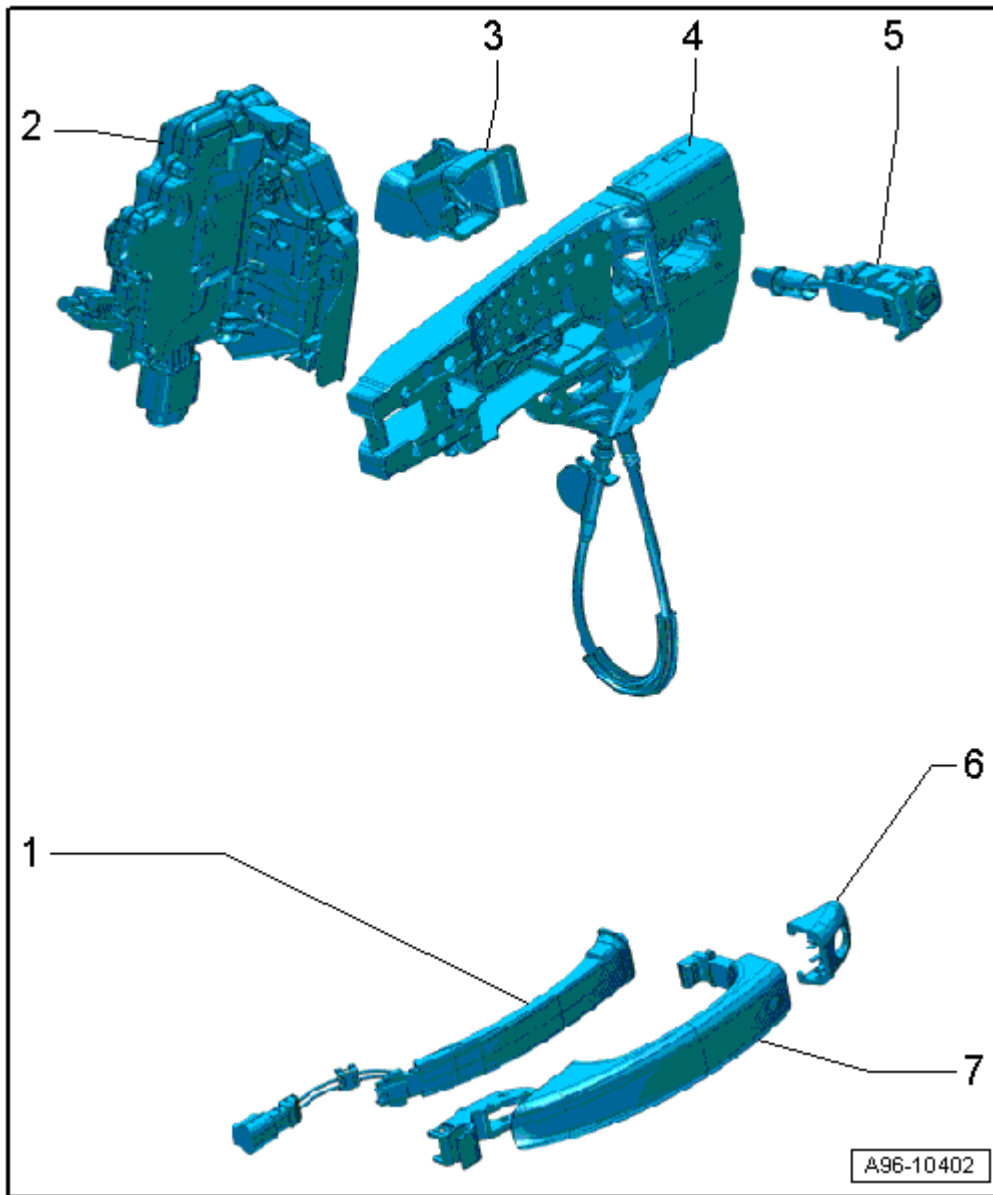


Fig. 15: Identifying Keyless Access Authorization System Outside Door Handle Overview
 Courtesy of AUDI OF AMERICA, LLC

1. Exterior Door Handle Touch Sensor
 - In the exterior door handle.

Front door:

- Left front exterior door handle touch sensor -G605-, right front exterior door handle touch sensor -G606-.
- Removing and installing, refer to **FRONT OUTSIDE DOOR HANDLE TOUCH SENSORS - G605- / -G606-**.

Rear door:

- Left rear exterior door handle touch sensor -G417-, right rear exterior door handle touch sensor -G418-.
- Removing and installing, refer to **REAR OUTSIDE DOOR HANDLE TOUCH SENSOR - G417- / -G418-**.

2. Door Lock

3. Guide

- For the lock cylinder.

4. Mounting Bracket

5. Lock Cylinder

- Only on the drivers side.

6. Cap

- Driver side for the lock cylinder.
- Passenger side, closed version.

7. Exterior Door Handle

ULTRASONIC INTERIOR MONITORING OVERVIEW

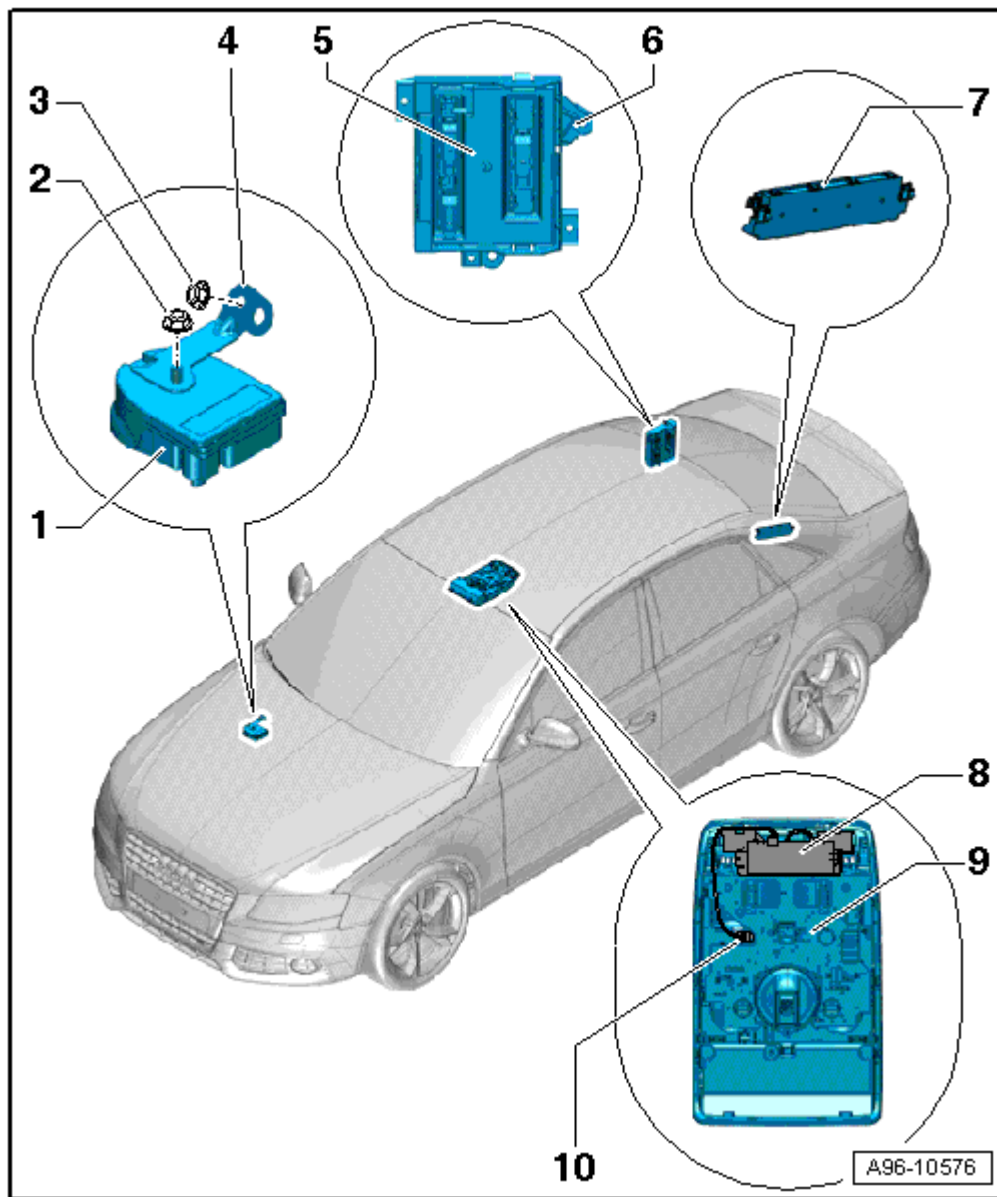


Fig. 16: Identifying Ultrasonic Interior Monitoring Overview
 Courtesy of AUDI OF AMERICA, LLC

1. Alarm Horn -H12-
 - Removing and installing, refer to **ALARM HORN**.
2. Nut
 - 5 Nm
3. Nut
 - 7 Nm
4. Bracket for the Alarm Horn
5. Comfort System Central Control Module -J393-
 - Removing and installing, refer to **COMFORT SYSTEM CENTRAL CONTROL MODULE -**

J393- .

6. Control Module Bracket
7. Central Locking and Anti-Theft Alarm System Antenna -R47-
 - Integrated inside the rear window.
 - Removing and installing, refer to **Removal and Installation** .
8. Anti-Theft Alarm System Sensor -G578-
 - Removing and installing, refer to **ANTI-THEFT ALARM SYSTEM SENSOR**.
9. Interior Lamps/Front Reading Lamps
10. Front Interior Monitoring Individual Sensor
 - can only be replaced together with the anti-theft alarm system sensor.

LANE CHANGE ASSISTANCE OVERVIEW

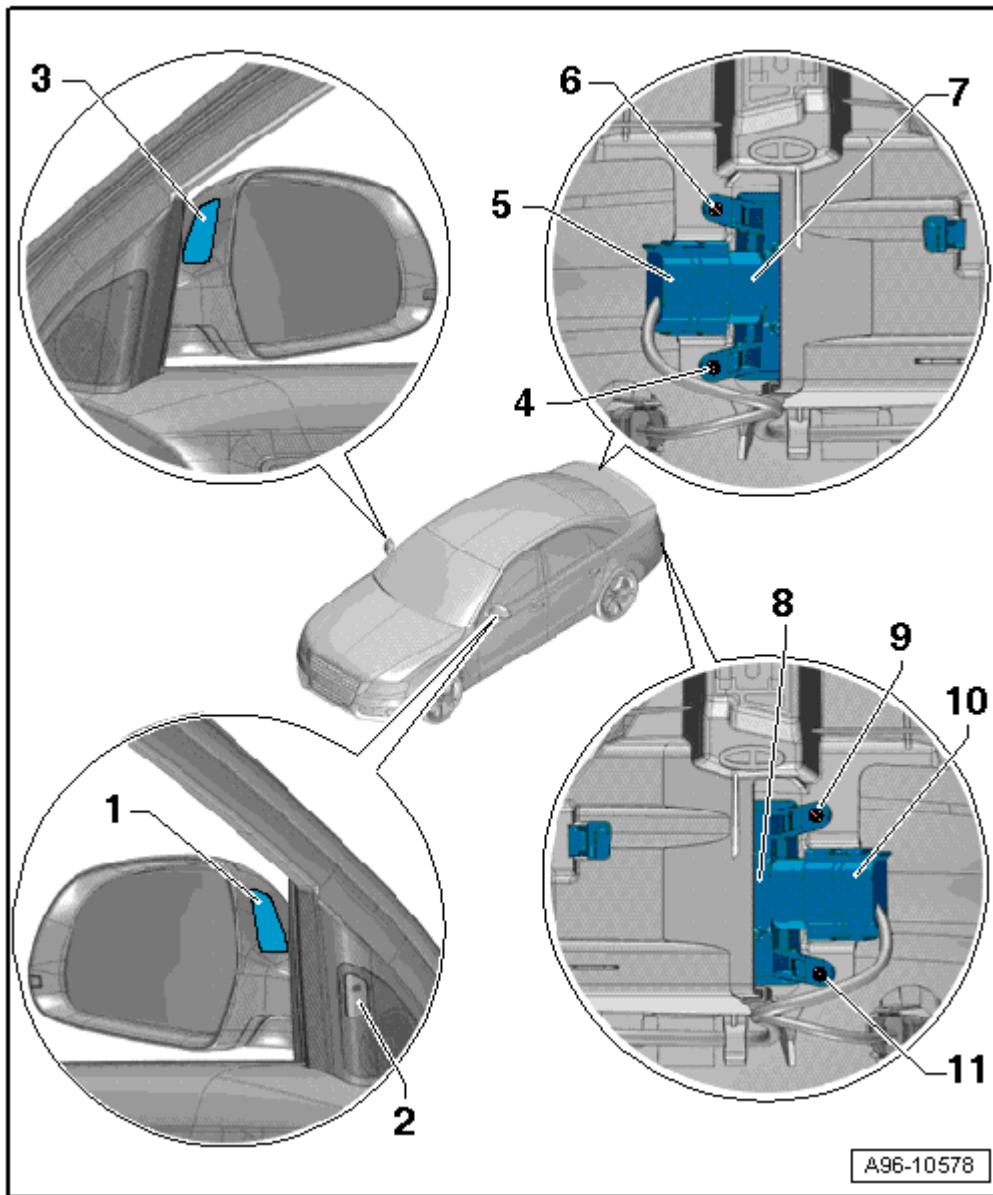


Fig. 17: Identifying Lane Change Assistance Overview

Courtesy of AUDI OF AMERICA, LLC

1. Lane Change Assistance Warning Lamp in Driver Exterior Rearview Mirror -K233-
 - Removing and installing, refer to one of the following:

LANE CHANGE ASSISTANCE WARNING LAMP IN EXTERIOR MIRRORS, THROUGH 05.09.

LANE CHANGE ASSISTANCE WARNING LAMP IN EXTERIOR MIRRORS, FROM 06.09.

2. Lane Change Assistance Button -E530-

- Removing and installing, refer to **LANE CHANGE ASSISTANCE BUTTON**.
3. Lane Change Assistance Warning Lamp in Front Passenger Exterior Rearview Mirror -K234-
- Removing and installing, refer to one of the following:

LANE CHANGE ASSISTANCE WARNING LAMP IN EXTERIOR MIRRORS, THROUGH 05.09.

LANE CHANGE ASSISTANCE WARNING LAMP IN EXTERIOR MIRRORS, FROM 06.09.

4. Screw
- 3.5 Nm
5. Electrical Connector
6. Screw
- 3.5 Nm
7. Lane Change Assistance Control Module -J769-
- Removing and installing, refer to **LANE CHANGE ASSISTANCE CONTROL MODULE**.
8. Lane Change Assistance Control Module 2 -J770-
- Removing and installing, refer to **LANE CHANGE ASSISTANCE CONTROL MODULE**.
9. Screw
- 3.5 Nm
10. Electrical Connector
11. Screw
- 3.5 Nm

SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Component	Fastener Size	Nm
Access/Start Authorization Antenna 1 to Body Bolt	-	2
Access/Start Authorization Antenna in Luggage Compartment to Body Bolt	-	2
Alarm Horn to Body Bolt ⁽¹⁾	-	5
	-	7
Front Interior/Reading Lamp to Roof Bolt	-	1.6
Headlamp Assistant to Interior Rearview Mirror Bolt	-	2.4
Lane Change Assistance Control Module to Body Screw	-	3.5
Left Access/Start Authorization Antenna to Body Bolt	-	2
Sunroof Adjustment Regulator to Front Interior/Reading Lamp Bolt	-	1

(1) For bolt clarification, refer to -items 2 and 3- in **ULTRASONIC INTERIOR MONITORING OVERVIEW**.

REMOVAL AND INSTALLATION

ACCESS/START AUTHORIZATION SYSTEM

ACCESS/START AUTHORIZATION ANTENNA IN LUGGAGE COMPARTMENT -R137-

Removing

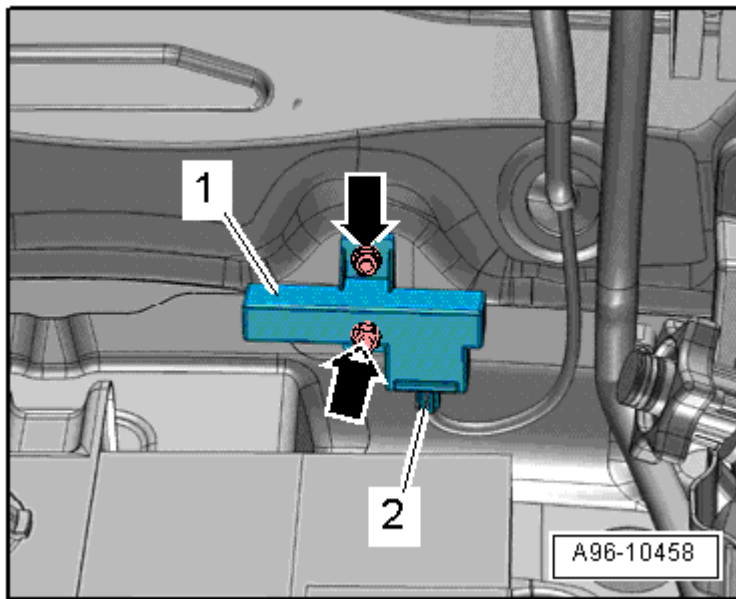


Fig. 18: Identifying Access/Start Authorization Antenna in Luggage Compartment -R137-
Courtesy of AUDI OF AMERICA, LLC

- Fold up the luggage compartment floor.
- Depending on the equipment, the vehicle tool kit mount may have to be removed.
- Avant: Remove the spare wheel well trim. Refer to **Removal and Installation** .
- Remove the nuts -arrows-.
- Remove the access/start authorization antenna in luggage compartment -item 1-.
- Disconnect the electrical connector -2-.

Installing

- Tightening specification, refer to **ACCESS/START AUTHORIZATION ANTENNA IN LUGGAGE**

COMPARTMENT BOLT TIGHTENING SPECIFICATION.

Install in reverse order of removal. Note the following:

-- Avant: Install the spare wheel well trim. Refer to **Removal and Installation** .

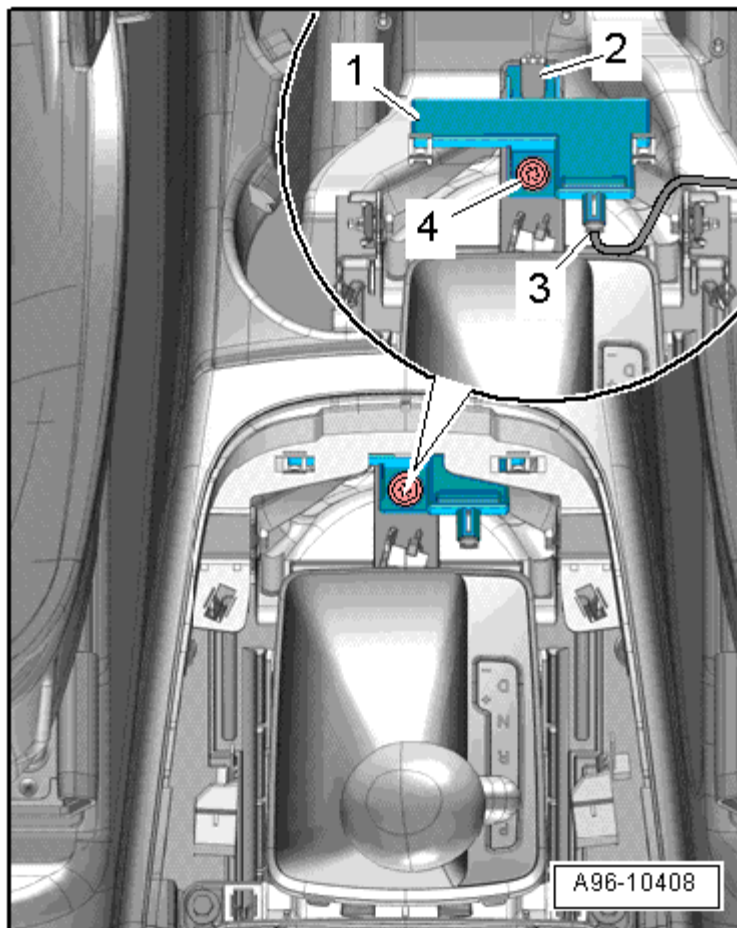
ACCESS/START AUTHORIZATION ANTENNA 1 IN VEHICLE INTERIOR -R138-**Removing**

Fig. 19: Identifying Access/Start Authorization Antenna 1 In Vehicle Interior -R138-
Courtesy of AUDI OF AMERICA, LLC

Vehicles with Multi Media Interface (MMI) Basic Equipment

-- Remove the center console cover. Refer to **Removal and Installation** .

Vehicles with MMI Comfort Equipment

-- Remove the multimedia system control head -E380-. Refer to **Removal and Installation** .

Continuation for All Vehicles

- Disconnect the electrical connector -3-.
- Remove the bolt -4-.
- Remove the access/start authorization antenna 1 in vehicle interior -item 1-.

Installing

- Tightening specification, refer to **ACCESS/START AUTHORIZATION ANTENNA 1 IN VEHICLE INTERIOR BOLT TIGHTENING SPECIFICATION**.

Install in reverse order of removal, observing the following:

- When installing, make sure the access/start authorization antenna 1 in vehicle interior engages in the mount -2-.

Vehicles with MMI Basic Equipment

- Install the center console cover. Refer to **Removal and Installation** .

Vehicles with MMI Comfort Equipment

- Install the multimedia system control head. Refer to **Removal and Installation** .

FRONT OUTSIDE DOOR HANDLE TOUCH SENSORS -G605- / -G606-

Removing

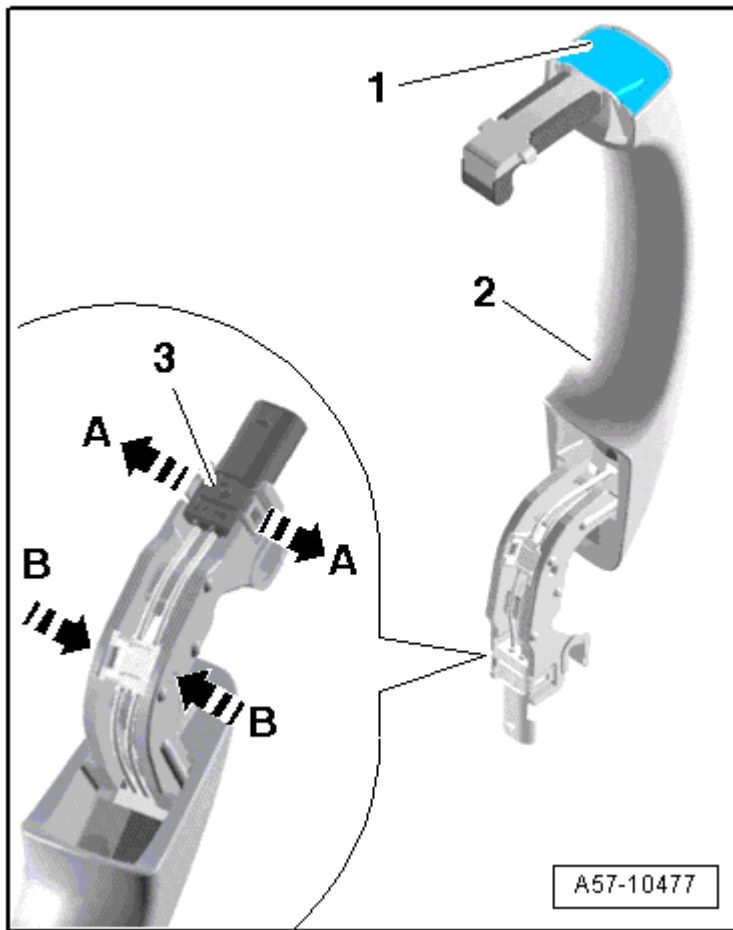


Fig. 20: Identifying Rear Outside Door Handle Touch Sensor -G417- / -G418-
Courtesy of AUDI OF AMERICA, LLC

- Remove the outside door handle. Refer to **Removal and Installation** .
- Release the retaining tabs -A arrows- and remove the electrical connector -3-.
- Carefully release the retaining hooks -B arrows- using a small screwdriver and remove the wiring guide.

NOTE: Ignore items -1 and 2-.

- Position a large crewdriver on the outside door handle as illustrated.

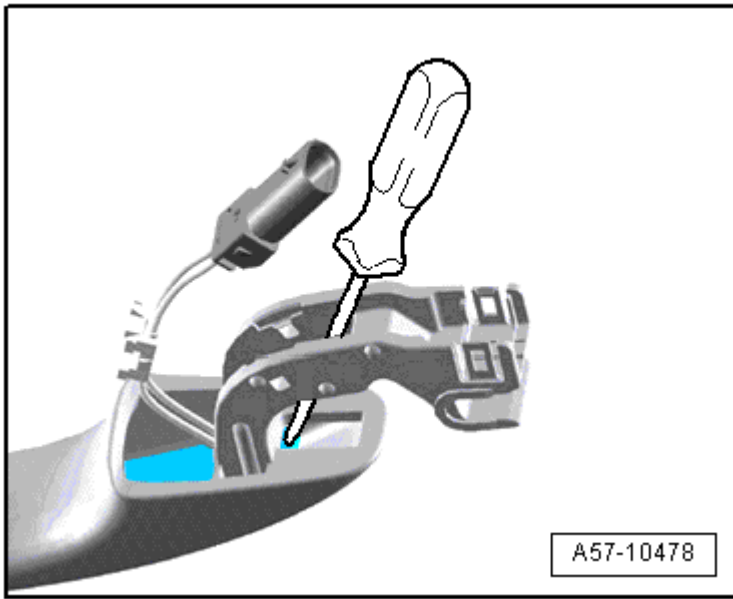


Fig. 21: Positioning Large Screwdriver On Outside Door Handle
Courtesy of AUDI OF AMERICA, LLC

- Remove the exterior door handle touch sensor forward from the exterior door handle using force.
- Remove the outside door handle touch sensor from the handle.

Installing

Install in reverse order of removal, observing the following:

- Slide the outside door handle touch sensor in until it engages audibly.
- Install the outside door handle. Refer to **Removal and Installation** .

LEFT ACCESS/START AUTHORIZATION ANTENNA -R200-

Removing

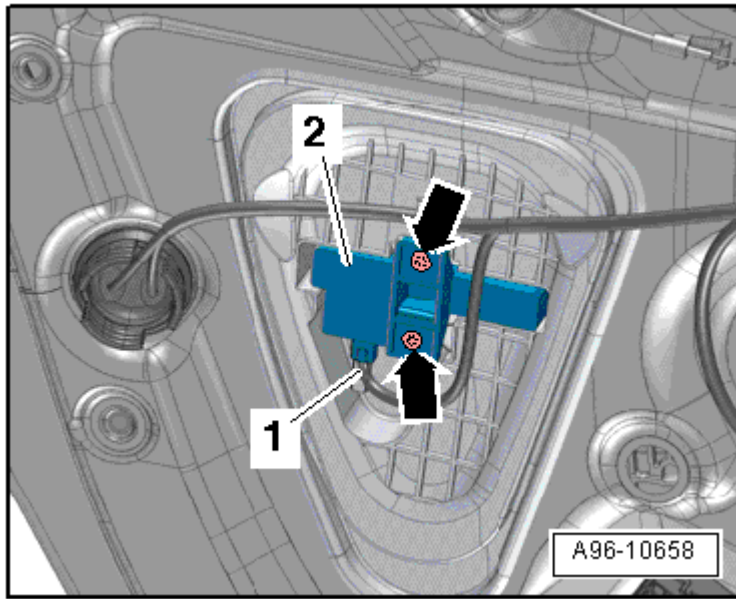


Fig. 22: Identifying Left Access/Start Authorization Antenna -R200-
Courtesy of AUDI OF AMERICA, LLC

- Remove the rear door trim. Refer to **Removal and Installation** .
- Remove the bolts -arrows- and the left access/start authorization antenna -item 2-.
- Disconnect the electrical connector -1-.

Installing

- Tightening specification, refer to **LEFT ACCESS/START AUTHORIZATION ANTENNA BOLT TIGHTENING SPECIFICATION**.

Install in reverse order of removal, observing the following:

- Install the rear door trim. Refer to **Removal and Installation** .

REAR OUTSIDE DOOR HANDLE TOUCH SENSOR -G417- / -G418-

Removing

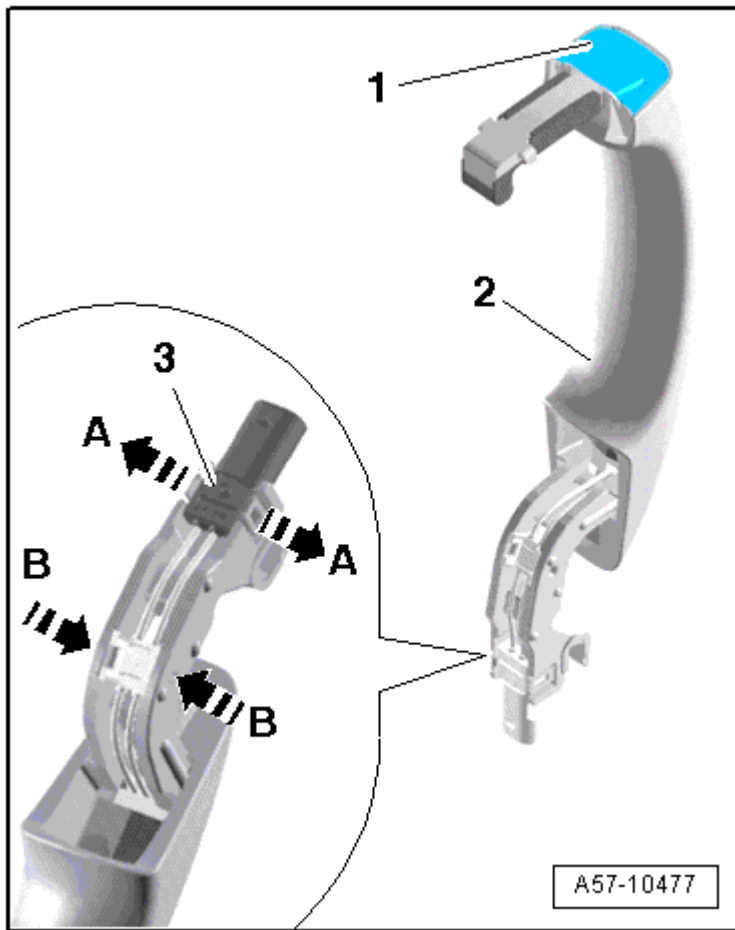


Fig. 23: Identifying Rear Outside Door Handle Touch Sensor -G417- / -G418-
Courtesy of AUDI OF AMERICA, LLC

- Remove the outside door handle. Refer to **Removal and Installation** .
- Release the retaining tabs -A arrows- and remove the electrical connector -3-.
- Carefully release the retaining hooks -B arrows- using a small screwdriver and remove the wiring guide.

NOTE: Ignore items -1 and 2-.

- Position a large screwdriver on the outside door handle as illustrated.

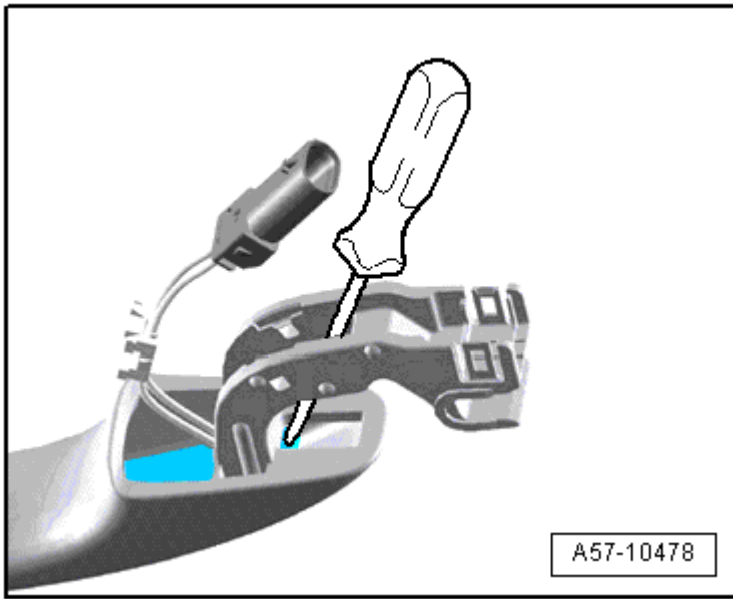


Fig. 24: Positioning Large Screwdriver On Outside Door Handle
Courtesy of AUDI OF AMERICA, LLC

- Remove the exterior door handle touch sensor forward from the exterior door handle using force.
- Remove the outside door handle touch sensor from the handle.

Installing

Install in reverse order of removal, observing the following:

- Slide the outside door handle touch sensor in until it engages audibly.
- Install the outside door handle. Refer to **Removal and Installation** .

FRONT DOOR LAMPS AND SWITCHES

CENTRAL LOCKING -SAFE- INDICATOR LAMP

Removing

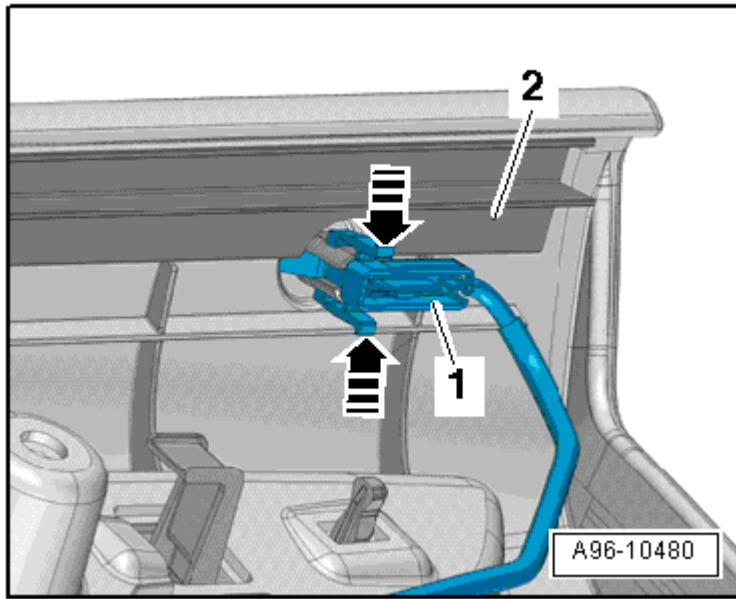


Fig. 25: Identifying Central Locking -SAFE- Indicator Lamp
Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Remove the front door trim. Refer to **Removal and Installation** .
- Release the retaining clips -arrows-.
- Remove the central locking Light Emitting Diode (LED) -1- down out of the door trim -2-.

Installing

Install in reverse order of removal, observing the following:

NOTE: **The new central locking -SAFE- indicator lamp -K133- must be connected with the door trim wiring harness.**

- Disconnect the electrical wire and connect it with the new 0.25 mm² electrical wire for the central locking -SAFE- indicator lamp. Refer to **General Information** .
- Slide the central locking LED in until it engages audibly.
- Install the front door trim. Refer to **Removal and Installation** .

DOOR CONTACT SWITCHES

The door contact switch is located in the door lock and cannot be replaced individually when faulty. Refer to one of the following:

-- Front door lock removing and installing. Refer to **Removal and Installation** .

-- Rear door lock removing and installing. Refer to **Removal and Installation** .

DOOR OPENER ILLUMINATION BULB

Removing

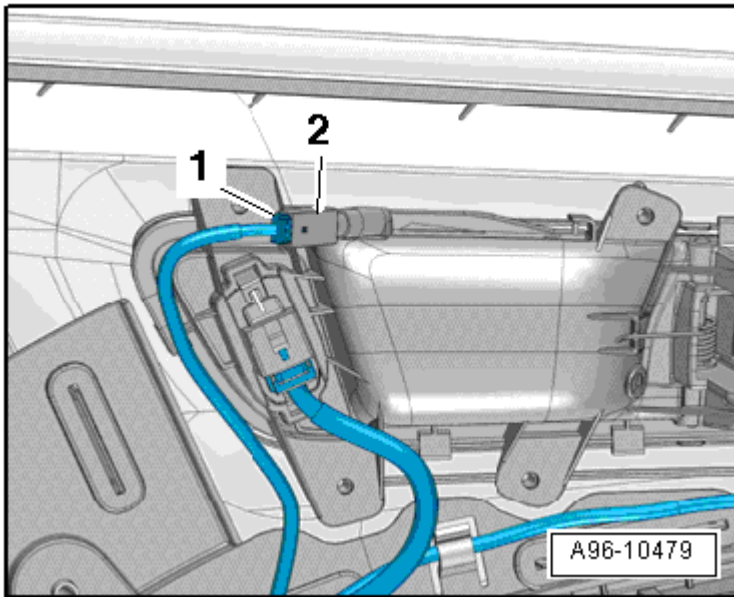


Fig. 26: Identifying Rear Door Opener Illumination Bulb, Removal
Courtesy of AUDI OF AMERICA, LLC

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

-- Disconnect the electrical connector -1-.

-- Turn the bulb socket -2- to the left and remove it from the door opener.

Installing

Install in reverse order of removal, observing the following:

-- Insert the door opener illumination bulb into the opening and engage.

-- Install front door trim. Refer to **Removal and Installation** .

DRIVER MEMORY SEAT CONTROL HEAD

Removing

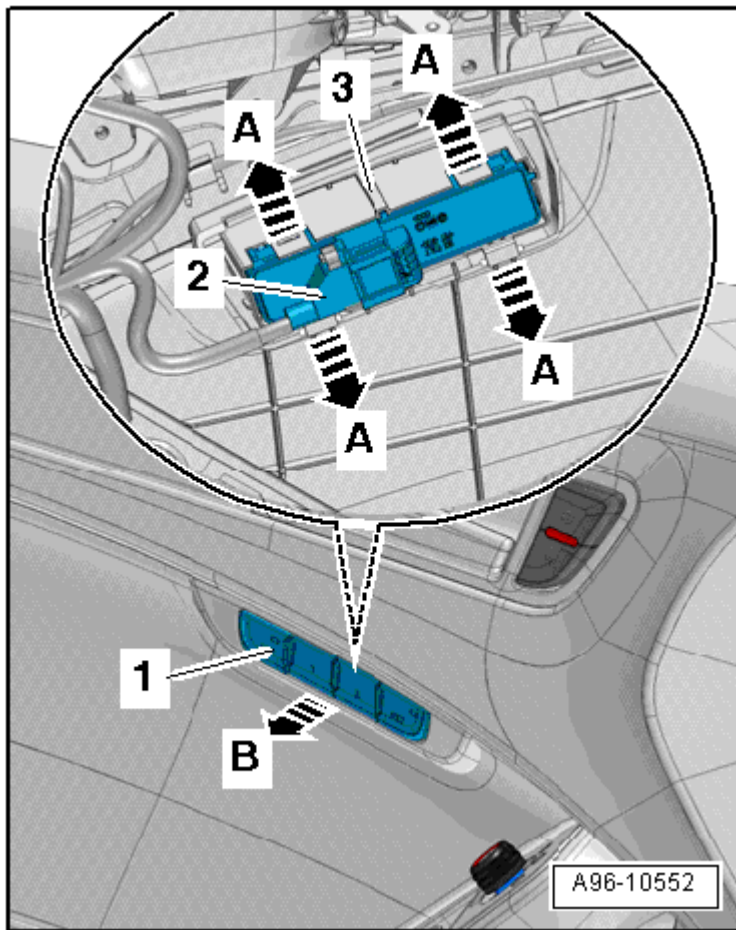


Fig. 27: Identifying Driver Memory Seat Control Head
 Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Remove the front door trim. Refer to **Removal and Installation** .
- Disconnect the electrical connector -2-.
- Carefully release the retaining hooks -A arrows- using a small screwdriver.
- Press the driver memory seat control head -E97- -item 1- out of the switch mount -3-.

Installing

Install in reverse order of removal, observing the following:

- Press the driver memory seat control head into the switch mount until the retaining hooks engage.
- Install the front door trim. Refer to **Removal and Installation** .

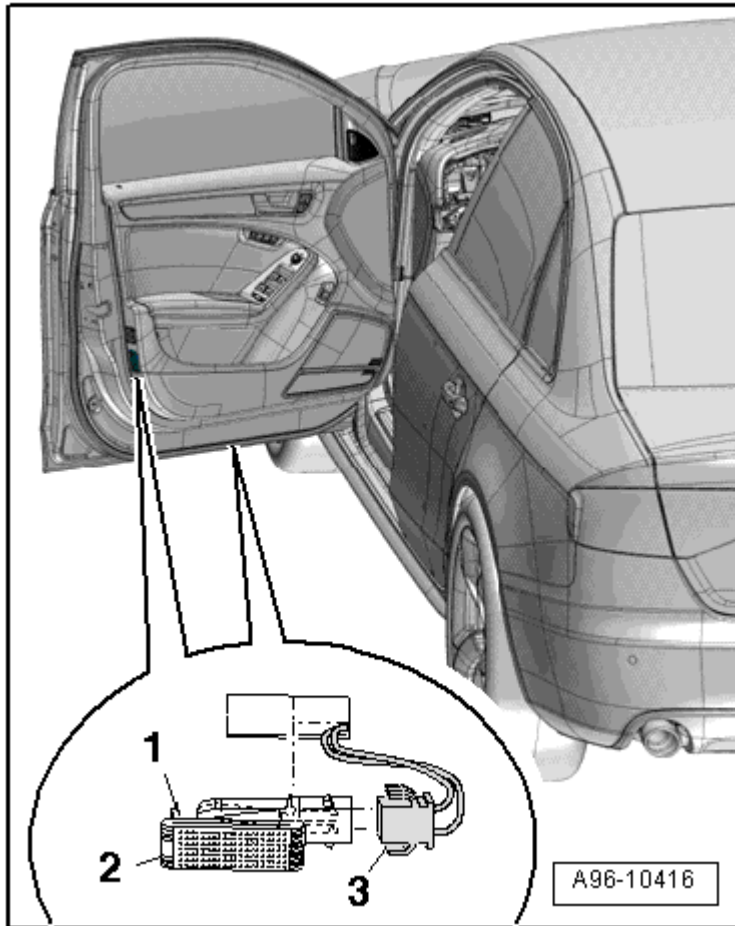
FRONT ENTRY AND DOOR WARNING LAMP BULB**Removing**

Fig. 28: Identifying Front Entry and Door Warning Lamp Bulb

Courtesy of AUDI OF AMERICA, LLC

-- Press the retaining tab -1- in using a flat bladed screwdriver and pry the door warning lamp or entry lamp -2- out.

-- Disconnect the electrical connector -3-.

Door Warning Lamp

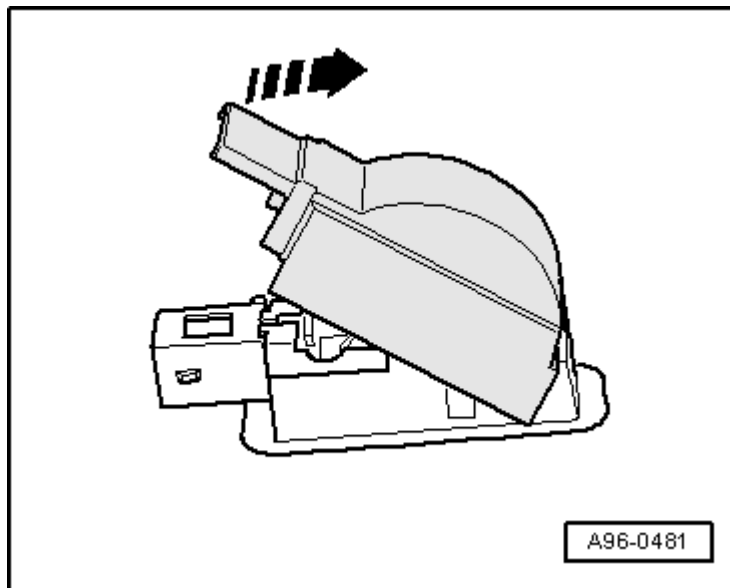


Fig. 29: Prying Off Cover On Door Safety Lamp
Courtesy of AUDI OF AMERICA, LLC

-- Carefully pry the cover over the lamp out -arrow-.

Entry Lamp

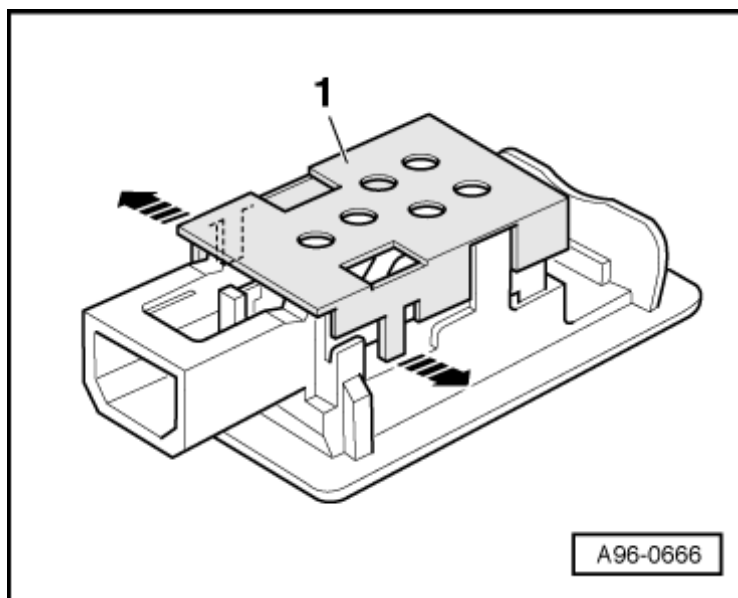


Fig. 30: Releasing Clips And Pulling Cover Off Above Light Bulb
Courtesy of AUDI OF AMERICA, LLC

-- Release the retaining clips -arrows- and remove the cover -1- over the bulb.

Continuation for All Lamps

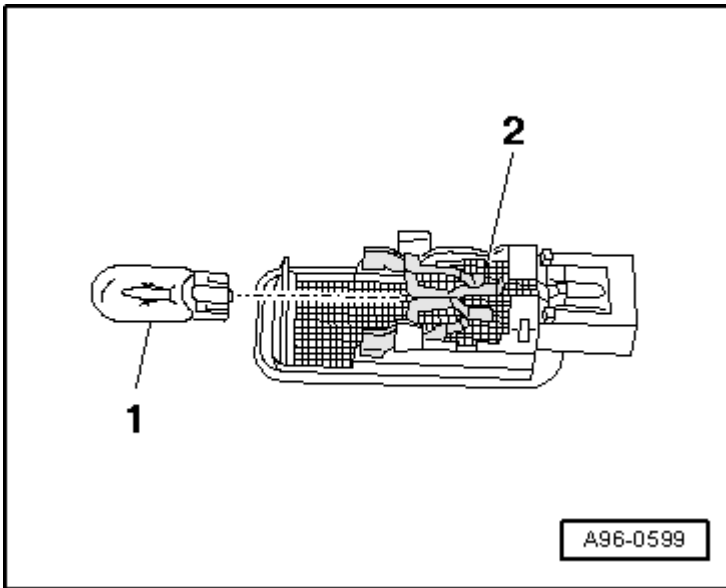


Fig. 31: Identifying Door Safety Light/Entry Light Bulb
Courtesy of AUDI OF AMERICA, LLC

-- Remove the bulb -1- on the rear side of the lamp from the socket -2-.

Installing

Install in reverse order of removal, observing the following:

- Place the cover on the lamp.
- Insert the door warning lamp or entry lamp into the opening and engage it on the opposite side.

INTERIOR LOCKING SWITCHES

Removing

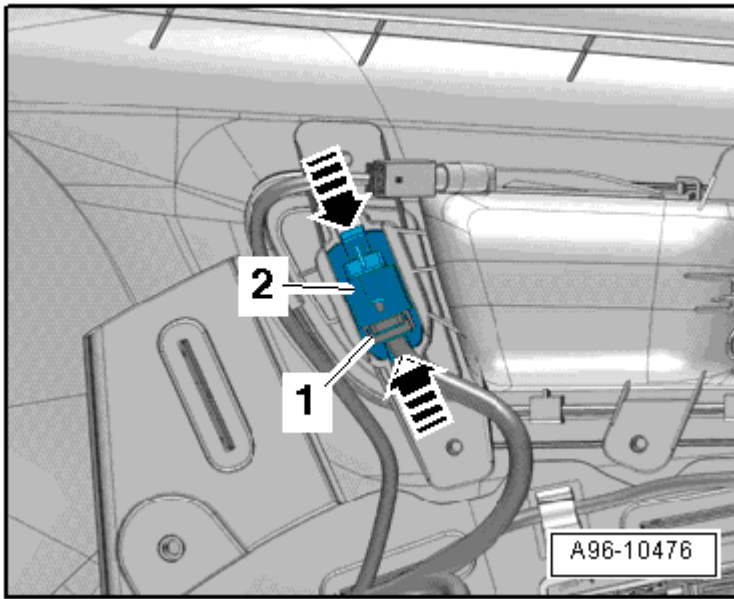


Fig. 32: Identifying Rear Interior Locking Switches, Removal
Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Remove the front door trim. Refer to **Removal and Installation** .
- Disconnect the electrical connector -1-.
- Release the retaining clips -arrows- and press the interior locking button -2- out of the door trim.

Installing

Install in reverse order of removal, observing the following:

- Press the interior locking button into the switch mount until the retaining hooks engage.
- Install the front door trim. Refer to **Removal and Installation** .

MIRROR ADJUSTING SWITCH

Removing

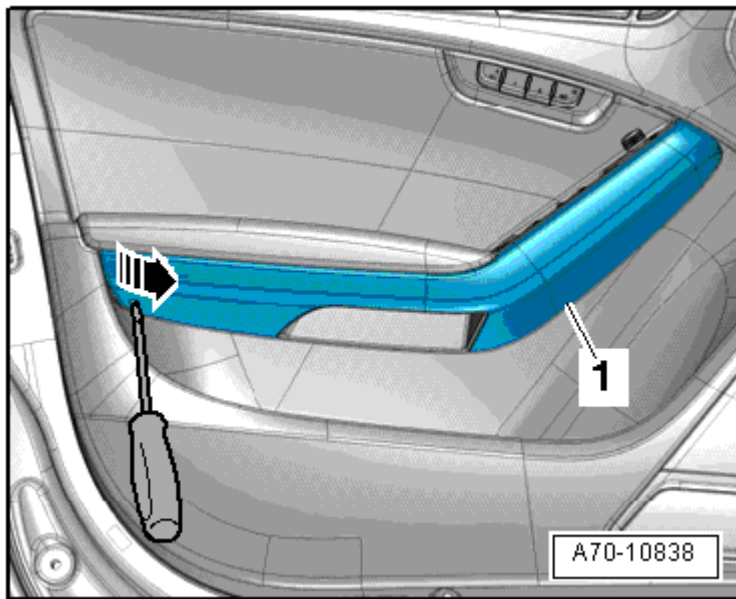


Fig. 33: Inserting Screwdriver Into Hole On Bottom Of Trim
Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Insert a screwdriver in the hole at the bottom of the trim -1-.
- Beginning at the rear, carefully pry the trim out of the door trim -arrow-.
- Disconnect the electrical connector -3-.

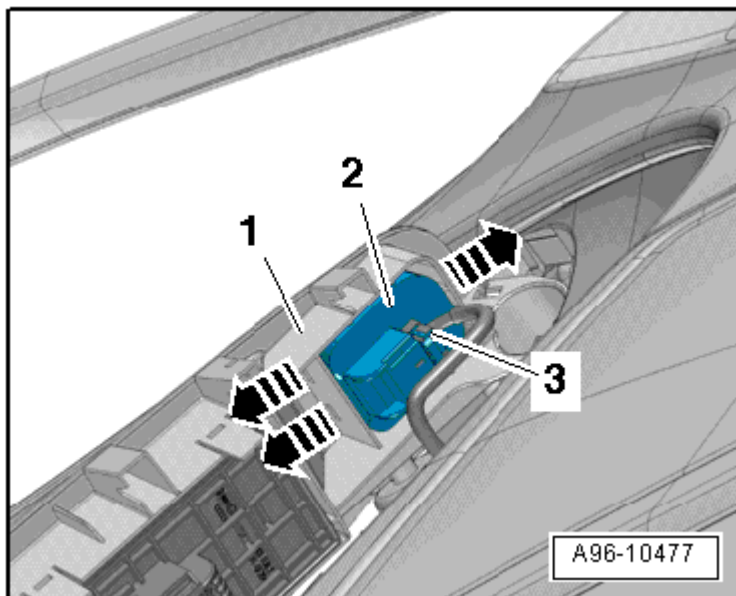


Fig. 34: Disconnecting Electrical Connector
Courtesy of AUDI OF AMERICA, LLC

-- Carefully release the retaining hooks -arrows- using a small screwdriver.

-- Press the mirror adjusting switch -2- out of the switch mount -1-.

Installing

Install in reverse order of removal, observing the following:

NOTE: When installing, ensure the symbol panel is inserted in front of the mirror adjustment switch.

-- Press the mirror adjustment switch into the switch mount until the catches engage.

-- Install the armrest trim. Refer to Removal and Installation .

REAR LID REMOTE UNLOCK SWITCH

Removing

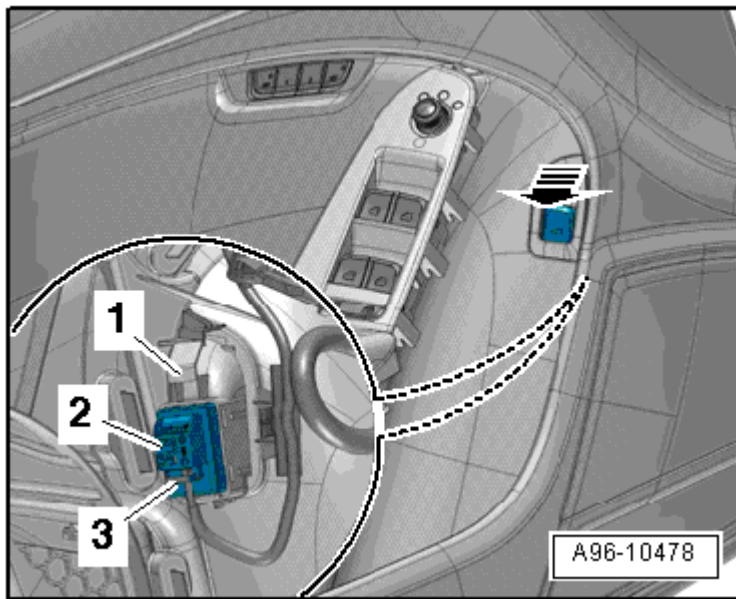


Fig. 35: Identifying Rear Lid Remote Unlock Switch -E188- Trim
Courtesy of AUDI OF AMERICA, LLC

-- Turn off the ignition and remove the ignition key.

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

-- Disconnect the electrical connector -3- from the rear lid remote unlock switch.

-- Release the retaining clip -1- and press the trim -2- with the rear lid remote unlock switch out of the door trim -arrow-.

-- Carefully release the retaining hooks -arrows- using a small screwdriver.

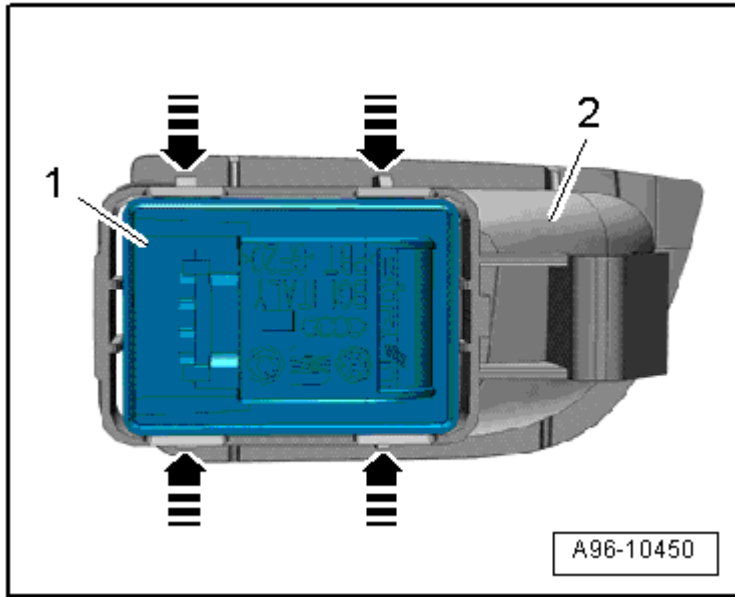


Fig. 36: Releasing Retaining Hooks -Arrows- Using A Small Screwdriver
Courtesy of AUDI OF AMERICA, LLC

-- Remove the rear lid remote unlock switch -1- back out of the trim -2-.

Installing

Install in reverse order of removal, observing the following:

- Press the trim -2- with the rear lid remote unlock switch into the mount until the retaining hooks engage.
- Install front door trim. Refer to **Removal and Installation** .

WINDOW REGULATOR SWITCH

Removing

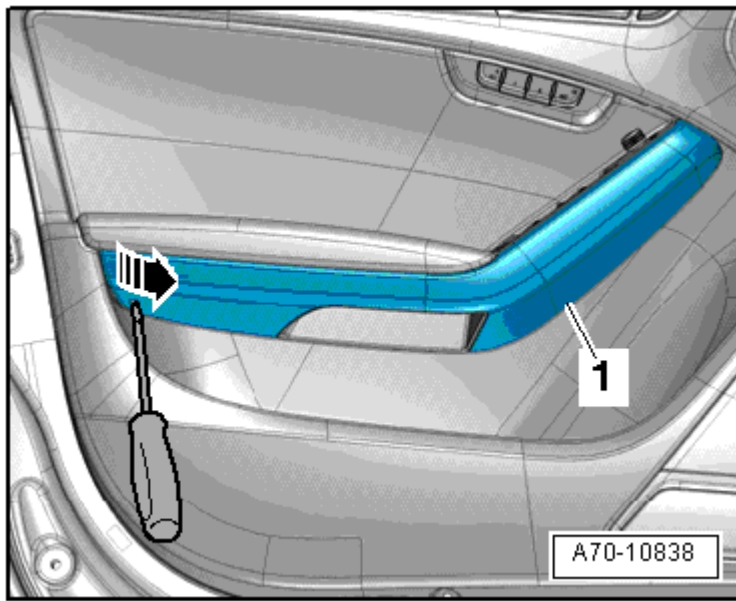


Fig. 37: Inserting Screwdriver Into Hole On Bottom Of Trim
Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Insert a screwdriver in the hole at the bottom of the trim -1-.
- Beginning at the rear, carefully pry the trim out of the door trim -arrow-.
- Disconnect the electrical connector -3-.

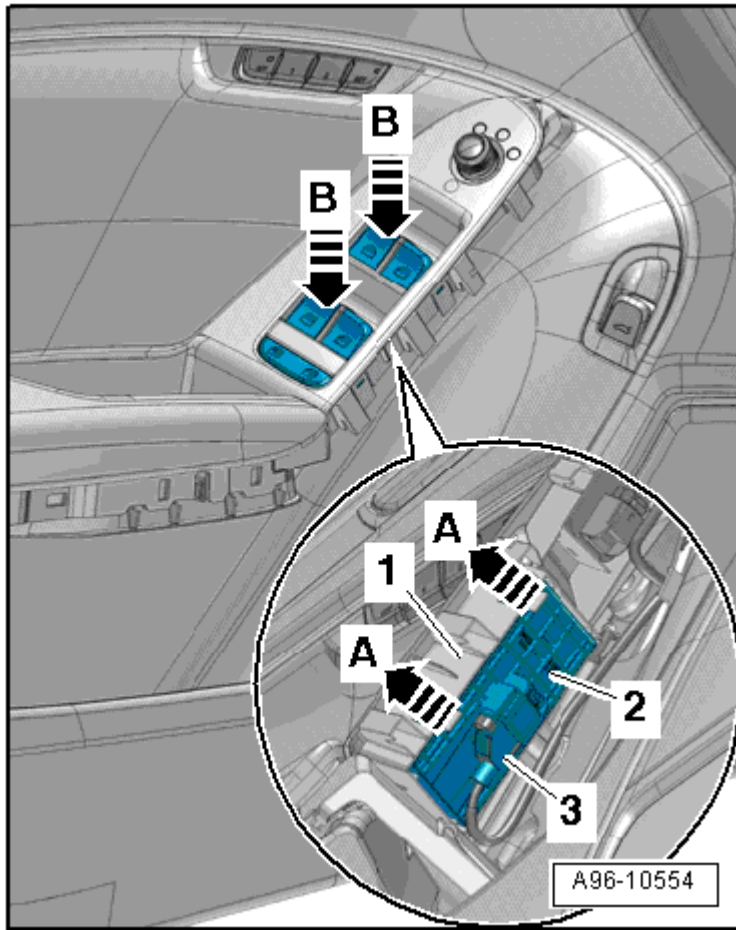


Fig. 38: Carefully Pulling Retaining Tabs To Side -A Arrows-
 Courtesy of AUDI OF AMERICA, LLC

- Carefully pull the retaining tabs to the side -A arrows-.
- Press the window regulator switch -2- out of the switch mount -1- -B arrows-.

Installing

Install in reverse order of removal, observing the following:

- Press window regulator switch into switch mount until fasteners engage.
- Install the armrest trim. Refer to **Removal and Installation** .

FRONT SEAT AND LUGGAGE COMPARTMENT LAMPS AND SWITCHES

LUGGAGE COMPARTMENT LAMP

Removing

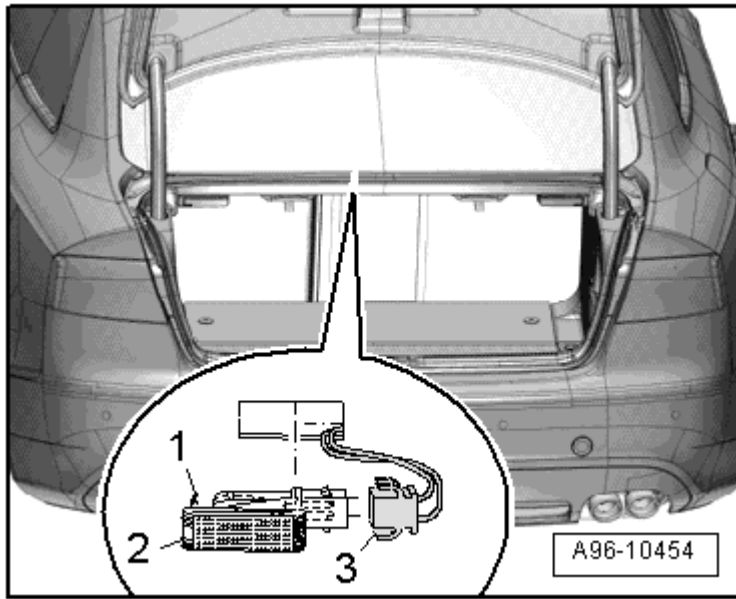


Fig. 39: Identifying Electrical Connector -3- Remains Connected
Courtesy of AUDI OF AMERICA, LLC

- Press the retaining tab -1- in with a flat bladed screwdriver and pry the luggage compartment lamp -2- out.
- Disconnect the electrical connector -3-.
- Remove the bulb -1- on the rear side of the luggage compartment lamp from the socket -2-.

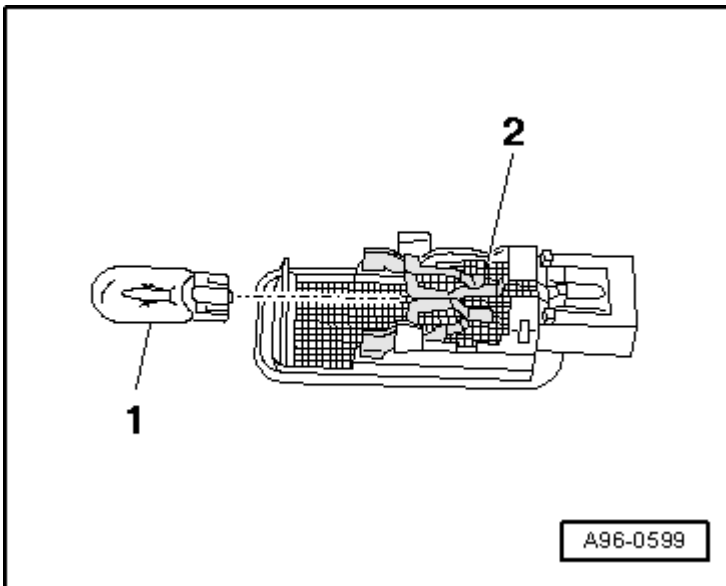


Fig. 40: Identifying Door Safety Light/Entry Light Bulb
Courtesy of AUDI OF AMERICA, LLC

Installing

Install in reverse order of removal, observing the following:

- Connect the electrical connector.
- Insert the luggage compartment lamp into the opening and engage on opposite side.

REAR FOOTWELL LAMPS

Removing

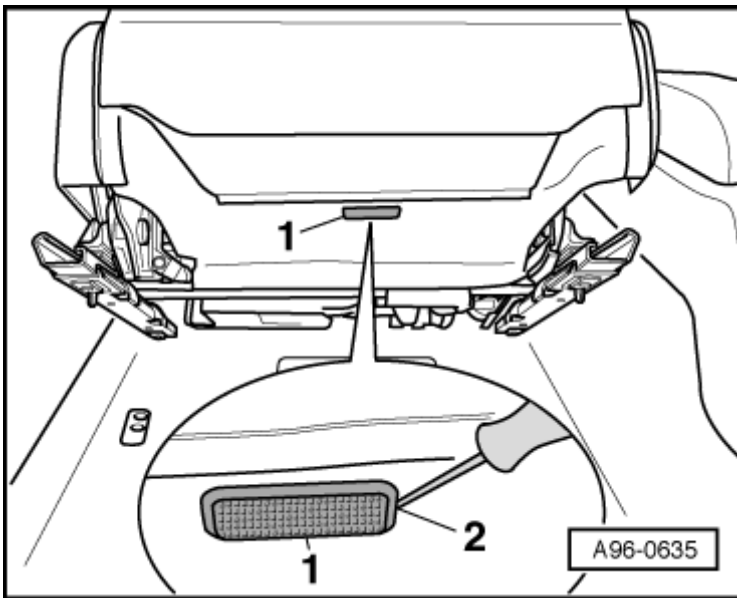


Fig. 41: Pressing In Catch Using A Flat Screwdriver And Pry Out Footwell Lamp
Courtesy of AUDI OF AMERICA, LLC

- Use a flat bladed screwdriver to press in the retainer tab -2- and lift out the footwell lamp -1-.
- Disconnect the electrical connector.

Installing

Install in reverse order of removal, observing the following:

NOTE: The entire footwell lamp must be replaced if a Light Emitting Diode (LED) is faulty.

- Insert the footwell lamp into the opening and engage on opposite side.

REAR LID CONTACT SWITCH

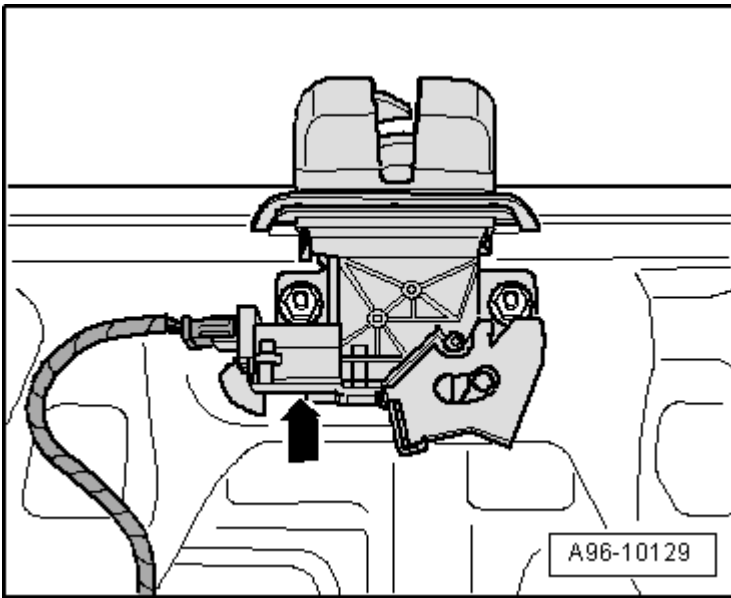


Fig. 42: Identifying Rear Lid Contact Switch
 Courtesy of AUDI OF AMERICA, LLC

The rear lid contact switch -arrow- is located in the rear lid lock and cannot be replaced separately if faulty.

-- Rear lid lock removing and installing. Refer to **Removal and Installation** .

LANE CHANGE ASSISTANCE

LANE CHANGE ASSISTANCE BUTTON

Removing

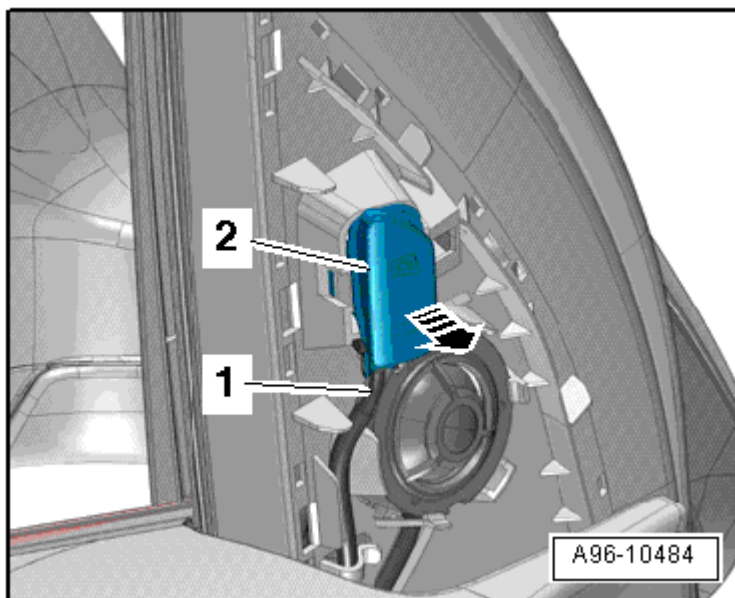


Fig. 43: Identifying Lane Change Assistance Button

Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Remove the treble speaker trim. Refer to **Removal and Installation** .
- Remove the lane change assistance button -E530- -item 2- from the retainer -arrow-.
- Disconnect the electrical connector -1-.

Installing

Install in reverse order of removal, observing the following:

- Install the treble speaker trim. Refer to **Removal and Installation** .

LANE CHANGE ASSISTANCE WARNING LAMP IN EXTERIOR MIRRORS, THROUGH 05.09

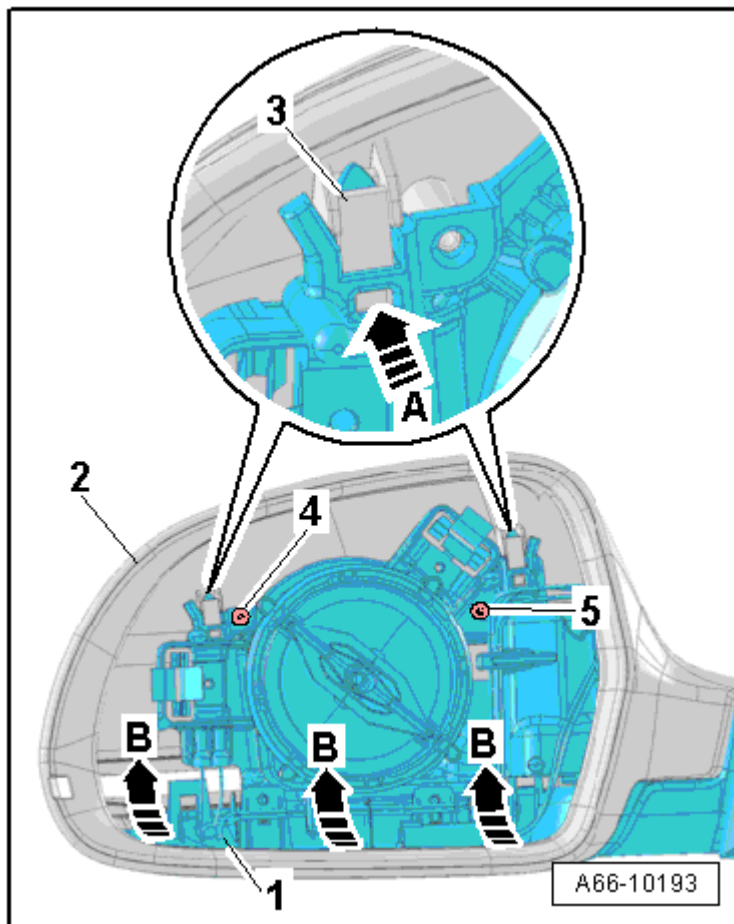
Removing

Fig. 44: Releasing Retaining Tabs, Retaining Clips & Removing Exterior Rearview Mirror Housing From Cover

Courtesy of AUDI OF AMERICA, LLC

-- Remove the mirror glass. Refer to **Removal and Installation** .

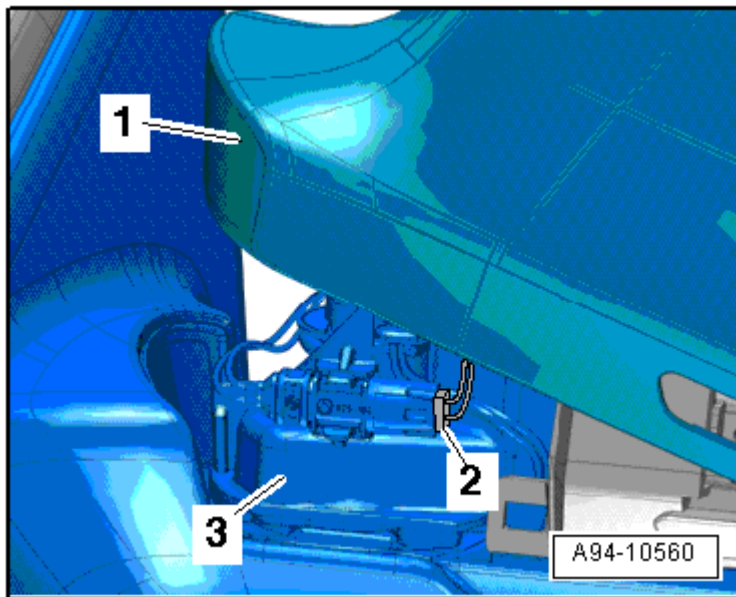
NOTE: To protect the paint in the area around the mirror housing, tape it off with a soft cloth.

-- Remove the screws -4 and 5-.

-- Release the retaining tabs -3- in the -direction of arrow A-.

-- Release the retaining clip -1- and remove the exterior rearview mirror housing -2- from the cover -B arrows-.

-- Press the mirror adjusting unit down and pull the exterior rearview mirror housing -1- upward slightly.

**Fig. 45: Identifying Exterior Rearview Mirror Housing, Lane Change Assist Warning Lamp Electrical Connector & Mirror Adjusting Unit Mount**

Courtesy of AUDI OF AMERICA, LLC

-- Disconnect the electrical connector -2- for the lane change assist warning lamp on the front side of the mirror adjusting unit mount -3-.

-- Pull the exterior mirror housing upward and disconnect the electrical connector -3-.

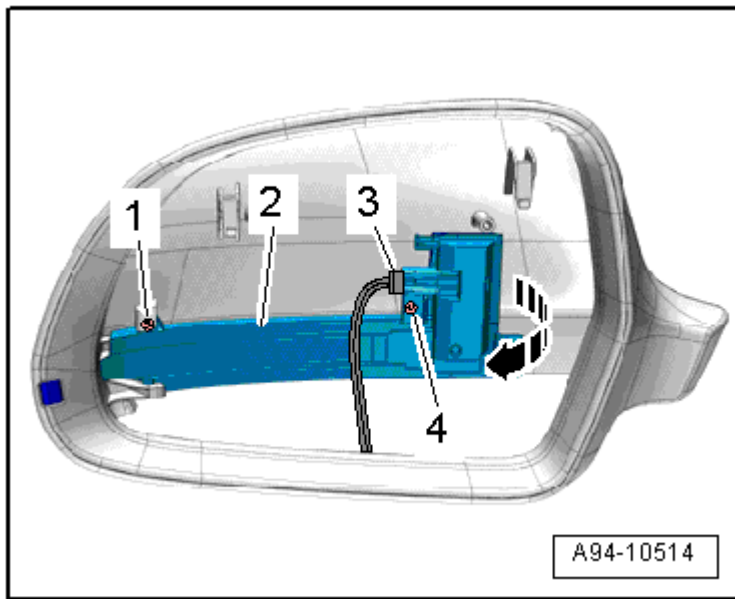


Fig. 46: Identifying Bolts, Turn Signal Housing, Exterior Rearview Mirror Turn Signal Electrical Connector & Exterior Rearview Mirror Housing
Courtesy of AUDI OF AMERICA, LLC

NOTE: Ignore items -1, 2 and 4- and the -arrow-.

-- Release the retaining tabs -A arrows- and press the lane change assist warning lamp -1- out of the exterior rearview mirror housing -2- -arrow B-.

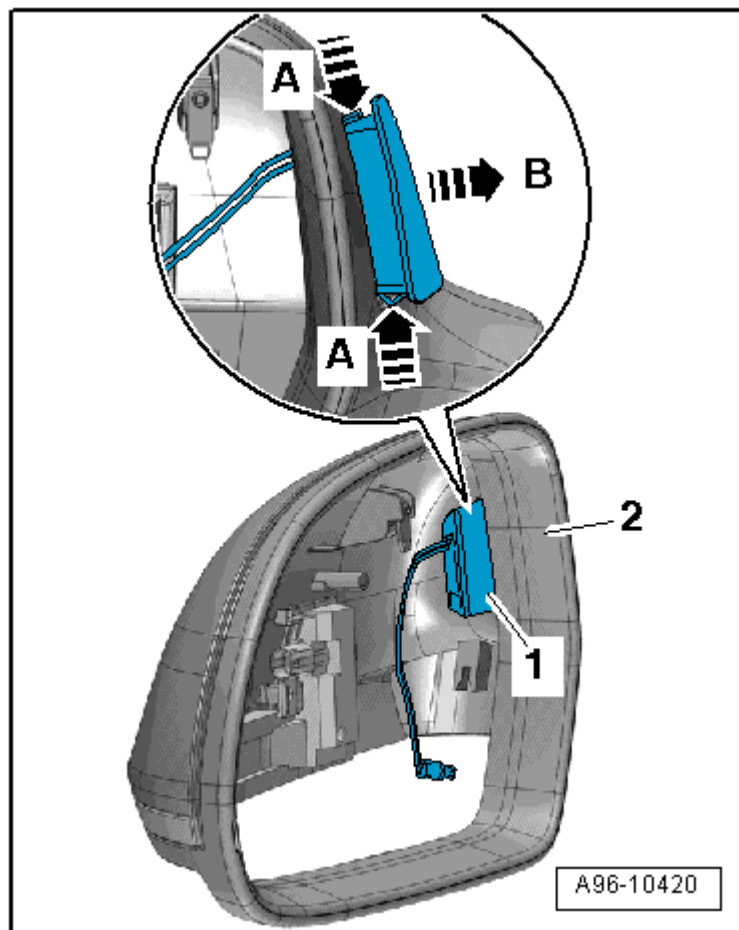


Fig. 47: Releasing Retaining Tabs And Pressing Lane Change Assist Warning Lamp Out Of Exterior Rearview Mirror Housing

Courtesy of AUDI OF AMERICA, LLC

Installing

Install in reverse order of removal, observing the following:

NOTE: If a Light Emitting Diode (LED) is faulty, the entire lane change assistance warning lamp in the exterior rearview mirror must be replaced.

-- Install the exterior rearview mirror housing. Refer to **Removal and Installation** .

LANE CHANGE ASSISTANCE WARNING LAMP IN EXTERIOR MIRRORS, FROM 06.09

Removing

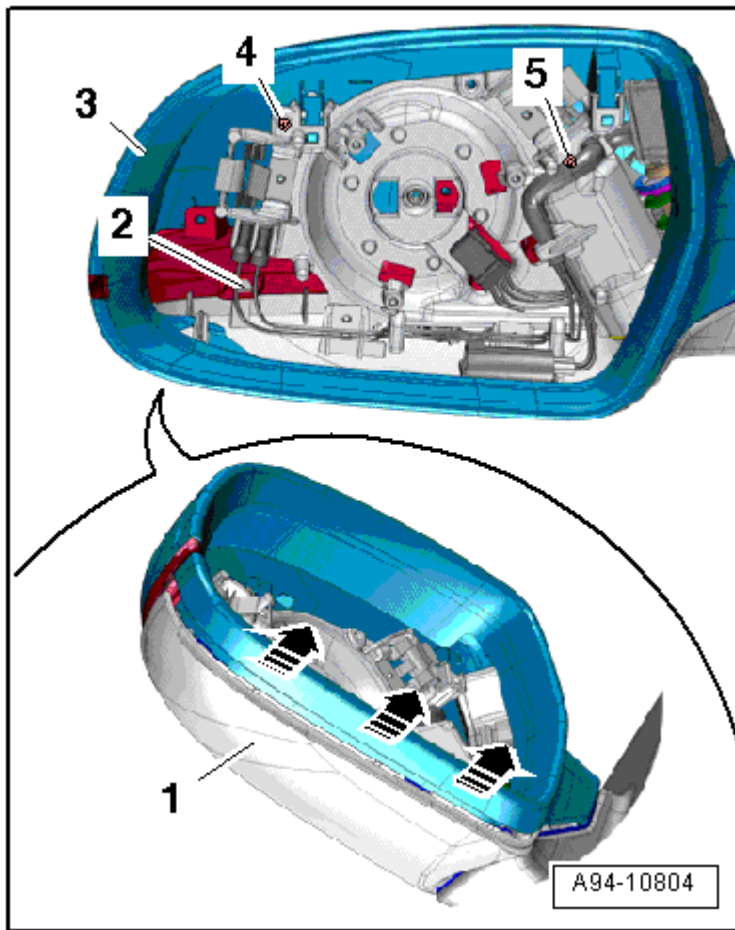


Fig. 48: Identifying Exterior Mirror Housing -3- And Cover -1-
Courtesy of AUDI OF AMERICA, LLC

-- Remove the mirror adjuster. Refer to **Removal and Installation** .

NOTE: To protect the paint in the area around the mirror housing, tape it off with a soft cloth.

-- Remove the screws -4 and 5-.

-- Open the clips -2- and remove the exterior mirror housing -3- from the cover -1- -arrows-.

-- Remove the exterior mirror housing -1- far enough until the connector is visible.

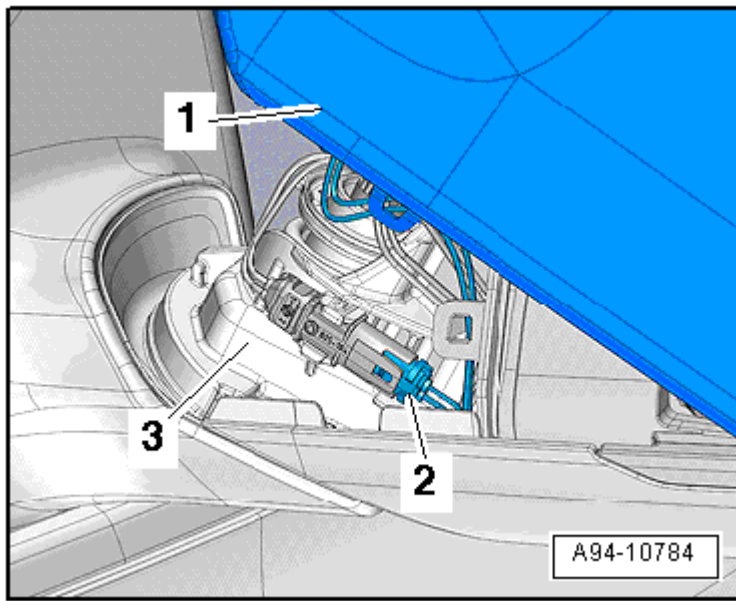


Fig. 49: Identifying Assistance Warning Lamp Connector -2- And Adjustment Unit Bracket -3-
Courtesy of AUDI OF AMERICA, LLC

- Disconnect the connector -2- on the front of the mirror adjustment unit bracket -3-.
- Pull the exterior mirror housing -2- upward and disconnect the connector -3-.

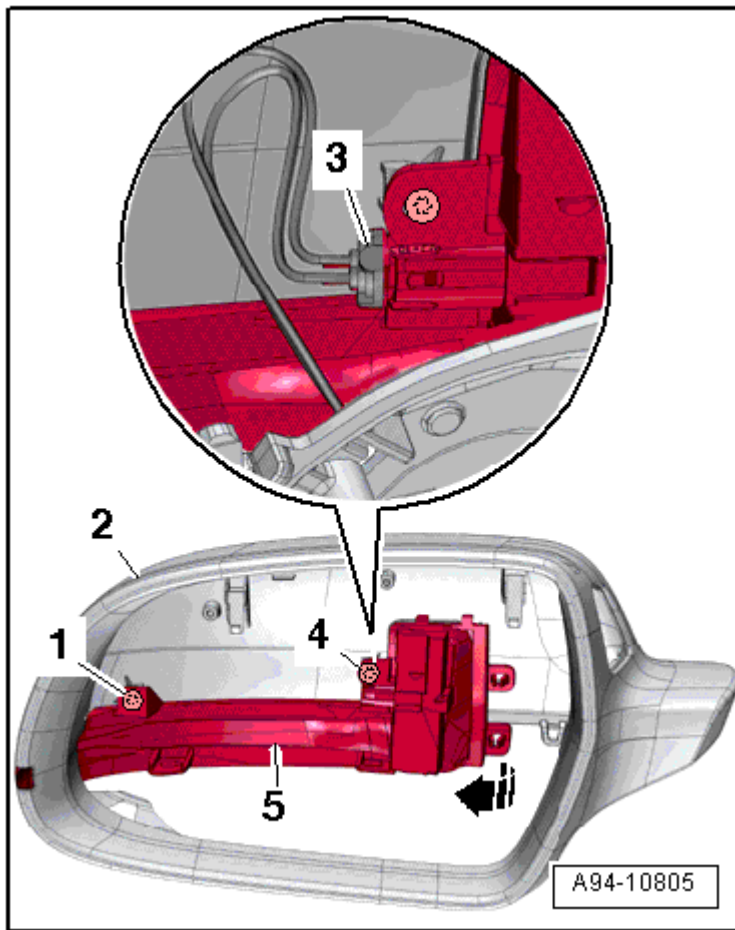


Fig. 50: Identifying Exterior Mirror Housing -2- And Connector -3-
Courtesy of AUDI OF AMERICA, LLC

NOTE: Ignore -1, 4 and 5- and -arrow-.

-- Release the retaining tabs -A arrows- and press the lane change assist warning lamp -1- out of the exterior rearview mirror housing -2- -arrow B-.

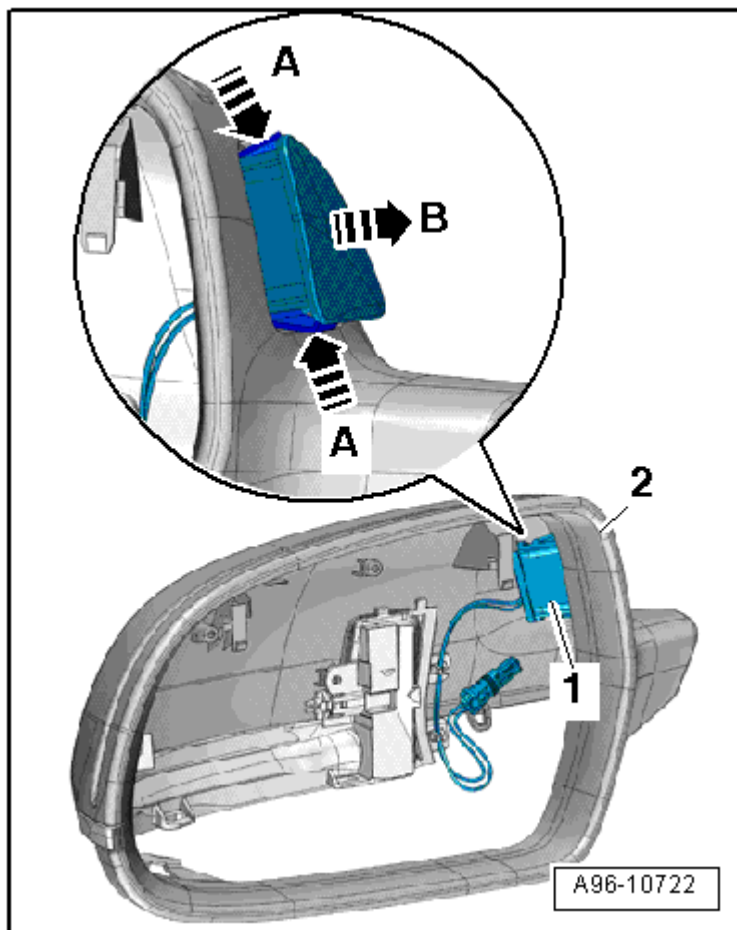


Fig. 51: Releasing Retaining Tabs -A Arrows- And Pressing Lane Change Assist Warning Lamp -1- Out Of Exterior Rearview Mirror Housing -2- -Arrow B-
Courtesy of AUDI OF AMERICA, LLC

Installing

Install in reverse order of removal, observing the following:

NOTE: If a Light Emitting Diode (LED) is faulty, the entire lane change assistance warning lamp in the exterior rearview mirror must be replaced.

-- Install the exterior rearview mirror housing. Refer to **Removal and Installation** .

LANE CHANGE ASSISTANCE CONTROL MODULE

Removing

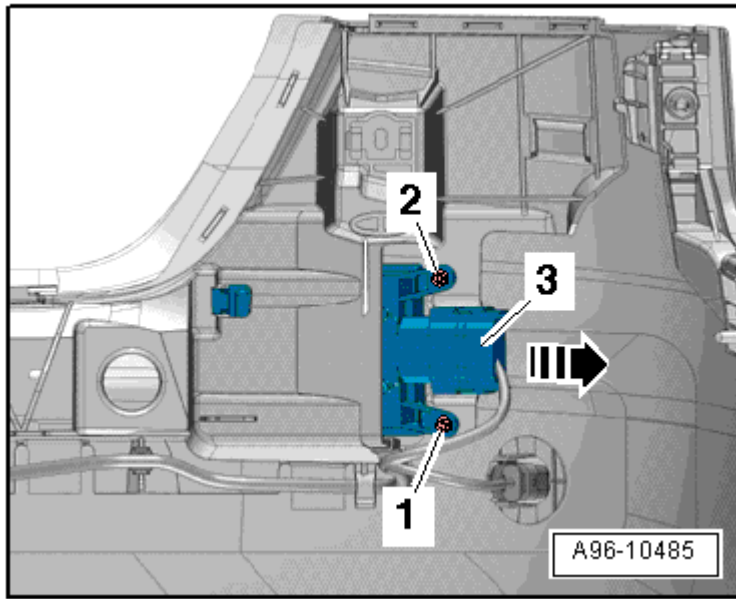


Fig. 52: Identifying Lane Change Assistance Control Module
Courtesy of AUDI OF AMERICA, LLC

- Remove the rear bumper cover. Refer to **Removal and Installation** .
- Disconnect the electrical connector -3-.
- Remove the bolts -1 and 2-.
- Remove the lane change assistance control module from the mount on the bumper -arrow-.

Installing

Install in reverse order of removal, observing the following:

- Install the cover on the rear bumper. Refer to **Removal and Installation** .

If the bumper cover was removed, the lane change assistance control module must be calibrated again. Refer to **LANE CHANGE ASSISTANCE, PREPARING FOR CALIBRATION**.

LANE CHANGE ASSISTANCE, PREPARING FOR CALIBRATION

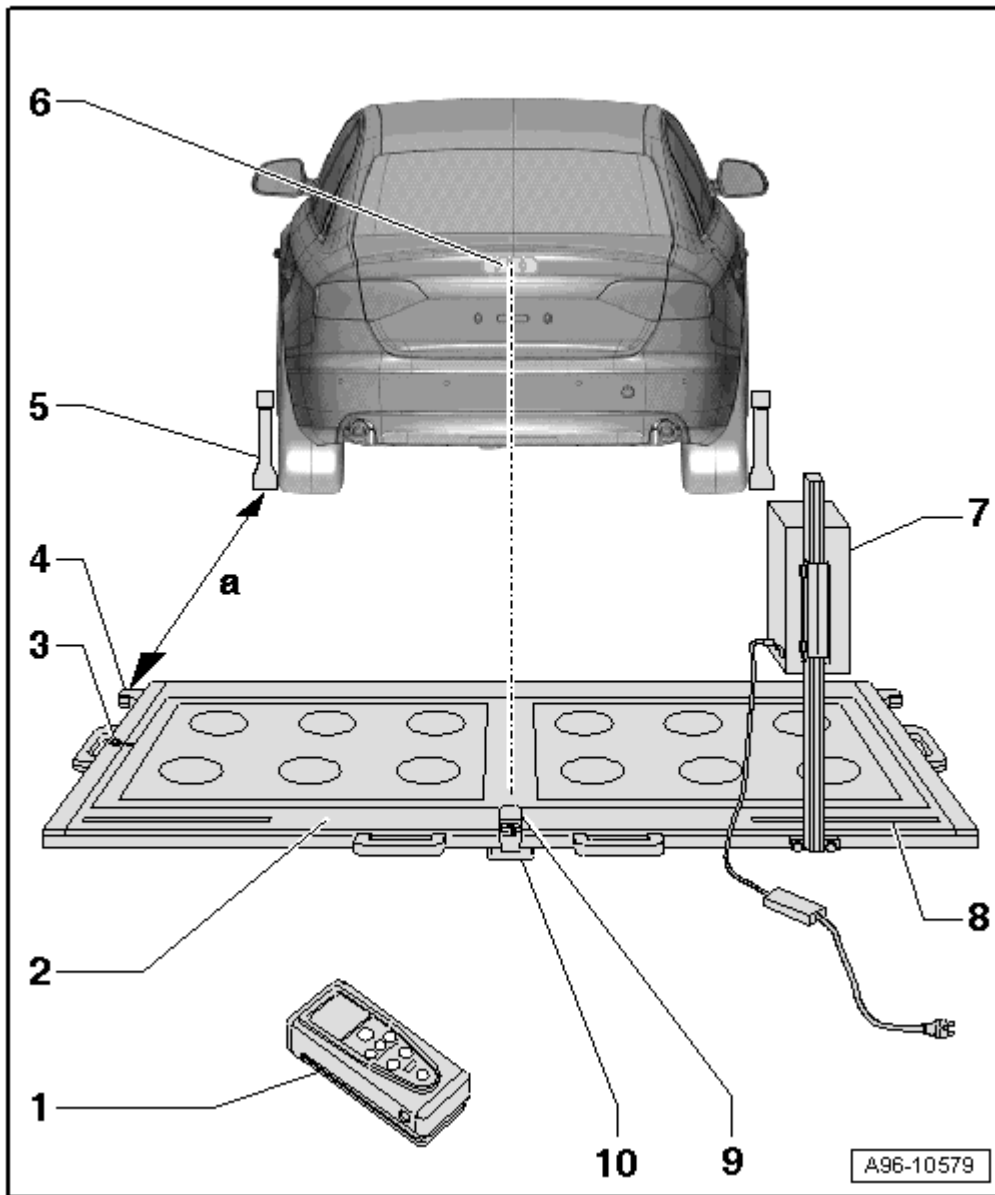


Fig. 53: Identifying Lane Change Assistance, Preparing For Calibration
 Courtesy of AUDI OF AMERICA, LLC

1. Spacing Laser -VAS 6350/2-
 - For distance measurement.
 - Usage, refer to the operating instructions.
2. Calibration Tool -VAS 6350-
3. Water Level
 - On the calibration tool -VAS 6350-.
 - To check horizontal position of the calibration tool -VAS 6350-.
4. Catch Bracket
 - For mounting the spacing laser -VAS 6350/2- for distance measurement.

- Distance to wheel center sensor -VAS 6350/1- on rear wheels: Dimension -a- = 1700 ± 2 mm.
- 5. Wheel Center Sensor -VAS 6350/1-
 - With wheel bolt adapter SW 16 and measuring paddle
- 6. Brand Emblem
 - The laser point is aligned on the center of the brand emblem.
- 7. Calibration Tool for Lane Changing Assist -VAS 6350/4-
 - Is moved from one side of measuring field to the other during calibration.
 - When installed correctly, vehicle electrical system voltage line must be connected at bottom left of calibration device (as seen in direction of travel).
- 8. Measurement Scale
 - For positioning the calibration tool for lane changing assist -VAS 6350/4-.
- 9. Line Laser -VAS 6350/3-
 - With "Laser eye protection".
 - On the calibration tool -VAS 6350-.
 - Turning on and off, refer to the operating instructions.
- 10. Plastic Foot
 - Quantity: 3
 - Adjustable in order to adjust horizontal position of the calibration tool -VAS 6350-.

LANE CHANGE ASSISTANCE CONTROL MODULE, CALIBRATING**Special tools and workshop equipment required**

- Calibration Tool VAS 6350

Conditions

-- The lane change assistance control module must be calibrated in the "Guided Fault Finding" or "Guided Functions" operating mode under the following conditions:

- The lane change assistance control module -J769- or lane change assistance control module 2 -J770- was replaced.
- The rear bumper was damaged.
- The rear bumper was removed and installed.
- The DTC "no or incorrect basic setting/adaptation" is stored in the DTC memory.

Procedure

-- Place the vehicle on a solid, level surface.

-- Activate the parking brake - vehicle must not move during measurement.

-- Place the front wheels in the straight ahead position - steering wheel in 0 position.

-- Connect the vehicle diagnostic tester.

NOTE: If a malfunction message appears in the display, refer to the vehicle diagnostic tester operating instructions.

-- Turn on the ignition.

-- Remove the sticker with metal foil from the bumper cover if necessary.

-- Secure three wheel bolt adapters on each -VAS 6350/1-.

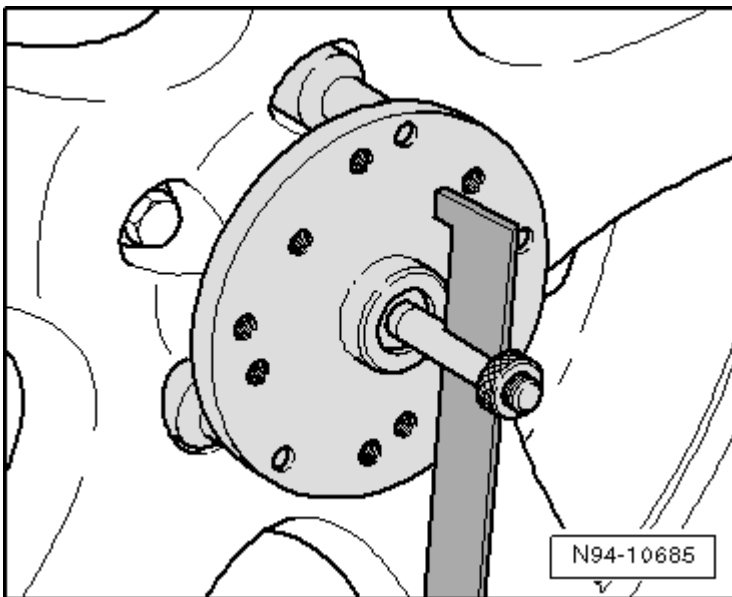


Fig. 54: Identifying Wheel Pick-Ups On Wheel Mounting Bolts At Rear Wheels
Courtesy of AUDI OF AMERICA, LLC

-- Insert the measuring paddle on both -VAS 6350/1- and secure with lock nuts.

-- Place the -VAS 6350/1- on the wheel bolts on both rear wheels.

- Wheel center sensor rotation center must be in wheel rotation center.

NOTE: Place the -VAS 6350/1- on wheels so that "anti-theft wheel bolts" are not connected with wheel center sensor.

-- Adjust the measuring paddle with aid of lock nuts so that they move freely just above the floor.

- The measuring paddles must move easily.
- The measuring paddles must be vertical.

-- Position the VAS 6350 at distance -a- from the rear wheels.

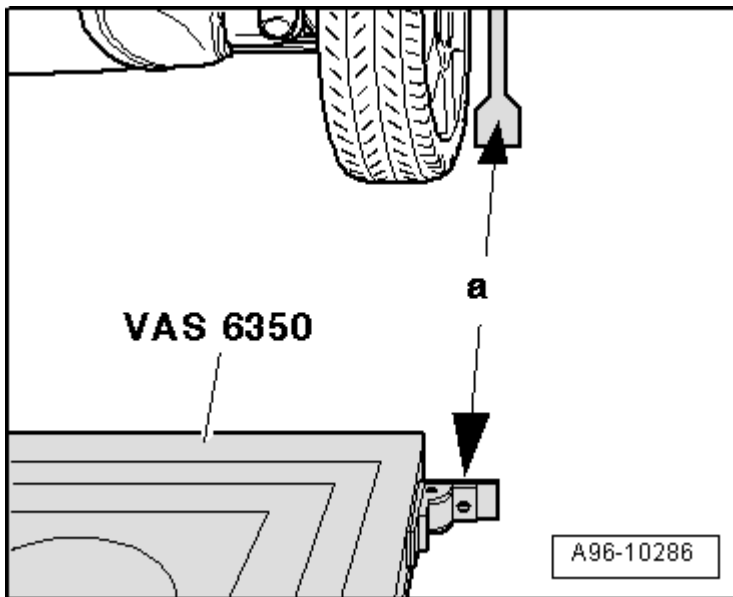


Fig. 55: Determining Distance Between Calibration Device VAS 6350 And Rear Wheels
Courtesy of AUDI OF AMERICA, LLC

- Dimension -a- = 1,700 mm

-- Turn the VAS 6350/2 on with the ON button.

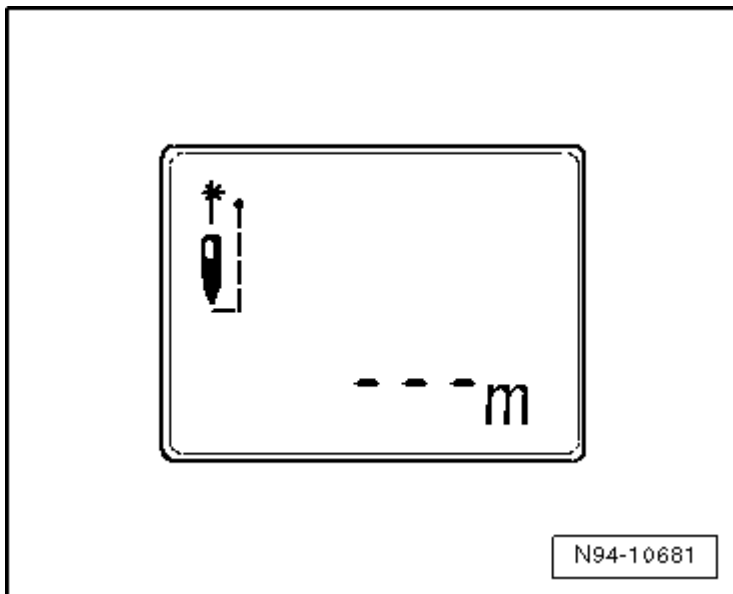


Fig. 56: Identifying Laser Display
Courtesy of AUDI OF AMERICA, LLC

Display on the VAS 6350/2:

- " - - - m"

NOTE: **Laser is turned on at same time.**

-- For distance measurement, hold the VAS 6350/2 -item 2- flush to the right stop bracket as illustrated.

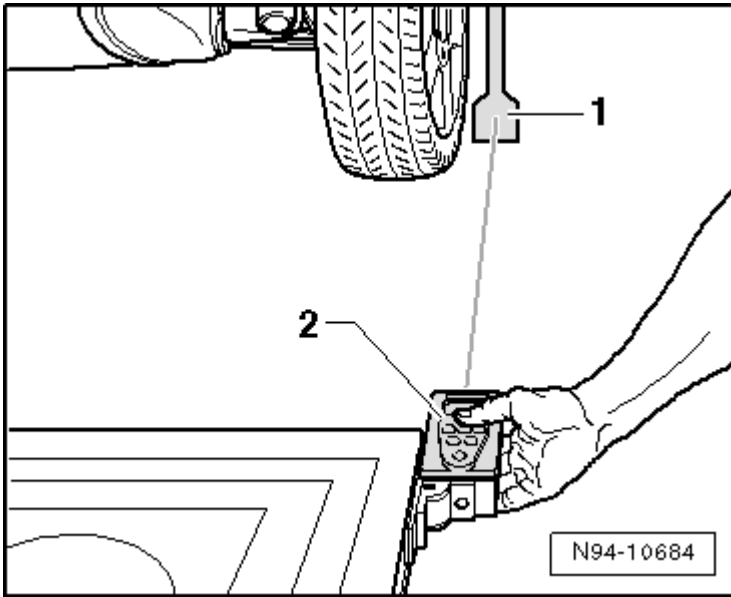


Fig. 57: Ensuring Laser Beam From Distance Laser VAS 6350/2 Hits Lower, Enlarged Part Of Paddle
Courtesy of AUDI OF AMERICA, LLC

- The VAS 6350/2 lays firmly against the catch bracket.

-- Make sure the "laser beam" for the distance measurement contacts the paddle on lower enlarged part -1-.

If this is not the case, measure paddle height must be corrected using lock nuts on the -VAS 6350/1-.

-- Briefly press the **ON** button for distance measurement.

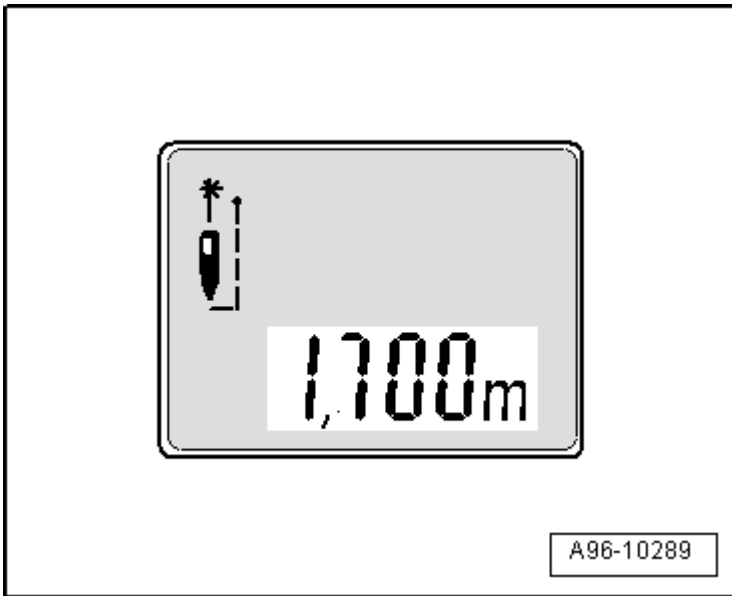


Fig. 58: Identifying Display on VAS 6350/2
Courtesy of AUDI OF AMERICA, LLC

Display on the VAS 6350/2:

- "1, 700 m" (specified value: $1, 700 \pm 2$ mm).

-- Repeat measurement procedure from left catch bracket to left rear wheel.

- The distance value must be the same on both sides.

If both measured values are not the same, adjust the VAS 6350 accordingly.

-- Select the path "calibration" after selecting "lane change assistance".

NOTE: The following information clarifies which version of the lane change assist is installed (version SWA1.7).

This information for adjusting the calibration device is important for later steps in the procedure to avoid malfunctions.

-- Secure the -VAS 6350/4- at the rear right of the VAS 6350 mount.

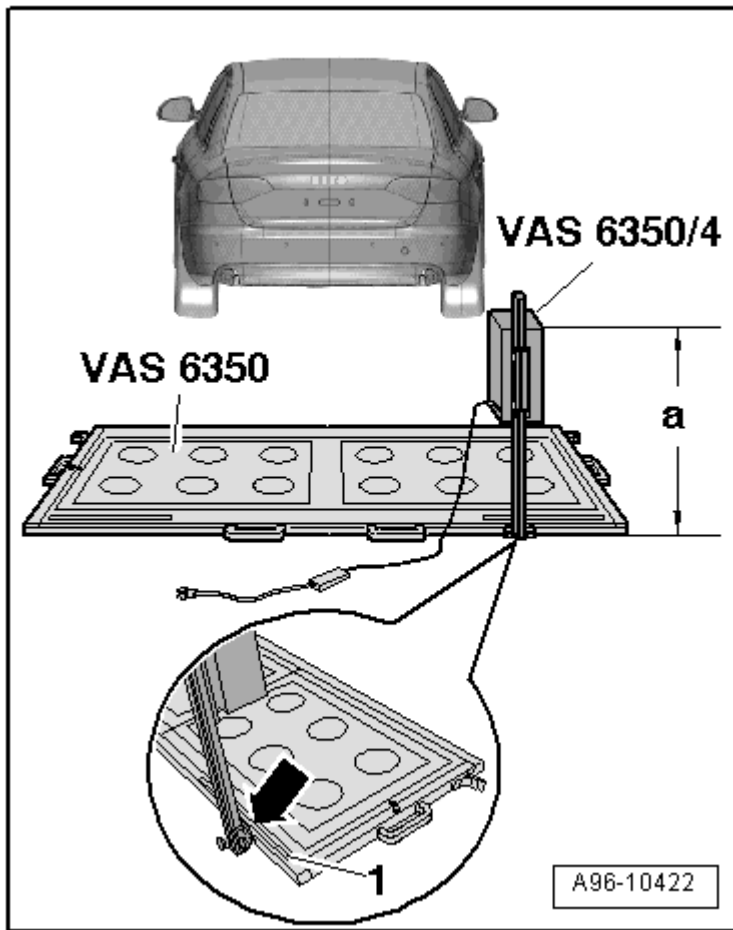


Fig. 59: Securing VAS 6350/4 At Rear Right Of VAS 6350 Mount
 Courtesy of AUDI OF AMERICA, LLC

- When installed correctly, vehicle electrical system voltage line must be connected at bottom left of calibration device (as seen in direction of travel).

Dimension -a- is measured from upper edge of calibration device to the floor.

Adjustment height in mm	Sedan through MY 12	Avant through MY 12	allroad through MY 12	Sedan from MY 13	Avant from MY 13	allroad from MY 13
	700	700	770	765	783	823

-- The indicator on the base of the -VAS 6350/4- must align with the setting on the measurement scale -1- on measuring field -arrow-.

Right adjustment dimension in mm	Sedan through MY 12	Avant through MY 12	allroad through MY 12	Sedan from MY 13	Avant from MY 13	allroad from MY 13

2012 Audi S4

Electrical System Interior Lights, Switches

SWA 1.0	586					
SWA 1.5	745	745	830			
SWA 2.0				592	641	643
Read on the measuring scale -1-.						

-- Connect -VAS 6350/4- to vehicle electrical system voltage.

-- Bring the VAS 6350 into horizontal position by turning plastic base.

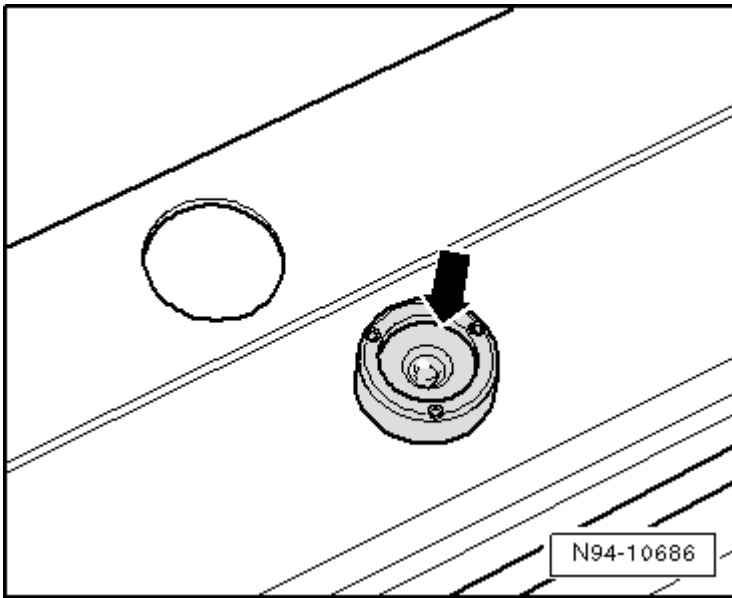


Fig. 60: Identifying Center Of Indicator
Courtesy of AUDI OF AMERICA, LLC

- Observe bubble level (sight glass) on the VAS 6350 -arrow-.

-- Turn the -VAS 6350/3- on the VAS 6350 on.

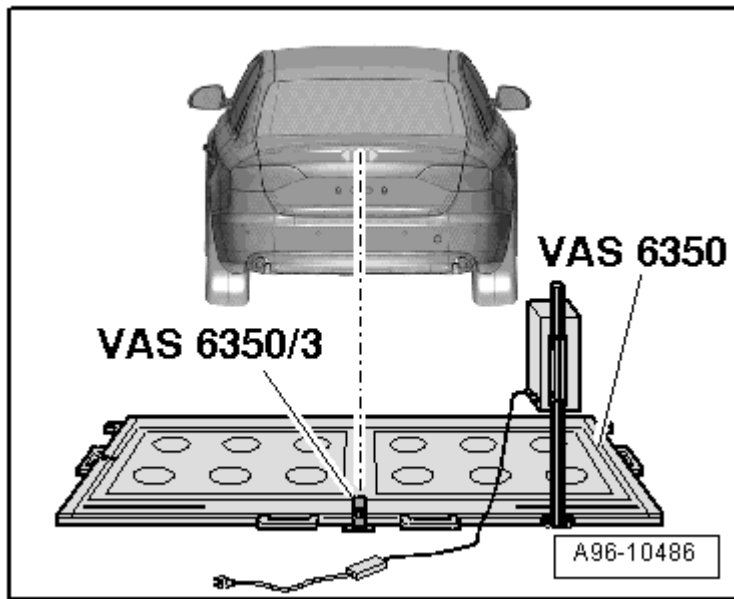


Fig. 61: Turning VAS 6350/3 On VAS 6350
 Courtesy of AUDI OF AMERICA, LLC

-- Put on the "Laser eye protection".

-- Align the VAS 6350 so the -VAS 6350/3- strikes the center of the brand emblem on the rear lid.

-- Check the left and right distance between catch bracket on the VAS 6350 and measuring paddle -1- on the wheel sensors again.

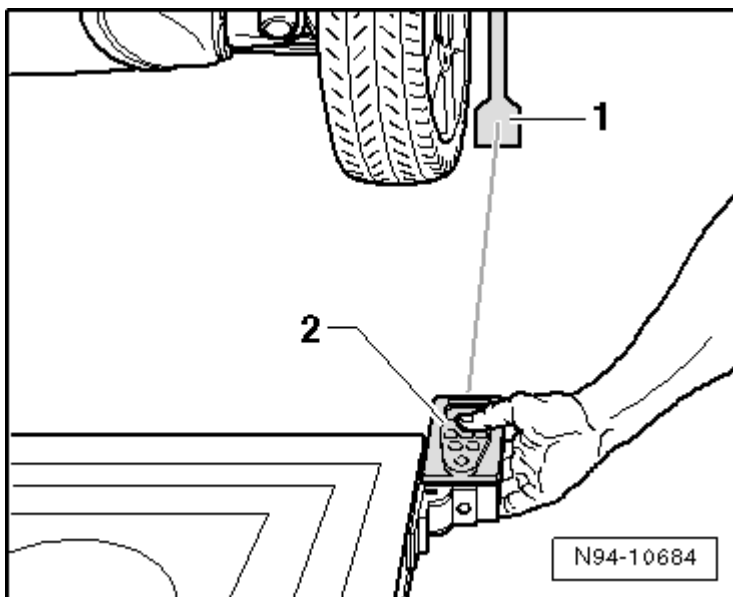


Fig. 62: Ensuring Laser Beam From Distance Laser VAS 6350/2 Hits Lower, Enlarged Part Of Paddle
 Courtesy of AUDI OF AMERICA, LLC

- Specified value: 1700 ± 2 mm

Calibration Procedure

The following should not occur during the calibration procedure:

- No metal reflectors may be located within a 2 m (6.5 ft.) radius of the calibration device (such as tool carts, metal cabinets).
- Vehicle doors must not be opened or closed.
- People should not sit in the vehicle.
- People should not go between the vehicle and the -VAS 6350/4-.

Procedure

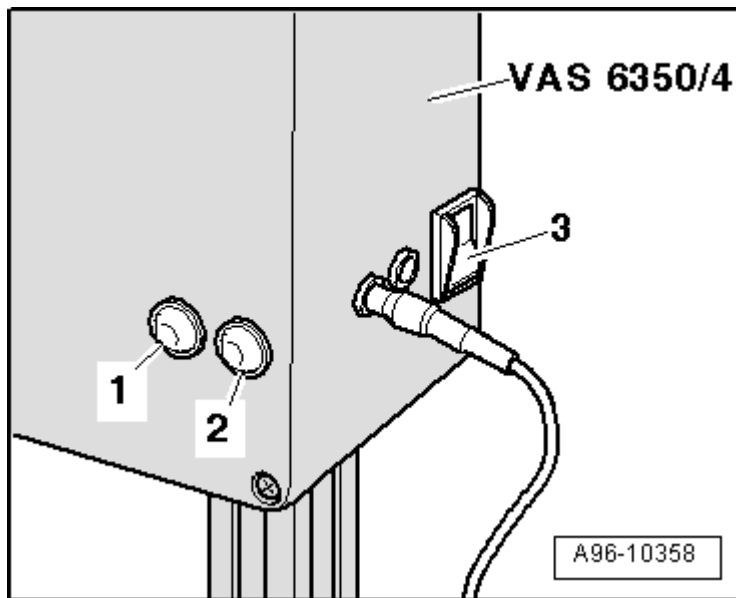


Fig. 63: Identifying Assistance Calibration Device VAS 6350/4 Components
Courtesy of AUDI OF AMERICA, LLC

-- Switch the -VAS 6350/4- on at the power switch -3-.

- The green Light Emitting Diode (LED) -1- must light up.

NOTE: If the red LED -2- lights up: Check the -VAS 6350/4-.

-- Follow the instructions on the vehicle diagnostic tester display.

During the course of the program, a request is made to switch the -VAS 6350/4- from the right to the left side of the VAS 6350.

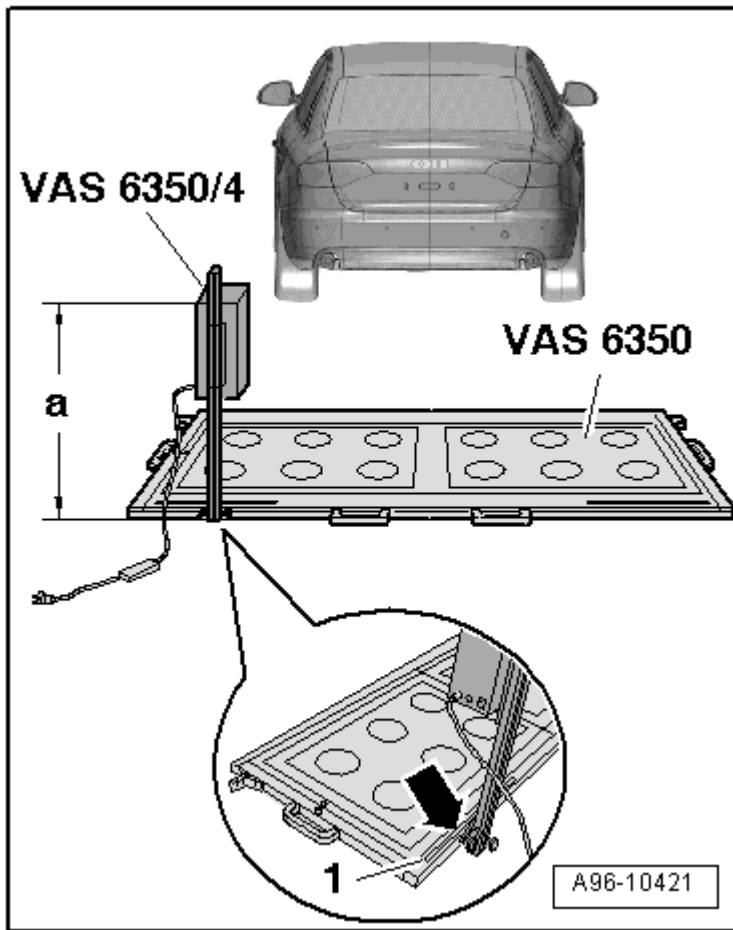


Fig. 64: Identifying VAS 6350/4 And VAS 6350

Courtesy of AUDI OF AMERICA, LLC

-- Turn the -VAS 6350/4- off and move device.

- When installed correctly, vehicle electrical system voltage line must be connected at bottom left of calibration device (as seen in direction of travel).

Dimension -a- is measured from upper edge of calibration device to the floor.

Adjustment height in mm	Sedan through MY 12	Avant through MY 12	allroad through MY 12	Sedan from MY 13	Avant from MY 13	allroad from MY 13
	700	700	770	765	783	823

-- The indicator on the base of the -VAS 6350/4- must align with setting on measurement scale -1- on measuring field -arrow-.

Left adjustment dimension in mm	Sedan through	Avant through	allroad through	Sedan from	Avant from	allroad from

2012 Audi S4

Electrical System Interior Lights, Switches

	MY 12	MY 12	MY 12	MY 13	MY 13	MY 13
SWA 1.0	586					
SWA 1.5	745	745	830			
SWA 2.0				592	641	643
Read on the measuring scale -1-.						

-- Turn the -VAS 6350/4- on at the power switch -3-.

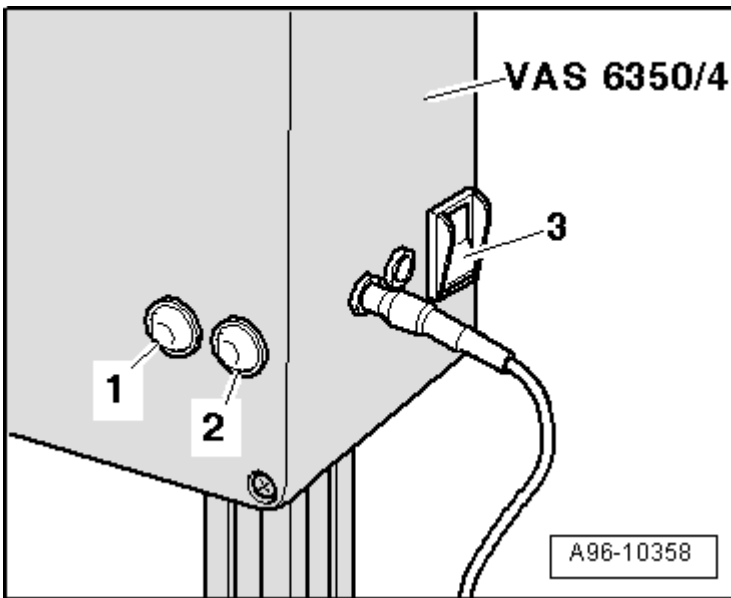


Fig. 65: Identifying Assistance Calibration Device VAS 6350/4 Components
Courtesy of AUDI OF AMERICA, LLC

- The green LED -1- must light up.

-- Follow the instructions on the vehicle diagnostic tester display.

-- After calibrating the lane change assistance successfully, end "calibration", turn off the ignition and disconnect the diagnostic connector.

LAMPS AND SWITCHES IN CENTER CONSOLE

ACCESS/START AUTHORIZATION BUTTON -E408-

Special tools and workshop equipment required

- 2 mm Wire

Removing

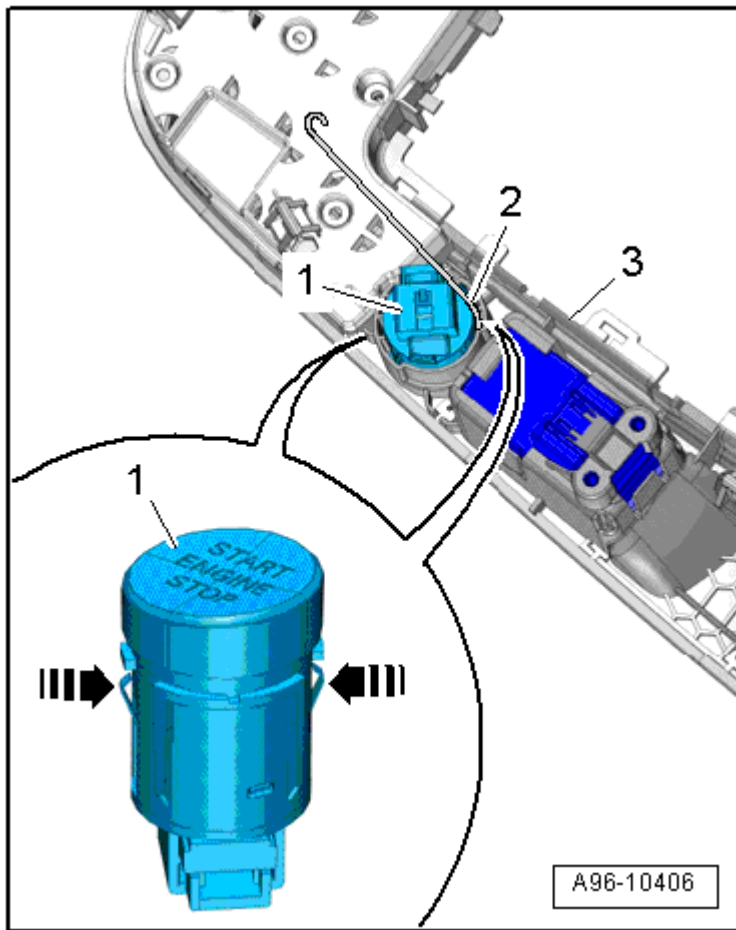


Fig. 66: Identifying Access/Start Authorization Button -E408-
Courtesy of AUDI OF AMERICA, LLC

- Vehicles with Multi Media Interface (MMI) basic equipment: Remove the center console cover. Refer to **Removal and Installation** .
- Vehicles with MMI comfort equipment: Remove the multimedia system control head -E380- **Removal and Installation** .
- Release the retaining clips -arrows- using a 2 mm wire -item 2-.
- Press the access/start authorization button -item 1- out of the multimedia system control head -item 3-.

NOTE: The illustration shows the multimedia control head instead.

Installing

Install in reverse order of removal, observing the following:

- Vehicles with MMI basic equipment: Install the center console cover. Refer to **Removal and Installation** .

-- Vehicles with MMI comfort equipment: Install the multimedia system control head. Refer to **Removal and Installation** .

BUTTON UNIT, MMI BASIC

Removing

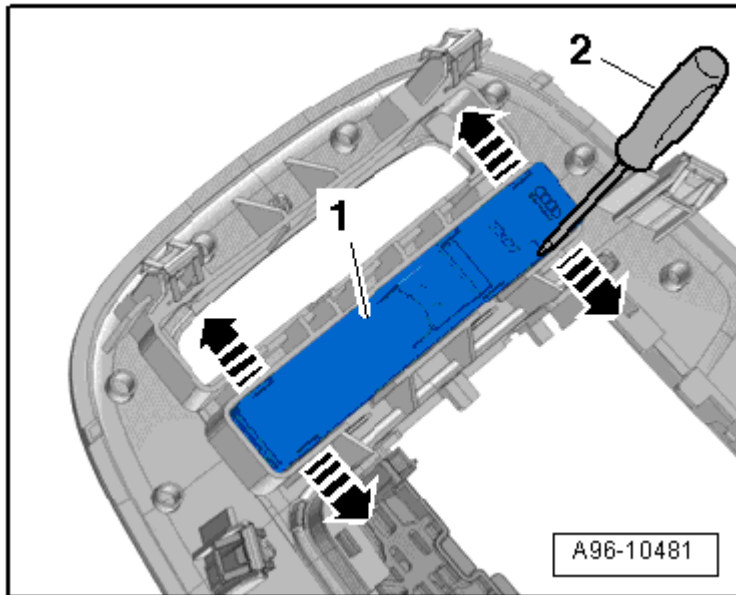


Fig. 67: Identifying Button Unit, MMI Basic, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Remove the center console cover. Refer to **Removal and Installation** .

-- Carefully release the retaining hooks -arrows- with a small screwdriver -2-.

-- Press the button unit -1- out of the switch mount.

Installing

Install in reverse order of removal, observing the following:

-- Press the button unit into the switch housing until the retainer engages audibly.

-- Install the center console cover. Refer to **Removal and Installation** .

ELECTROMECHANICAL PARKING BRAKE AND -AUTO HOLD- BUTTONS

Removing

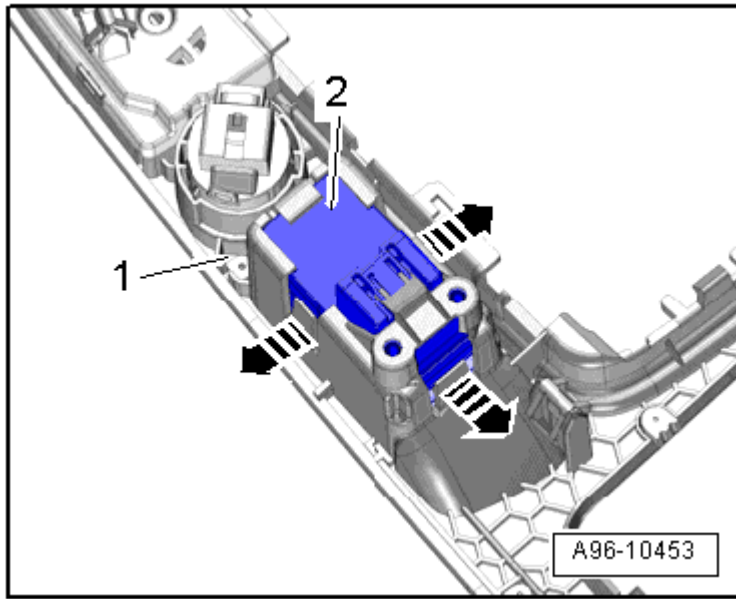


Fig. 68: Identifying Electromechanical Parking Brake And -Auto Hold- Buttons, Removal
 Courtesy of AUDI OF AMERICA, LLC

-- Vehicles with Multi Media Interface (MMI) basic equipment: Remove the center console cover. Refer to **Removal and Installation** .

-- Vehicles with MMI comfort equipment: Remove the multimedia system control head -E380-. Refer to **Removal and Installation** .

-- Release the retaining clips -arrows- and press the electromechanical parking brake button -E538- /-AUTO HOLD- button -E540- -item 2- out of the multimedia system control head -item 1-.

NOTE: The illustration shows the multimedia control head instead.

Installing

Install in reverse order of removal, observing the following:

-- Vehicles with MMI basic equipment: Install the center console cover. Refer to **Removal and Installation** .

-- Vehicles with MMI comfort equipment: Install the multimedia system control head **Removal and Installation** .

REAR HEATED SEAT REGULATING SWITCHES

Removing

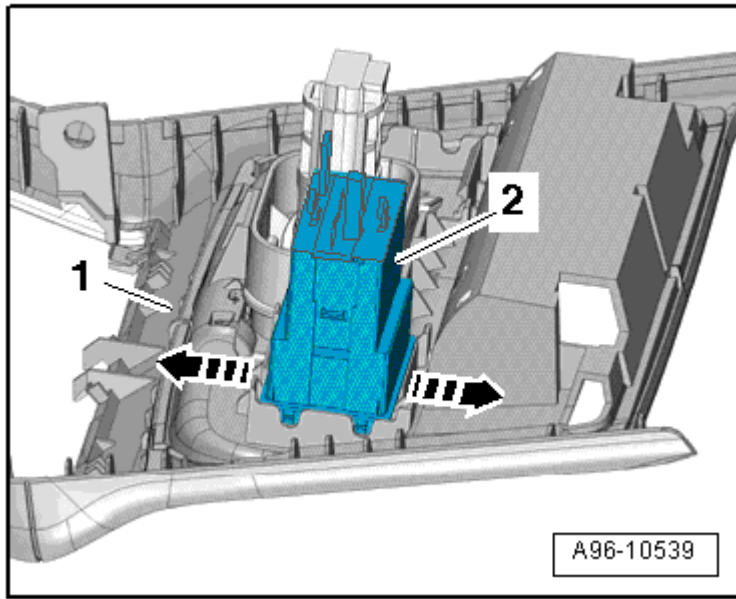


Fig. 69: Identifying Rear Heated Seat Regulating Switches, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Remove the center console rear trim. Refer to **Removal and Installation** .

-- Release the retaining clips -arrows- and remove the rear heated seat regulating switch -2- from the center console rear trim -1-.

Installing

Install in reverse order of removal, observing the following:

-- Install the center console rear trim. Refer to **Removal and Installation** .

SELECTOR LEVER TRANSMISSION RANGE POSITION DISPLAY UNIT WITH SELECTOR LEVER SCALE ILLUMINATION BULB

Special tools and workshop equipment required

- Trim Removal Wedge 3409

Removing

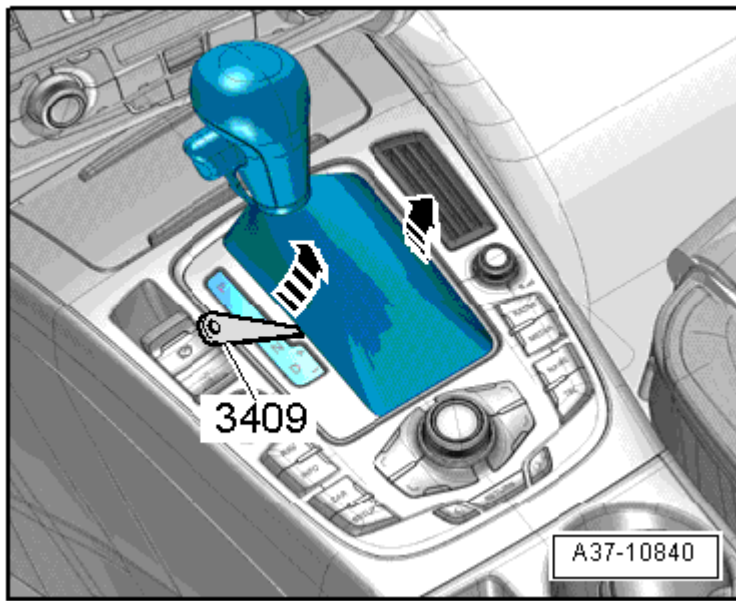


Fig. 70: Identifying Selector Lever Transmission Range Position Display Unit, Removal
Courtesy of AUDI OF AMERICA, LLC

- Shift the selector lever into the "S" position.
- Turn the ignition off.
- Carefully pry the selector lever boot out at the side using the 3409 or a small screwdriver -arrows-.
- Fold the selector lever boot upward.
- Release the retaining spring -2- and remove the selector lever transmission range position display unit -Y26- -item 1- -arrow-.

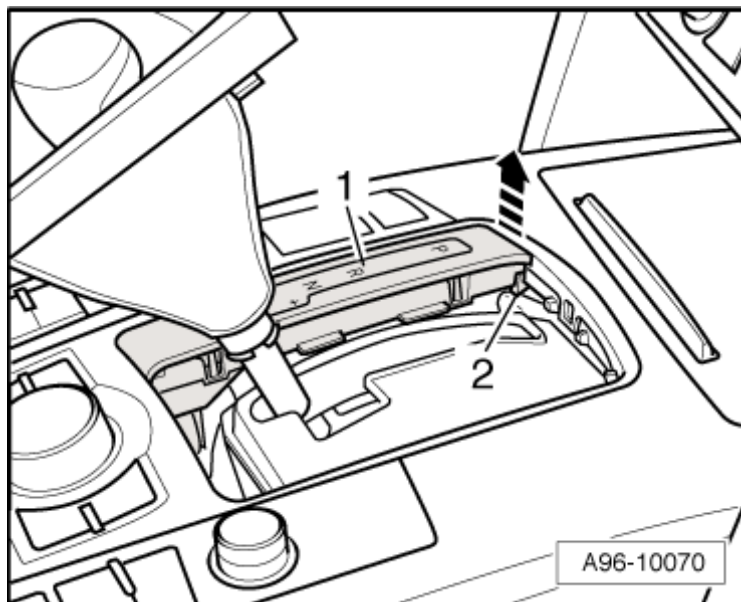


Fig. 71: Releasing Retaining Spring To Remove Selector Lever Transmission Range (TR) Position Display Y26 Upward

Courtesy of AUDI OF AMERICA, LLC

-- Disconnect the electrical connector.

Installing

Install in reverse order.

START/STOP MODE BUTTON

Removing

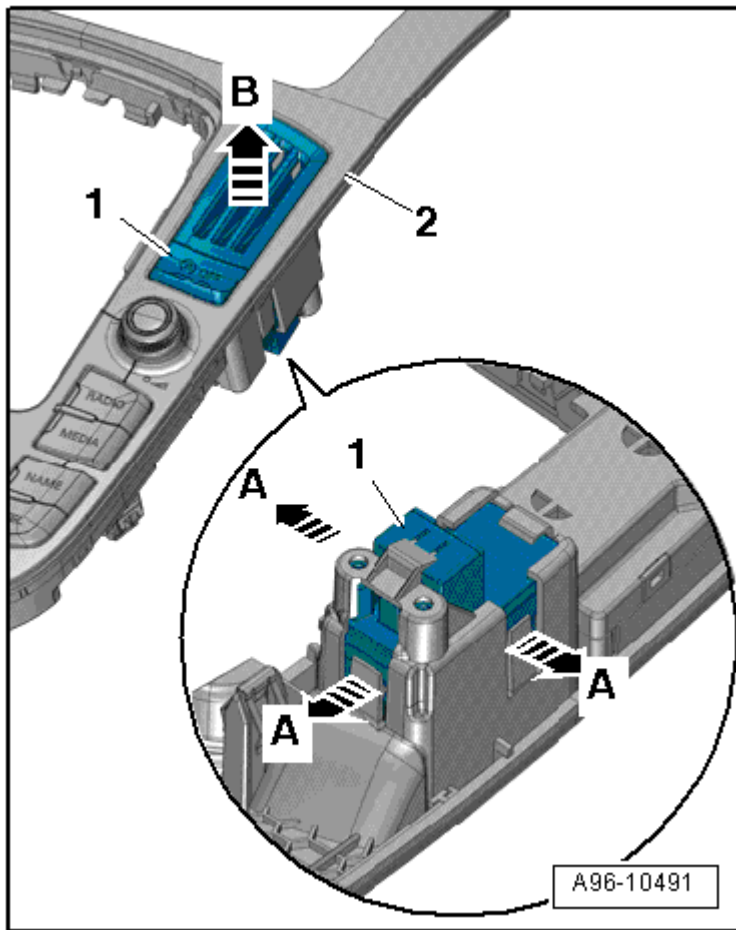


Fig. 72: Identifying Start/Stop Mode Button, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Vehicles with Multi Media Interface (MMI) basic equipment: Remove the center console cover. Refer to **Removal and Installation** .

-- Vehicles with MMI comfort equipment: Remove the multimedia system control head -E380-. Refer to **Removal and Installation** .

-- Open the clips -arrows A- and remove the start/stop mode button -E693- -1- from the multimedia system control head -2- -arrow B-.

NOTE: The illustration shows the multimedia control head instead.

Installing

Install in reverse order of removal, observing the following:

-- Vehicles with MMI basic equipment: Install the center console cover. Refer to **Removal and Installation** .

-- Vehicles with MMI comfort equipment: Install the multimedia system control head. Refer to **Removal and Installation** .

INSTRUMENT PANEL LAMPS AND SWITCHES

Observe the notes on contact corrosion. Refer to **CONTACT CORROSION**.

BUTTON UNIT, WITH MMI COMFORT EQUIPMENT

Removing

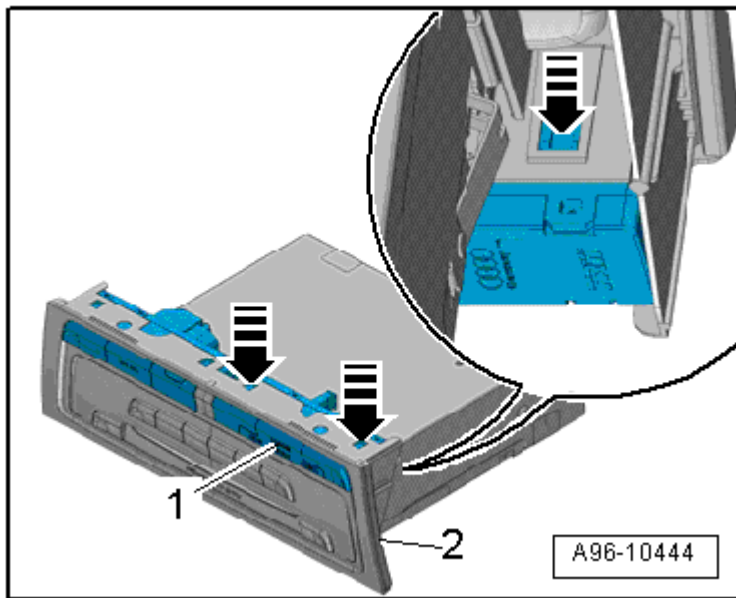


Fig. 73: Identifying Button Unit, With MMI Comfort Equipment, Removal
Courtesy of AUDI OF AMERICA, LLC

- Remove the CD changer. Refer to **Removal and Installation** .
- Carefully release the retaining hooks -arrows- using a small screwdriver.
- Press the button unit -1- out of the switch mount -2-.

Installing

Install in reverse order of removal, observing the following:

- Press the button unit into the switch housing until the retainer engages audibly.
- Install the CD changer. Refer to **Removal and Installation** .

FOG LAMP BUTTON

The rear fog lamp button -E314-, fog lamp button -E315- is seated in a shared housing with the light switch -E1- and cannot be replaced separately if faulty.

-- Replace the headlamp switch. Refer to **LIGHT SWITCH**.

EMERGENCY FLASHER BUTTON

Special tools and workshop equipment required

- Removal Wedge 3409

Removing

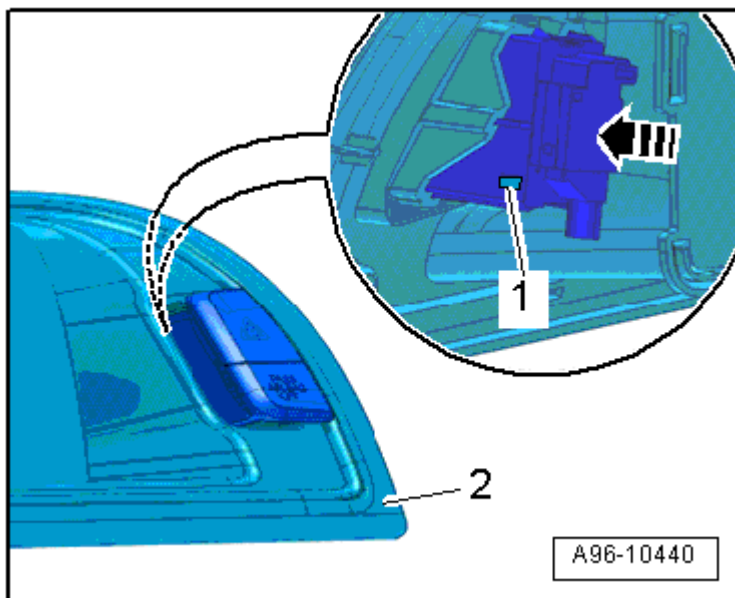


Fig. 74: Identifying Passenger Airbag Indicator Lamp, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Turn off the ignition and remove the ignition key.

-- Remove the MMI screen cover. Refer to **Removal and Installation** .

-- Press the emergency flasher button -E229- -item 1- out of the installation frame -2- -arrow-.

Installing

Install in reverse order of removal, observing the following:

-- Install the MMI screen cover. Refer to **Removal and Installation** .

FRONT FOOTWELL ILLUMINATION BULB

Removing

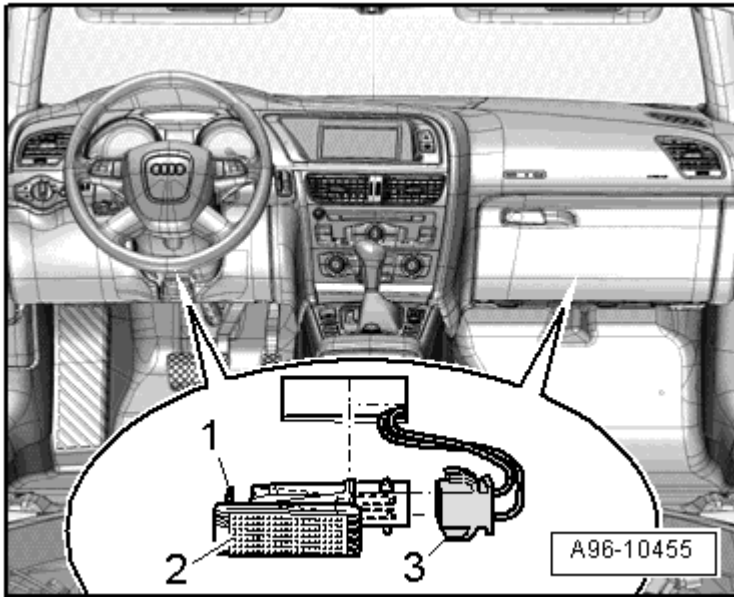


Fig. 75: Identifying Front Footwell Illumination Bulb, Removal
Courtesy of AUDI OF AMERICA, LLC

- Use a flat screwdriver to press in the retainer tab -1- and lift out footwell light -2-.
- Disconnect the electrical connector -3-.

Installing

Install in reverse order of removal, observing the following:

NOTE: The entire footwell lamp must be replaced if a Light Emitting Diode (LED) is faulty.

- Insert the footwell lamp into the opening and engage on the opposite side.

FRONT HEATED SEAT ADJUSTERS -E94- / -E95-

The front heated seat adjusters are integrated into the climatronic control module -J255- (which may also be called the "control head"). They cannot be replaced separately.

- Climatronic control module removing and installing, refer to **Removal and Installation** .

FRONT PASSENGER AIRBAG -DISABLED- INDICATOR LAMP

The front passenger airbag -disabled- indicator lamp -K145- is seated in a shared housing with the emergency flasher button -E229- and cannot be replaced separately if faulty.

-- emergency flasher button removing and installing. Refer to **EMERGENCY FLASHER BUTTON**.

GLOVE COMPARTMENT LAMP

Removing

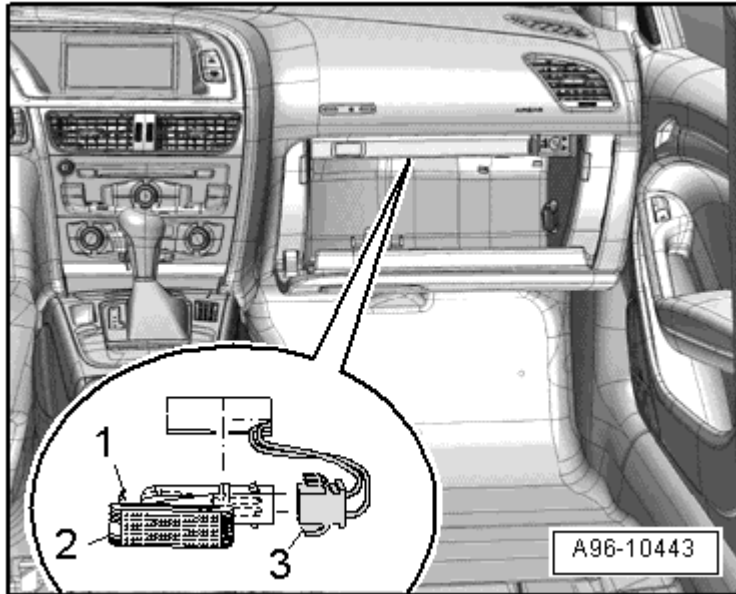


Fig. 76: Identifying Glove Compartment Lamp, Removal
Courtesy of AUDI OF AMERICA, LLC

- Turn the light switch to the "0" position.
- Press in the catch -1- using a flat screwdriver and pry out the glove compartment lamp -2-.
- Disconnect the electrical connector -3-.
- To replace the bulb, release the retaining clips -arrows- and remove the cover -1- over the bulb.

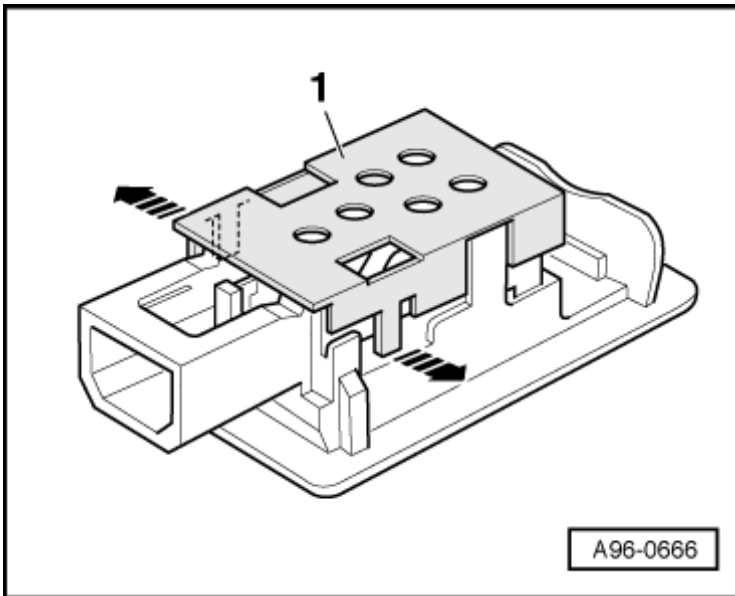


Fig. 77: Releasing Clips And Pulling Cover Off Above Light Bulb
Courtesy of AUDI OF AMERICA, LLC

-- Remove the bulb -1- on the rear side of the glove compartment light from the socket -2-.

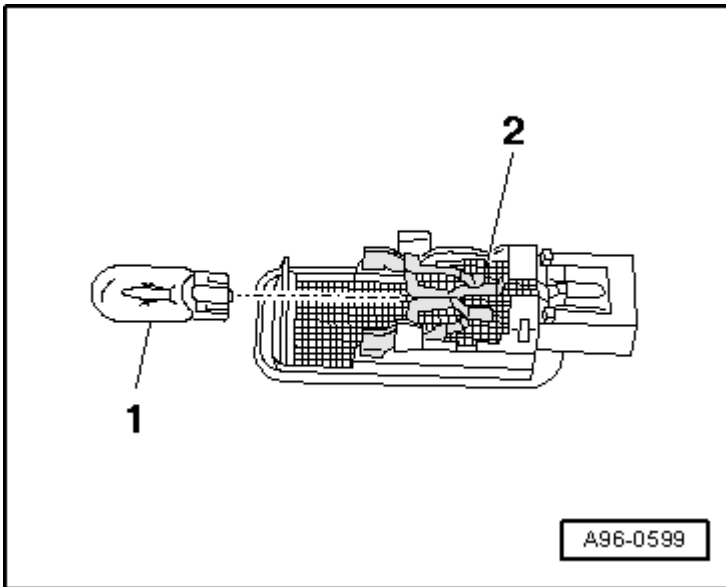


Fig. 78: Identifying Door Safety Light/Entry Light Bulb
Courtesy of AUDI OF AMERICA, LLC

Installing

Install in reverse order of removal, observing the following:

-- Connect the electrical connector.

-- Insert the glove compartment lamp into the opening and engage on the opposite side.

GLOVE COMPARTMENT LAMP SWITCH

Removing Glove Compartment Lamp Switch

-- Turn off the ignition and remove the ignition key.

-- Disengage the fuse panel D -SD- from the right side of the instrument panel and slide it to the side. Refer to **FUSE PANEL D, WITH RIGHT INSTRUMENT PANEL FUSE PANEL** .

-- Disconnect the electrical connector -3-.

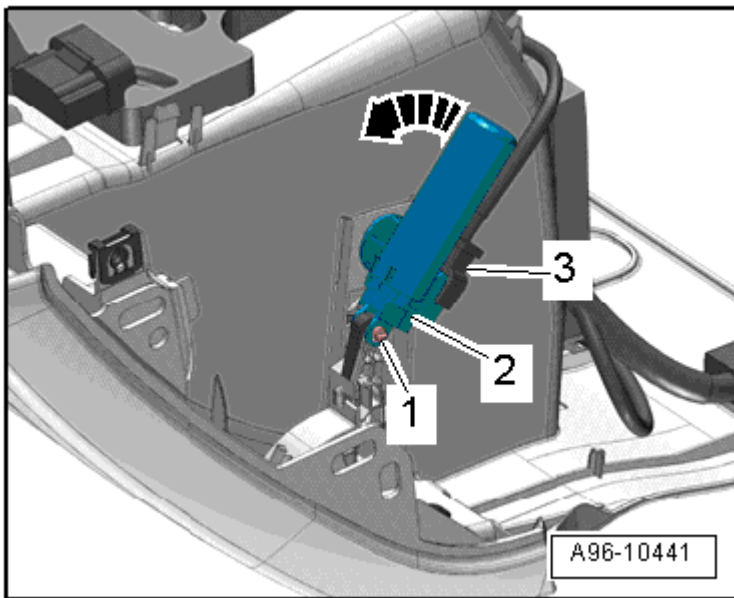


Fig. 79: Releasing Glove Compartment Lamp Switch
Courtesy of AUDI OF AMERICA, LLC

-- Remove the hinge bolts -1-.

-- Release the switch -2- counterclockwise -arrow- and remove it.

Installing

Install in reverse order of removal, observing the following:

-- Engage the fuse panel D on the right side of the instrument panel. Refer to **FUSE PANEL D, WITH RIGHT INSTRUMENT PANEL FUSE PANEL** .

HEADLAMP RANGE CONTROL ADJUSTER

Removing

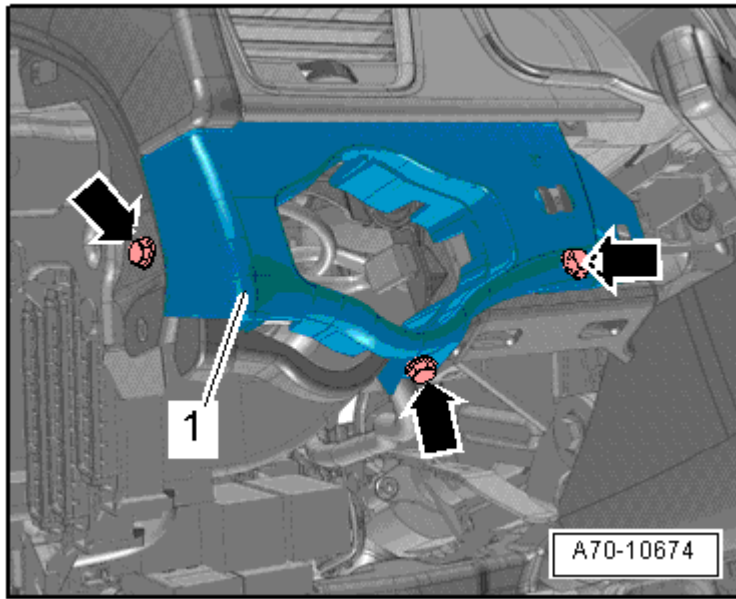


Fig. 80: Identifying Headlamp Light Switch Trim, Removal
Courtesy of AUDI OF AMERICA, LLC

- Remove the driver side instrument panel cover. Refer to **Removal and Installation** .
- Remove the instrument cluster gap cover. Refer to **Removal and Installation** .
- Remove the bolts -arrows- and the light switch trim -1-.
- Disconnect the light switch -E1- electrical connector.

NOTE: **The illustration shows the light switch removed.**

- Disconnect the electrical connector -1- from the headlamp range control adjuster -E102- by pressing the release button.

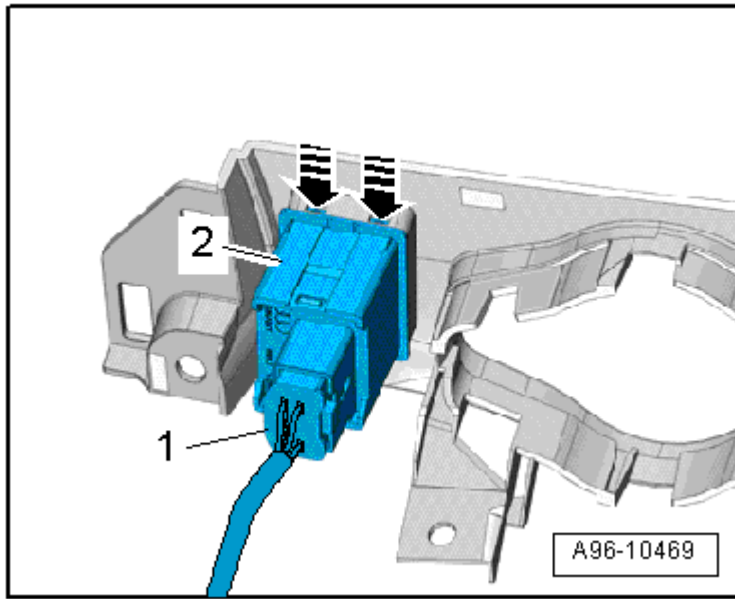


Fig. 81: Disconnecting Electrical Connector -1- From Headlamp Range Control Adjuster -E102- By Pressing Release Button

Courtesy of AUDI OF AMERICA, LLC

- Carefully release the retaining hooks -arrows- using a small screwdriver.
- Remove the headlamp range control adjuster -item 2- from the light switch trim.

Installing

Install in reverse order of removal, observing the following:

- Install the light switch trim. Refer to **Removal and Installation** .
- Install the instrument cluster gap cover. Refer to **Removal and Installation** .
- Install the driver side instrument panel cover. Refer to **Removal and Installation** .

INSTRUMENT PANEL VENT ILLUMINATION BULB

Removing

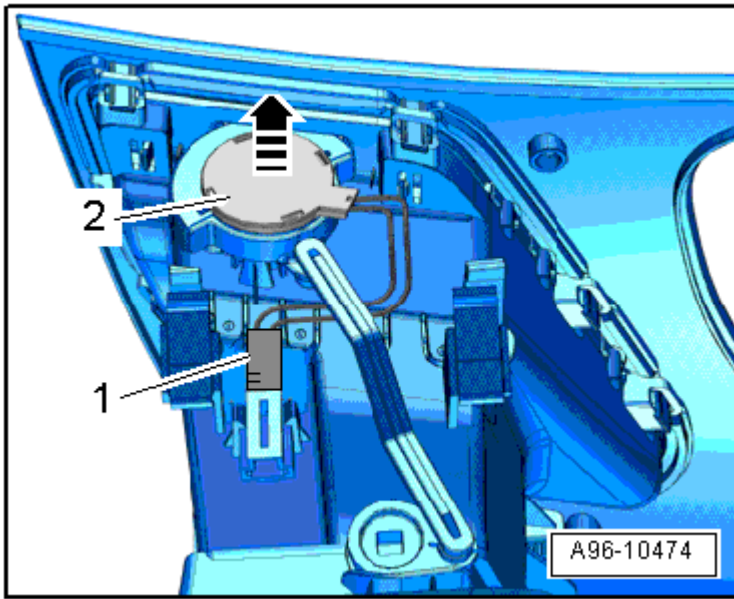


Fig. 82: Identifying Instrument Panel Vent Illumination Bulb, Removal
Courtesy of AUDI OF AMERICA, LLC

- Remove the affected instrument panel vent. Refer to **Removal and Installation** .
- Release the retaining clips and remove the electrical connector -1- from the instrument panel vent.
- Pry the Light Emitting Diode (LED) housing -2- upward and off using a small screwdriver -arrow-.
- Remove the instrument panel vent LED.

Installing

Install in reverse order of removal, observing the following:

- Install the instrument panel vent. Refer to **Removal and Installation** .

INSTRUMENT PANEL AND SWITCH ILLUMINATION DIMMER SWITCH

The instrument panel and switch illumination dimmer switch -E20- is seated in a shared housing with the light switch -E1- and cannot be replaced separately if faulty.

- Replace the headlamp switch. Refer to **LIGHT SWITCH**.

LIGHT SWITCH

Special tools and workshop equipment required

- Trim Removal Wedge 3409

Removing

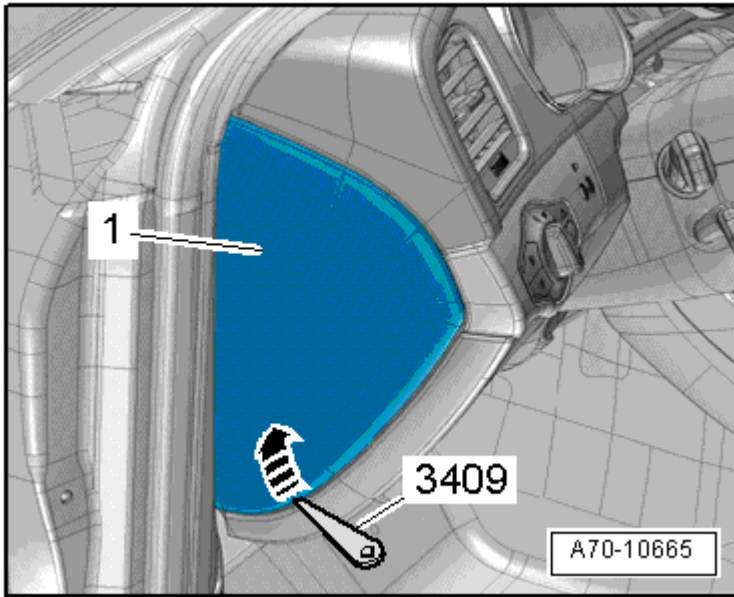


Fig. 83: Identifying Instrument Panel Cover, Removal
Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Turn the light switch to the "0" position.
- Pry the instrument panel side cover -1- up using the 3409 -arrow- and remove it.
- Open the clip -arrow A- and move fuse panel C -2- in the -direction of arrow B- on the instrument panel central tube -1-.

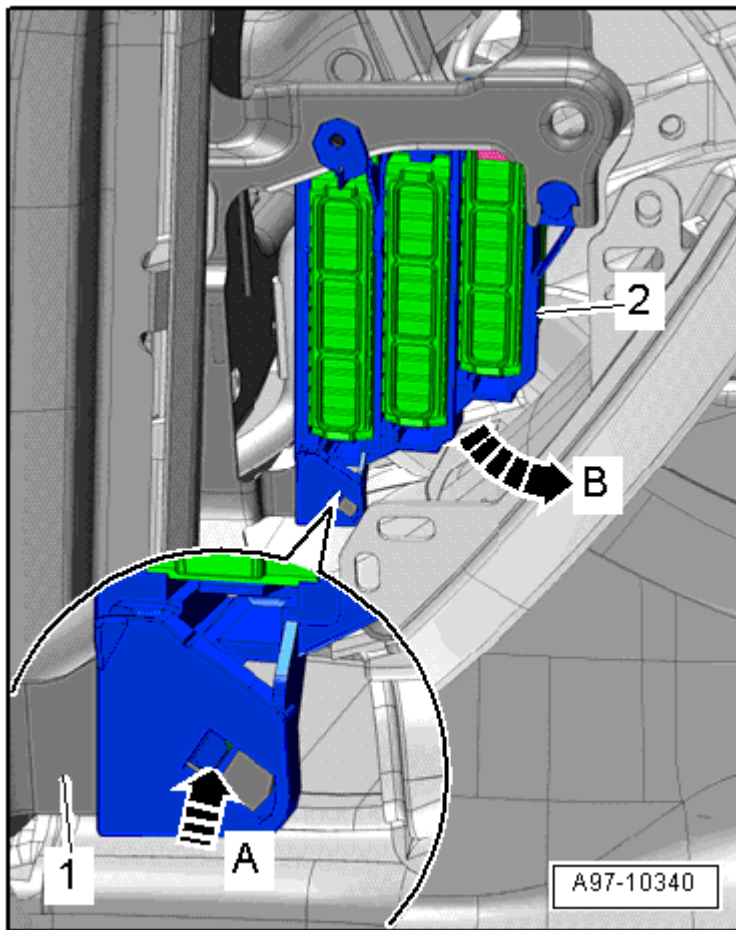


Fig. 84: Identifying Fuse Panel, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Reach through the opening on the side of the instrument panel and push the light switch -1- toward the rear and out of the instrument panel cover on the driver side -arrow-.

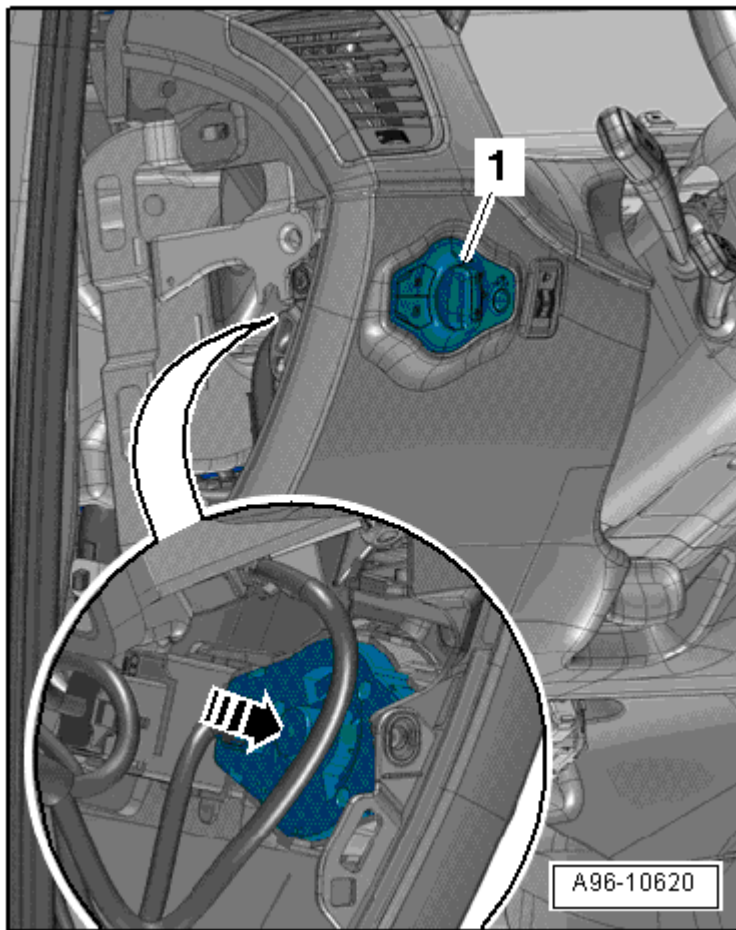


Fig. 85: Identifying Light Switch, Removal
 Courtesy of AUDI OF AMERICA, LLC

-- Disconnect the electrical connector.

Installing

Install in reverse order of removal, observing the following:

-- Press the button unit into the switch housing until the lock mechanism engages.

VALET PARKING LOCK BUTTON

Removing

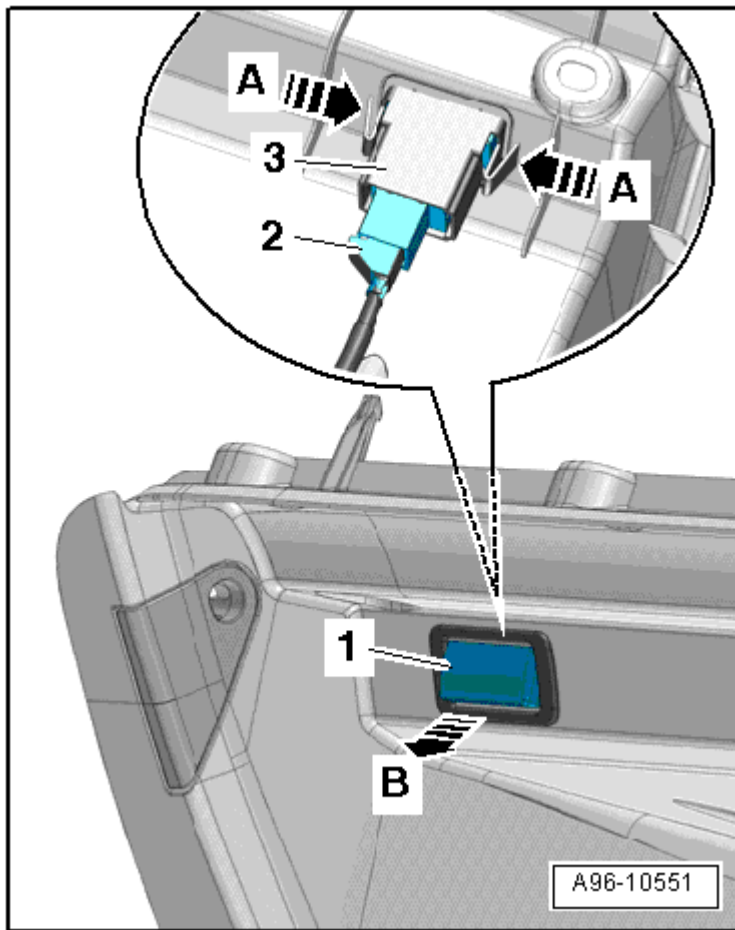


Fig. 86: Identifying Valet Parking Lock Button, Removal
Courtesy of AUDI OF AMERICA, LLC

- Remove the glove compartment. Refer to **Removal and Installation** .
- Disconnect the electrical connector -2-.
- Release the retaining clips -A arrows- and press the trim -3- for the valet parking lock button -E536- -item 1- forward and out -arrow B-.
- Carefully release the retaining clips -arrows- with a small screwdriver.

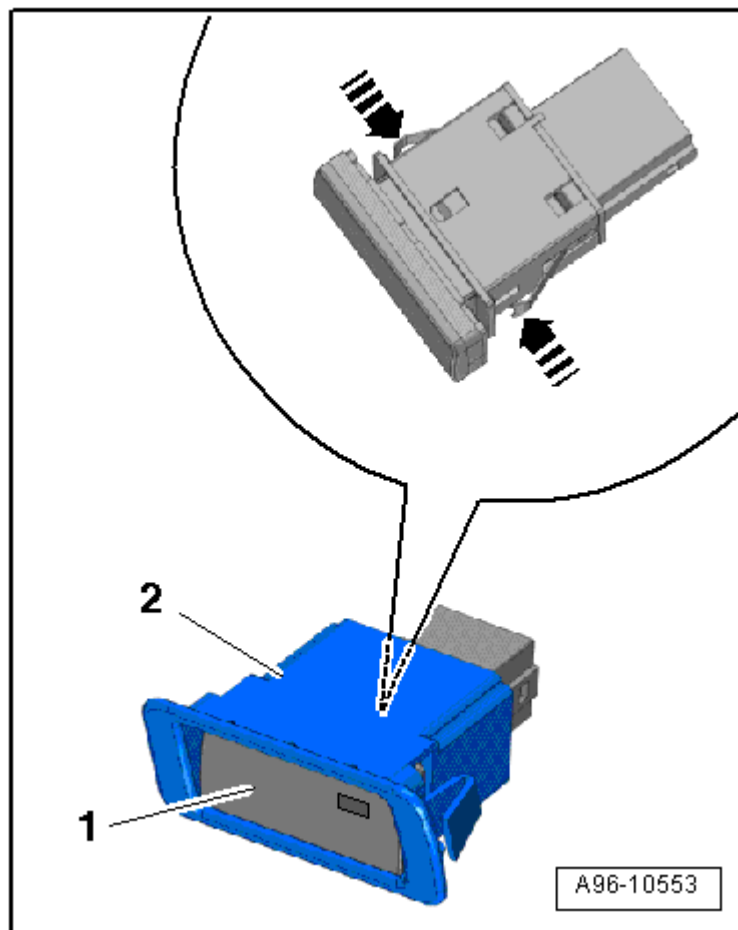


Fig. 87: Releasing The Retaining Clips

Courtesy of AUDI OF AMERICA, LLC

-- Remove the valet parking lock button -item 1- forward from the trim -2-.

Installing

Install in reverse order of removal, observing the following:

-- Install the glove compartment. Refer to **Removal and Installation** .

INTERIOR REARVIEW MIRROR COMPONENTS

HUMIDITY SENSOR -G355-, WITHOUT HEADLAMP ASSISTANT

Removing

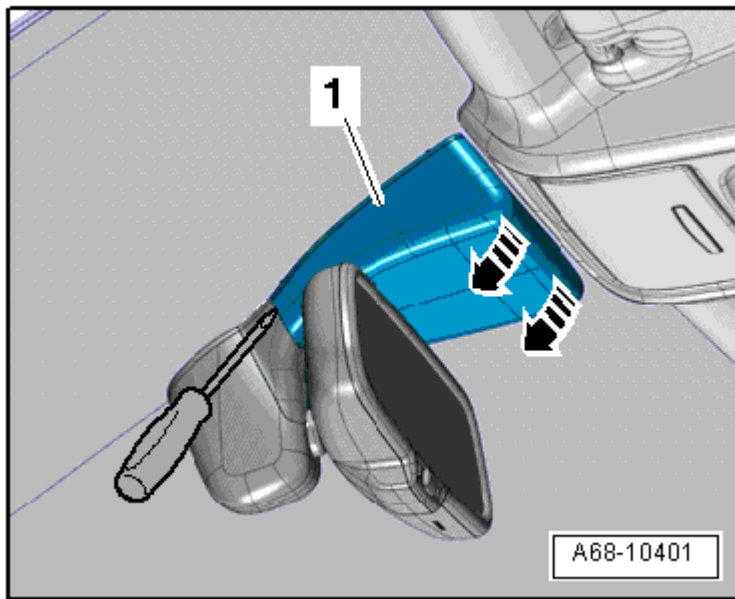


Fig. 88: Identifying Removal Of Lower Cover -1- -Arrows-
Courtesy of AUDI OF AMERICA, LLC

With Lane Assist

- Unclip the top cover -1- on the mirror base -arrows-.
- Disengage the bottom cover on the mirror base using a screwdriver and remove it.

Without Lane Assist

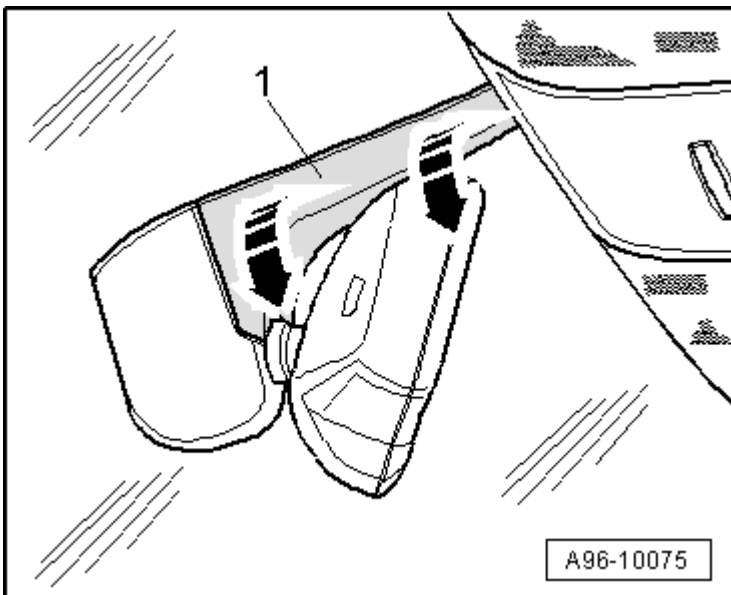


Fig. 89: Prying Off Cover At Upper Mirror Base
Courtesy of AUDI OF AMERICA, LLC

-- Pry the top cover -1- from the interior rearview mirror base -arrows-.

Continuation for All Vehicles

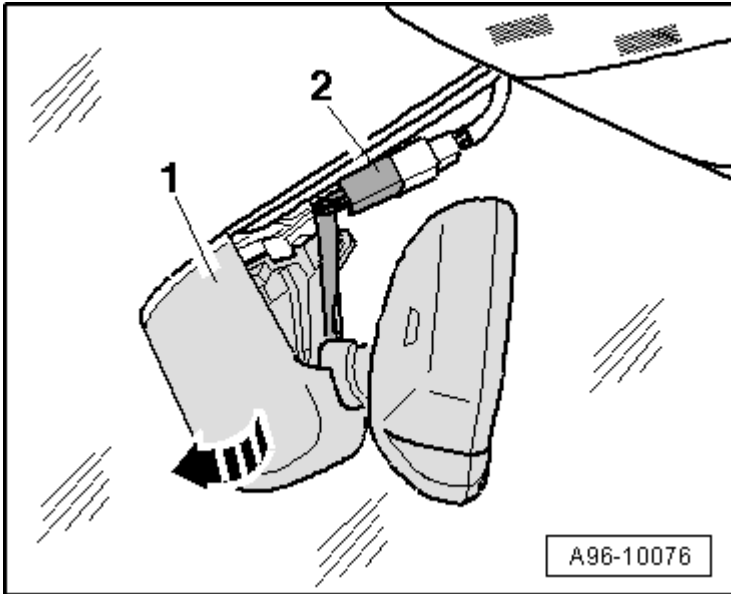


Fig. 90: Disconnecting Electrical Harness Connector And Rotating Interior Mirror At Mirror Base
Courtesy of AUDI OF AMERICA, LLC

-- Remove the electrical connector from the bracket.

-- Disconnect the electrical connector -2-.

-- Turn the interior rearview mirror on the base -1- counterclockwise -arrow- as far as the stop.

-- Remove the interior mirror from the holding plate.

-- Spread the cover -1- apart slightly on both sides -arrows- and remove it from the interior rearview mirror base -2-.

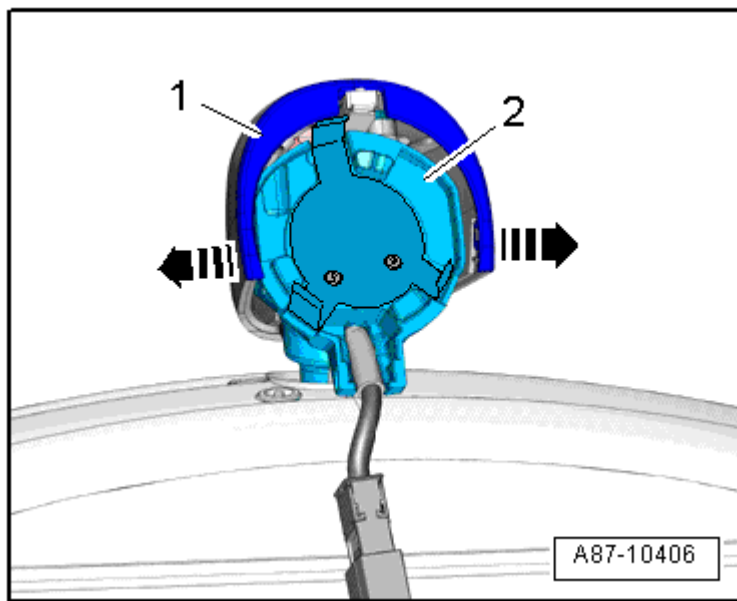


Fig. 91: Spreading Cover -1- Apart Slightly On Both Sides
Courtesy of AUDI OF AMERICA, LLC

-- Disconnect the electrical connector -2-.

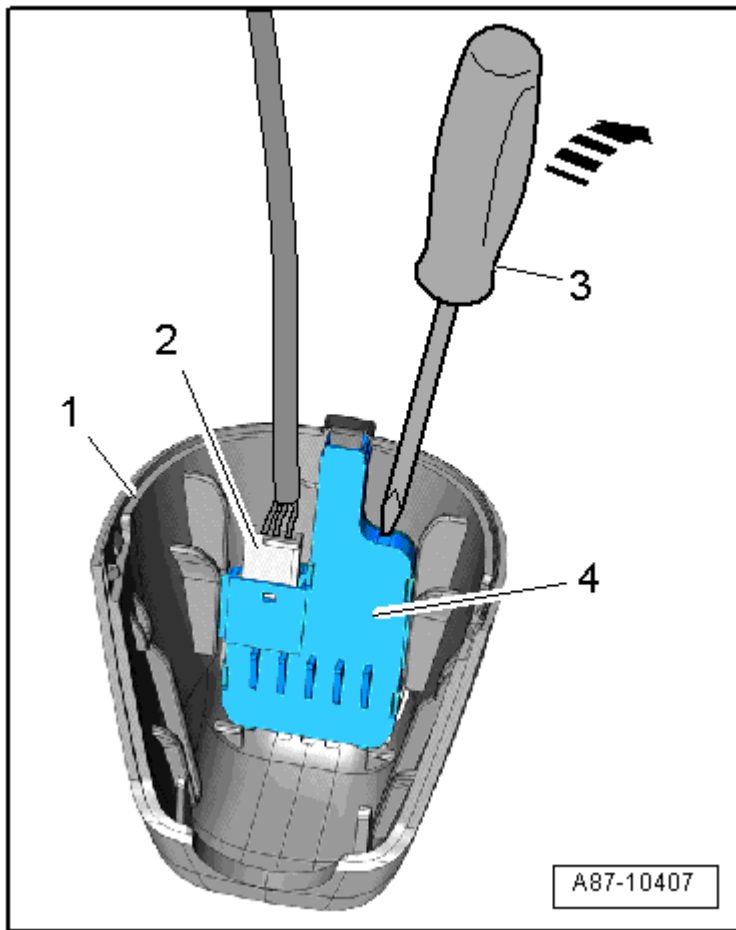


Fig. 92: Using Small Screwdriver -3-, Carefully Press Humidity Sensor -G355- -Item 4- Off Cover -1- - Arrow- And Remove It Upward

Courtesy of AUDI OF AMERICA, LLC

-- Using a small screwdriver -3-, carefully press the humidity sensor -G355- -item 4- off the cover -1- -arrow- and remove it upward.

Installing

Install in reverse order of removal, observing the following:

-- Carefully place the humidity sensor in the side guides.

NOTE: The cover cannot be installed if the humidity sensor is not inserted correctly.

-- Install the interior rearview mirror. Refer to **Removal and Installation** .

HUMIDITY SENSOR -G355-, WITH HEADLAMP ASSISTANT

Removing

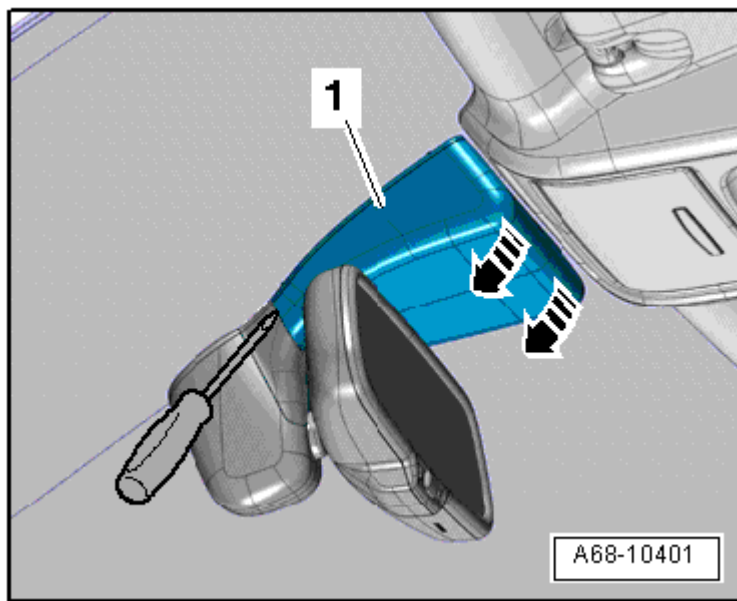


Fig. 93: Identifying Removal Of Lower Cover -1- -Arrows-
Courtesy of AUDI OF AMERICA, LLC

With Lane Assist

- Unclip the top cover -1- on the mirror base -arrows-.
- Disengage the bottom cover on the mirror base using a screwdriver and remove it.

Without Lane Assist

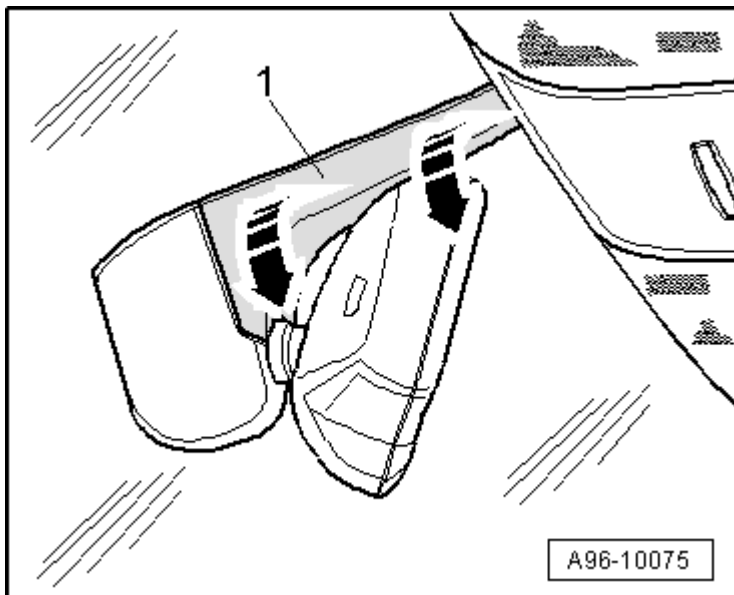


Fig. 94: Prying Off Cover At Upper Mirror Base
Courtesy of AUDI OF AMERICA, LLC

-- Pry the top cover -1- from the interior rearview mirror base -arrows-.

Continuation for All Vehicles

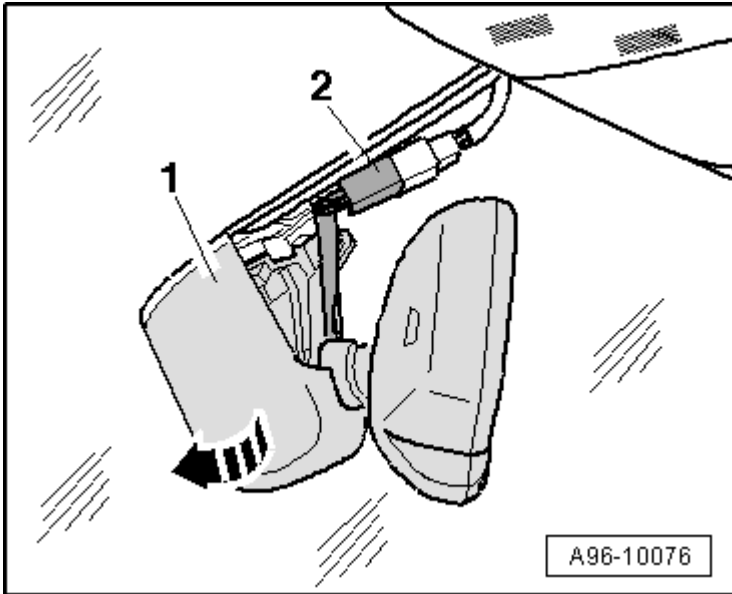


Fig. 95: Disconnecting Electrical Harness Connector And Rotating Interior Mirror At Mirror Base
Courtesy of AUDI OF AMERICA, LLC

- Remove the electrical connector from the bracket.
- Disconnect the electrical connector -2-.
- Turn the interior rearview mirror on the base -1- counterclockwise -arrow- as far as the stop.
- Remove the interior mirror from the holding plate.
- Release the retaining tabs -1 and 2- with a screwdriver -3-.

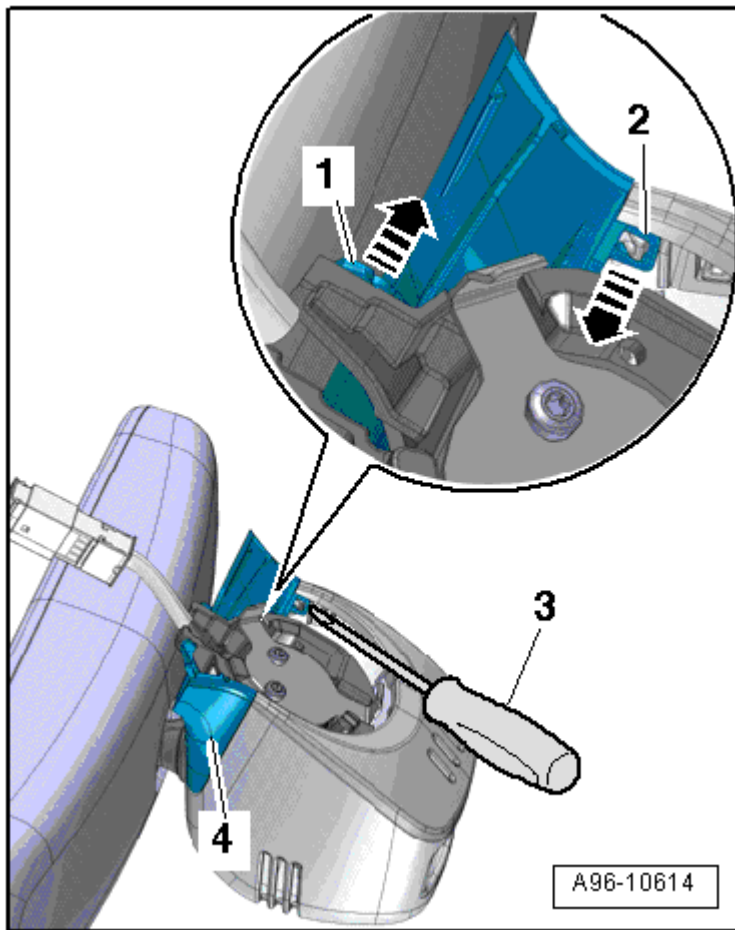


Fig. 96: Releasing Retaining Tabs -1 And 2- With Screwdriver -3-
Courtesy of AUDI OF AMERICA, LLC

- Disengage the rear cover -4-.
- Release the retaining tabs -arrows- and carefully fold the upper cover -2- up slightly.

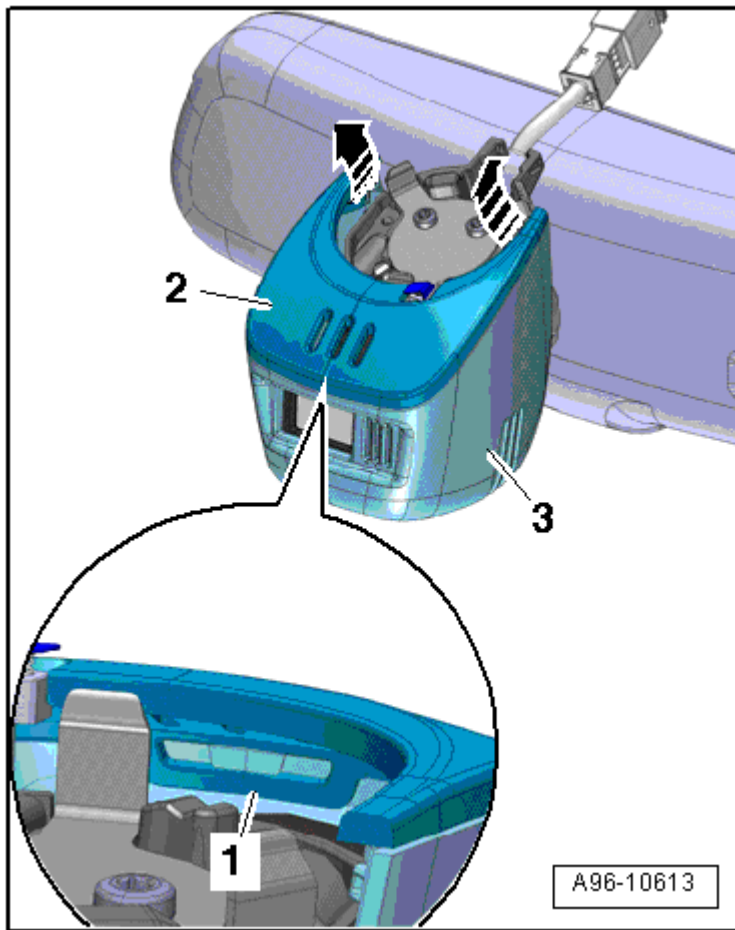


Fig. 97: Releasing Retaining Tabs

Courtesy of AUDI OF AMERICA, LLC

-- Disengage the retaining tab -1- at the front cover -3-.

-- Remove the upper cover.

-- Disengage the retaining hooks in the -direction of the arrow- and remove the front cover -2- downward from the guide bars -1- on the interior rearview mirror base.

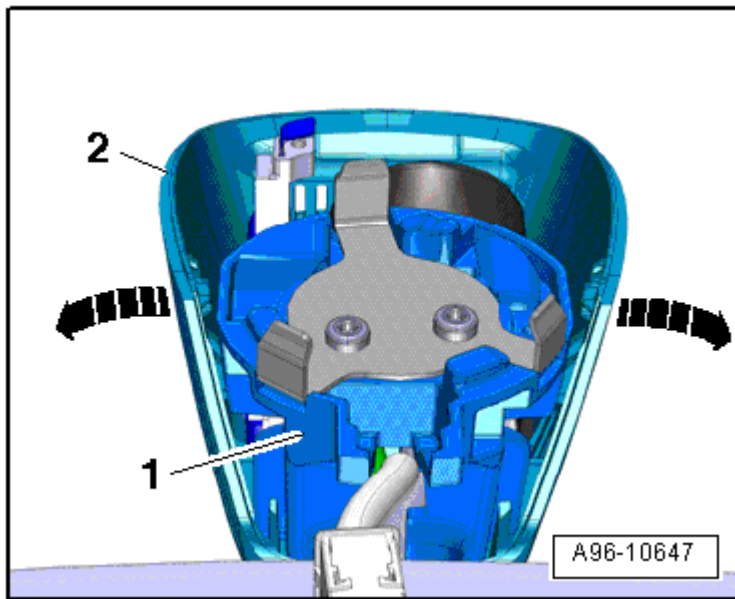


Fig. 98: Disengaging Retaining Hooks
 Courtesy of AUDI OF AMERICA, LLC

-- Release the retaining clips -2- -arrows- and remove the humidity sensor -G355- -item 4- from the interior rearview mirror base -1-.

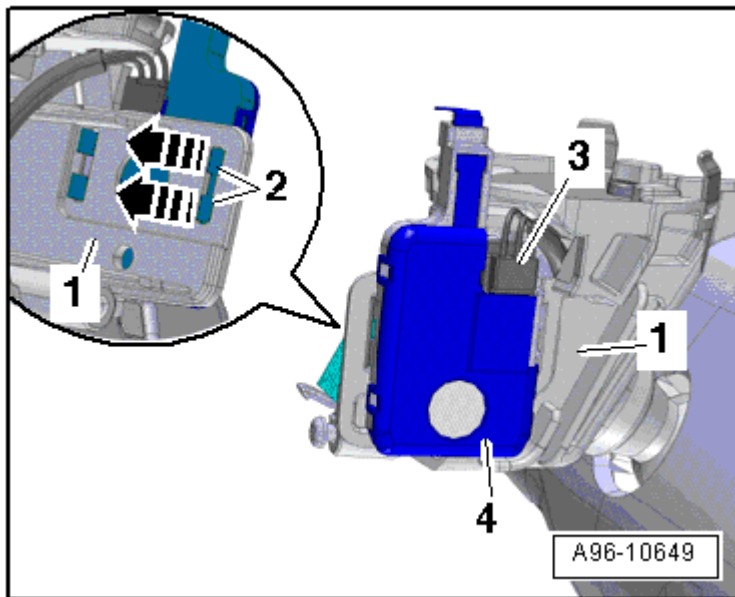


Fig. 99: Releasing Retaining Clips
 Courtesy of AUDI OF AMERICA, LLC

-- Disconnect the electrical connector -3-.

Installing

- Tightening specification, refer to **HEADLAMP ASSISTANT, HUMIDITY SENSOR AND LANE ASSIST OVERVIEW**.

Install in reverse order of removal, observing the following:

-- Install the interior rearview mirror. Refer to **Removal and Installation** .

REAR DOOR LAMPS AND SWITCHES

WINDOW REGULATOR SWITCHES

Removing

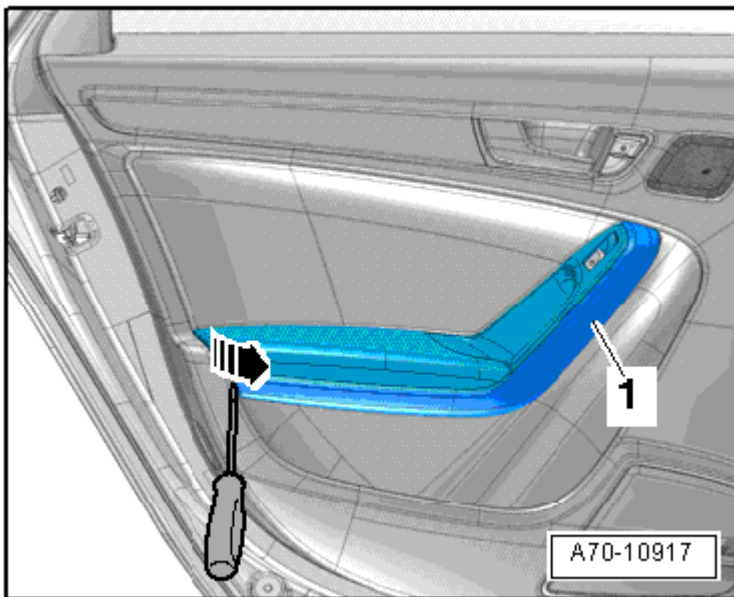


Fig. 100: Inserting Screwdriver Into Hole On Bottom Of Trim -1-
Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Insert a screwdriver in the hole at the bottom of the trim -1-.
- Beginning at the rear, carefully pry the trim out of the door trim -arrow-.
- Carefully release the retaining hooks -arrows- using a small screwdriver.

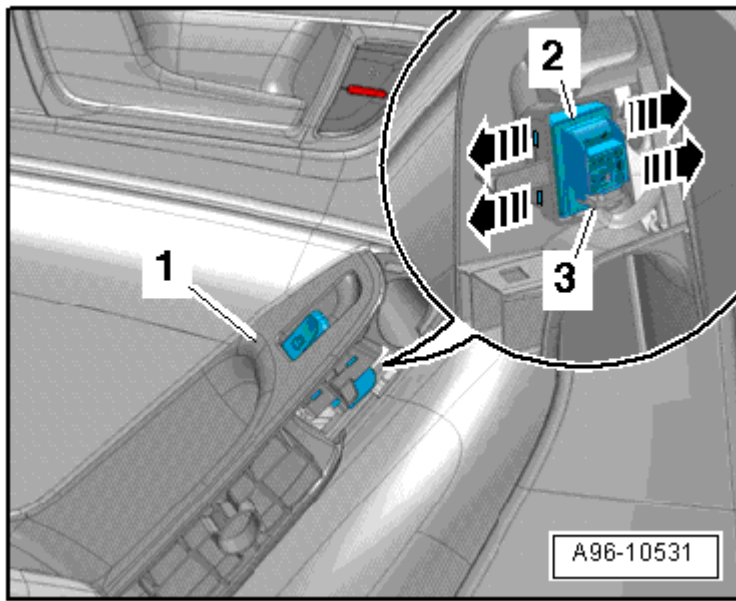


Fig. 101: Carefully Releasing Retaining Hooks
Courtesy of AUDI OF AMERICA, LLC

- Remove the window regulator switch -2- from the mount -1-.
- Disconnect the electrical connector -3-.

Installing

Install in reverse order of removal, observing the following:

- Press the window regulator switch into the switch mount until the fasteners engage.
- Install the armrest trim. Refer to **Removal and Installation** .

REAR INTERIOR LOCKING SWITCHES

Removing

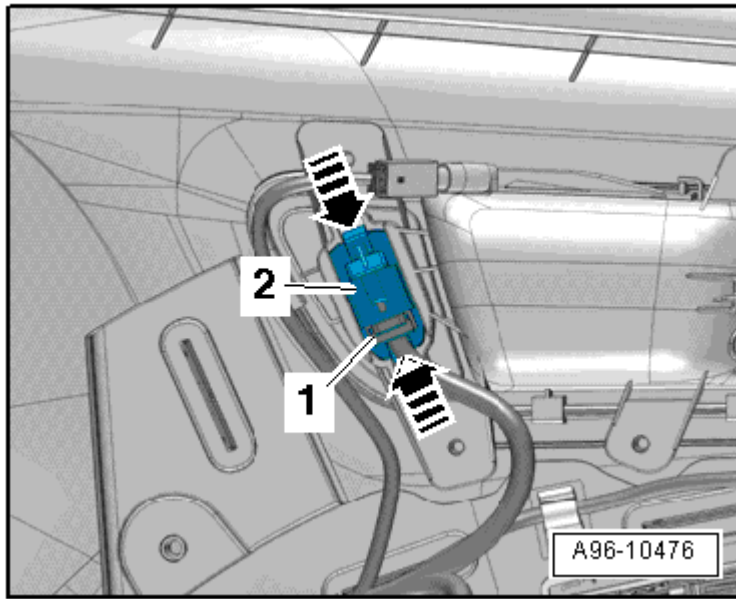


Fig. 102: Identifying Rear Interior Locking Switches, Removal
Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Remove the rear door trim. Refer to **Removal and Installation** .
- Disconnect the electrical connector -1-.
- Release the retaining clips -arrows- and press the interior locking button -2- out of the door trim.

Installing

Install in reverse order of removal, observing the following:

- Press the interior locking button into the switch mount until retaining hooks engage.
- Install the rear door trim. Refer to **Removal and Installation** .

REAR DOOR OPENER ILLUMINATION BULB

Removing

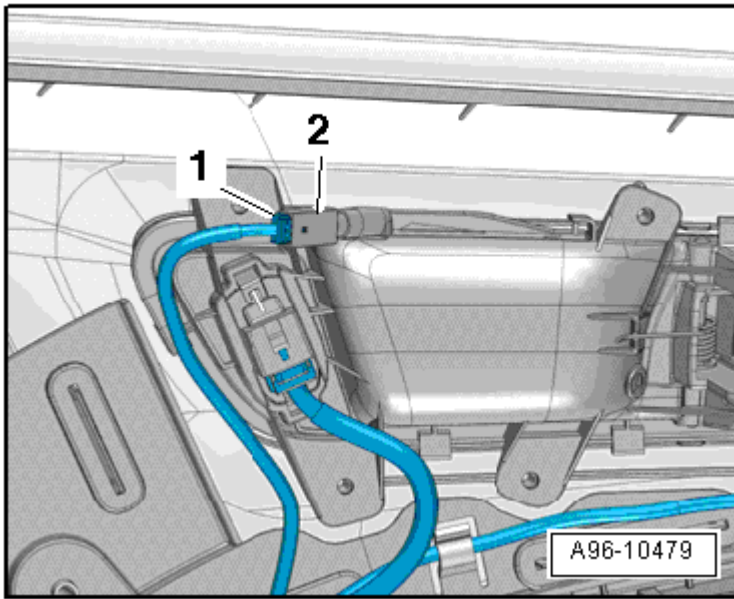


Fig. 103: Identifying Rear Door Opener Illumination Bulb, Removal
Courtesy of AUDI OF AMERICA, LLC

- Remove the rear door trim. Refer to **Removal and Installation** .
- Disconnect the electrical connector -1-.
- Turn the bulb socket -2- to the left and remove it from the door opener.

Installing

Install in reverse order of removal, observing the following:

- Insert the door opener illumination bulb into the opening and engage.
- Install the rear door trim. Refer to **Removal and Installation** .

REAR DOOR CONTACT SWITCHES

The door contact switch is located in the door lock and cannot be replaced individually when faulty.

- Rear door lock removing and installing. Refer to **Removal and Installation** .

REAR ENTRY AND DOOR WARNING LAMPS

Removing

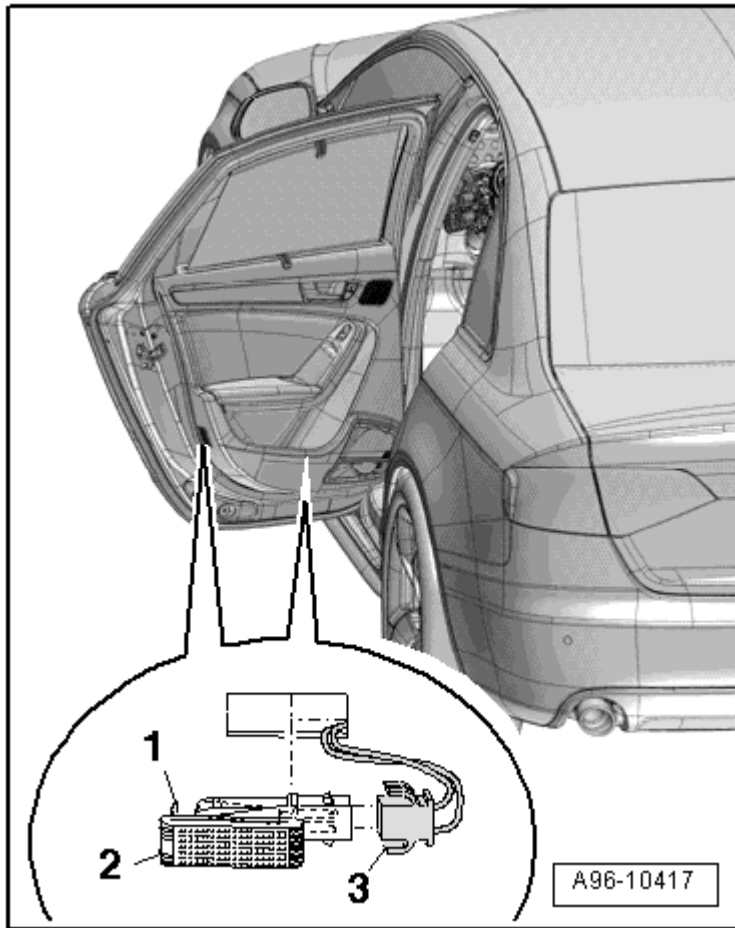


Fig. 104: Identifying Rear Entry And Door Warning Lamps, Removal
Courtesy of AUDI OF AMERICA, LLC

- Press in the catch -1- using a flat screwdriver and pry out the door warning lamp or entry lamp -2-.
- Disconnect the electrical connector -3-.

Door Warning Lamp

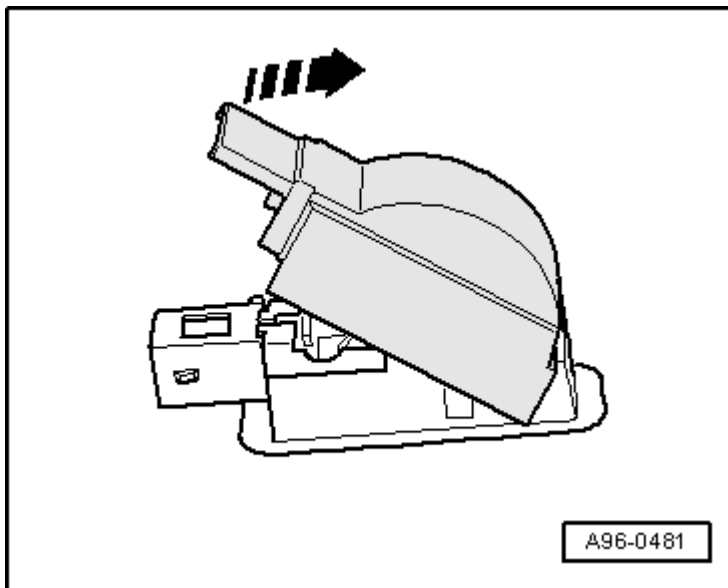


Fig. 105: Prying Off Cover On Door Safety Lamp
Courtesy of AUDI OF AMERICA, LLC

-- Carefully pry the cover over the lamp out -arrow-.

Entry Lamp

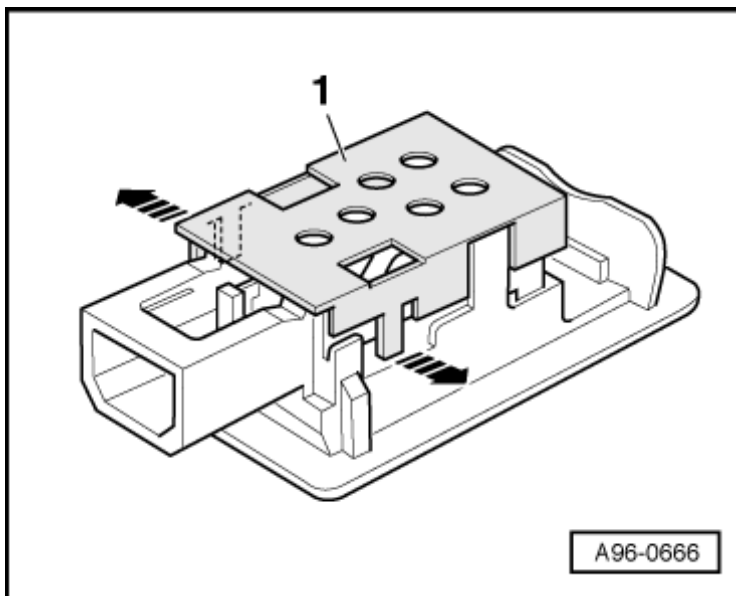


Fig. 106: Releasing Clips And Pulling Cover Off Above Light Bulb
Courtesy of AUDI OF AMERICA, LLC

-- Release the retaining clips -arrows- and remove the cover -1- over the bulb.

Continuation for All Lamps

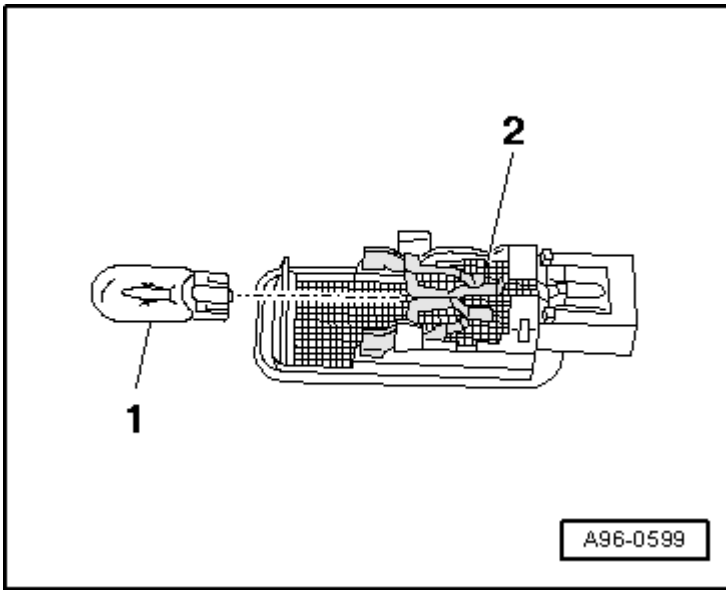


Fig. 107: Identifying Door Safety Light/Entry Light Bulb
Courtesy of AUDI OF AMERICA, LLC

-- Remove the bulb -1- on the rear side of the lamp from the socket -2-.

Installing

Install in reverse order of removal, observing the following:

- Place the cover on the lamp.
- Insert the door warning lamp or entry lamp into the opening and engage it on the opposite side.

ROOF TRIM LAMPS AND SWITCHES

Observe the notes on contact corrosion. Refer to **CONTACT CORROSION**.

AMBIENT LIGHTING LED

Removing

The ambient lighting Light Emitting Diode (LED) is located in the interior lamp/ from reading lamp and cannot be replaced separately if faulty.

- Interior lamp/front reading lamp removing and installing. Refer to **INTERIOR LAMP/FRONT READING LAMP**.

FRONT INTERIOR LAMP

Special tools and workshop equipment required

- Trim Removal Wedge 3409

Removing

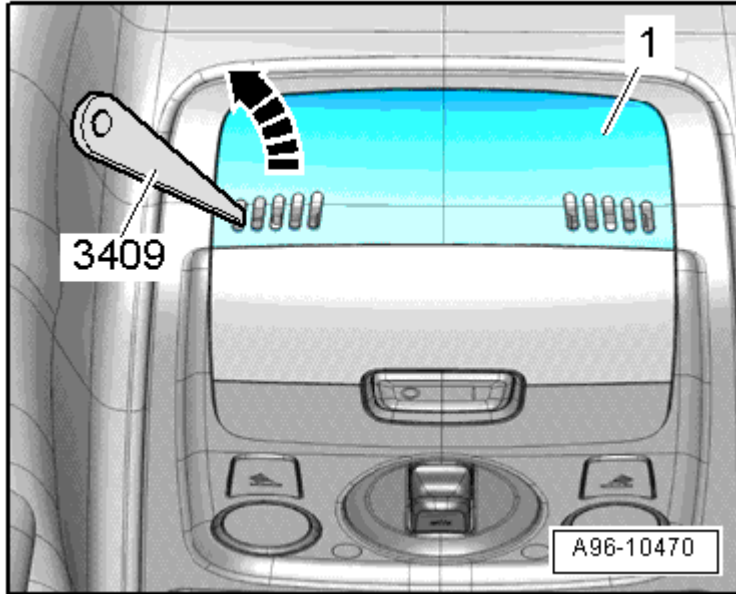


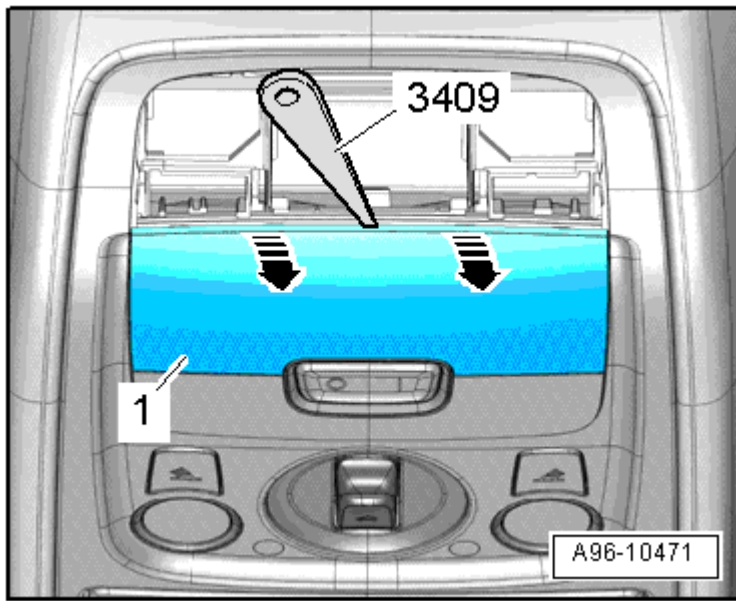
Fig. 108: Identifying Front Interior Lamp Trim, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Position the tip of the 3409 on the ribs on the hands free microphone trim -1-.

- The felt strips under the trim must not be damaged.

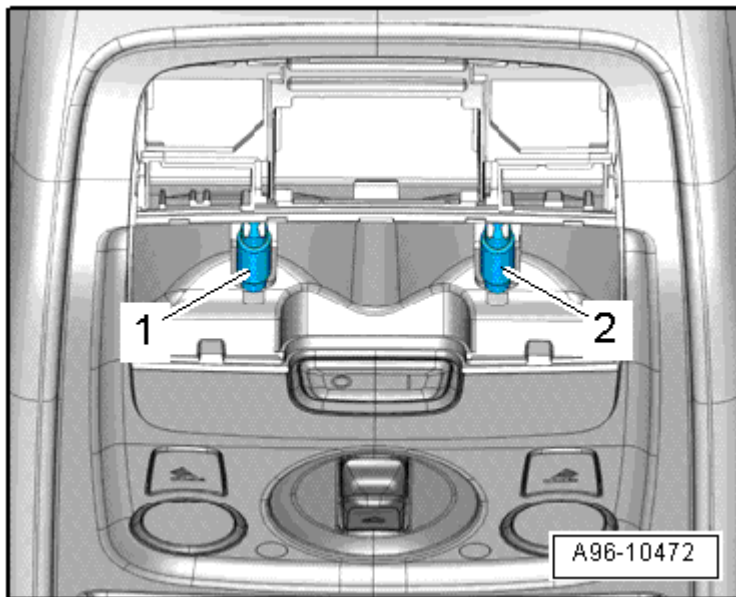
-- Pry the trim off carefully -arrow-.

-- Carefully slide the tip of the 3409 in the center under the lens -1-, release the four retaining tabs and remove the lens -arrows-.

**Fig. 109: Prying Off Trim**

Courtesy of AUDI OF AMERICA, LLC

-- Remove the bulb -1 or 2- (12V, 10 W) from the clamping socket.

**Fig. 110: Identifying The Bulbs 1 Or 2, Removal**

Courtesy of AUDI OF AMERICA, LLC

Installing

-- First insert the four retaining tabs on the lens -1- in the lamp housing -arrows- and press on the back edge until it engages.

Install in reverse order.

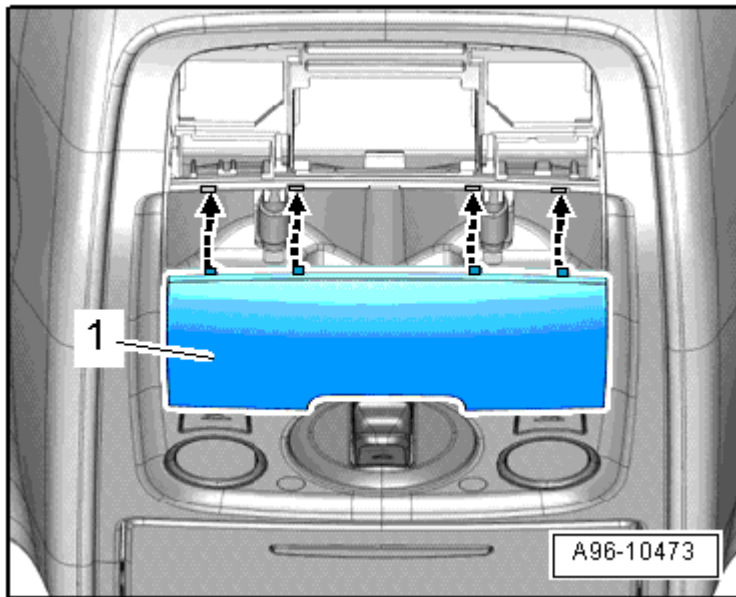


Fig. 111: Install In Reverse Order

Courtesy of AUDI OF AMERICA, LLC

GARAGE DOOR OPENER CONTROL MODULE -J530-, THROUGH MY 2012

Removing

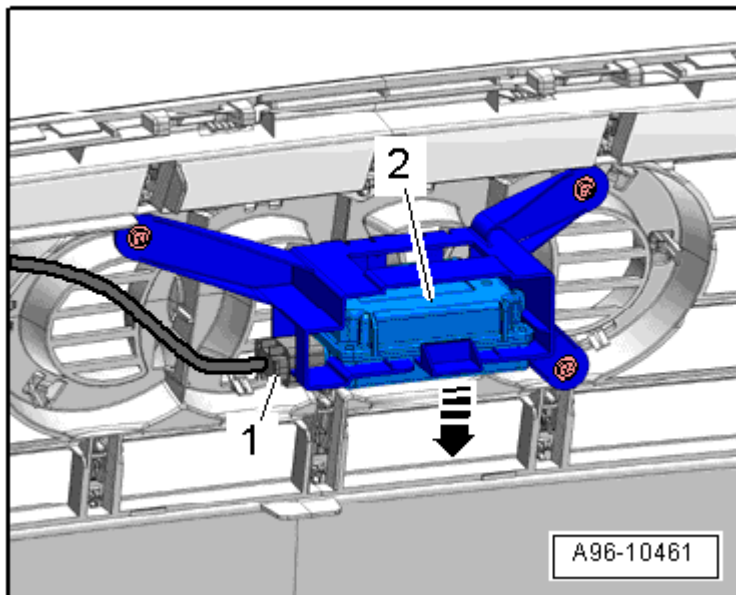


Fig. 112: Identifying Garage Door Opener Control Module, Removal

Courtesy of AUDI OF AMERICA, LLC

-- Remove the lock carrier cover. Refer to **Removal and Installation** .

-- Disconnect the electrical connector -1-.

-- Release the retaining clip -arrow- and remove the garage door opener control module -item 2- from the retaining frame.

Installing

Install in reverse order of removal, observing the following:

-- Install the lock carrier cover. Refer to **Removal and Installation** .

GARAGE DOOR OPENER CONTROL MODULE -J530-, FROM MY 2013

Removing

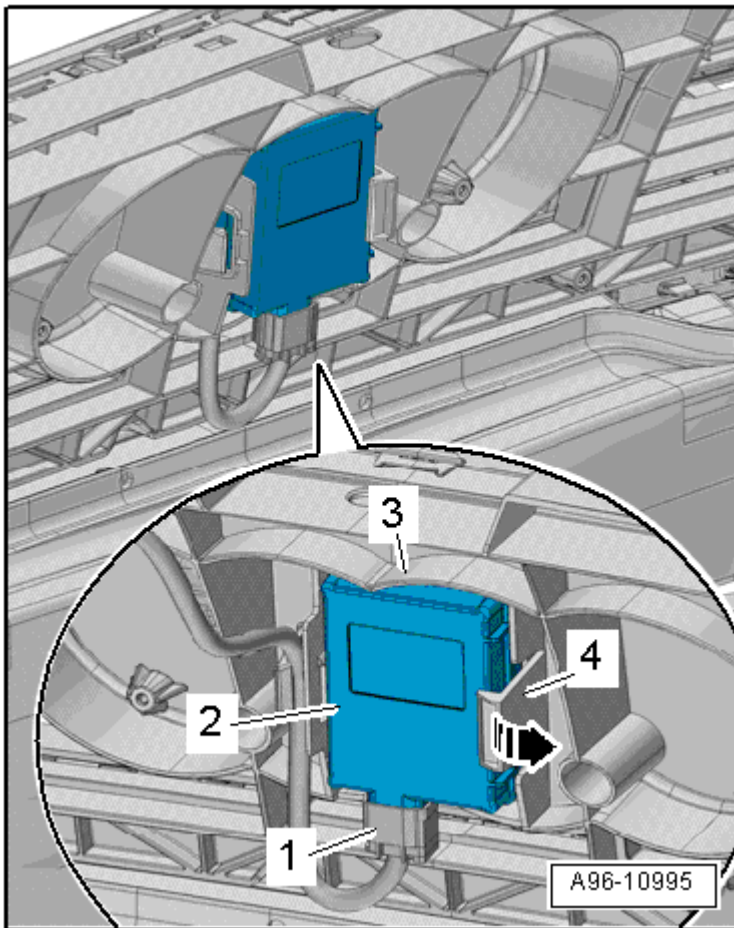


Fig. 113: Identifying Garage Door Opener Control Module, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Remove the lock carrier cover. Refer to **Removal and Installation** .

-- Open the tab -4- -arrow- and remove the control module -2- from the mount -3-.

-- Disconnect the connector -1-.

Installing

Install in reverse order of removal. Note the following:

-- Install the lock carrier cover. Refer to **Removal and Installation** .

GARAGE DOOR OPENER CONTROL HEAD -E284-

Removing

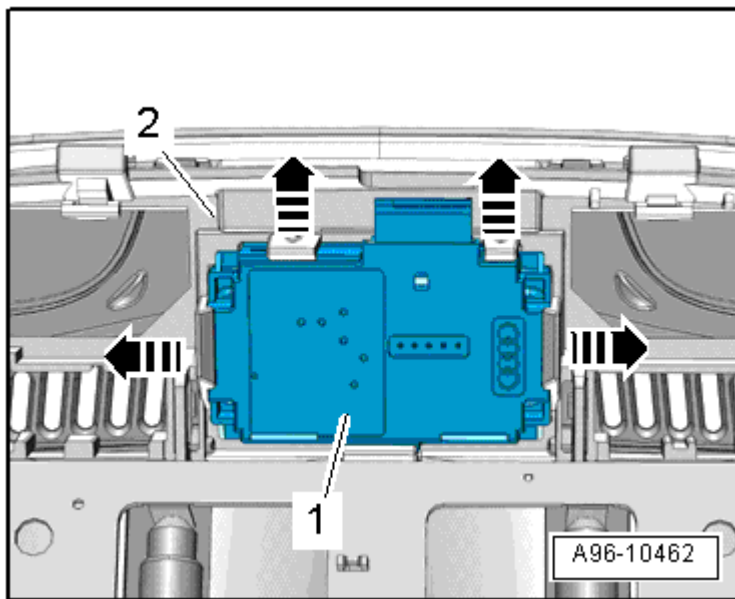


Fig. 114: Identifying Garage Door Opener Control, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Remove the interior lamp/ front reading lamp. Refer to **INTERIOR LAMP/FRONT READING LAMP**.

-- Remove the anti-theft alarm system sensor -G578- if applicable. Refer to **ANTI-THEFT ALARM SYSTEM SENSOR**.

-- Release the retaining clips -arrows- and remove garage door opener control head -item 1- from the interior lamp/front reading lamp -2-.

Installing

Install in reverse order of removal, observing the following:

-- Install the interior lamp/ front reading lamp. Refer to **INTERIOR LAMP/FRONT READING LAMP**.

INTERIOR LAMP/FRONT READING LAMP

Removing

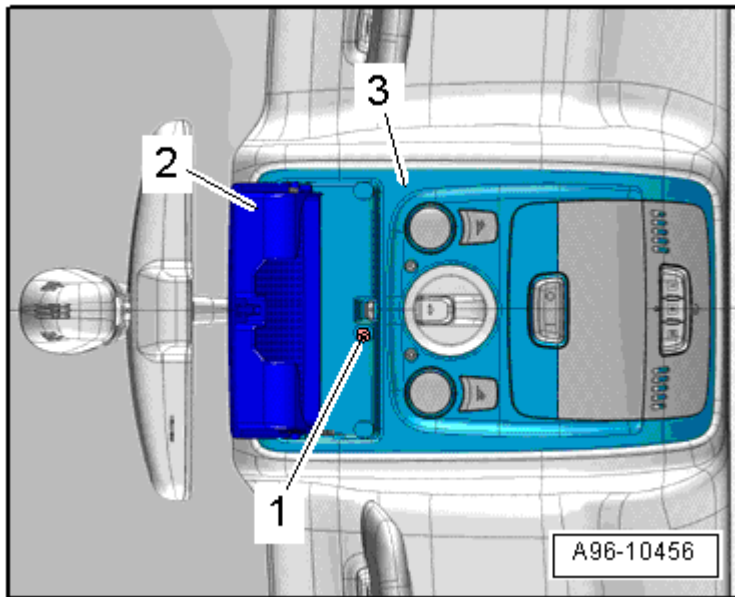


Fig. 115: Identifying Front Interior/Reading Lamp Bolt Tightening Specifications
Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Open the eyeglass compartment -2-.
- Remove the bolt -1-.
- Tip the interior/reading lamp -3- down and remove it from the roof trim.
- Disconnect the electrical connectors.

Installing

- Tightening specification, refer to **ROOF TRIM LAMP AND SWITCHES OVERVIEW => Front Interior/Reading Lamp Bolt Tightening Specifications.**

Install in reverse order of removal, observing the following:

- Engage the interior lamp and bolt on.

INTERIOR LAMP/REAR READING LAMP

Special tools and workshop equipment required

- Removal Wedge 3409

Removing

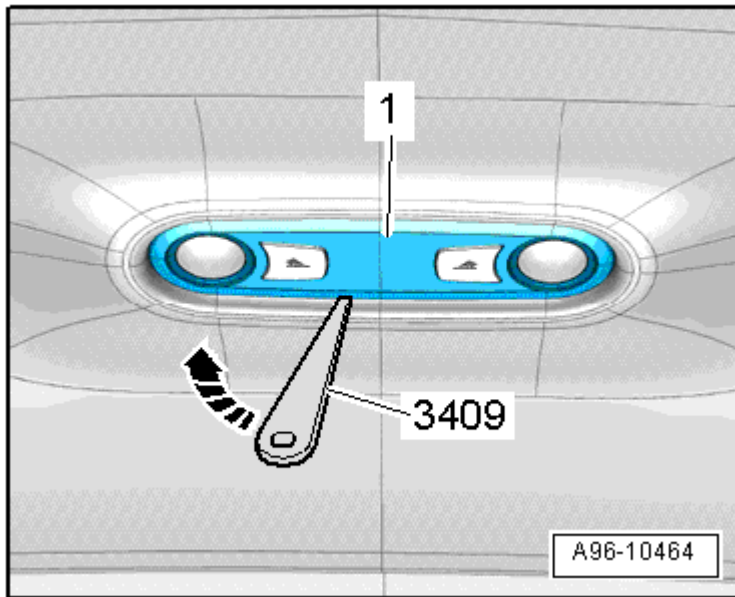


Fig. 116: Identifying Interior Lamp/Rear Reading Lamp, Removal
Courtesy of AUDI OF AMERICA, LLC

- Carefully pry off the interior/reading lamp -1- out of the roof cutout -arrow- using the 3409.
- Disconnect the electrical connector.

Installing

Install in reverse order of removal, observing the following:

- Insert the interior/reading lamp into the roof cutout and clip.

MAP/READING LIGHT BULB

Removing

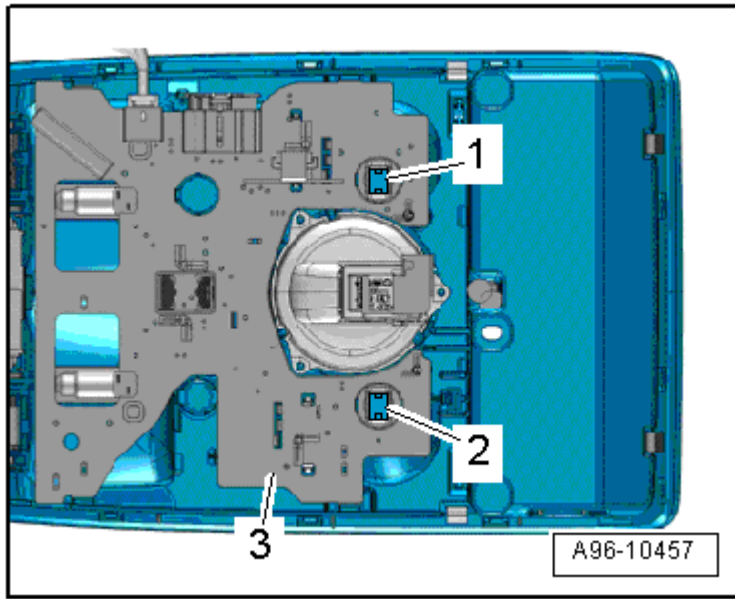


Fig. 117: Identifying Map/Reading Light Bulb, Removal
Courtesy of AUDI OF AMERICA, LLC

- Remove the interior lamp/front reading lamp. Refer to **INTERIOR LAMP/FRONT READING LAMP**.
- Remove the bulb socket -1 or 2- from the interior lamp/reading lamp -3-.
- Remove the bulb (12V, 5 W) from the socket.

Installing

Install in reverse order of removal, observing the following:

- Install the interior lamp/ front reading lamp. Refer to **INTERIOR LAMP/FRONT READING LAMP**.

REAR INTERIOR LAMP

Special tools and workshop equipment required

- Pry Lever - Rmv Outside Mirror 80-200

Removing

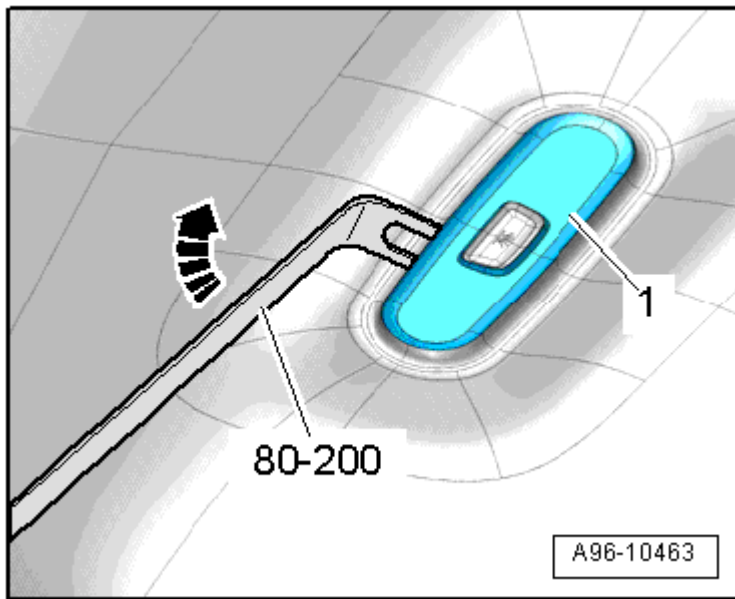


Fig. 118: Prying Interior/Reading Lamp
Courtesy of AUDI OF AMERICA, LLC

- Carefully pry the interior/reading lamp -1- out of the roof opening -arrow- using the 80 - 200.
- Disconnect the electrical connector.

Installing

Install in reverse order of removal, observing the following:

- Insert the interior/reading lamp into the roof cutout and clip.

REAR INTERIOR LAMP BULB

Special tools and workshop equipment required

- Removal Lever 80-200

Removing

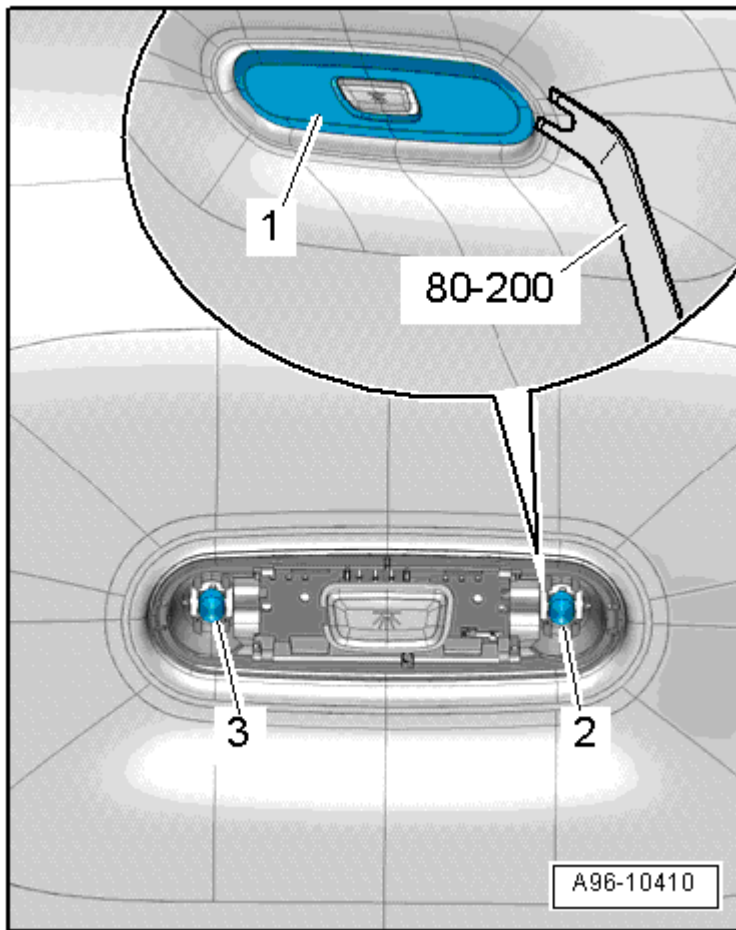


Fig. 119: Identifying Interior Lamp Lens, Removal
Courtesy of AUDI OF AMERICA, LLC

- Release the interior lamp lens -1- using the 80 - 200.
- Remove the bulb -2 or 3- (12V, 5 W) from the socket.

Installing

Install in reverse order of removal, observing the following:

- Press on the lens for the interior lamp until it engages.

REAR INTERIOR/READING LAMP BULB

Special tools and workshop equipment required

- Removal Wedge 3409

Removing

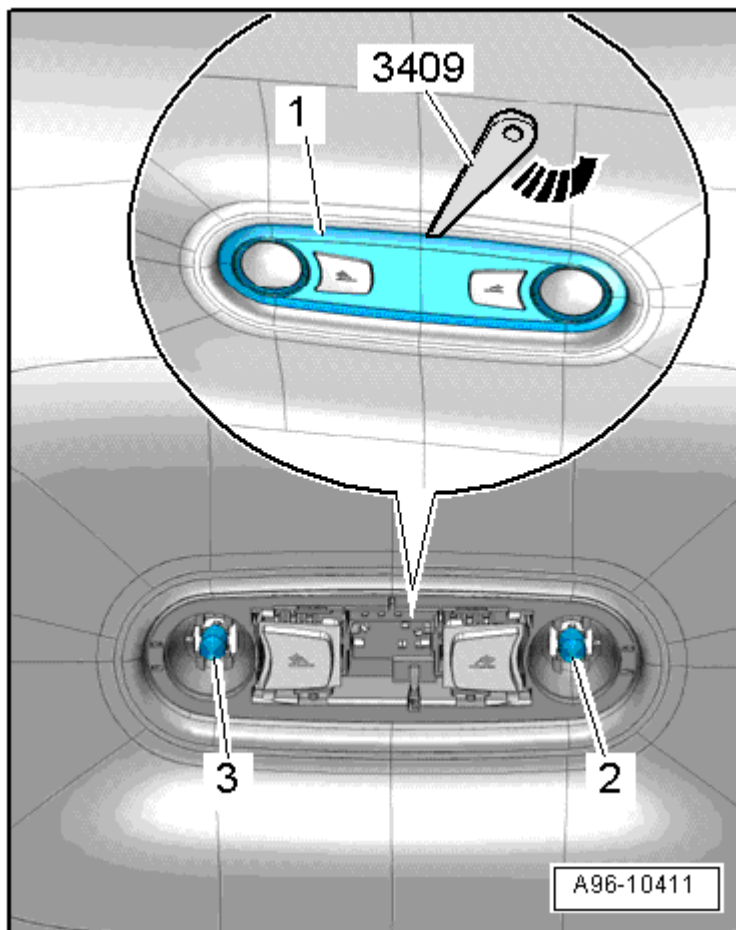


Fig. 120: Identifying Interior Lamp Bulbs, Removal
Courtesy of AUDI OF AMERICA, LLC

- Release the interior/reading lamp lens -1- using the 3409 -arrow-.
- Remove the bulb -2 or 3- (12V, 5 W) from the socket.

Installing

Install in reverse order of removal, observing the following:

- Press on the lens for the interior lamp until it engages.

SUNROOF ADJUSTMENT REGULATOR -E139-

Removing

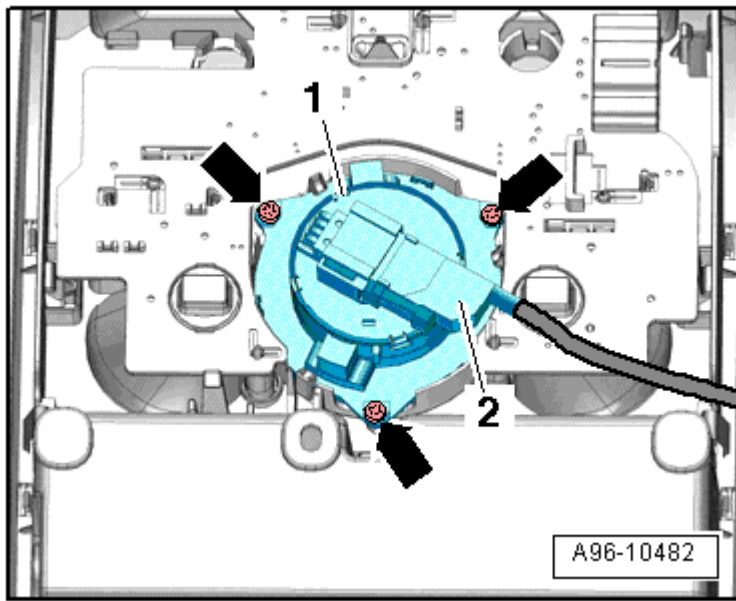


Fig. 121: Identifying Sunroof Adjustment Regulator Bolt Tightening Specification
Courtesy of AUDI OF AMERICA, LLC

- Remove the interior lamp/ front reading lamp. Refer to **INTERIOR LAMP/FRONT READING LAMP**.
- Disconnect the electrical connector -2-.
- Remove the bolts -arrows-.
- Remove the sunroof adjustment regulator -item 1- from the front interior lamp/reading lamp.

Installing

- Tightening specification, refer to **Sunroof Adjustment Regulator Bolt Tightening Specification**.

Install in reverse order of removal, observing the following:

- Install the interior lamp/front reading lamp. Refer to **INTERIOR LAMP/FRONT READING LAMP**.

VANITY MIRROR ILLUMINATION BULB

Removing

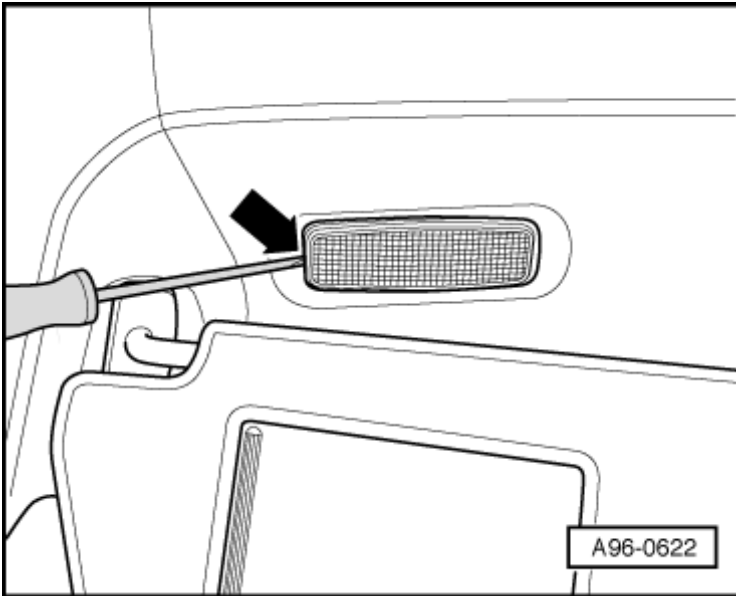


Fig. 122: Prying Out Make-Up Mirror Light Using A Flat Screwdriver At Recess
 Courtesy of AUDI OF AMERICA, LLC

- Using a flat bladed screwdriver, carefully pry the vanity mirror lamp out at the opening -arrow-.
- Disconnect the electrical connector.
- Remove the cover -arrow- to replace the bulb.

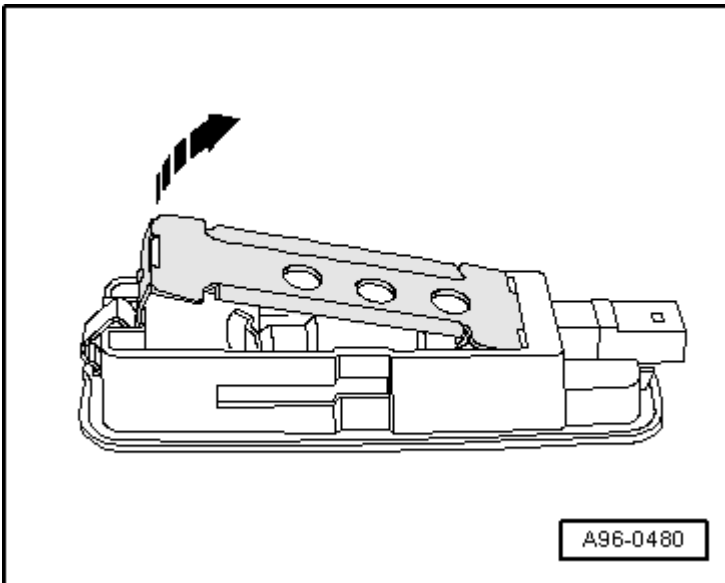


Fig. 123: Identifying Bulb Holder And Cover
 Courtesy of AUDI OF AMERICA, LLC

- Remove the bulb from the socket on the rear side of the vanity mirror lamp.

Installing

Install in reverse order.

VANITY MIRROR LIGHT CONTACT SWITCH

The vanity mirror contact switch is located in the sun visor mount and cannot be replaced separately if faulty.

-- Replace sun visor. Refer to **Removal and Installation** .

TRAILER HITCH

TRAILER HITCH SOCKET

The following procedures can be found in **General Information** :

- Trailer hitch socket removing and installing
- Connector assignment on the trailer hitch socket

TOWING RECOGNITION CONTROL MODULE

Removing

-- If the control module was replaced, select the "Replace" function for the respective control module in "Guided Fault Finding" or "Guided Functions". Refer to the vehicle diagnosis, testing and information system VAS 5051.

-- Select the function or path:

Vehicle brand
Engine identification
69 Towing function J345
69 Replace control module (repair group 96)

-- Follow the instructions on the vehicle diagnostic tester display.

-- Open the luggage compartment right side trim.

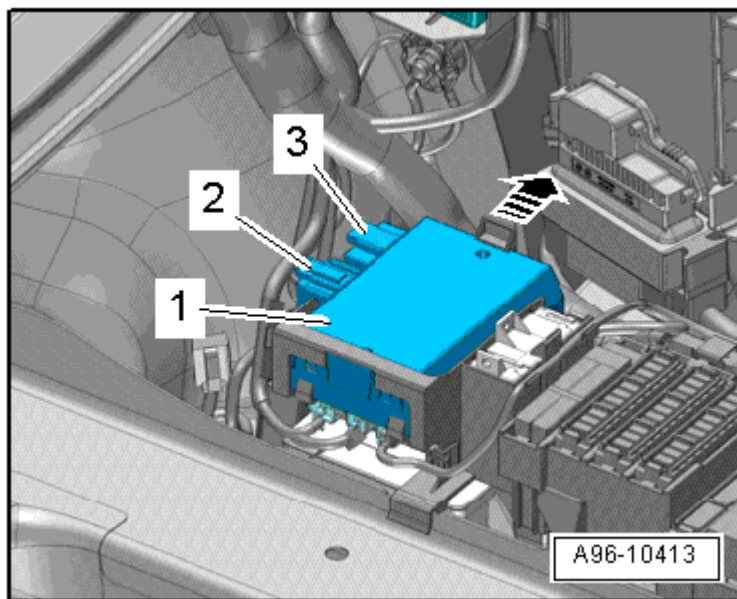


Fig. 124: Identifying Towing Recognition Control Module, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Release retaining clips -arrow- and tilt the towing recognition control module -J345- -item 1- out of the retaining frame.

-- Disconnect the electrical connectors -2 and 3-.

Installing

Install in reverse order.

ULTRASONIC INTERIOR MONITORING

ALARM HORN

Removing

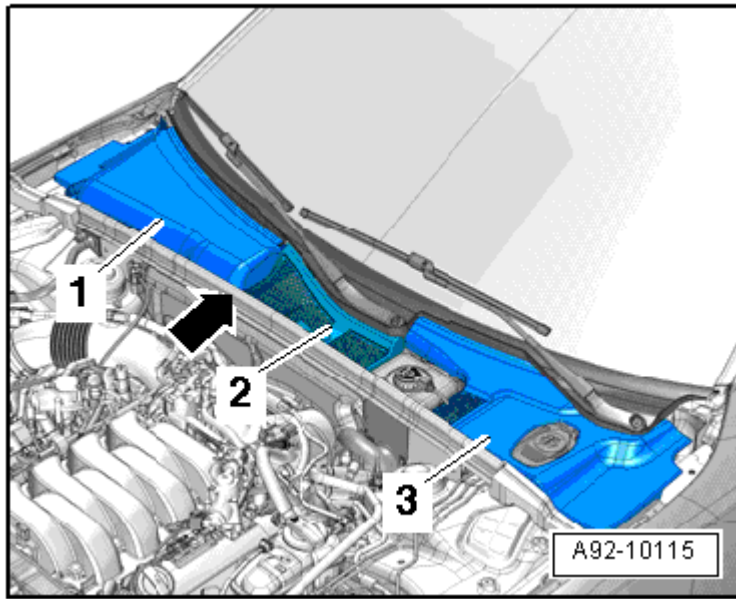


Fig. 125: Identifying Alarm Horn, Removal
Courtesy of AUDI OF AMERICA, LLC

Vehicles through 05.08

-- Unclip the plenum chamber covers -1 and 2- and remove them.

NOTE: Ignore -item 3- and the -arrow-.

Vehicles from 06.08

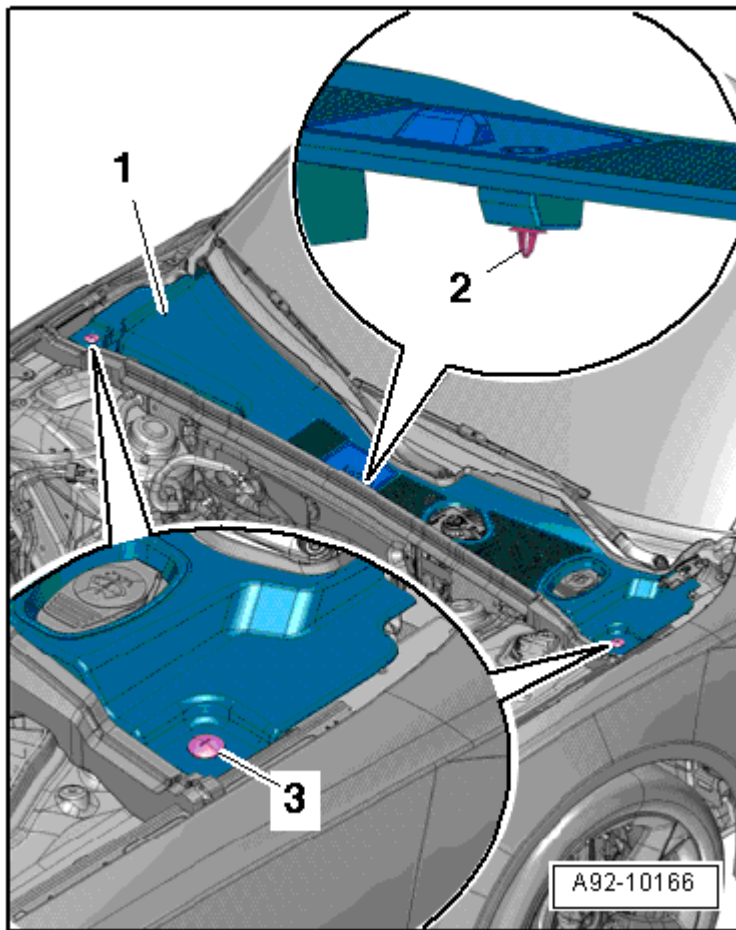


Fig. 126: Identifying Plenum Chamber Cover, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Remove the bolts -3-.

-- Remove the clips -2- from the mounts and remove the plenum chamber cover -1-.

Continuation for All Vehicles

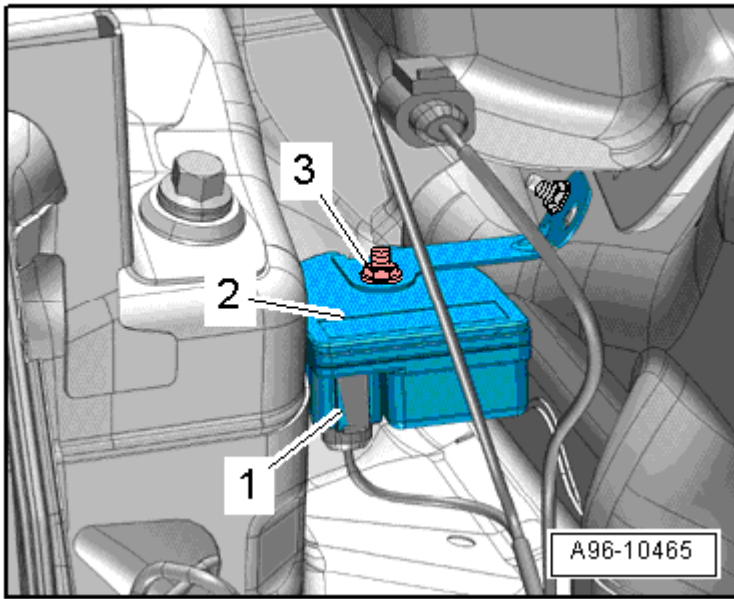


Fig. 127: Identifying Alarm, Removal
Courtesy of AUDI OF AMERICA, LLC

- Remove the nut -3-.
- Disconnect the electrical connector -1-.
- Remove the alarm horn -H12- -item 2- upward.

Installing

- Tightening specification, refer to **ULTRASONIC INTERIOR MONITORING OVERVIEW**.

Install in reverse order of removal, observing the following:

- Engage the retaining tab in the opening on the bracket.

ANTI-THEFT ALARM SYSTEM SENSOR

- The interior monitoring control module 1 -G303- and Inclination sensor/anti-theft system control module -J529- were combined in one component, the anti-theft alarm system sensor -G578-.
- Therefore, the comfort system central control module -J393- has only two "LIN participants" with the "anti-theft warning system" optional equipment.

Removing

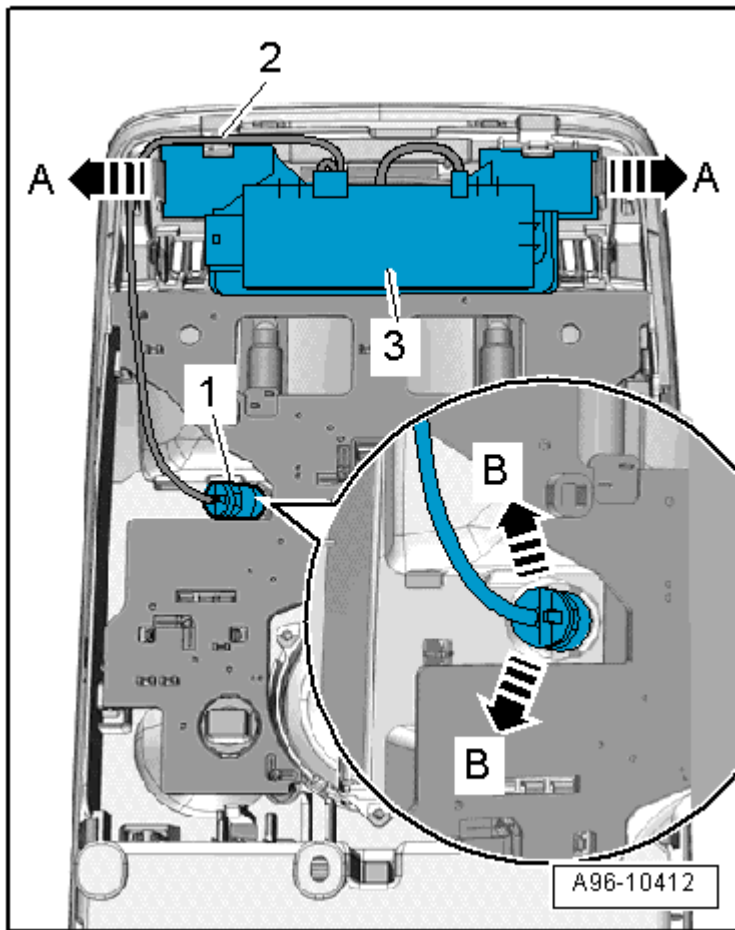


Fig. 128: Identifying Interior Lamp/Front Reading Lamp Bulbs, Removal

Courtesy of AUDI OF AMERICA, LLC

- Remove the interior lamp/front reading lamp. Refer to **INTERIOR LAMP/FRONT READING LAMP**.
- Release the retaining clips -B arrows- and remove the individual anti-theft alarm system sensor -item 1- from the interior/reading lamp.
- Free up the electrical wire -2-.
- Release retaining clips -A arrows- and tilt the anti-theft alarm system sensor -G578- -item 3- out of the interior/reading lamp.
- Press the retaining clips to the side -A arrows- and remove the anti-theft alarm system sensor -item 1- from the mount -2-.

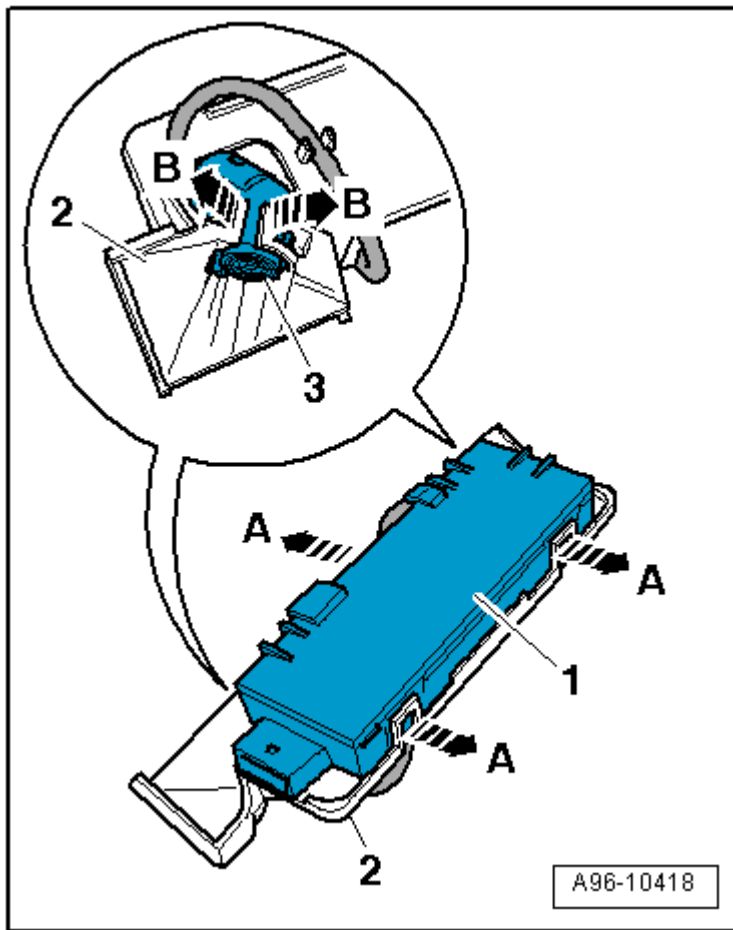


Fig. 129: Identifying Retaining Clips, Removal
Courtesy of AUDI OF AMERICA, LLC

-- Release the retaining clips -B arrows- and press the individual anti-theft alarm system sensors -3- out of the mount.

Installing

Install in reverse order of removal, observing the following:

-- Install the interior lamp/front reading lamp. Refer to **INTERIOR LAMP/FRONT READING LAMP**.

INTERIOR MONITORING SWITCH/ALARM SYSTEM DEACTIVATION SWITCH

Removing

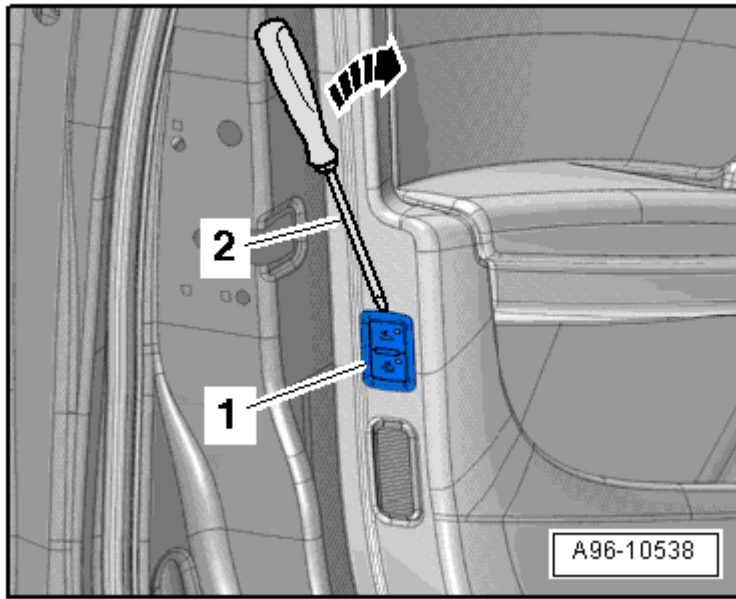


Fig. 130: Identifying Interior Monitoring Switch/Alarm System Deactivation Switch, Removal
Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Carefully pry the trim -1- out of the door trim -arrow- using a small screwdriver -2-.
- Disconnect the electrical connector.
- Carefully release the retaining hooks -arrows- using a small screwdriver.

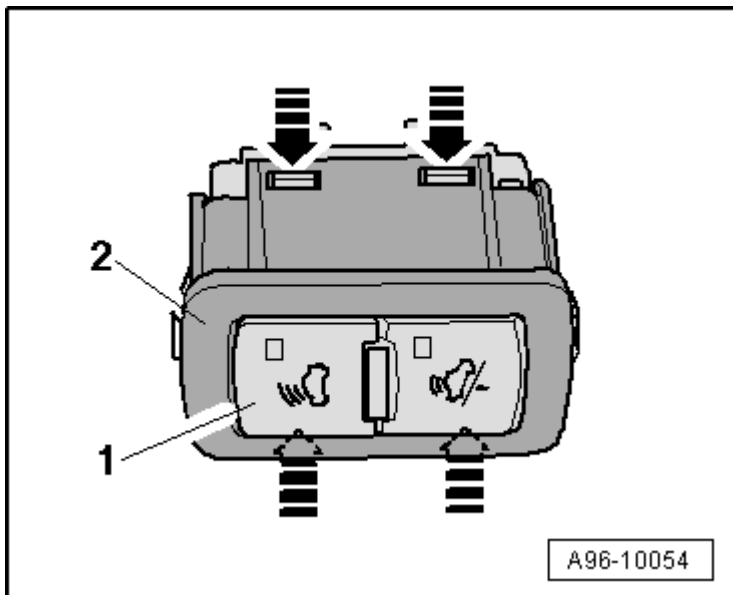


Fig. 131: Identifying Catches, Passenger Compartment Monitoring Switch E183 And Alarm System -Off-Switch E217

Courtesy of AUDI OF AMERICA, LLC

-- Remove the interior monitoring switch -E183- /alarm system deactivation switch -E217- -item 1- out of the trim -2-.

Installing

Install in reverse order.

SPECIAL TOOLS

Special tools and workshop equipment required

- Removal Wedge 3409

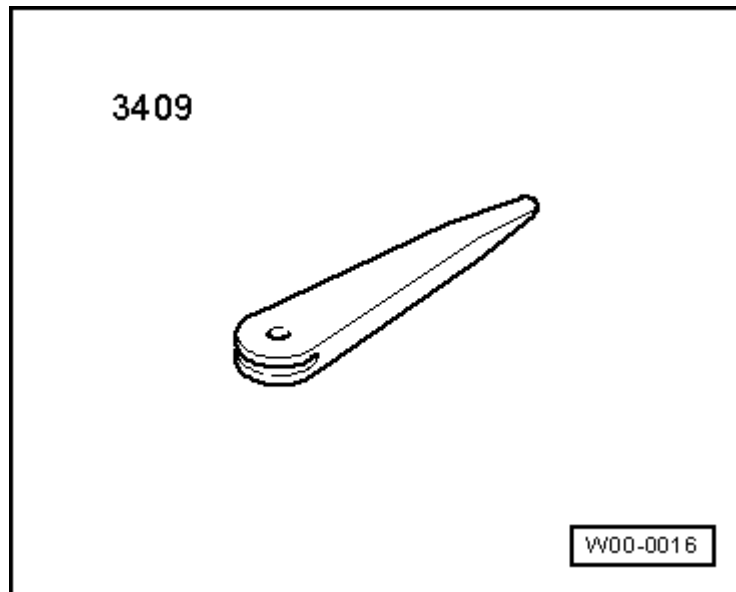


Fig. 132: Identifying Trim Removal Wedge 3409
Courtesy of AUDI OF AMERICA, LLC

- Pry Lever - Rmv Outside Mirror 80-200

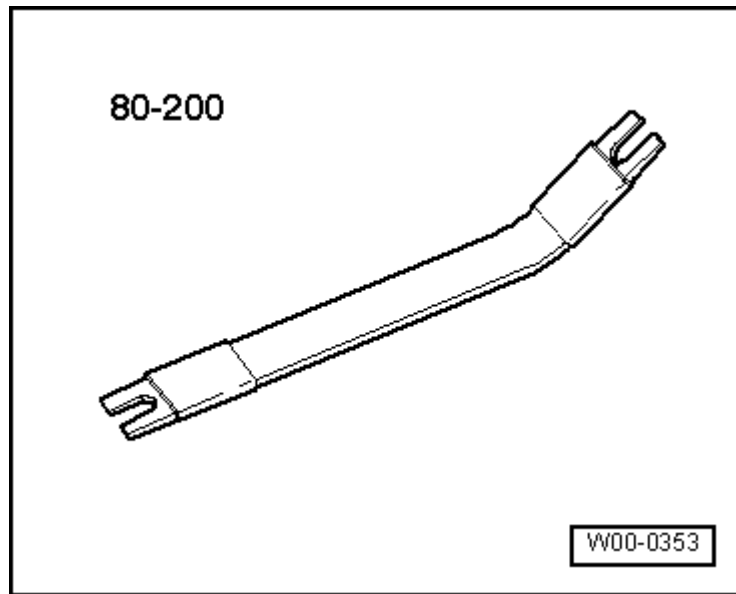


Fig. 133: Identifying Pry Lever 80-200
Courtesy of AUDI OF AMERICA, LLC

- Wedge T10383

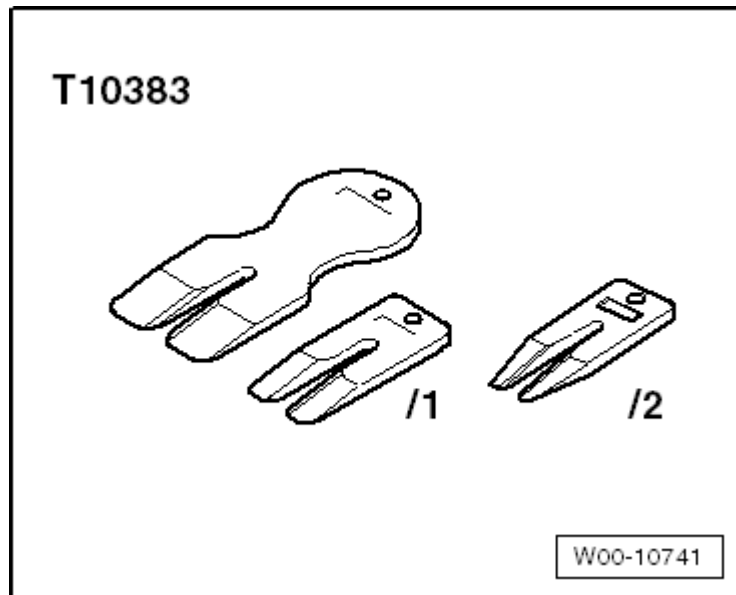


Fig. 134: Identifying Wedge T10383
Courtesy of AUDI OF AMERICA, LLC

- Calibration Tool VAS 6350

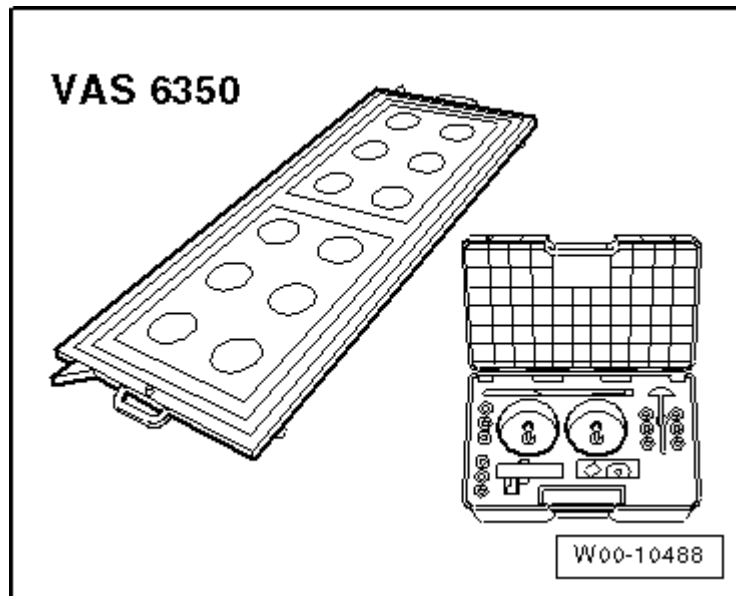


Fig. 135: Identifying Calibration Device VAS 6350
Courtesy of AUDI OF AMERICA, LLC