

ELECTRICAL SYSTEM**Wiring (Sedan)****WIRING****GENERAL INFORMATION****ANTENNA WIRES, REPAIRING**

The following description can be found in **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.**

CONNECTOR HOUSINGS AND CONNECTORS, REPAIRING

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

- Connector housings and connectors, repair information
- Contacts in connector housing, repairing
- Single wire seals, installing
- Connector housings with insulation displacement terminal, repairing

CONTACT HOUSINGS, RELEASING AND DISASSEMBLING

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

- Releasing and disassembly connector housings, general information
- Secondary lock
- Primary lock
- Primary connector with round connector systems

- Primary connector with flat connector systems
- Primary connector with special connector systems

CLEANING CONTACT SURFACES USING THE VAS 6410

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

- Wiring eyelets, servicing
- Threaded connections, servicing
- Battery clamps and battery terminals, cleaning
- Protecting

FIBER OPTIC CABLE

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

- Determining the location of the error
- Assemble the fiber-optic cable with the fiber-optic cable repair kit VAS 6223
- Assemble the fiber-optic cable with the fiber-optic cable repair kit VAS 6223A
- Fiber-optic cable, disconnecting from wiring harness connector

WIRING HARNESES AND CONNECTORS, REPAIRING

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

- General notes on repairs on vehicle electrical system
- General notes for repairing wiring harnesses and connectors
- Repairing wires for pyrotechnic components
- Repairing Controller Area Network (CAN) Bus wires
- FlexRay Wires, Repairing
- Repairing a 0.25 mm² wire with individual crimp connector
- Repairing a wire 0.35 mm² or greater with individual crimp connector
- Repairing a 0.25 mm² wire with intermediate wire section
- Repair a wiring 0.35 mm² or greater with intermediate wire section

DESCRIPTION AND OPERATION**ENGINE COMPARTMENT E-BOX, WIRE JUNCTION, FUSE HOLDER AND BATTERY OVERVIEW**

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

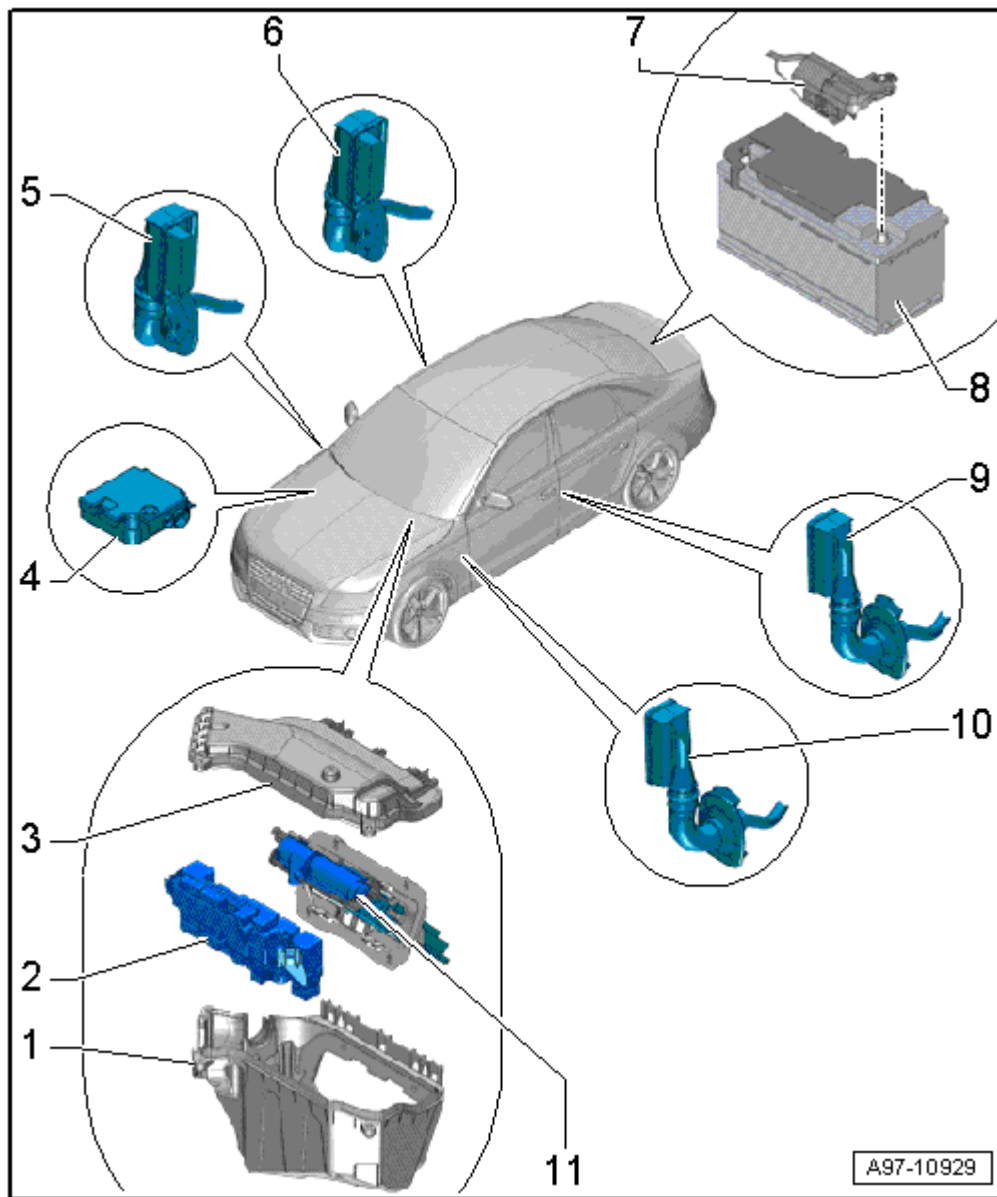


Fig. 1: Engine Compartment E-Box, Wire Junction, Fuse Holder And Battery Overview
 Courtesy of AUDI OF AMERICA, LLC

1. Engine Compartment E-box
 - Removing and installing, refer to **ENGINE COMPARTMENT E-BOX**.
 - Tightening specification, refer to **ENGINE COMPARTMENT E-BOX BOLT TIGHTENING SPECIFICATION**.
2. Fuse Panel B -SB-
 - Relay/fuse panel in engine compartment E-box.
 - Removing and installing, refer to **FUSE PANEL B, ENGINE COMPARTMENT E-BOX**.
 - With suppressor -C24- removing and installing. Refer to **SUPPRESSOR**.
3. Cover

- For the engine compartment E-box.
 - Tightening specification, refer to **ENGINE COMPARTMENT E-BOX BOLT TIGHTENING SPECIFICATION**.
4. Terminal 30 Wire junction 2 -TV22-
 - Removing and installing, refer to **TERMINAL 30 WIRE JUNCTION 2**.
 5. Right Front Door Cut Off Connector
 - Disconnecting, refer to **DOOR CUT-OFF CONNECTOR, DISCONNECTING**.
 6. Right Rear Door Cut Off Connector
 - Disconnecting, refer to **DOOR CUT-OFF CONNECTOR, DISCONNECTING**.
 7. Fuse Panel A -SA-
 - In the luggage compartment.
 - Removing and installing, refer to **FUSE PANEL A, LUGGAGE COMPARTMENT**.
 8. Battery
 9. Left Rear Door Cut Off Connector
 - Disconnecting, refer to **DOOR CUT-OFF CONNECTOR, DISCONNECTING**.
 10. Left Front Door Cut Off Connector
 - Disconnecting, refer to **DOOR CUT-OFF CONNECTOR, DISCONNECTING**.
 11. Engine Control Module (ECM)

ENGINE COMPARTMENT E-BOX BOLT TIGHTENING SPECIFICATION

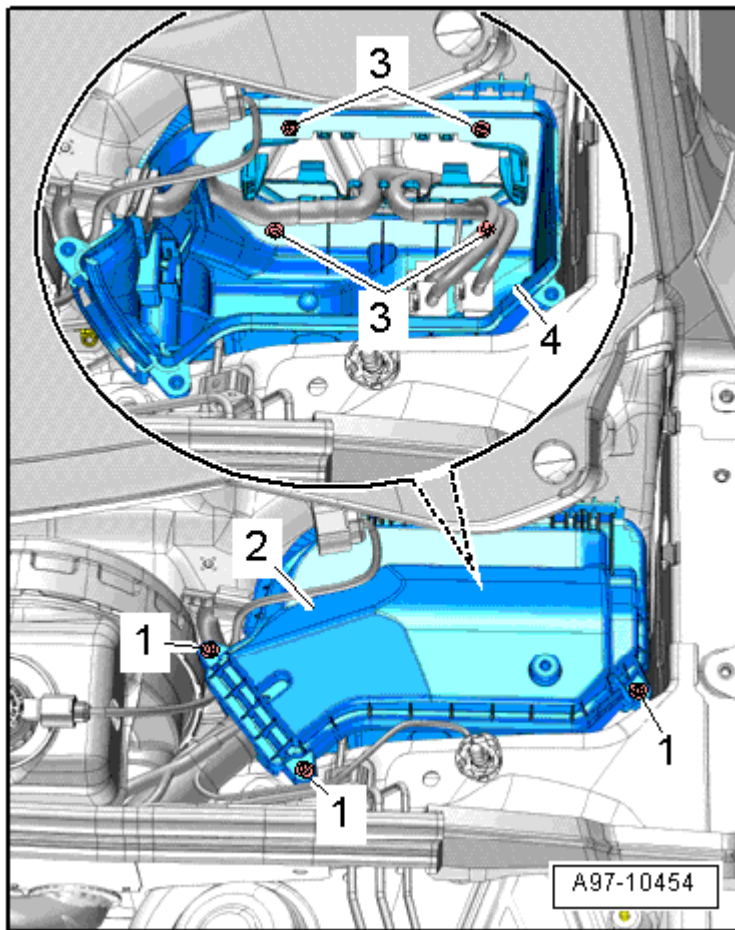


Fig. 2: Identifying Engine Compartment E-Box Bolts
Courtesy of AUDI OF AMERICA, LLC

1. Bolt - 3.5 Nm
2. Engine compartment E-box cover
3. Bolt - 4.5 Nm
4. Engine compartment E-box

FUSE PANEL B IN ENGINE COMPARTMENT E-BOX BOLT TIGHTENING SPECIFICATION

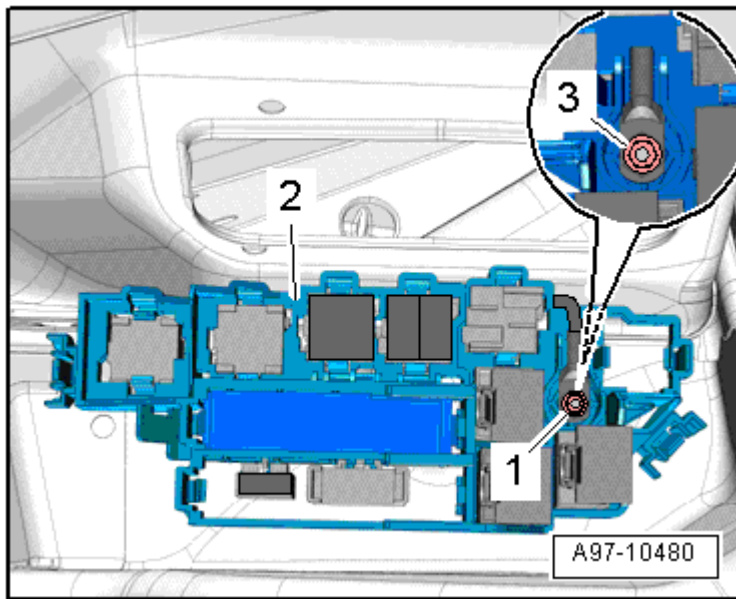


Fig. 3: Identifying Fuse Panel B In Engine Compartment E-Box Components
Courtesy of AUDI OF AMERICA, LLC

1. Positive wire - 9 Nm
2. Fuse panel B
3. Electrical wire on the back - 9 Nm

TERMINAL 30 WIRE JUNCTION 2 BOLT TIGHTENING SPECIFICATIONS

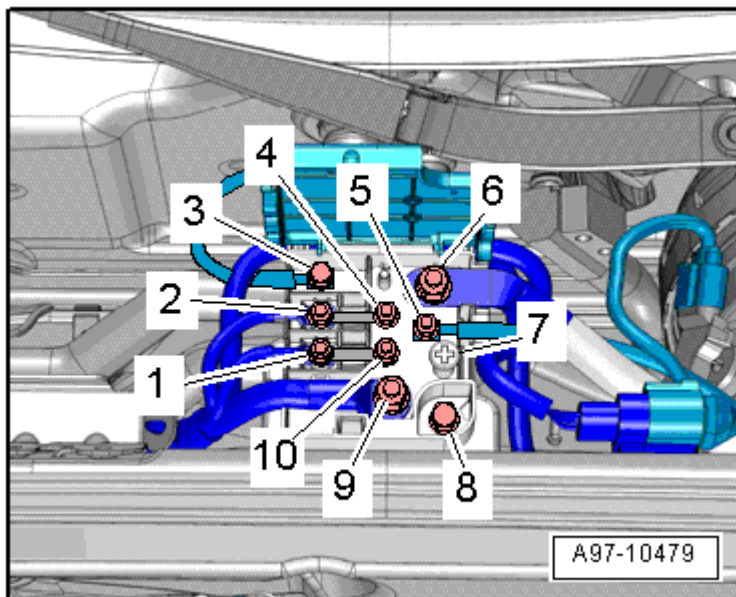


Fig. 4: Identifying Terminal 30 Wire Junction 2 Components
Courtesy of AUDI OF AMERICA, LLC

1. Fan wire - 7.5 Nm
2. Fan wire - 7.5 Nm
3. PTC line - 18 Nm
4. Nut - 7.5 Nm
5. E-box positive wire - 7.5 Nm
6. Battery wire - 16 Nm
7. Battery jump start terminal -U6- - 20 Nm
8. Bolt - 7.5 Nm
9. Positive cable Starter - 18 Nm
10. Nut - 7.5 Nm

FUSE PANEL A BOLT TIGHTENING SPECIFICATIONS

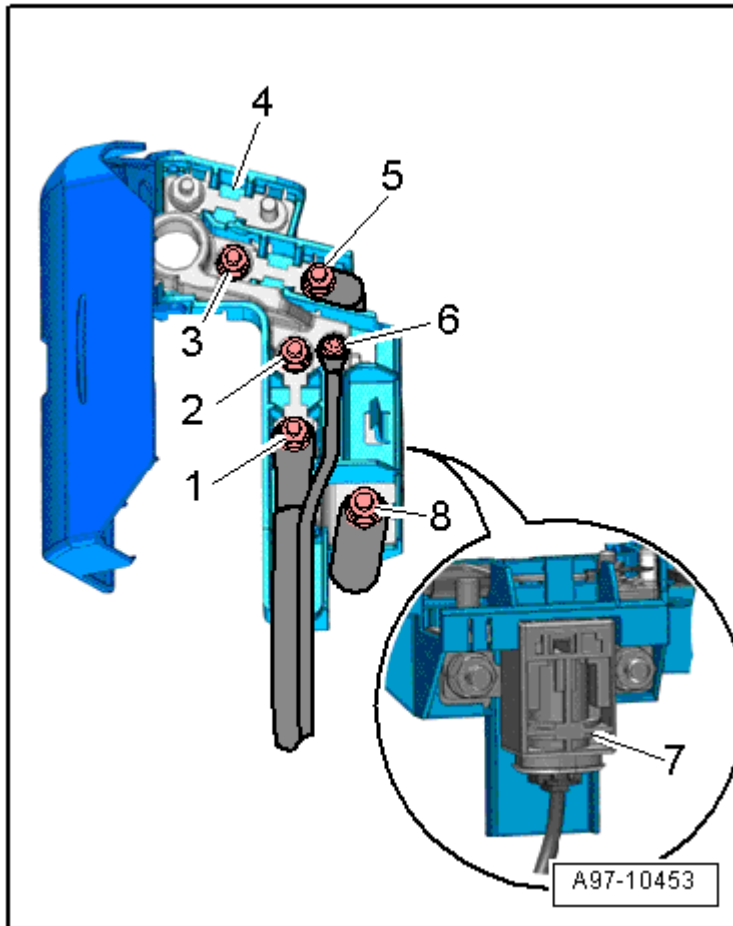


Fig. 5: Identifying Fuse Panel A Components
Courtesy of AUDI OF AMERICA, LLC

1. Electrical wire - 7.5 Nm
2. Nut - 9 Nm

3. Nut - 9 Nm
4. Fuse panel A inside the luggage compartment
5. Positive wire to the engine - 7.5 Nm
6. Bolt - 3.5 Nm
7. Battery interrupt igniter -N253-. Refer to **Description and Operation** .
8. Electrical wire - 18 Nm

RELAY CARRIER AND FUSE PANEL IN INSTRUMENT PANEL AND A-PILLAR OVERVIEW

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

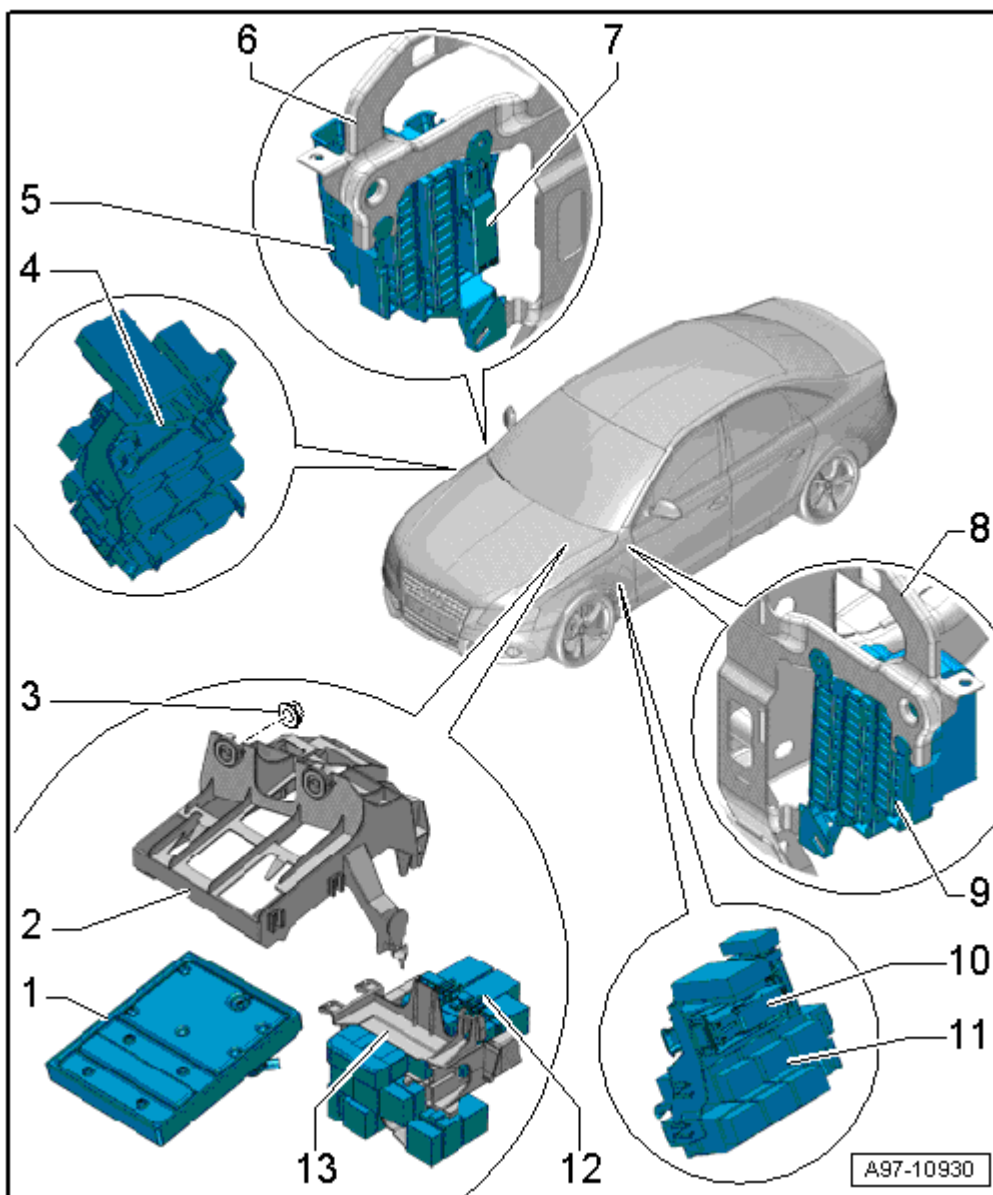


Fig. 6: Relay Carrier And Fuse Panel In Instrument Panel And A-Pillar Overview

Courtesy of AUDI OF AMERICA, LLC

1. Vehicle Electrical System Control Module -J519-
 - Removing and installing, refer to **VEHICLE ELECTRICAL SYSTEM CONTROL MODULE - J519-**.
2. Relay/Fuse Panel Mount for Vehicle Electrical System Control Module
 - Removing and installing, refer to **RELAY/FUSE PANEL MOUNT WITH VEHICLE ELECTRICAL SYSTEM CONTROL MODULE.**
3. Nut
 - 3 Nm
 - Quantity: 2
4. Passenger Side A-Pillar 6 Pin Connector Station
 - Removing and installing, refer to **PASSENGER SIDE A-PILLAR 6 PIN CONNECTOR STATION.**
5. Fuse Panel D -SD-
 - On the right side of the instrument panel.
 - Removing and installing, refer to **FUSE PANEL D, WITH RIGHT INSTRUMENT PANEL FUSE PANEL.**
6. Right Central Tube
7. Instrument Panel CAN Cut Off Connector -T46s-
 - Removing and installing, refer to **INSTRUMENT PANEL CAN CUT-OFF CONNECTOR.**
8. Left Central Tube
9. Fuse Panel C -SC-
 - On the left side of the instrument panel.
 - Removing and installing, refer to **FUSE PANEL C, WITH LEFT INSTRUMENT PANEL FUSE PANEL.**
10. Interior CAN Cut Off Connector -T46i-
 - Removing and installing, refer to **INTERIOR CAN CUT-OFF CONNECTOR.**
11. Driver Side A-Pillar 6 Pin Connector Station
 - On the left side of the instrument panel.
 - Removing and installing, refer to **DRIVER SIDE A-PILLAR 6 PIN CONNECTOR STATION.**
12. 3 Pin Relay/Fuse Panel
 - Under the left side of the instrument panel.
 - Removing and installing, refer to **3 PIN RELAY/FUSE PANEL.**
13. 4 Pin Relay/Fuse Panel and Threaded Connection
 - Under the left side of the instrument panel.
 - Removing and installing, refer to **4 PIN RELAY/FUSE PANEL, WITH THREADED CONNECTION.**

4 PIN RELAY/FUSE PANEL WITH THREADED CONNECTION NUT TIGHTENING SPECIFICATIONS

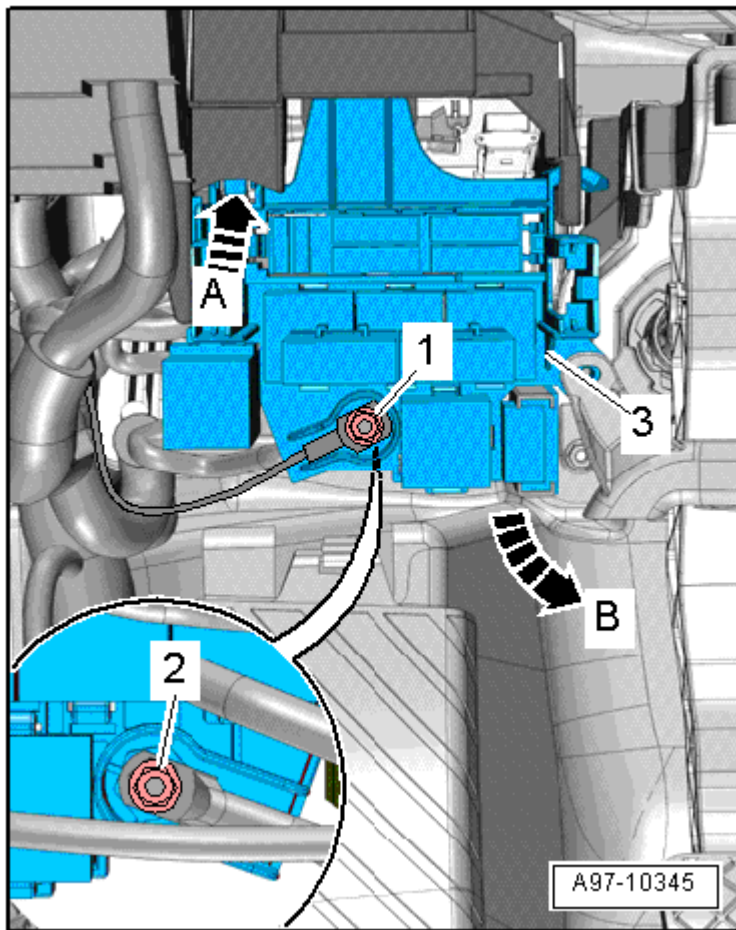


Fig. 7: Removing Relay/Fuse Panel

Courtesy of AUDI OF AMERICA, LLC

1. Nut - 9 Nm
2. Nut - 9 Nm
3. 4 pin relay/fuse panel

LUGGAGE COMPARTMENT RELAY AND FUSE CARRIER AND CONTROL MODULES OVERVIEW

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

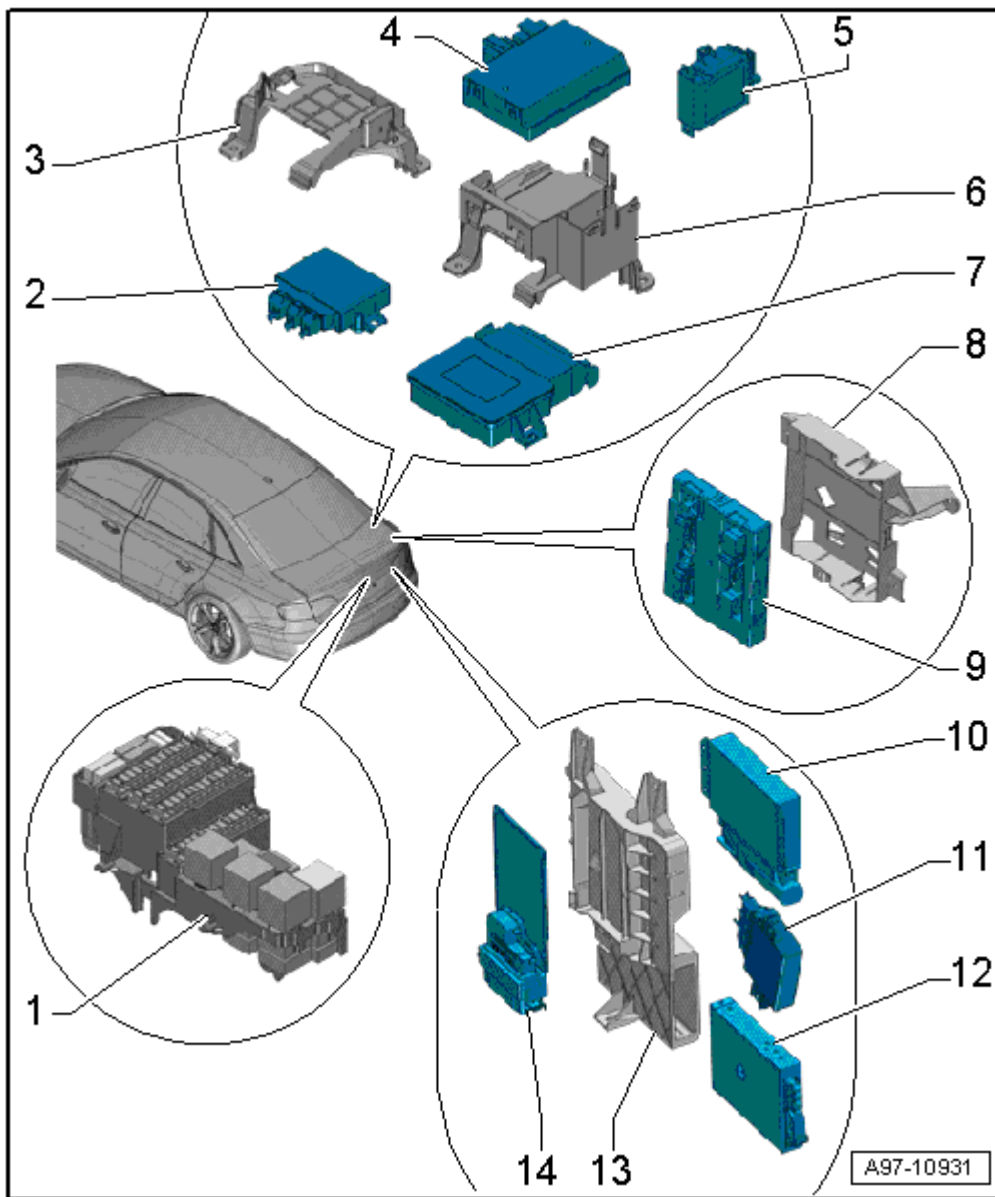


Fig. 8: Luggage Compartment Relay And Fuse Carrier And Control Modules Overview
 Courtesy of AUDI OF AMERICA, LLC

1. Fuse Panel F -SF-
 - Removing and installing, refer to **FUSE PANEL, RIGHT LUGGAGE COMPARTMENT**.
 - Tightening specification, refer to **FUSE PANEL F NUT TIGHTENING SPECIFICATIONS**.
2. Parking Aid Control Module -J446-
 - Overview, refer to **PARKING AID OVERVIEW**.
3. Retaining Frame
 - For the control modules.
 - For vehicles without a trailer hitch.
4. Towing Recognition Control Module -J345-

- Removing and installing, refer to **TOWING RECOGNITION CONTROL MODULE** .
- 5. Auxiliary Heater Radio Receiver -R64-
 - Does not apply to the US/Canadian market.
- 6. Retaining Frame
 - For the control modules.
 - For vehicles with a trailer hitch.
- 7. Electromechanical Parking Brake Control Module -J540-
 - Removing and installing, refer to **Removal and Installation** .
- 8. Retaining Frame
 - For the control modules.
- 9. Comfort System Central Control Module -J393-
 - Removing and installing, refer to **COMFORT SYSTEM CENTRAL CONTROL MODULE - J393-**.
- 10. Special Purpose Vehicle Control Module -J608-
 - In the luggage compartment, on the right side.
 - Removing and installing, refer to **SPECIAL PURPOSE VEHICLE CONTROL MODULE**.
- 11. Vehicle Positioning System Interface Control Module -J843-
 - Removing and installing, refer to **Description and Operation** .
- 12. Rear View Camera System Control Module -J772-
 - Removing and installing, refer to **Removal and Installation** .
- 13. Retaining Frame
 - For the control modules.
- 14. Electronic Damping Control Module -J250-
 - Removing and installing, refer to **Removal and Installation** .

FUSE PANEL F NUT TIGHTENING SPECIFICATIONS

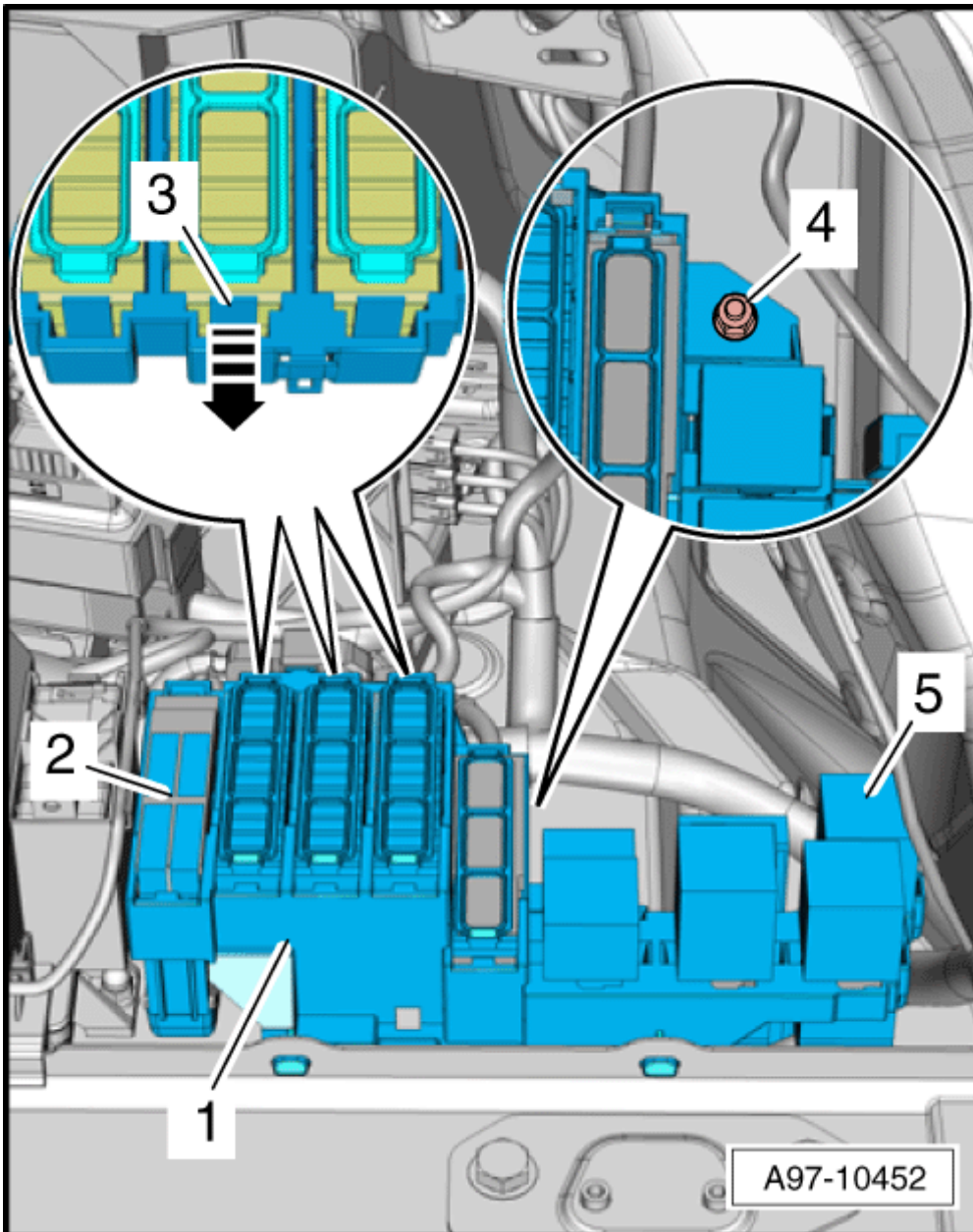


Fig. 9: Identifying Fuse Panel F Components
 Courtesy of AUDI OF AMERICA, LLC

- 1 - Fuse panel F
- 2 - Fuse panel
- 4 - Nut - 3 Nm
- 5 - Relay/control module

COMFORT SYSTEM CENTRAL CONTROL MODULE RETAINING FRAME NUT TIGHTENING SPECIFICATIONS

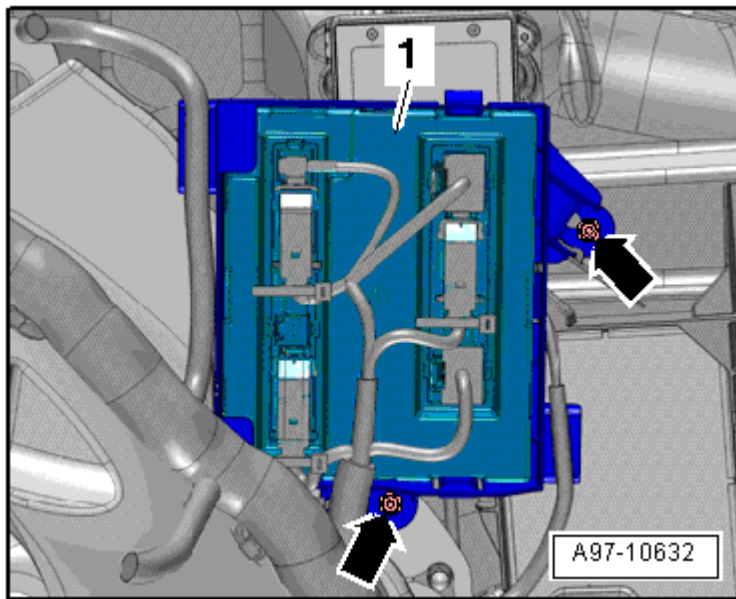


Fig. 10: Identifying Special Purpose Vehicle Control Module Components
Courtesy of AUDI OF AMERICA, LLC

-- Tighten the nuts -arrows- to 3 Nm.

1 - Retaining frame

SPECIAL PURPOSE VEHICLE CONTROL MODULE RETAINING FRAME BOLT/NUT TIGHTENING SPECIFICATIONS

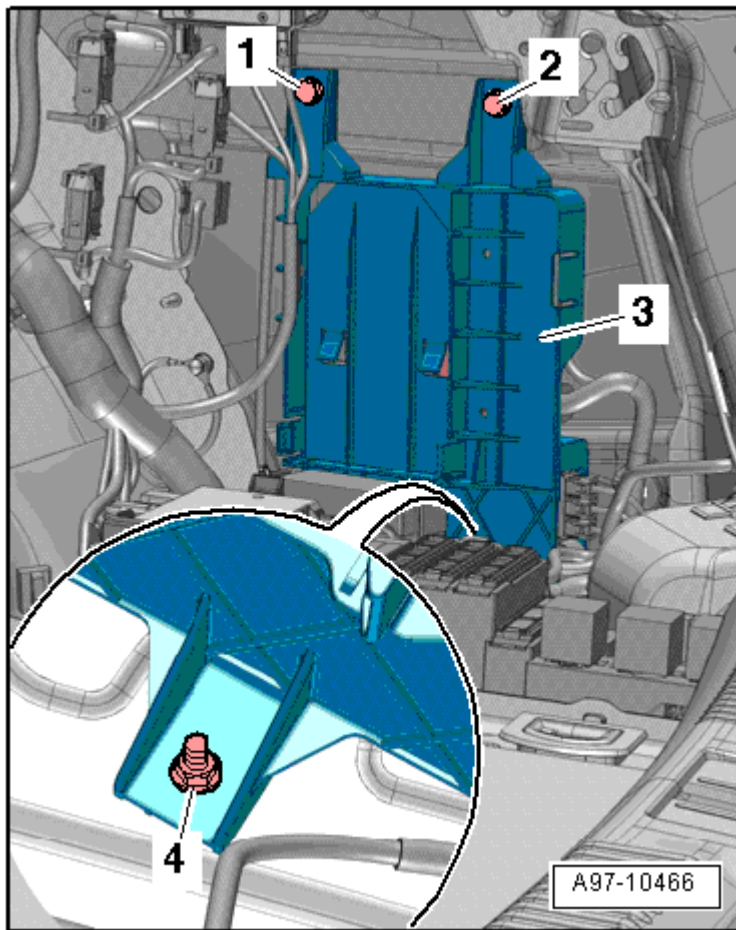


Fig. 11: Identifying Special Purpose Vehicle Control Module Retaining Frame Components
Courtesy of AUDI OF AMERICA, LLC

-- Tighten the bolts -1 and 2- to 3 Nm.

-- Tighten the nut -4- to 3 Nm.

3 - Retaining frame

SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Engine Compartment E-Box Bolt Tightening Specification

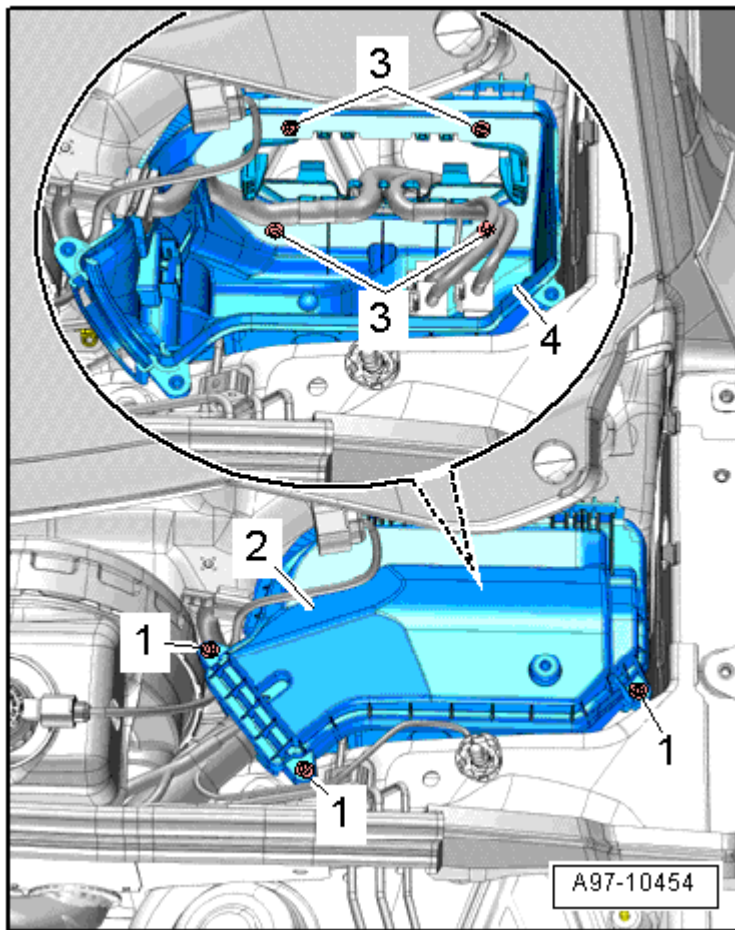


Fig. 12: Identifying Engine Compartment E-Box Bolts
Courtesy of AUDI OF AMERICA, LLC

1. Bolt - 3.5 Nm
2. Engine compartment E-box cover
3. Bolt - 4.5 Nm
4. Engine compartment E-box

Fuse Panel B in Engine Compartment E-Box Bolt Tightening Specification

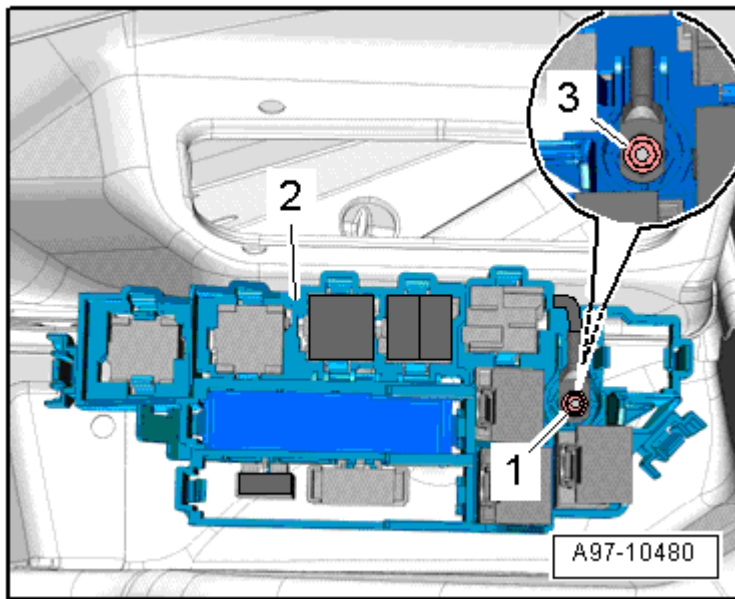


Fig. 13: Identifying Fuse Panel B In Engine Compartment E-Box Components
Courtesy of AUDI OF AMERICA, LLC

1. Positive wire - 9 Nm
2. Fuse panel B
3. Electrical wire on the back - 9 Nm

Terminal 30 Wire junction 2 Bolt Tightening Specifications

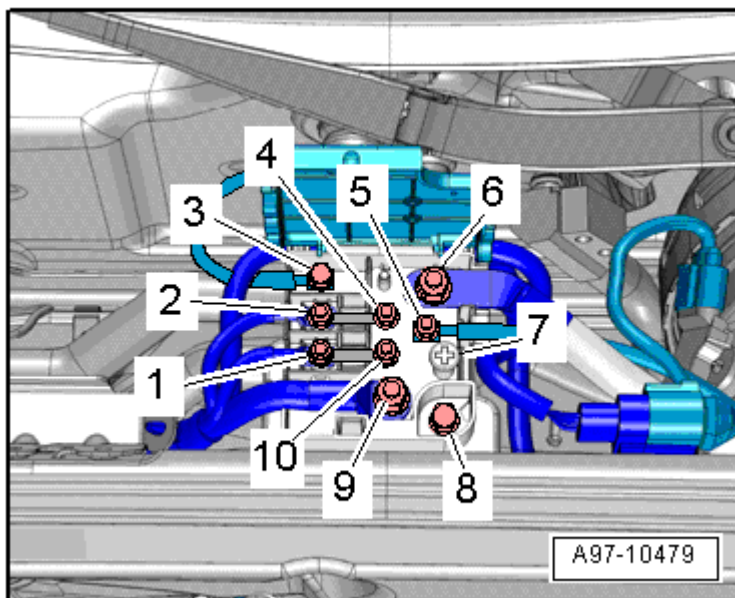


Fig. 14: Identifying Terminal 30 Wire Junction 2 Components
Courtesy of AUDI OF AMERICA, LLC

1. Fan wire - 7.5 Nm
2. Fan wire - 7.5 Nm
3. PTC line - 18 Nm
4. Nut - 7.5 Nm
5. E-box positive wire - 7.5 Nm
6. Battery wire - 16 Nm
7. Battery jump start terminal -U6- - 20 Nm
8. Bolt - 7.5 Nm
9. Positive cable starter - 18 Nm
10. Nut - 7.5 Nm

Fuse Panel A Bolt Tightening Specifications

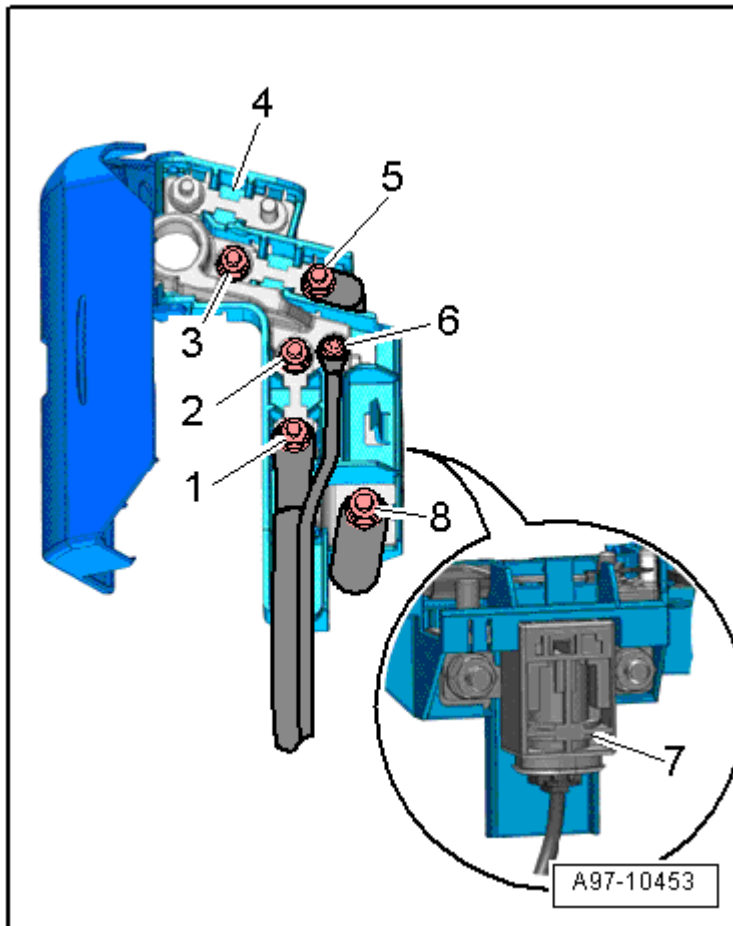


Fig. 15: Identifying Fuse Panel A Components
Courtesy of AUDI OF AMERICA, LLC

1. Electrical wire - 7.5 Nm
2. Nut - 9 Nm

3. Nut - 9 Nm
4. Fuse panel A inside the luggage compartment
5. Positive wire to the engine - 7.5 Nm
6. Bolt - 3.5 Nm
7. Battery interrupt igniter -N253-. Refer to **Description and Operation** .
8. Electrical wire - 18 Nm

4 Pin Relay/Fuse Panel with Threaded Connection Nut Tightening Specifications

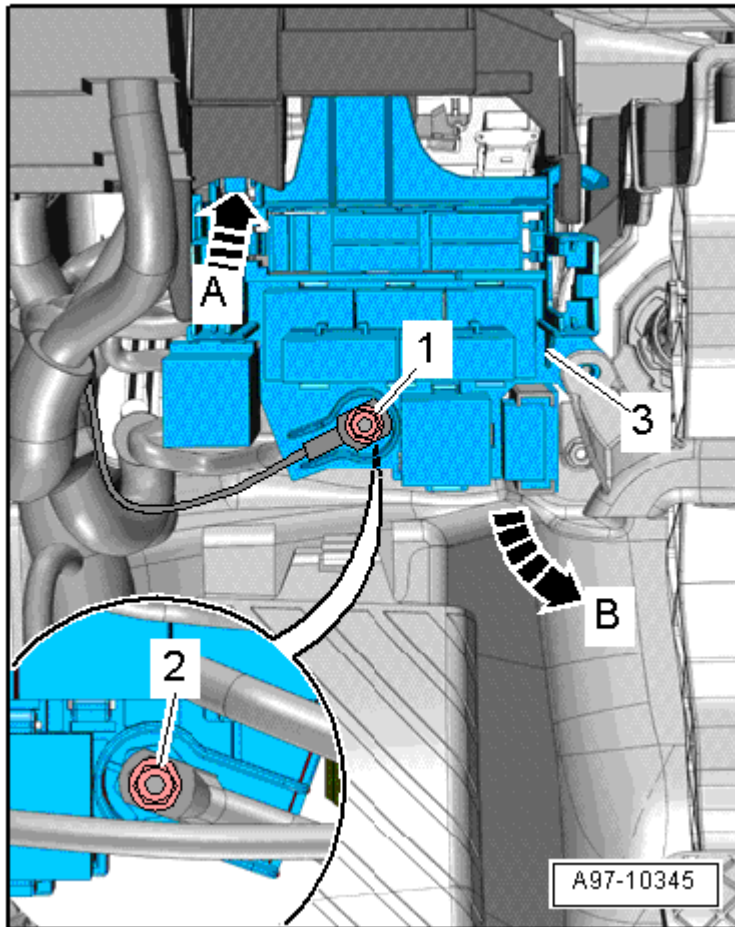


Fig. 16: Removing Relay/Fuse Panel
Courtesy of AUDI OF AMERICA, LLC

1. Nut - 9 Nm
2. Nut - 9 Nm
3. 4 pin relay/fuse panel

Fuse Panel F Nut Tightening Specifications

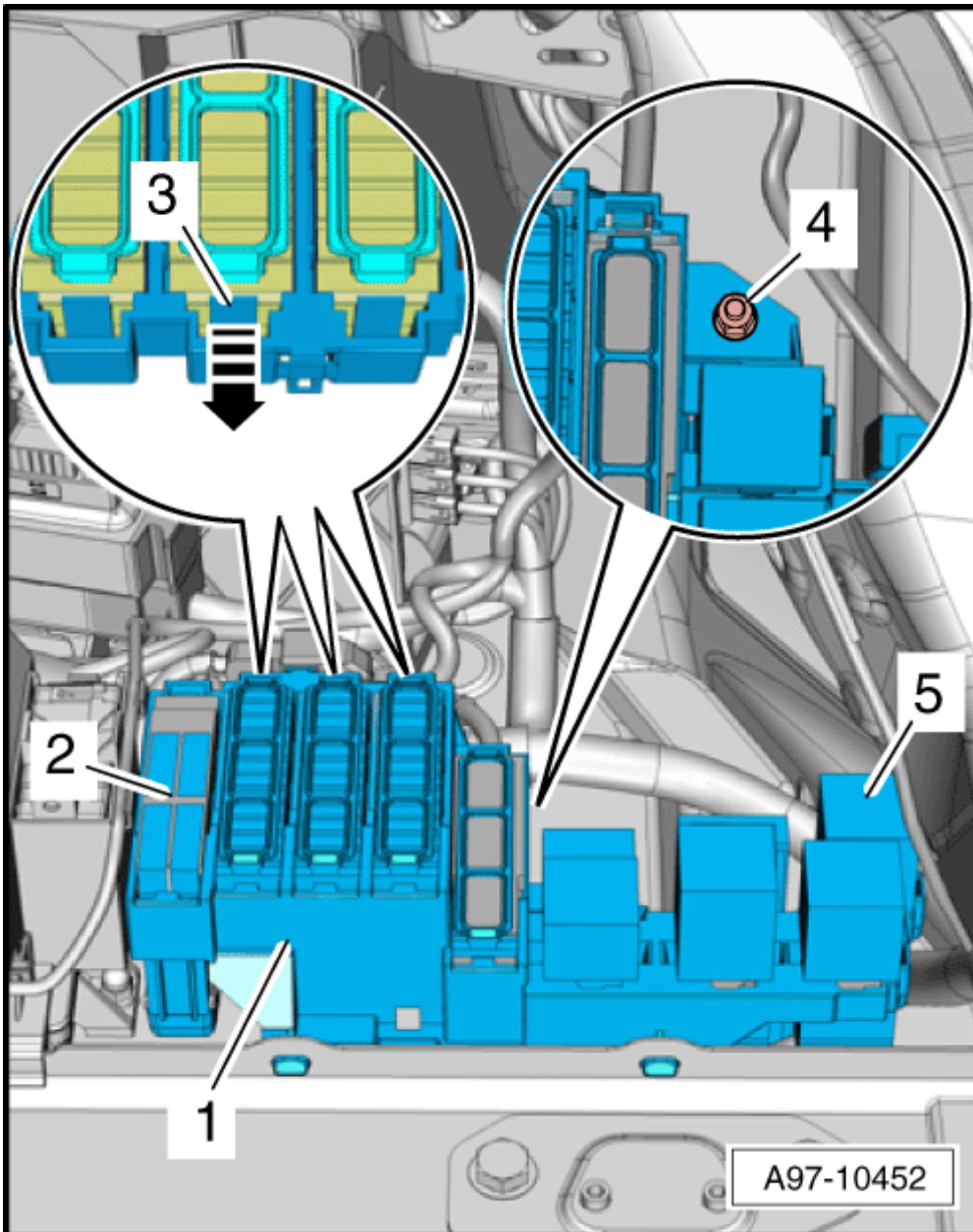


Fig. 17: Identifying Fuse Panel F Components

Courtesy of AUDI OF AMERICA, LLC

- 1 - Fuse panel F
- 2 - Fuse panel
- 4 - Nut - 3 Nm
- 5 - Relay/control module

Comfort System Central Control Module Retaining Frame Nut Tightening Specifications

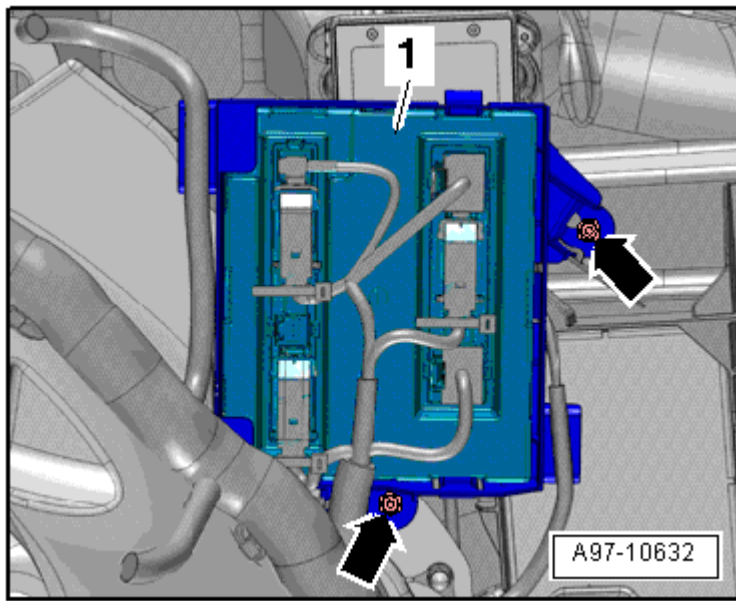


Fig. 18: Identifying Special Purpose Vehicle Control Module Components
Courtesy of AUDI OF AMERICA, LLC

-- Tighten the nuts -arrows- to 3 Nm.

1 - Retaining frame

Special Purpose Vehicle Control Module Retaining Frame Bolt/Nut Tightening Specifications

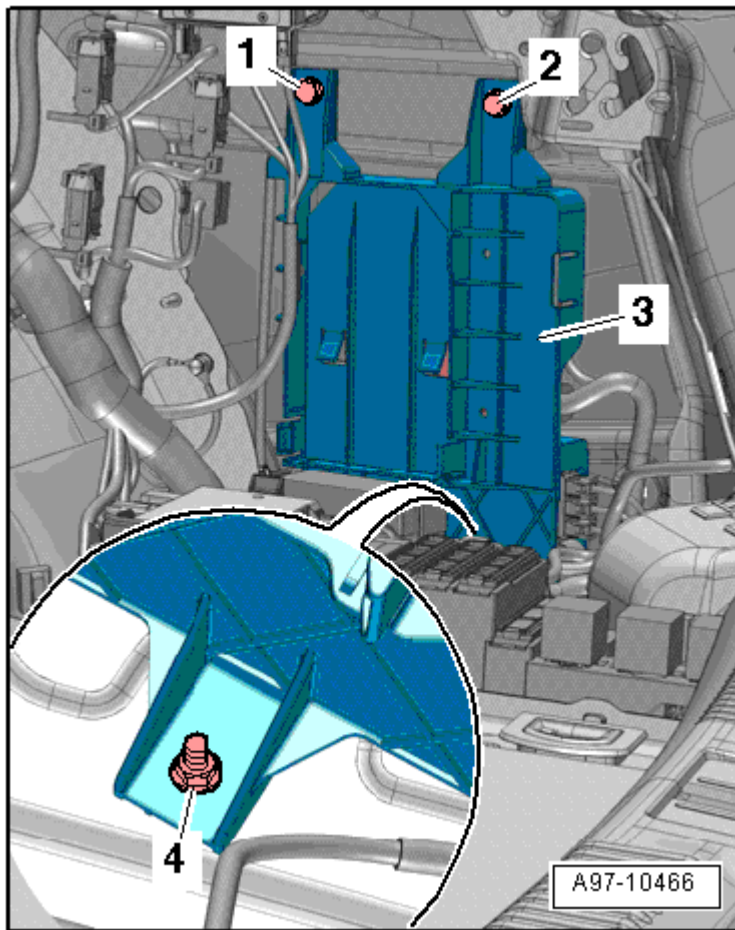


Fig. 19: Identifying Special Purpose Vehicle Control Module Retaining Frame Components
Courtesy of AUDI OF AMERICA, LLC

-- Tighten the bolts -1 and 2- to 3 Nm.

-- Tighten the nut -4- to 3 Nm.

3 - Retaining frame

DIAGNOSIS AND TESTING

VEHICLE DIAGNOSIS, TESTING AND INFORMATION SYSTEMS

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

- Application information and safety precautions
- Connecting the Vehicle Diagnostic Tester

REMOVAL AND INSTALLATION

RELAY AND FUSE PANELS

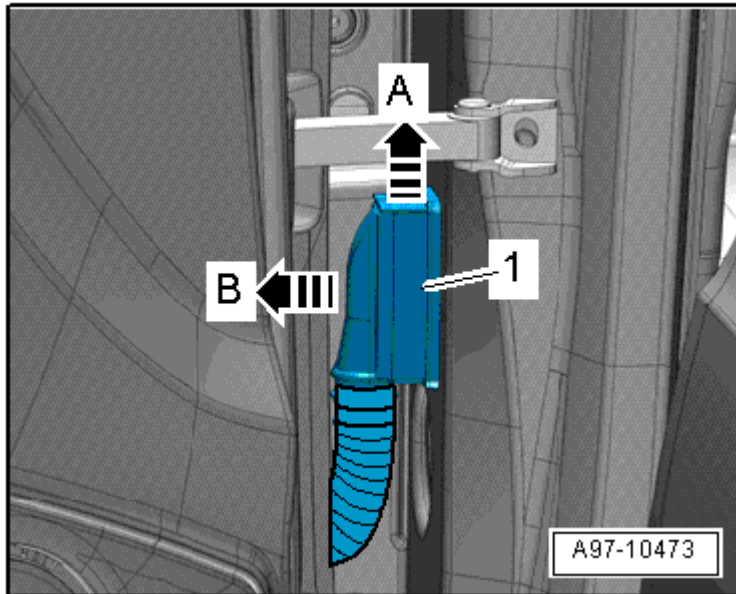
DOOR CUT-OFF CONNECTOR, DISCONNECTING**Procedure**

Fig. 20: Door Cut-Off Connector, Disconnecting

Courtesy of AUDI OF AMERICA, LLC

-- Release the connector catch in the -direction of the arrow A- and remove the door cut-off connector -1- toward the outside -arrow B-.

ENGINE COMPARTMENT E-BOX**Removing**

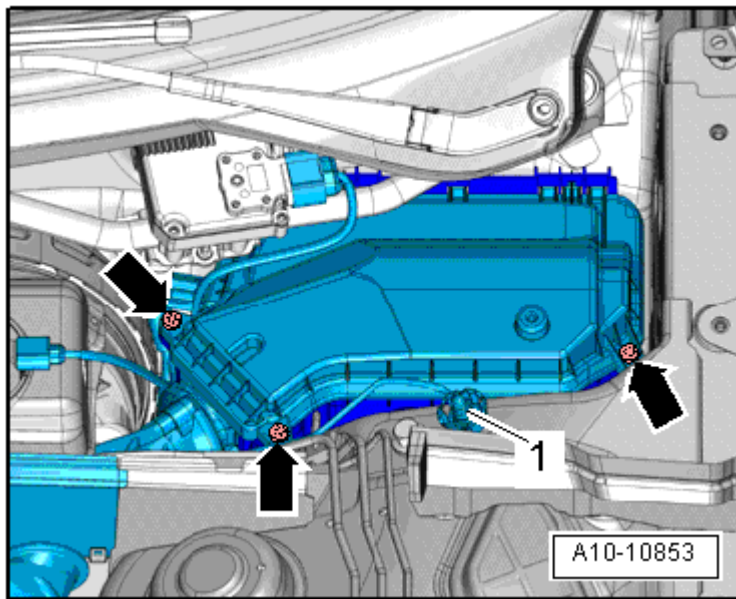


Fig. 21: Removing E-Box Bolts & Cover
Courtesy of AUDI OF AMERICA, LLC

- With the ignition turned off, disconnect the battery ground cable. Refer to **BATTERY, DISCONNECTING AND CONNECTING** .
- Remove the washer fluid reservoir filler neck. Refer to **WASHER FLUID RESERVOIR FILLER NECK** .
- Remove the windshield wiper motor. Refer to **WIPER MOTOR WITH WIPER MOTOR CONTROL MODULE** .
- Remove the bolts -arrows- and the engine compartment E-box cover.

NOTE: Ignore item -1-.

- Release the retainers -A arrows- and remove the Engine Control Module (ECM) -arrow B-.

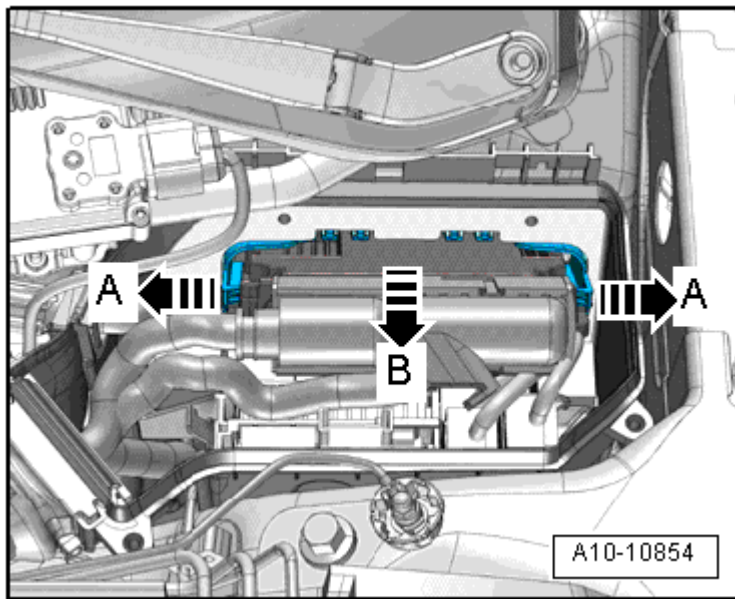


Fig. 22: Location Engine Control Module (ECM) -J623-
Courtesy of AUDI OF AMERICA, LLC

-- Disconnect the electrical connector -2- if applicable.

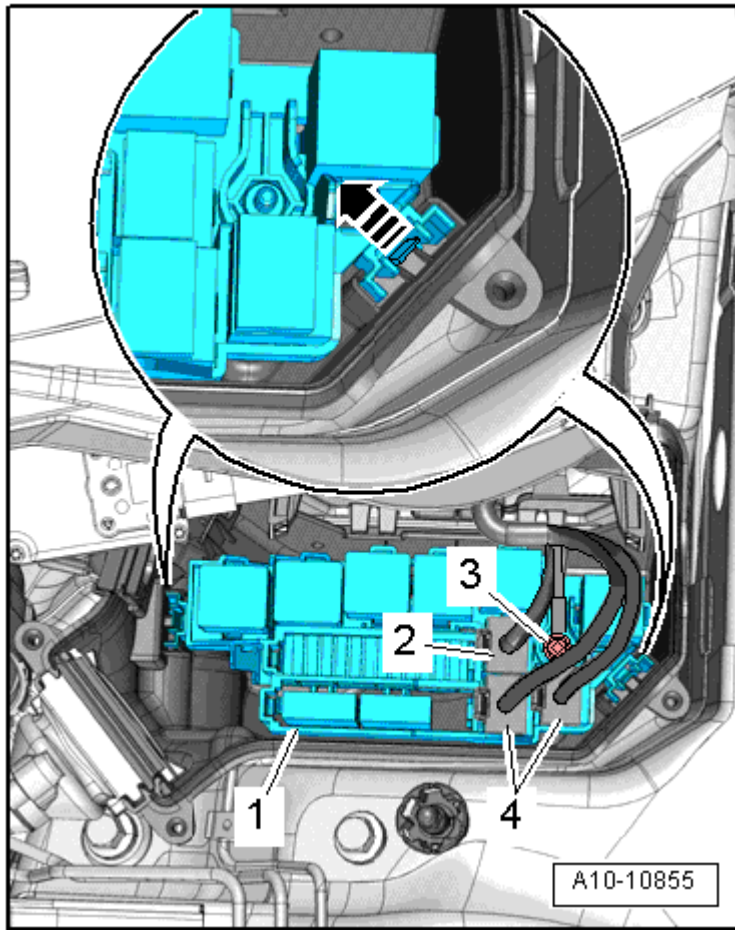


Fig. 23: Disconnecting Electrical Connectors

Courtesy of AUDI OF AMERICA, LLC

- Disconnect the electrical connectors -4- and remove the electrical wire -3- on the front and back side.
- Open the retainers -arrow- and remove fuse panel B -1-.
- Disengage the engine wiring harness at the electronics box and lay to the side.
- Remove the alarm horn -H12- if applicable, refer to **ALARM HORN** and free up the electrical wiring harness.

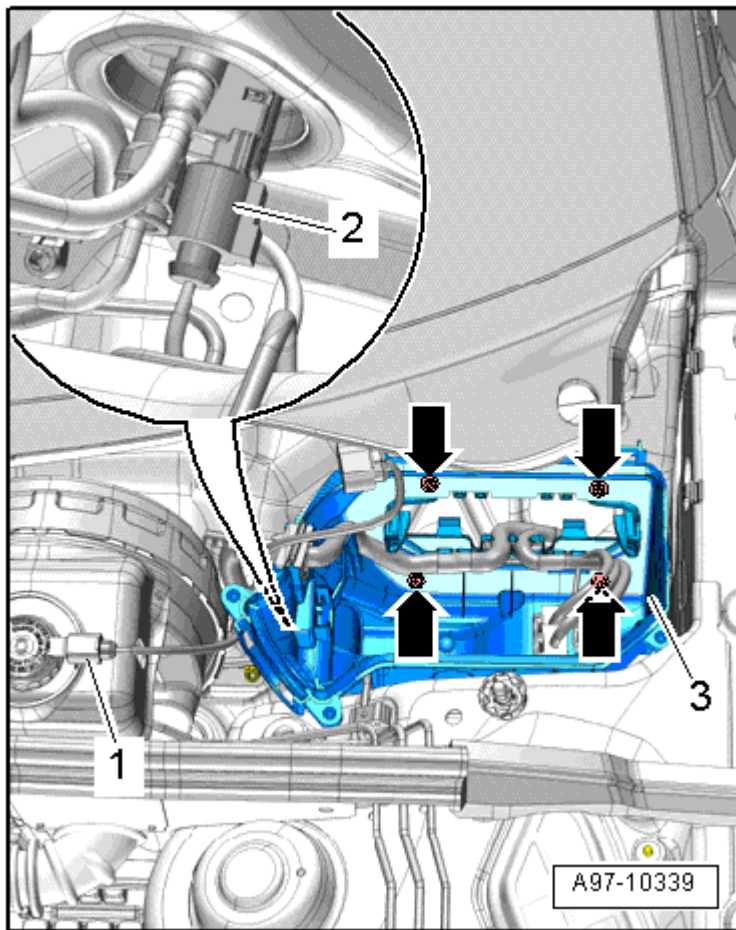


Fig. 24: Identifying Engine Compartment E-Box Components
Courtesy of AUDI OF AMERICA, LLC

- Remove the bolts -arrows-.
- Disconnect the electrical connector -1- for the brake fluid level warning switch -F34-.
- Lift the engine compartment E-box -3- and disconnect the clutch position sensor -G476- connector -2-.
- Disengage the wiring harness -1- on the engine compartment E-box.

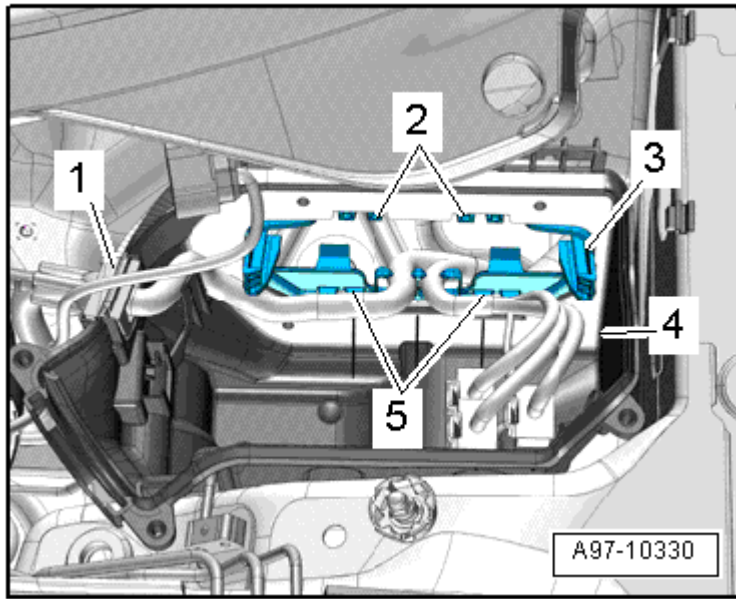


Fig. 25: Identifying Engine Compartment E-Box
Courtesy of AUDI OF AMERICA, LLC

-- Release the retaining clips -2 and 5- and slide the ECM retaining frame -3- as far back into the vehicle interior as possible.

-- Remove the engine compartment E-box -4-.

Installing

- Tightening specifications, refer to **ENGINE COMPARTMENT E-BOX, WIRE JUNCTION, FUSE HOLDER AND BATTERY OVERVIEW => Engine Compartment E-Box Bolt Tightening Specification.**

Install in reverse order of removal, observing the following:

-- Install fuse panel B. Refer to **FUSE PANEL B, ENGINE COMPARTMENT E-BOX.**

-- Install the alarm horn. Refer to **ALARM HORN** .

-- Connect the battery. Required actions, refer to **BATTERY, DISCONNECTING AND CONNECTING => Connecting** .

-- Install the windshield wiper motor. Refer to **WIPER MOTOR WITH WIPER MOTOR CONTROL MODULE** .

-- Install the washer fluid reservoir filler neck. Refer to **WASHER FLUID RESERVOIR FILLER NECK** .

FUSE PANEL A, LUGGAGE COMPARTMENT

Removing

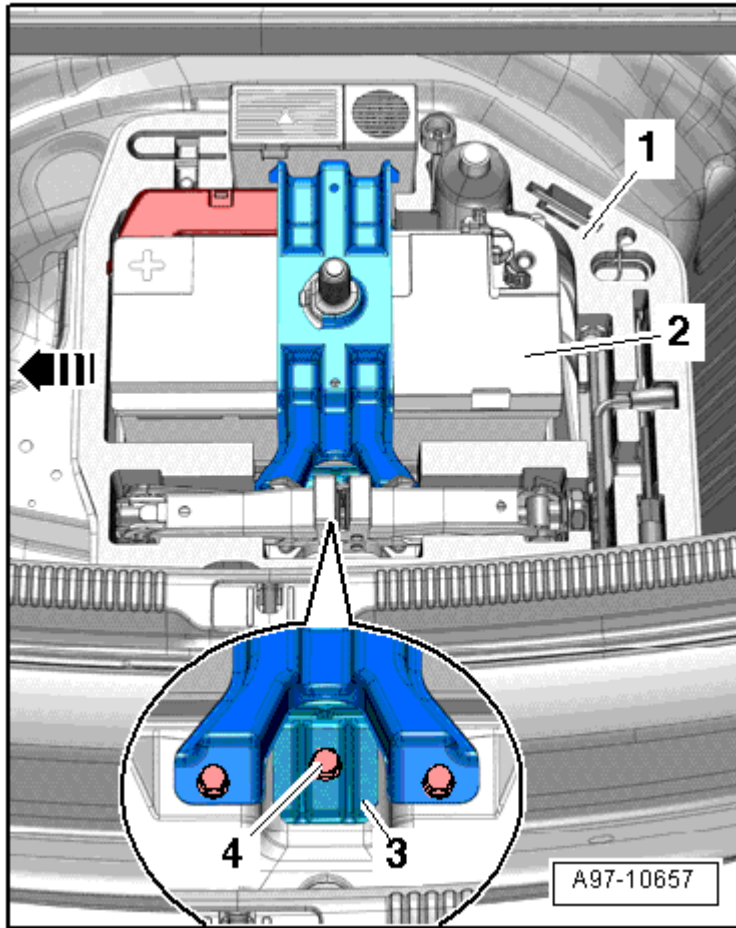


Fig. 26: Identifying Fuse Panel A, Luggage Compartment Components
Courtesy of AUDI OF AMERICA, LLC

-- With the ignition turned off, disconnect the battery ground cable. Refer to **BATTERY, DISCONNECTING AND CONNECTING** .

-- Remove the tool kit mount -1-.

-- Remove the subwoofer -1-. Refer to **Removal and Installation** .

NOTE: If it not possible to remove fuse panel A from the battery terminal, then remove the bolt -4- on the battery bracket -3- and pull the battery -2- just a little to the left -arrow-.

-- Loosen the nut -1- several turns and remove the battery positive wire terminal clamp with the fuse panel A from the battery terminal.

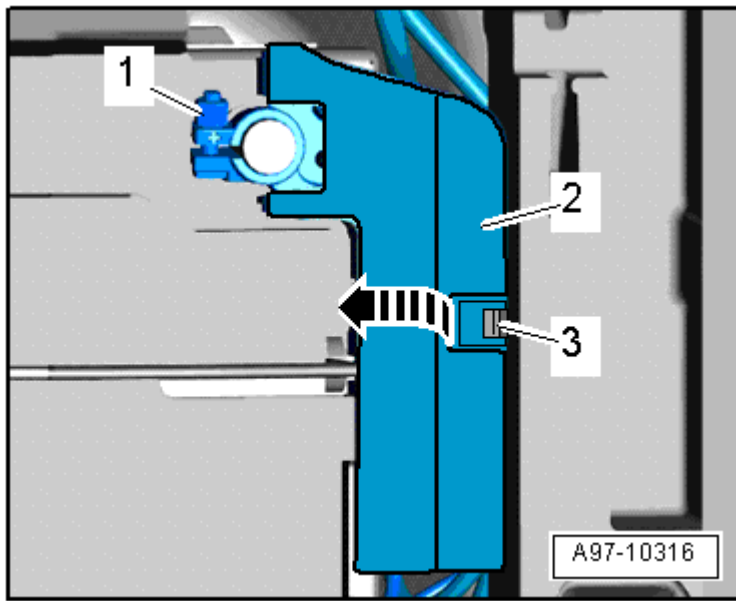


Fig. 27: Removing Fuse Box Cover

Courtesy of AUDI OF AMERICA, LLC

- Release the spring -3- and open the cover -2- over fuse panel A -arrow-.
- Disconnect electrical wires -1, 5, 6 and 8-.

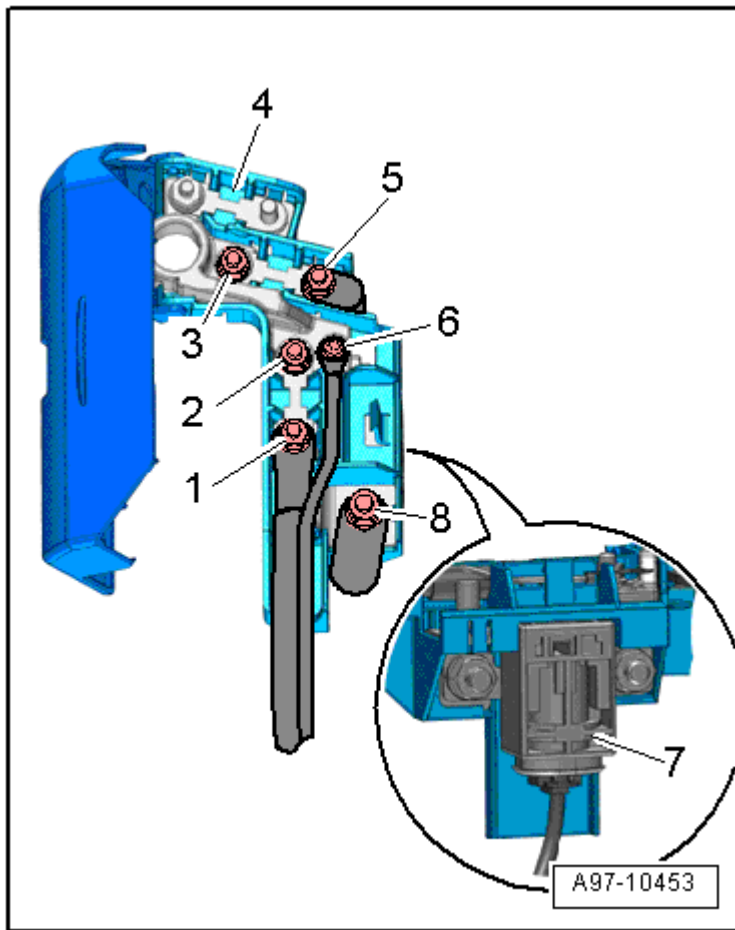


Fig. 28: Identifying Fuse Panel A Components

Courtesy of AUDI OF AMERICA, LLC

- Remove the positive terminal clamp -4- and fuse panel A from the battery pole.
- Remove the battery interrupt igniter -N253- -item 7-. Refer to **Removal and Installation** .
- Remove fuse panel A.

NOTE: Check the exact assignment for fuse panel A in the current wiring diagram. Refer to the appropriate **SYSTEM WIRING DIAGRAMS** information.

Installing

- Tightening specification, refer to **FUSE PANEL A BOLT TIGHTENING SPECIFICATIONS**.

Install in reverse order of removal, observing the following:

- Install the battery interrupt igniter. Refer to **Removal and Installation** .

-- Install the retaining bracket. Refer to **BATTERY => Installing** .

-- Connect the battery. Required actions, refer to **BATTERY, DISCONNECTING AND CONNECTING => Connecting** .

FUSE PANEL B, ENGINE COMPARTMENT E-BOX

Removing

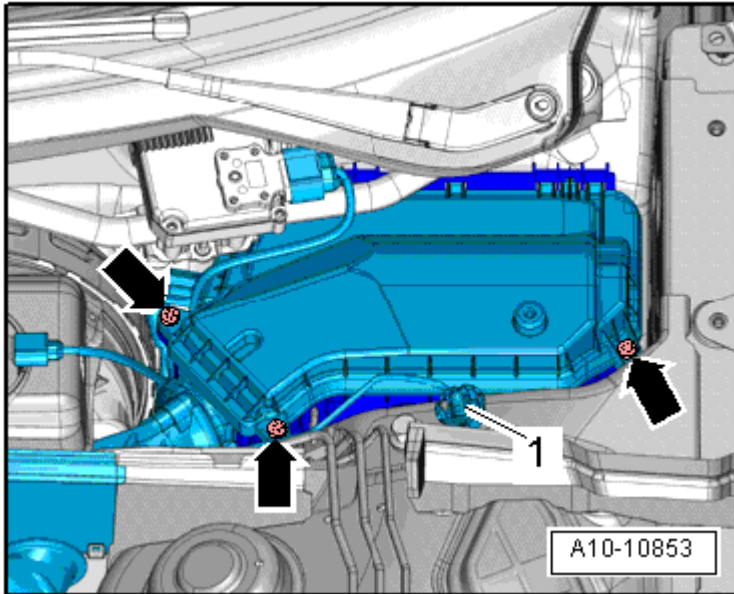


Fig. 29: Removing E-Box Bolts & Cover

Courtesy of AUDI OF AMERICA, LLC

-- With the ignition turned off, disconnect the battery ground cable. Refer to **BATTERY, DISCONNECTING AND CONNECTING** .

-- Remove the washer fluid reservoir filler neck. Refer to **WASHER FLUID RESERVOIR FILLER NECK** .

-- Remove the bolts -arrows- and the engine compartment E-box cover.

NOTE: Disregard item -1-.

-- Release the retainers -A arrows- and remove the Engine Control Module (ECM) -arrow B-.

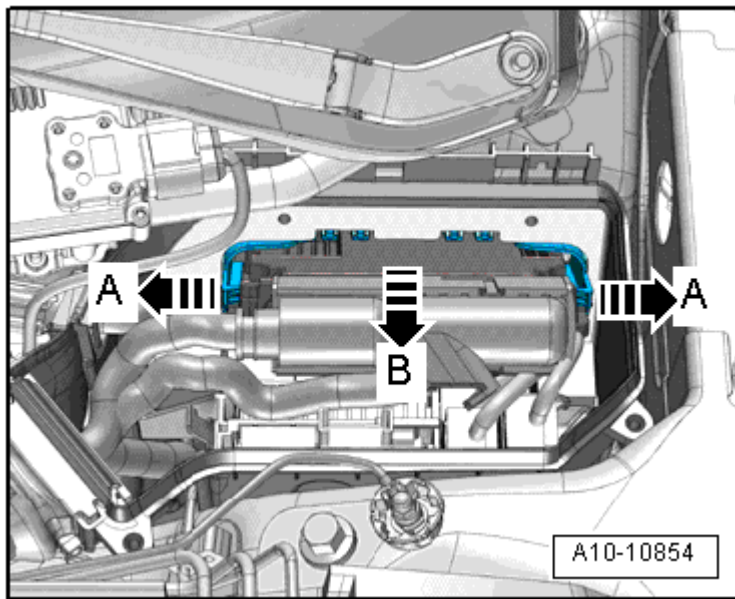


Fig. 30: Location Engine Control Module (ECM) -J623-
Courtesy of AUDI OF AMERICA, LLC

-- Disconnect the electrical connector -2- if applicable.

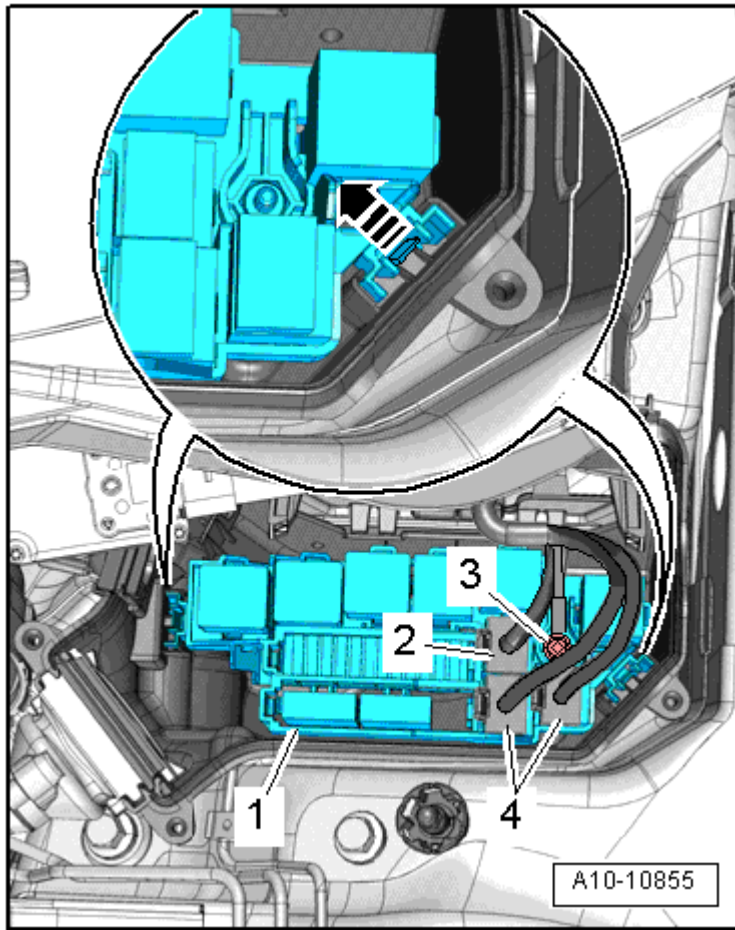


Fig. 31: Disconnecting Electrical Connectors

Courtesy of AUDI OF AMERICA, LLC

- Disconnect the electrical connectors -4- and remove the electrical wire -3-.
- Open the retainers -arrow- and remove fuse panel B -1-.
- Disengage engine wiring harness at electronics box and lay aside.
- Remove the electrical wire -5-.

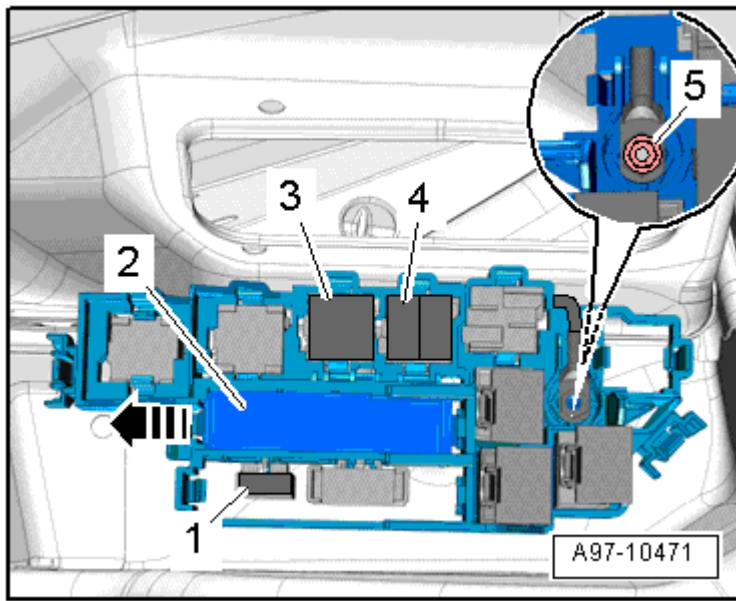


Fig. 32: Identifying Fuse Panel B Components
 Courtesy of AUDI OF AMERICA, LLC

- Remove the relay -3- and control modules -4- from fuse panel B.
- Release the retaining clip -arrow-, push the fuse panel -2- back and out and disengage it.
- Release the retaining clip and press the auxiliary fuse panel -1- back and out.
- Release the retaining clips -arrows- and press the relay carrier -2- back and out of the bracket -1-.

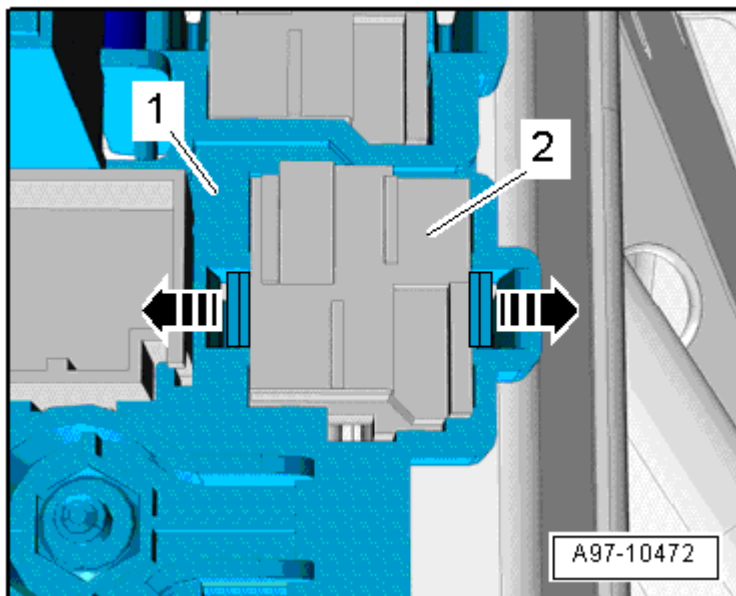


Fig. 33: Identifying Retaining Clips
 Courtesy of AUDI OF AMERICA, LLC

-- Remove fuse panel B from the engine compartment E-box.

Installing

- Tightening specifications, refer to **FUSE PANEL B IN ENGINE COMPARTMENT E-BOX BOLT TIGHTENING SPECIFICATION**.

Install in reverse order of removal, observing the following:

-- Install the washer fluid reservoir filler neck. Refer to **WASHER FLUID RESERVOIR FILLER NECK** .

-- Connect the battery. Required actions, refer to **BATTERY, DISCONNECTING AND CONNECTING => Connecting** .

FUSE PANEL, ENGINE COMPARTMENT E-BOX

Removing

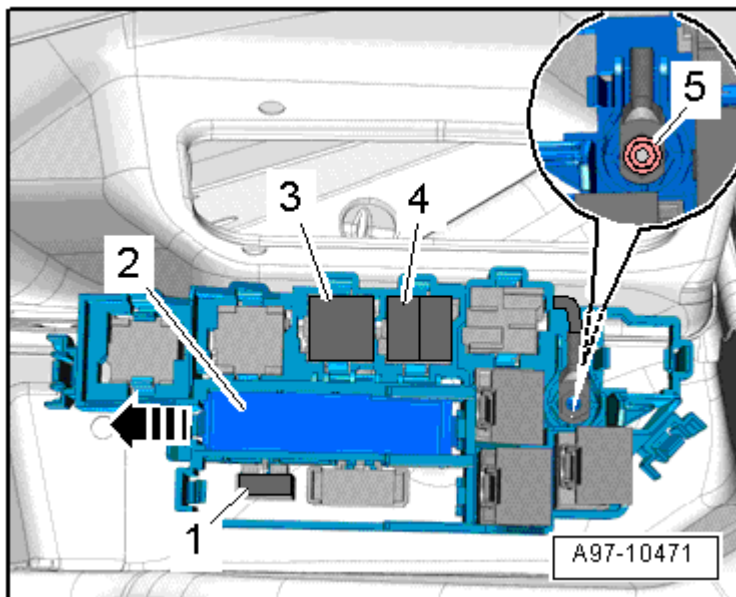


Fig. 34: Identifying Fuse Panel B Components
Courtesy of AUDI OF AMERICA, LLC

-- Remove the fuse panel B. Refer to **FUSE PANEL B, ENGINE COMPARTMENT E-BOX**.

-- Release the retaining clip -arrow- and push the fuse panel -2- back and out and disengage it.

NOTE: Ignore the remaining -items-.

-- Unlock the release and remove from the fuse carrier, if equipped.

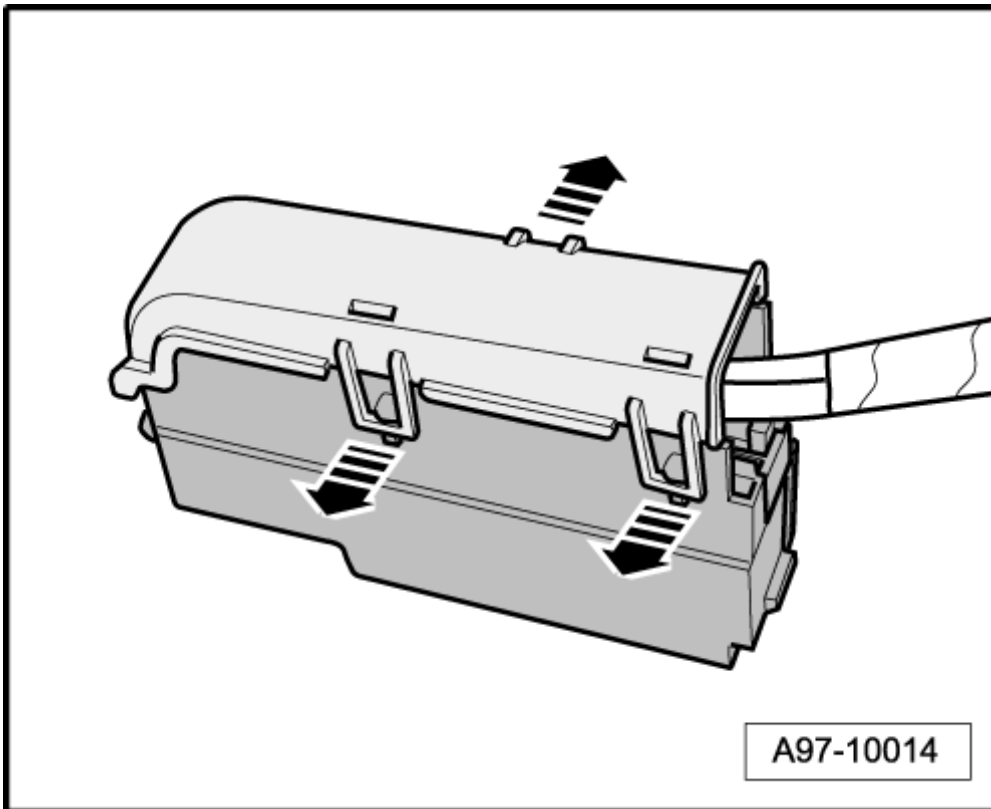


Fig. 35: Releasing Clips And Removing Cover From Fuse Holder
Courtesy of AUDI OF AMERICA, LLC

- Remove the fuses from the fuse panel.
- Release retaining clips -arrows- and remove the cover from the fuse panel.
- Pull off the retaining strip -1- for the harness connectors -arrow- and remove the harness connectors from the connector socket.

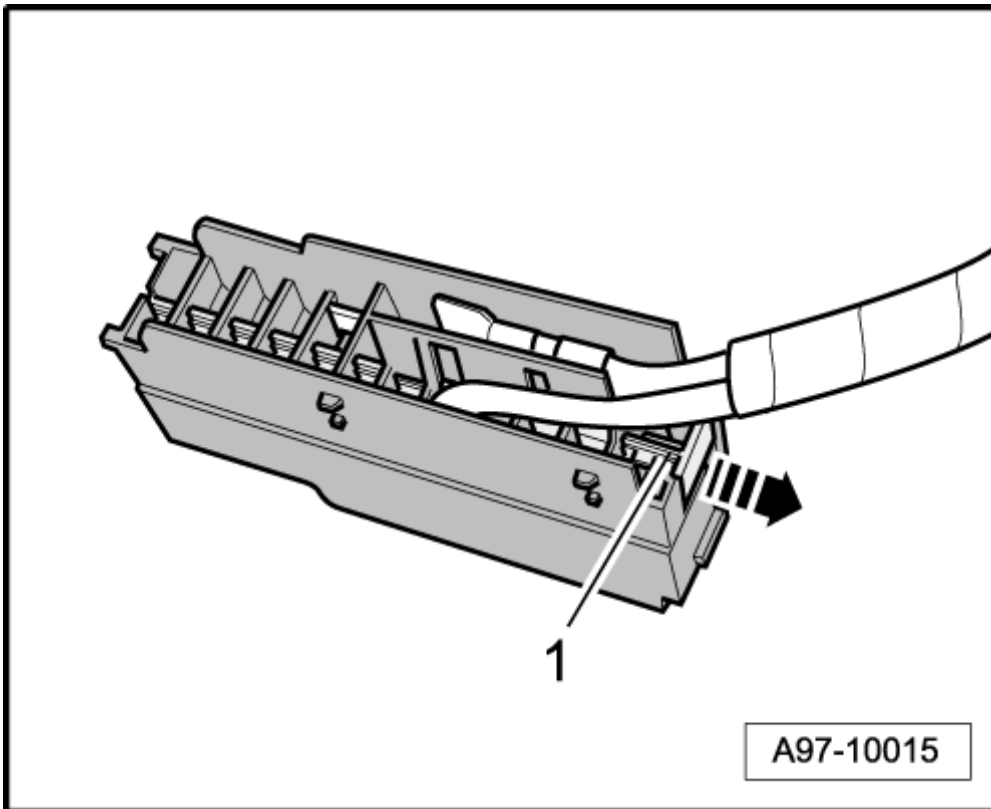


Fig. 36: Pulling Off Retaining Strip For Harness Connectors And Removing Harness Connectors From Connector Socket

Courtesy of AUDI OF AMERICA, LLC

NOTE: The exact assignment of the fuse panel in the engine compartment E-box can be found in the applicable wiring diagram. Refer to the appropriate **SYSTEM WIRING DIAGRAMS** information.

Installing

Install in reverse order of removal, observing the following:

-- Install fuse panel B. Refer to **FUSE PANEL B, ENGINE COMPARTMENT E-BOX.**

-- Connect the battery. Required actions, refer to **BATTERY, DISCONNECTING AND CONNECTING => Connecting** .

TERMINAL 30 WIRE JUNCTION 2

Removing

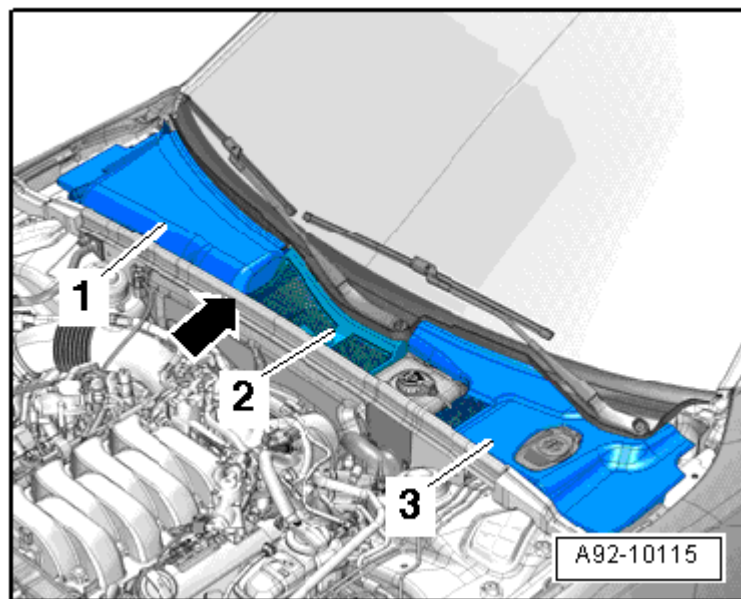


Fig. 37: Removing Plenum Chamber Covers
Courtesy of AUDI OF AMERICA, LLC

Vehicles through 05.08

-- Unclip the plenum chamber cover -2- and remove it.

NOTE: Ignore items -1 and 3- and the -arrow-.

Vehicles from 06.08

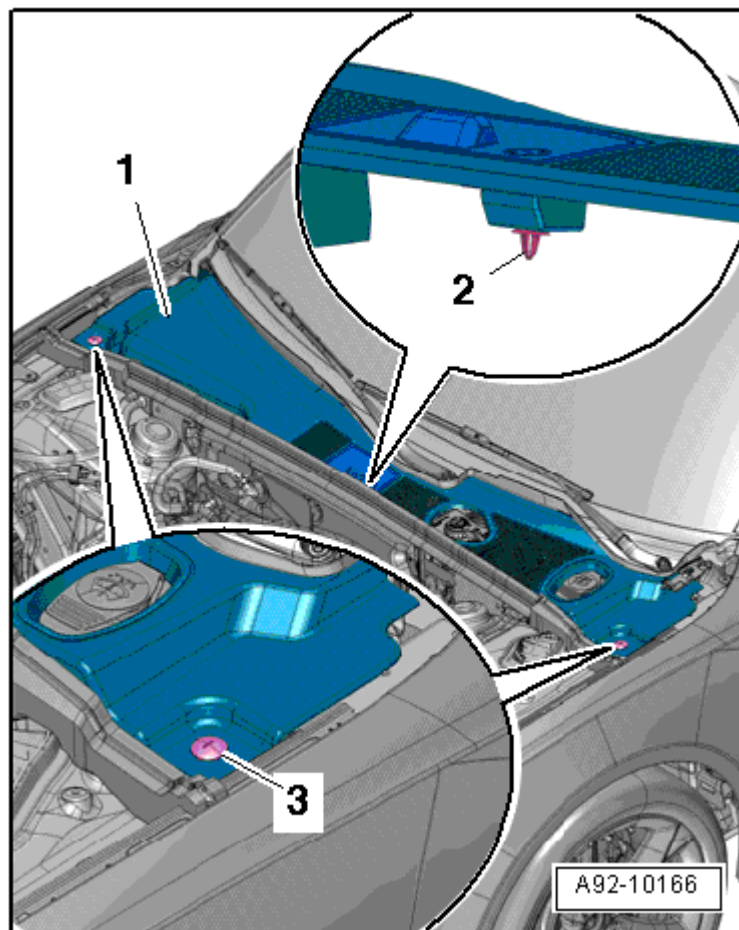


Fig. 38: Removing Plenum Chamber Cover
Courtesy of AUDI OF AMERICA, LLC

- Remove the bolts -3-.
- Remove the clips -2- from the mounts and remove the plenum chamber cover -1-.

Continuation for All Vehicles

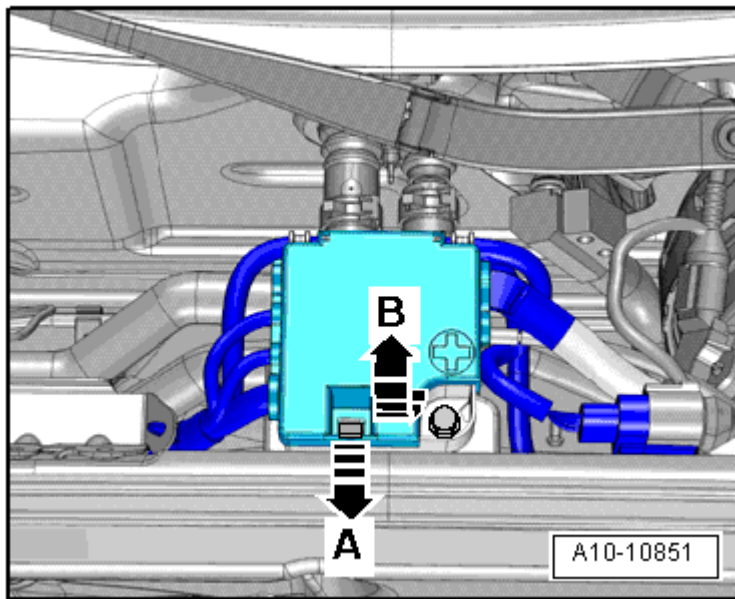


Fig. 39: Opening Terminal Box Cover
 Courtesy of AUDI OF AMERICA, LLC

- Release the retainer -arrow A- and open the cover -arrow B-.
- Disconnect the wires -1, 2, 3, 5, 6 and 9-.

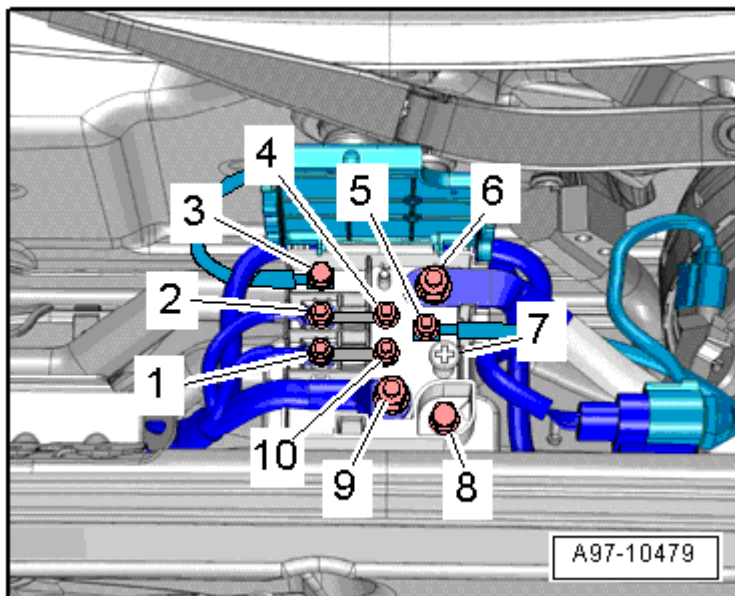


Fig. 40: Identifying Terminal 30 Wire Junction 2 Components
 Courtesy of AUDI OF AMERICA, LLC

- Remove the bolt -8- and remove the terminal 2 wire junction 30 -TV22- from the strut tower.

NOTE: Ignore -4, 7 and 10-.

Installing

- Tightening specification, refer to **TERMINAL 30 WIRE JUNCTION 2 BOLT TIGHTENING SPECIFICATIONS.**

Install in reverse order.

SUPPRESSOR

Removing

-- Remove fuse panel B inside the engine compartment E-box. Refer to **FUSE PANEL B, ENGINE COMPARTMENT E-BOX.**

NOTE: The electrical connectors do not need to be disconnected.

-- Disconnect the cable tie -2-.

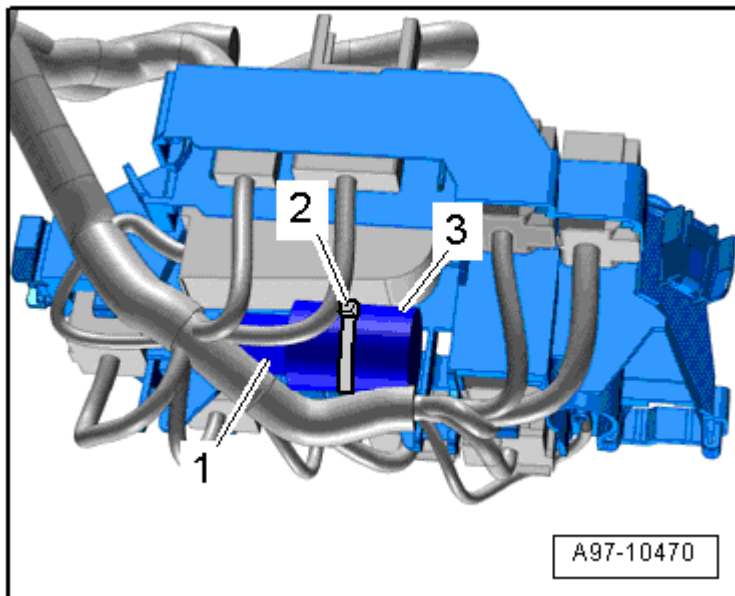


Fig. 41: Identifying Suppressor Components
Courtesy of AUDI OF AMERICA, LLC

-- Disconnect the electrical connector -1-.

-- Remove the suppressor -C24- -item 3-.

Installing

Install in reverse order of removal, observing the following:

NOTE: When installing, install cable ties at same location.

-- Install fuse panel B into the engine compartment E-box. Refer to **FUSE PANEL B, ENGINE COMPARTMENT E-BOX.**

RELAY CARRIER AND FUSE CARRIER, PASSENGER COMPARTMENT

3 PIN RELAY/FUSE PANEL

Removing

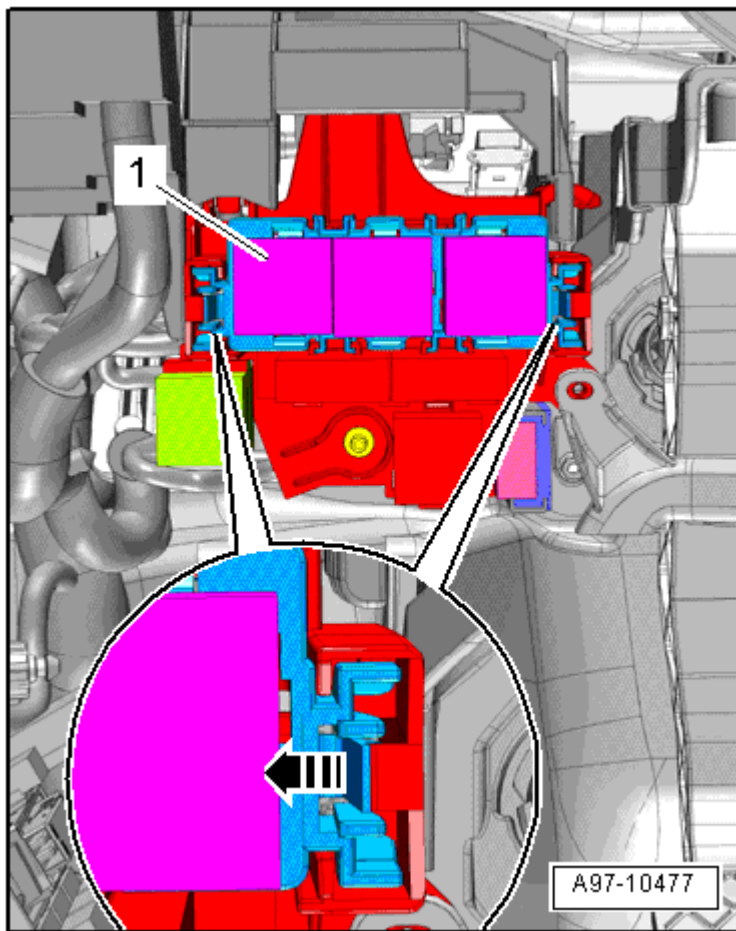


Fig. 42: Identifying 3 Pin Relay/Fuse Panel Components
Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Remove the driver side instrument panel cover. Refer to **Removal and Installation** .
- Disengage the 3 pin relay/fuse panel by pressing the retaining springs in the -direction of the arrow- and

remove the relay/fuse panel -1-.

-- Unclip the fuse panel on the relay and fuse panel.

-- Remove the relay and control modules.

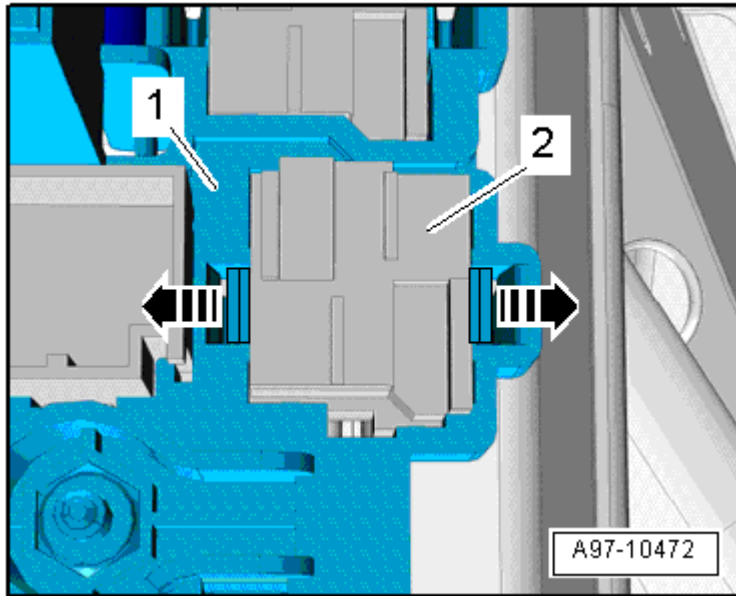


Fig. 43: Identifying Retaining Clips

Courtesy of AUDI OF AMERICA, LLC

-- Release the retaining clips -arrows- and press the relay carrier -2- back and out of the bracket -1-.

NOTE: The exact assignment of the 3 pin relay/fuse panel can be found in the applicable wiring diagram. Refer to the appropriate **SYSTEM WIRING DIAGRAMS** information.

Installing

Install in reverse order of removal, observing the following:

-- Install the driver side instrument panel cover. Refer to **Removal and Installation** .

4 PIN RELAY/FUSE PANEL, WITH THREADED CONNECTION

Removing

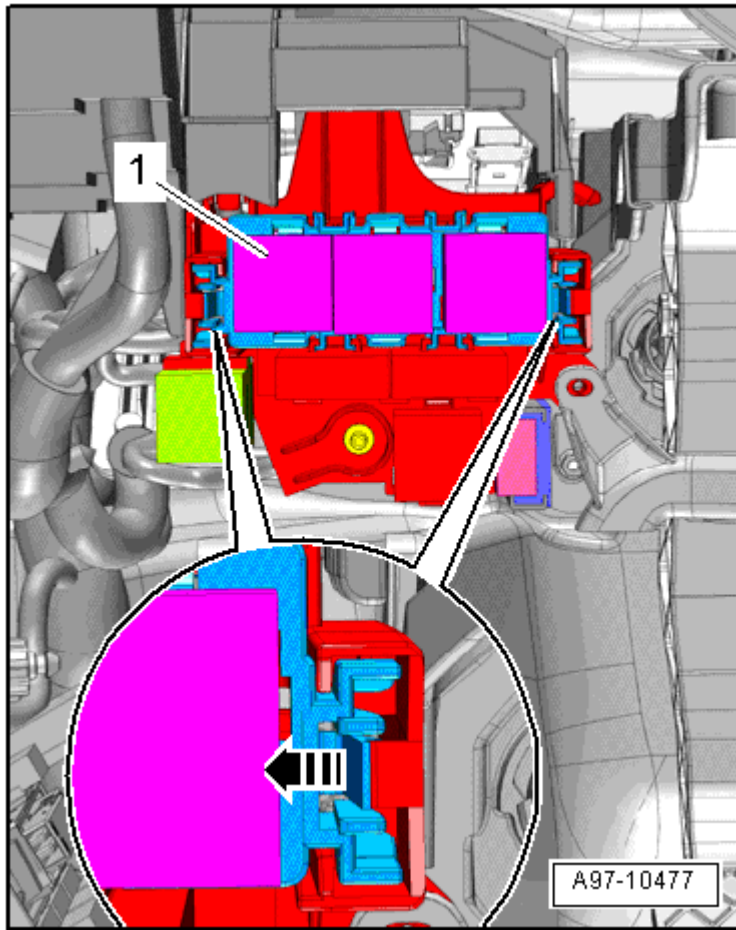


Fig. 44: Identifying 3 Pin Relay/Fuse Panel Components
Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Remove the driver side instrument panel cover. Refer to **Removal and Installation** .
- Disengage the 3 pin relay/fuse panel by pressing the retaining springs in the -direction of the arrow- and remove the relay/fuse panel -1-.
- Mark the electrical wires -1 and 2- before removing so they can be installed later.

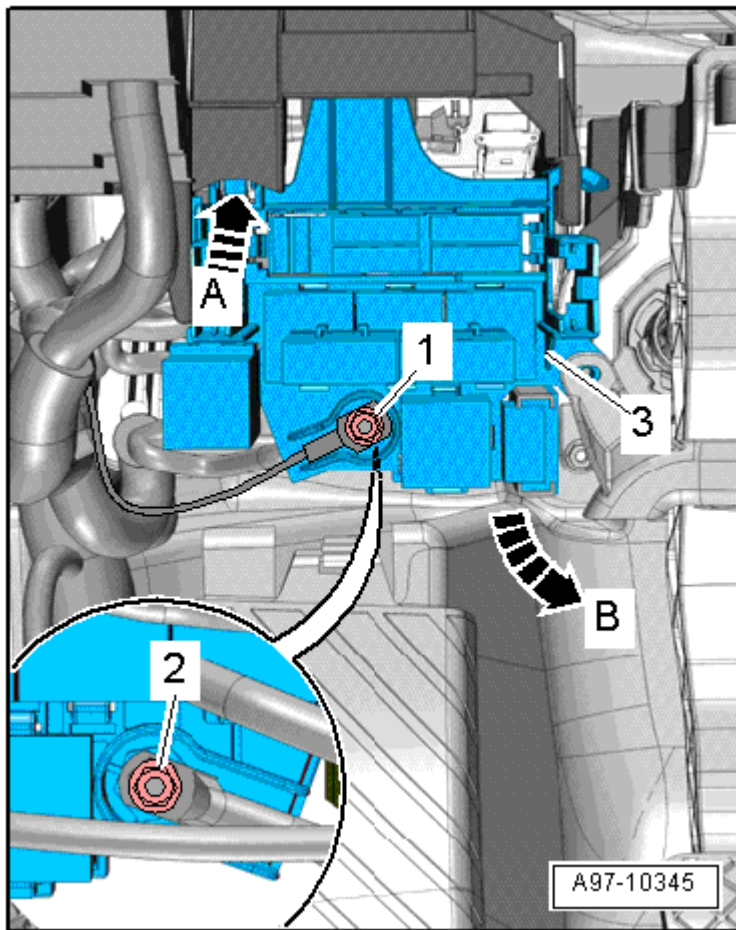


Fig. 45: Removing Relay/Fuse Panel

Courtesy of AUDI OF AMERICA, LLC

- Remove the electrical wire -1- on the 4 pin relay/fuse panel.
- Release the retaining spring -arrow A- and tilt the relay/fuse panel -3- out of the mount -arrow B-.
- On the rear side, remove the electrical wire -2- on the 4 pin relay/fuse panel.
- Unclip fuse panel on relay carrier.
- Remove the relay and control modules.

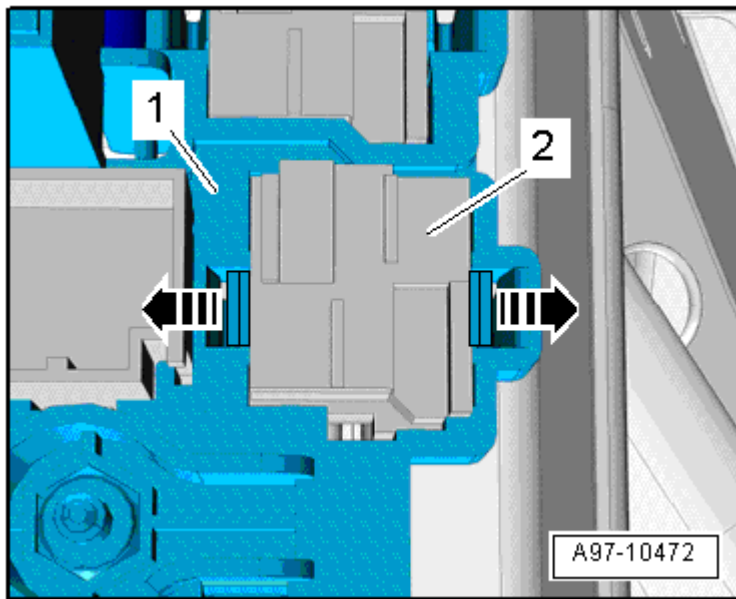


Fig. 46: Identifying Retaining Clips

Courtesy of AUDI OF AMERICA, LLC

-- Release the retaining clips -arrows- and press the relay carrier -2- back and out of the bracket -1-.

NOTE: The exact assignment of the 4 pin relay/fuse panel with threaded connection can be found in the applicable wiring diagram. Refer to the appropriate **SYSTEM WIRING DIAGRAMS** information.

Installing

- Tightening specification, refer to **4 PIN RELAY/FUSE PANEL WITH THREADED CONNECTION NUT TIGHTENING SPECIFICATIONS**.

Install in reverse order of removal, observing the following:

-- Install the driver side instrument panel cover. Refer to **Removal and Installation** .

DRIVER SIDE A-PILLAR 6 PIN CONNECTOR STATION

Removing

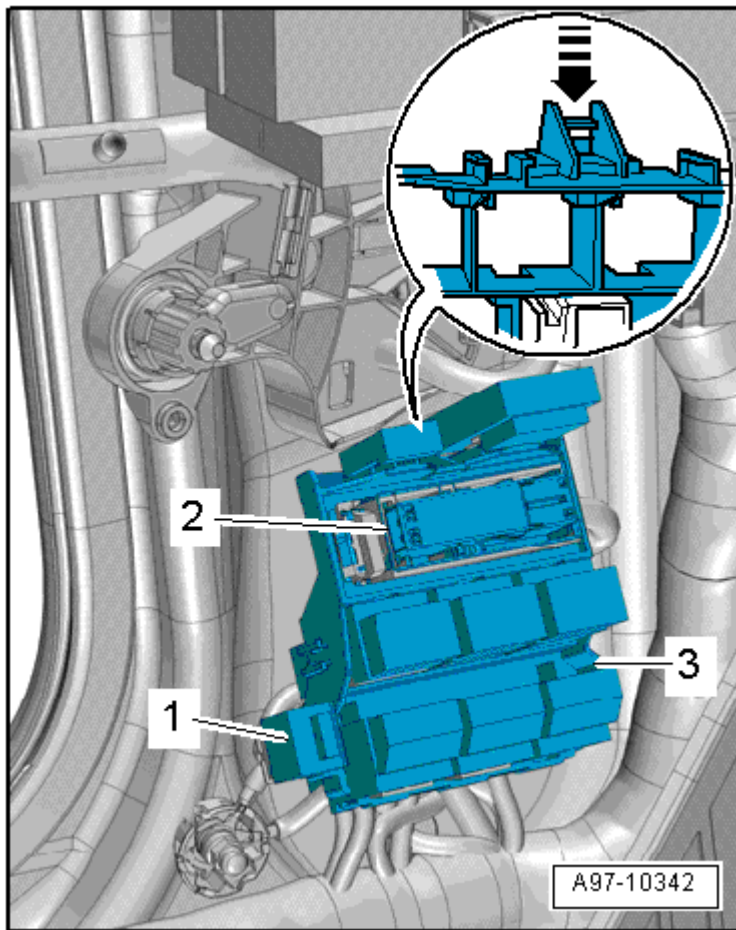


Fig. 47: Identifying Driver Side A-Pillar 6 Pin Connector Station Components

Courtesy of AUDI OF AMERICA, LLC

- With the ignition turned off, disconnect the battery ground cable. Refer to **BATTERY, DISCONNECTING AND CONNECTING**.
- Remove the lower left A-pillar trim panel. Refer to **Removal and Installation**.
- Press the retaining clip in the -direction of the arrow- and disengage the connector station -3- at the A-pillar.
- Unclip fuse panels from coupling station.
- Disconnect the airbag electrical connector -1-. Refer to **Removal and Installation**.
- Remove the mount -2- for the interior CAN cut-off connector -T46i-. Refer to **INTERIOR CAN CUT-OFF CONNECTOR MOUNT**.
- Remove the relay and control modules.

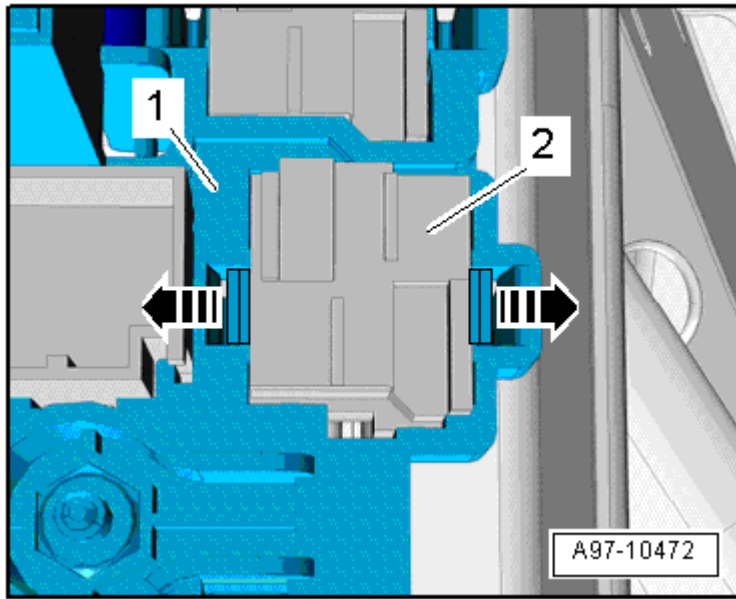


Fig. 48: Identifying Retaining Clips

Courtesy of AUDI OF AMERICA, LLC

-- Release the retaining clips -arrows- and press the relay carrier -2- back and out of the bracket -1-.

NOTE: For the exact assignment of the driver side A-pillar 6-pin connector station, see the applicable wiring diagram. Refer to the appropriate **SYSTEM WIRING DIAGRAMS** information.

Installing

Install in reverse order of removal, observing the following:

-- Install the interior CAN cut-off connector mount. Refer to **INTERIOR CAN CUT-OFF CONNECTOR MOUNT**.

-- Connect the airbag connector. Refer to **Removal and Installation** .

-- Install the lower left A-pillar trim panel. Refer to **Removal and Installation** .

-- Connect the battery. Required actions, refer to **BATTERY, DISCONNECTING AND CONNECTING => Connecting** .

FUSE PANEL C, WITH LEFT INSTRUMENT PANEL FUSE PANEL

Special tools and workshop equipment required

- Removal Wedge 3409

Removing

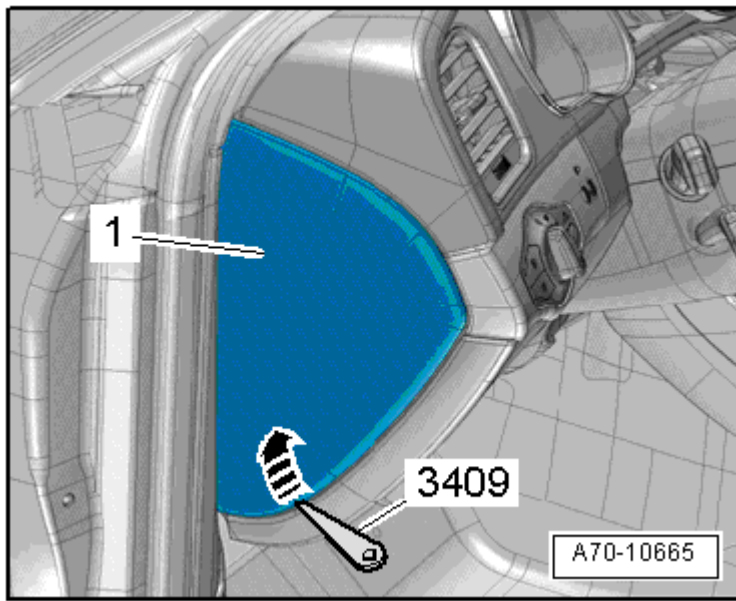


Fig. 49: Removing Instrument Panel Cover
Courtesy of AUDI OF AMERICA, LLC

- Pry the instrument panel side cover -1- up using the 3409 -arrow- and remove it.
- Open the clips -1- in -direction of arrow- and push the fuse carriers -2 through 4- out of fuse panel C.

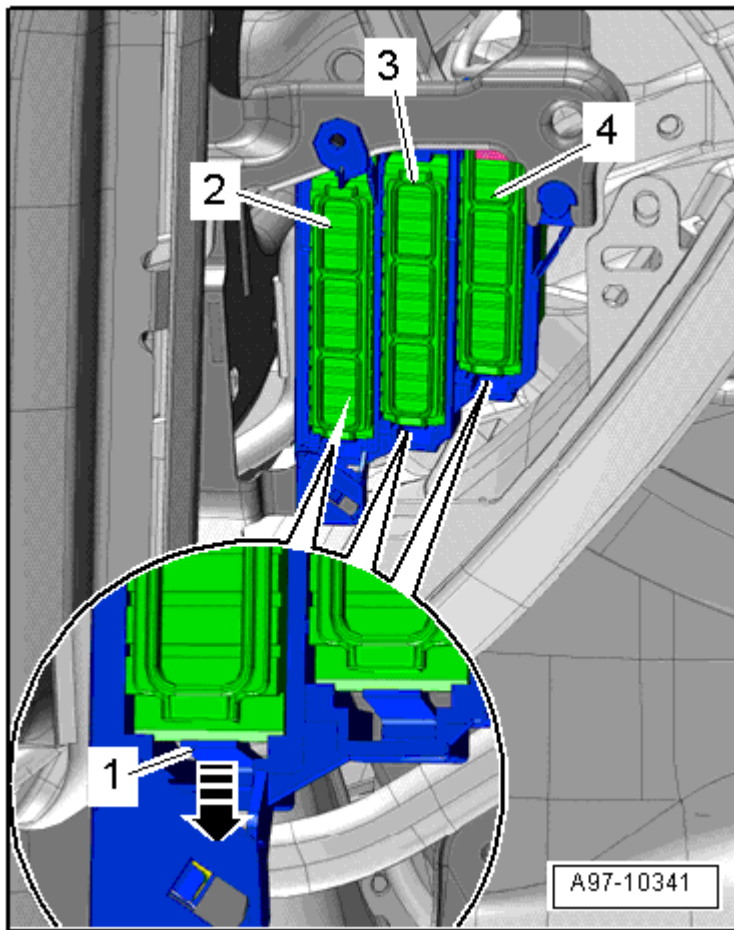


Fig. 50: Removing Fuse Carriers

Courtesy of AUDI OF AMERICA, LLC

-- Open the clips -arrow A- and remove fuse panel C -2- in -direction of arrow B- on the central tube -1- for the instrument panel.

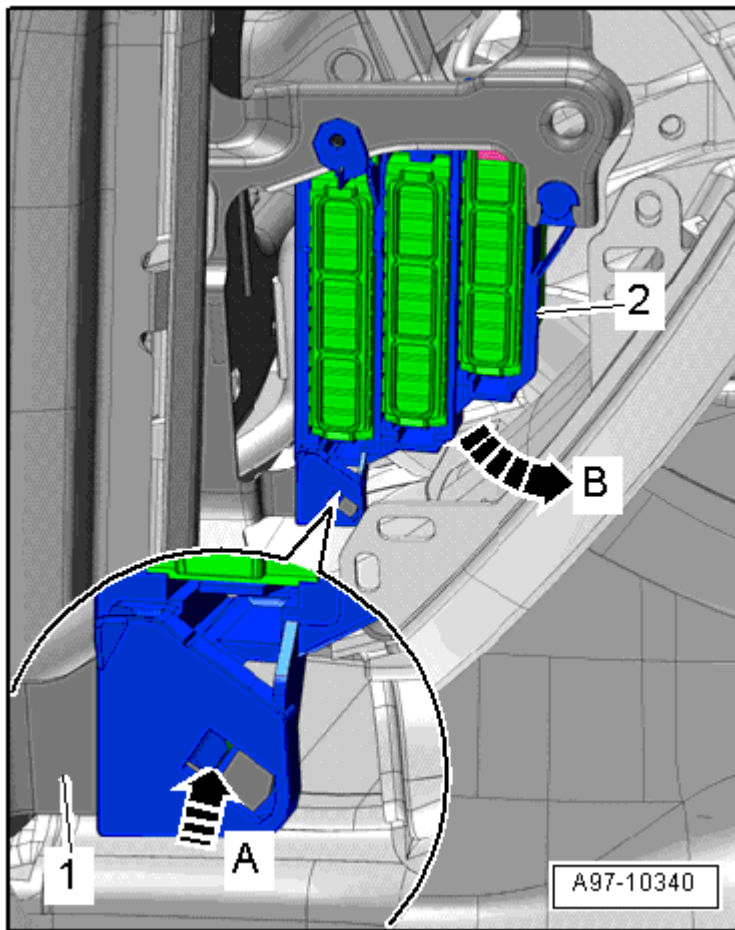


Fig. 51: Removing Fuse Panel

Courtesy of AUDI OF AMERICA, LLC

Installing

Install in reverse order.

FUSE PANEL D, WITH RIGHT INSTRUMENT PANEL FUSE PANEL

Removing

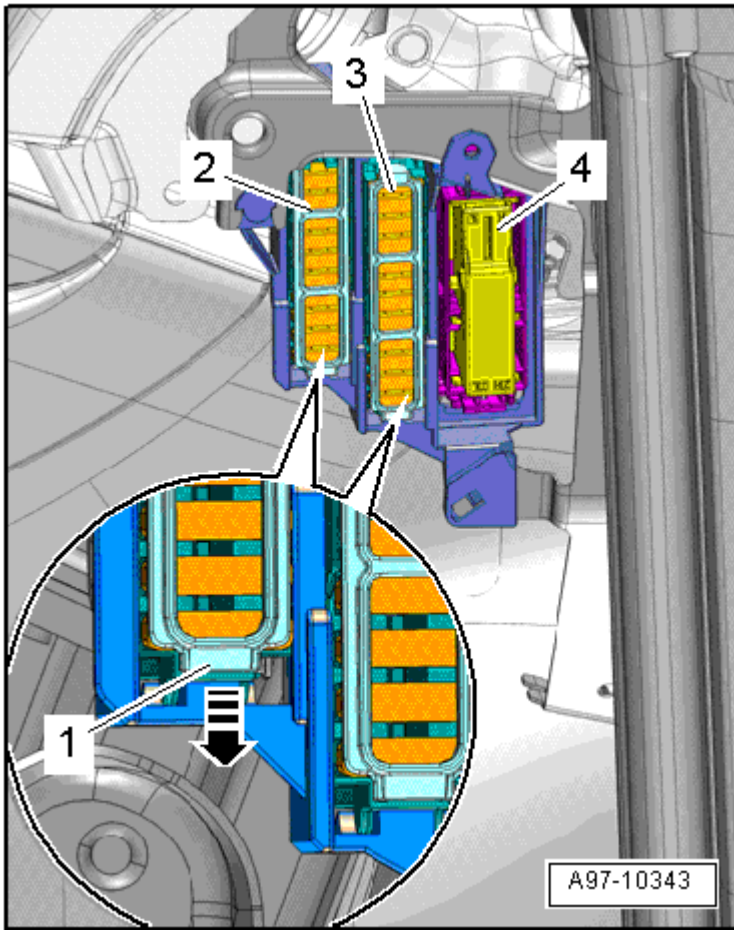


Fig. 52: Identifying Fuse Panel D, With Right Instrument Panel Fuse Panel Components
Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Remove the glove compartment. Refer to **Removal and Installation** .
- Remove the interior CAN cut-off connector -T46i- mount -item 4-. Refer to **INSTRUMENT PANEL CAN CUT-OFF CONNECTOR MOUNT**.
- Release retaining clips -1- in the -direction of the arrow- and press the fuse panels -2- and -3- back and out of the fuse panel D.
- Open the clips -arrow A- and remove fuse panel D -2- in -direction of arrow B- on the central tube -1- for the instrument panel.

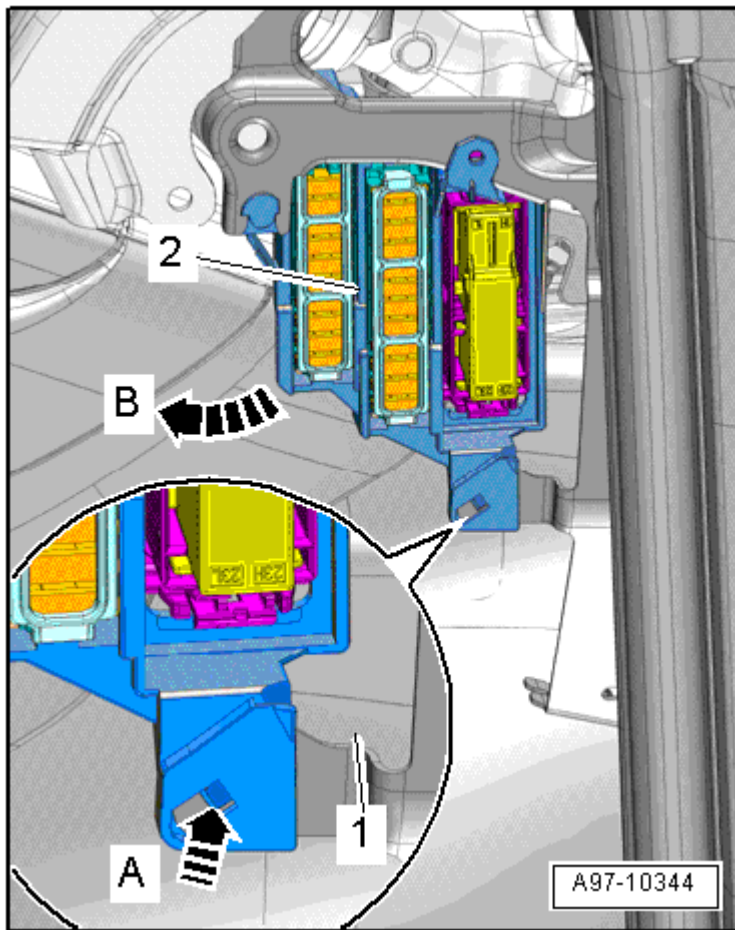


Fig. 53: Removing Fuse Panel D - 2

Courtesy of AUDI OF AMERICA, LLC

Installing

Install in reverse order of removal, observing the following:

-- Install the interior CAN cut-off connector mount. Refer to **INSTRUMENT PANEL CAN CUT-OFF CONNECTOR MOUNT**.

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

INSTRUMENT PANEL CAN CUT-OFF CONNECTOR

Special tools and workshop equipment required

- Trim Removal Wedge 3409

Removing

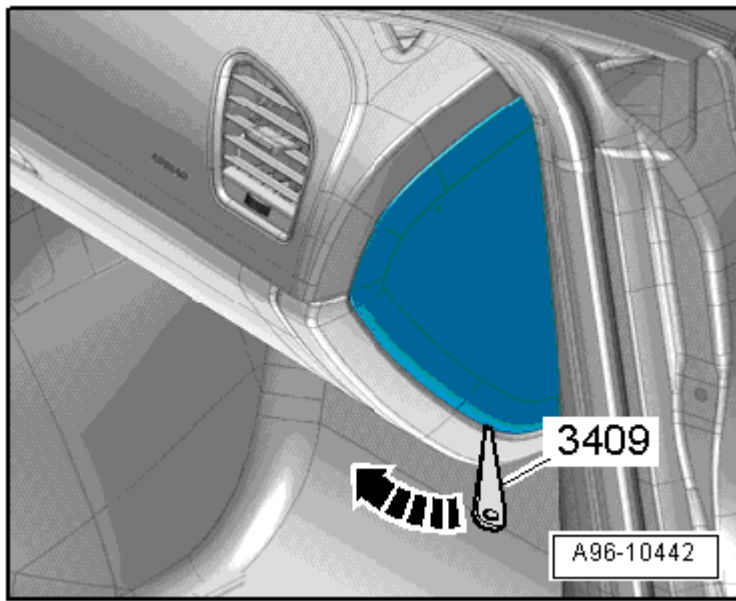


Fig. 54: Removing Instrument Panel Side Cover
Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Pry the instrument panel side cover off with the 3409 -arrow- and remove it.
- Press retaining tabs -1- and release retainer -arrow-.

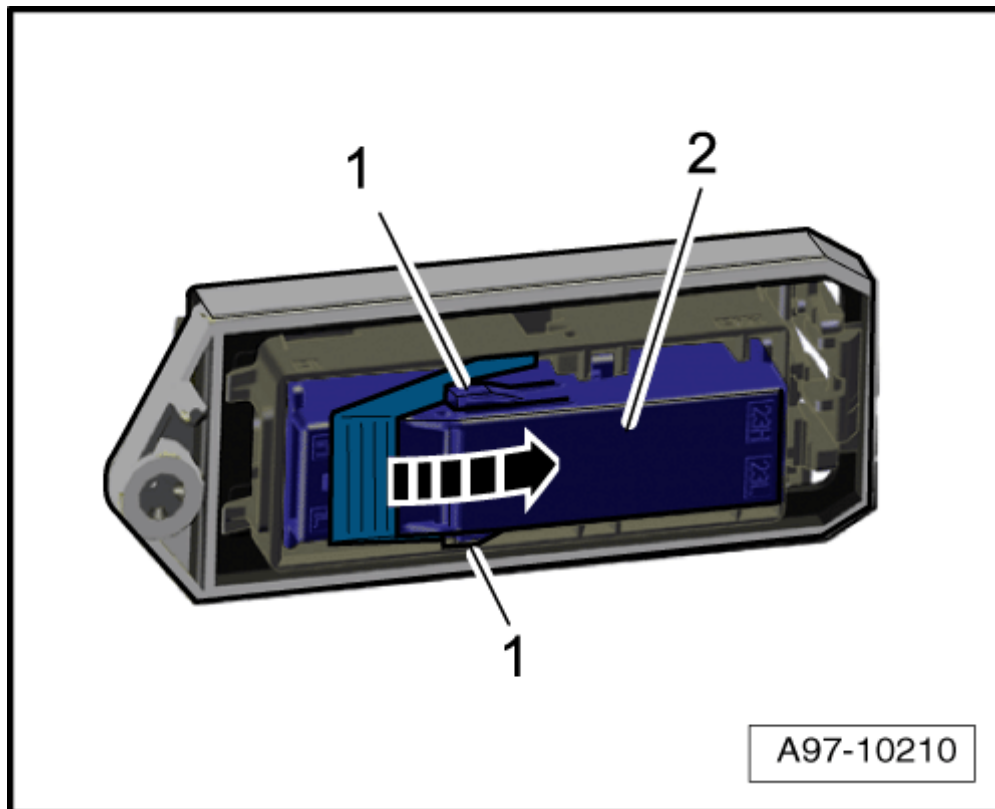


Fig. 55: Press Retaining Tabs -1- And Release Retainer -Arrow-
Courtesy of AUDI OF AMERICA, LLC

-- Remove the instrument panel CAN cut-off connector -T46s- -item 2-.

NOTE: For the exact assignment of the interior CAN cut-off connector, see the applicable wiring diagram. Refer to the appropriate **SYSTEM WIRING DIAGRAMS** information.

Installing

Install in reverse order.

INSTRUMENT PANEL CAN CUT-OFF CONNECTOR MOUNT

Removing

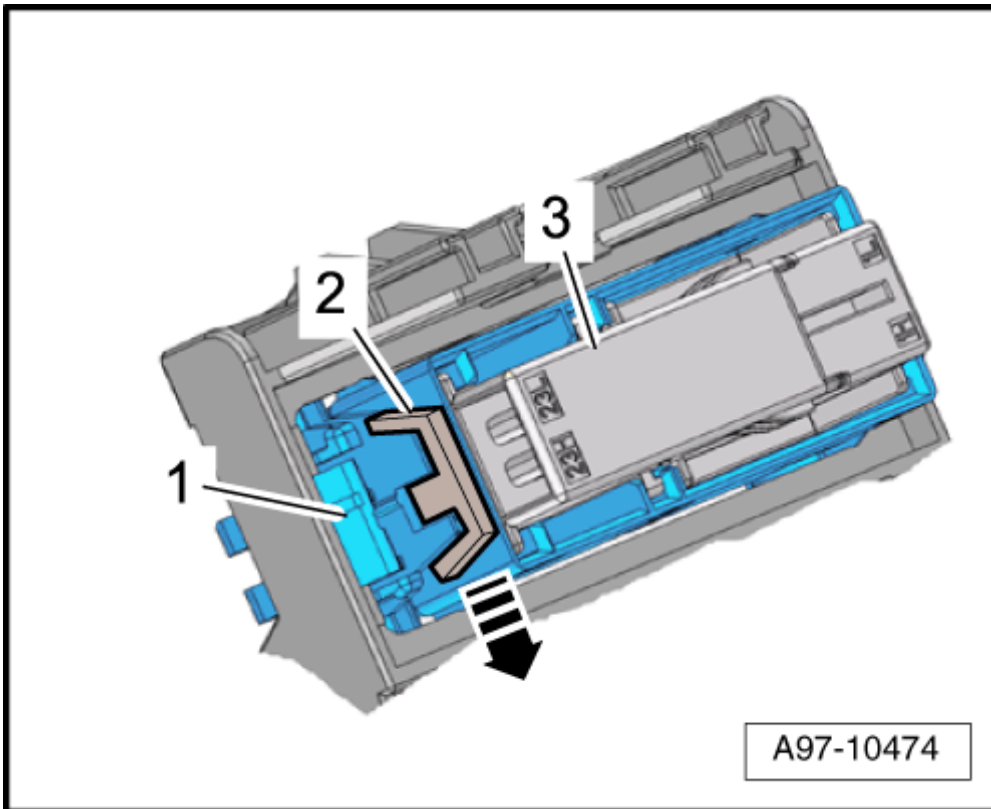


Fig. 56: Removing Can Cut-Off Connector Mount

Courtesy of AUDI OF AMERICA, LLC

- Remove the glove compartment. Refer to **Removal and Installation** .
- Remove the instrument panel CAN cut-off connector -T46s-. Refer to **INSTRUMENT PANEL CAN CUT-OFF CONNECTOR**.
- Slide the locking lever -2- into the "open" position -arrow-.
- Press the release -1- and press the mount -3- for the instrument panel CAN cut-off connector back.

Installing

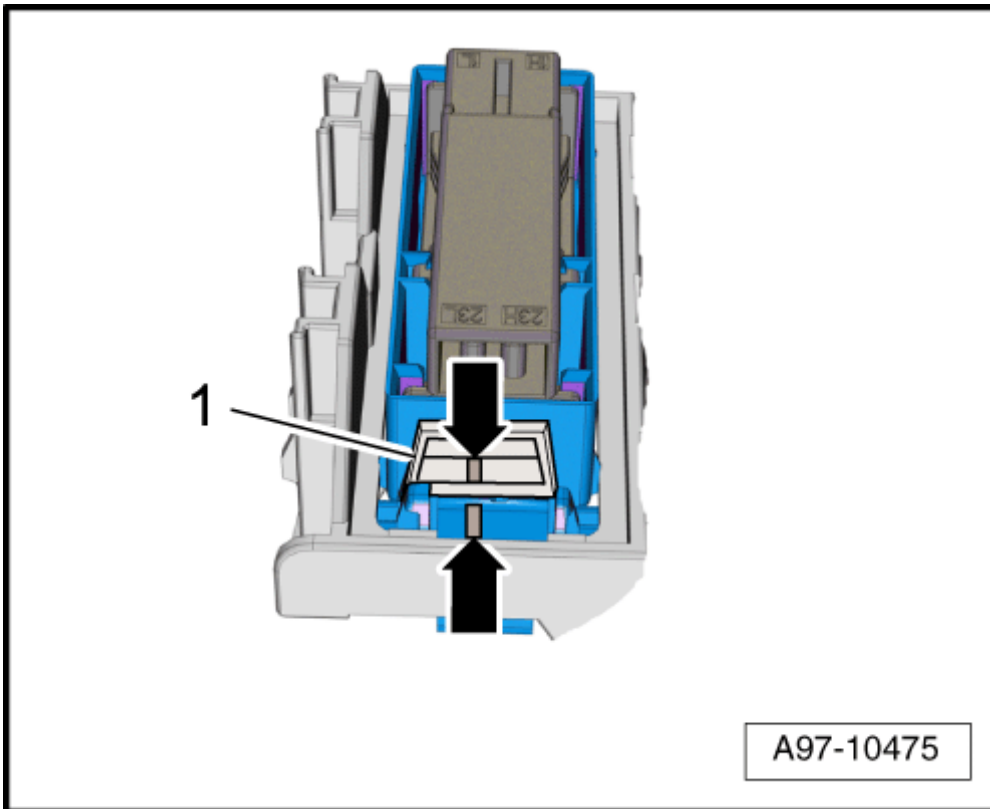


Fig. 57: Installing Can Cut-Off Connector Mount
Courtesy of AUDI OF AMERICA, LLC

Install in reverse order of removal, observing the following:

-- Slide the locking lever -1- on the mount into the "closed" position.

- Both markings -arrows- must align.

-- Install the instrument panel CAN cut-off connector. Refer to **INSTRUMENT PANEL CAN CUT-OFF CONNECTOR**.

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

INTERIOR CAN CUT-OFF CONNECTOR

Removing

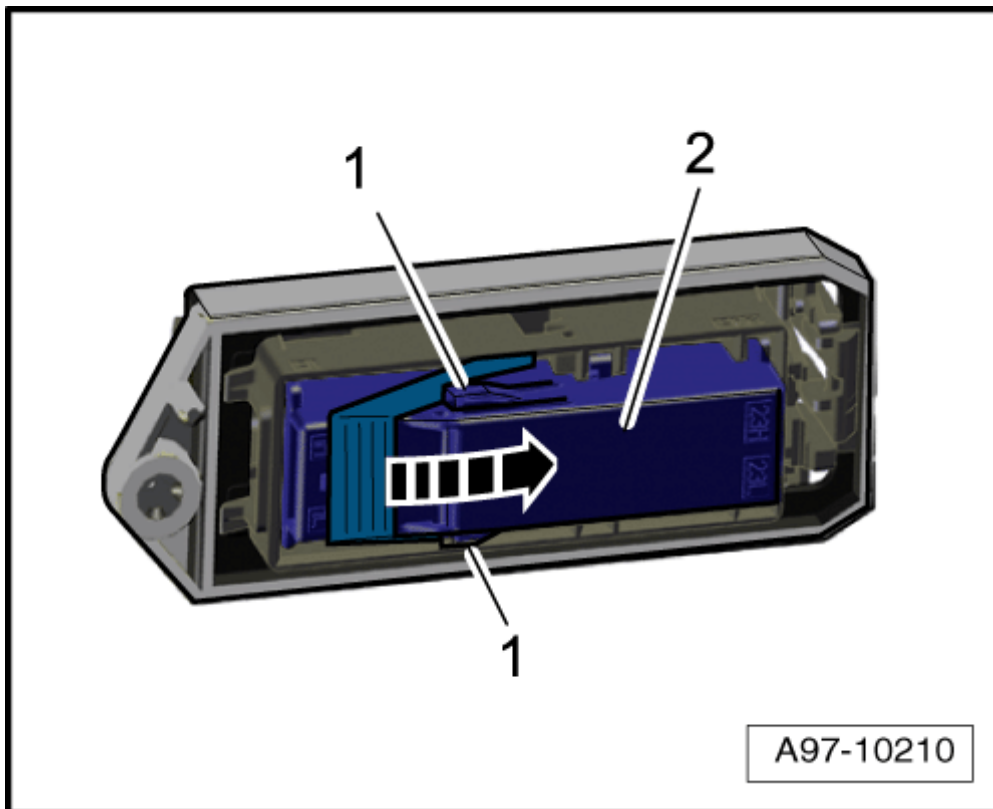


Fig. 58: Press Retaining Tabs -1- And Release Retainer -Arrow-.
Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Remove the lower left A-pillar trim panel. Refer to Removal and Installation .
- Press retaining tabs -1- and release retainer -arrow-.
- Remove the interior CAN cut-off connector -T46i- -item 2-.

NOTE: For the exact assignment of the interior CAN cut-off connector, see the applicable wiring diagram. Refer to the appropriate **SYSTEM WIRING DIAGRAMS** information.

Installing

Install in reverse order of removal, observing the following:

- Install the lower left A-pillar trim panel. Refer to Removal and Installation .

INTERIOR CAN CUT-OFF CONNECTOR MOUNT

Removing

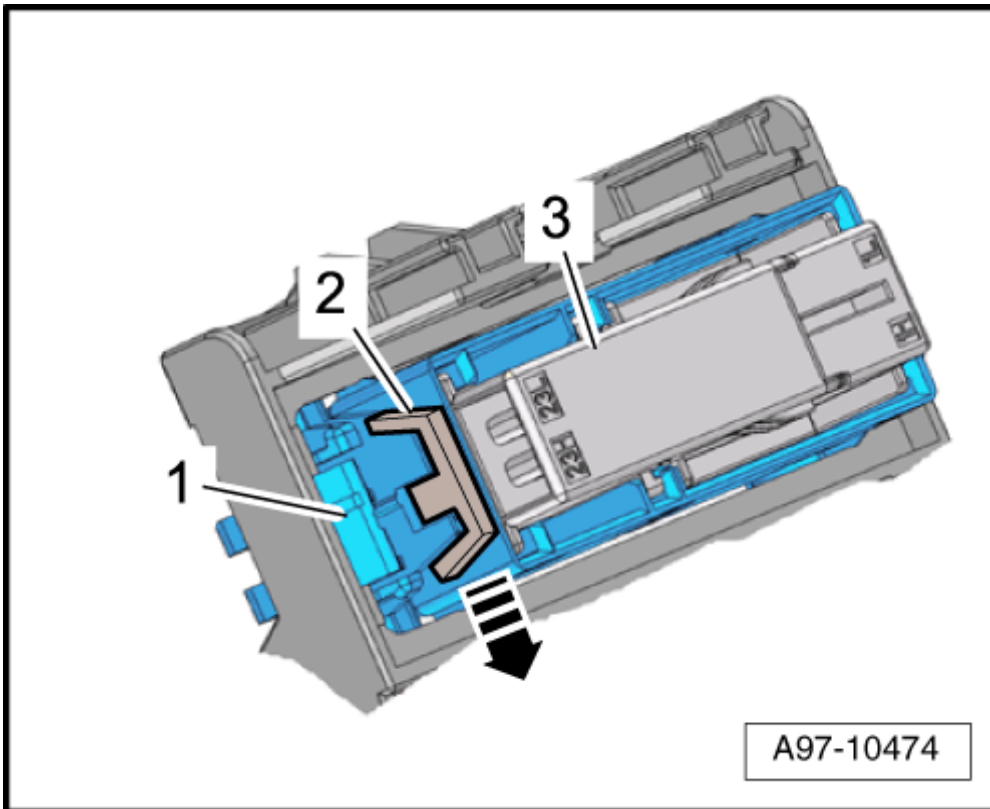


Fig. 59: Removing Can Cut-Off Connector Mount
Courtesy of AUDI OF AMERICA, LLC

- Disengage the left A-pillar connector station. Refer to **DRIVER SIDE A-PILLAR 6 PIN CONNECTOR STATION**.
- Remove the interior CAN cut-off connector -T46i-. Refer to **INTERIOR CAN CUT-OFF CONNECTOR**.
- Slide the locking lever -2- into the "open" position -arrow-.
- Press the release -1- and press the mount -3- for the interior CAN cut-off connector back.

Installing

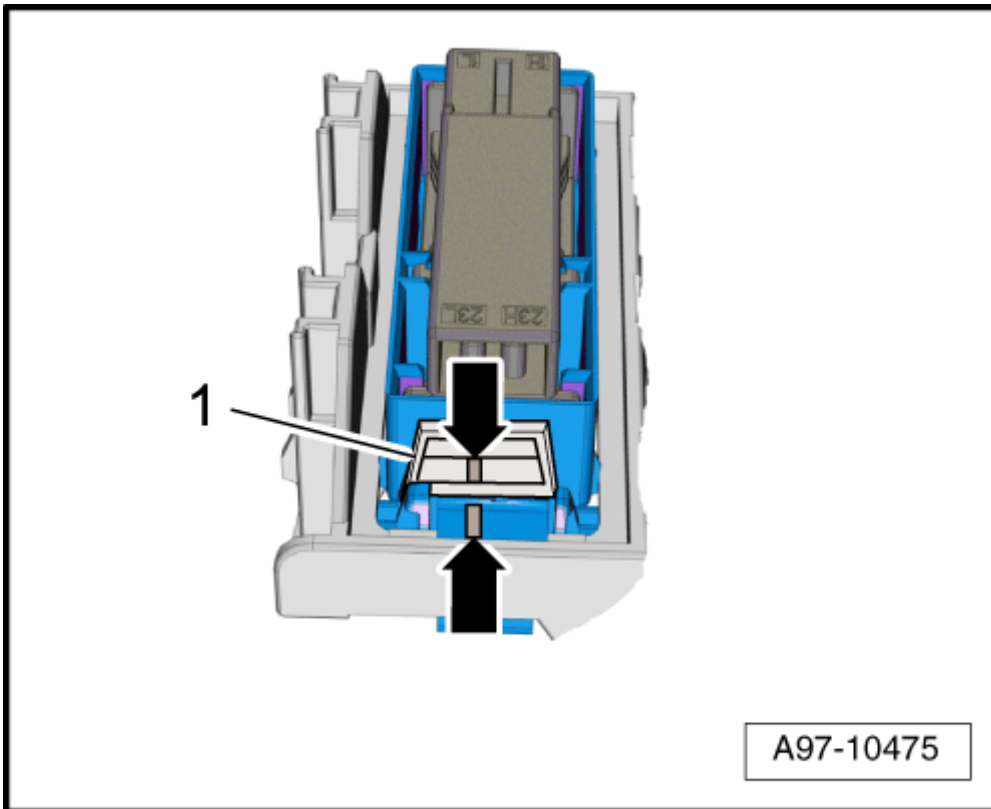


Fig. 60: Installing Can Cut-Off Connector Mount
 Courtesy of AUDI OF AMERICA, LLC

Install in reverse order of removal, observing the following:

- Slide the locking lever -1- on the mount into the "closed" position.
 - Both markings -arrows- must align.
- Install the interior CAN cut-off connector. Refer to **INTERIOR CAN CUT-OFF CONNECTOR**.
- Install the left A-pillar connector station. Refer to **DRIVER SIDE A-PILLAR 6 PIN CONNECTOR STATION**.

LEFT INSTRUMENT PANEL FUSE PANEL

Removing

- With the ignition turned off, disconnect the battery ground cable. Refer to **BATTERY, DISCONNECTING AND CONNECTING**.
- Remove fuse panel C on the left side of the instrument panel. Refer to **FUSE PANEL C, WITH LEFT INSTRUMENT PANEL FUSE PANEL**.

NOTE: Remove the driver side top instrument panel cover if necessary **Removal and**

Installation .

-- Unlock the release and remove from the fuse carrier, if equipped.

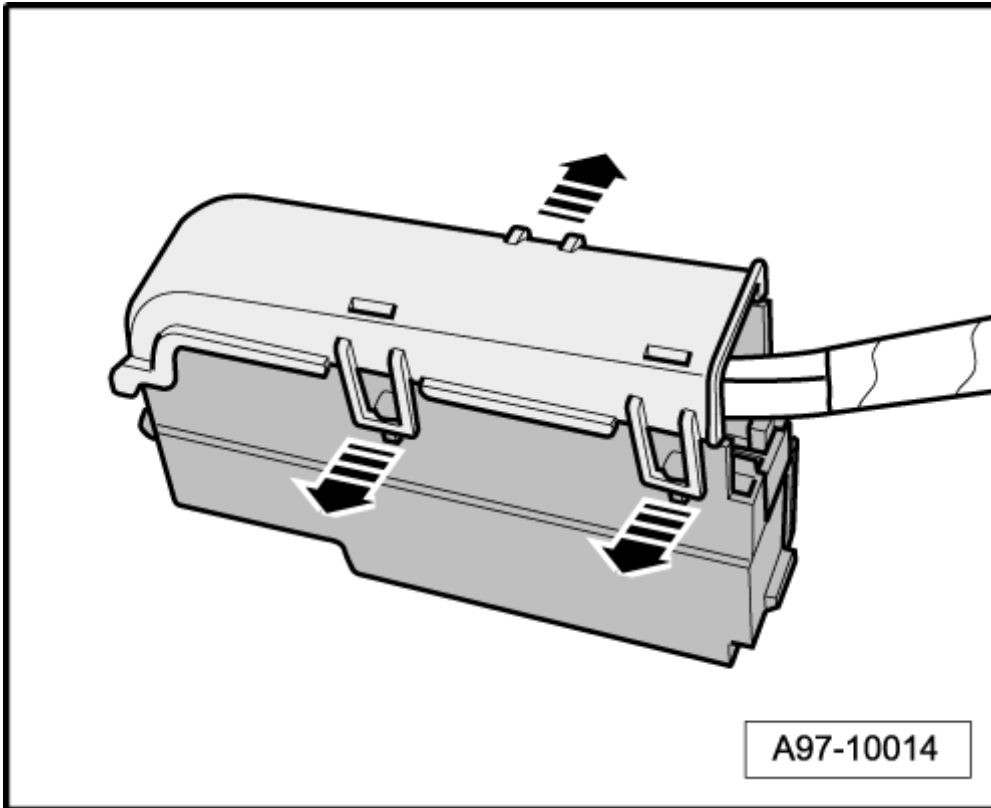


Fig. 61: Releasing Clips And Removing Cover From Fuse Holder

Courtesy of AUDI OF AMERICA, LLC

- Remove the fuses from the fuse panel.
- Release retaining clips -arrows- and remove the cover from the fuse panel.
- Remove connector retaining strip -1- -arrow- and remove connectors from plug-in socket.

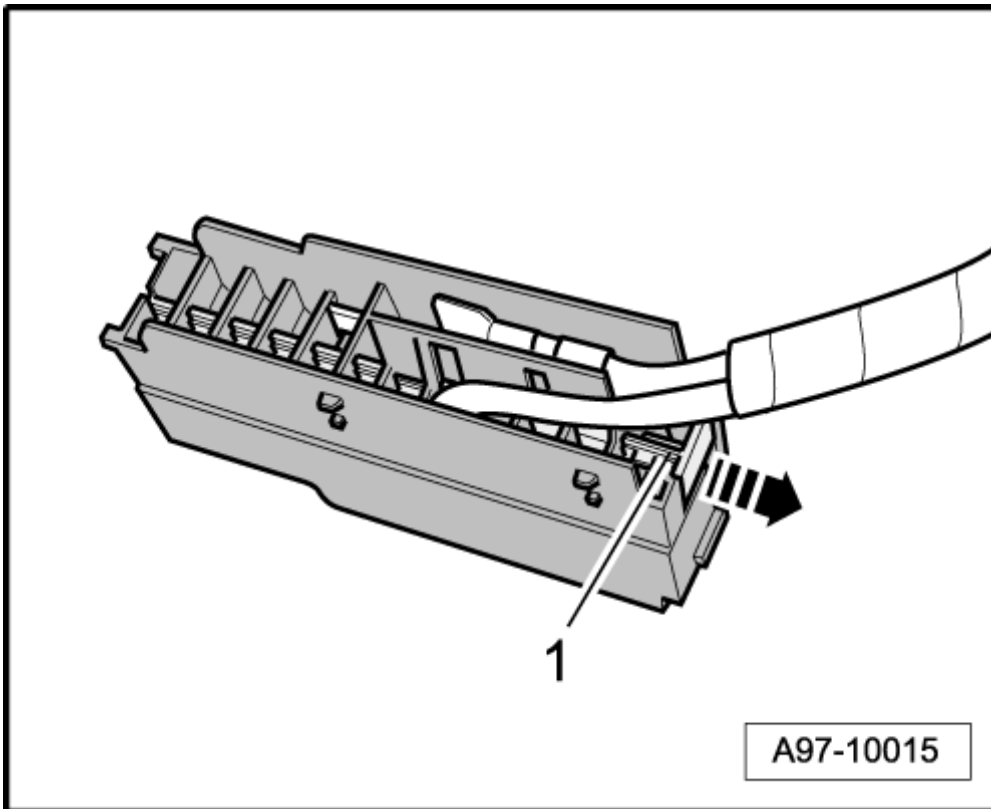


Fig. 62: Pulling Off Retaining Strip For Harness Connectors And Removing Harness Connectors From Connector Socket

Courtesy of AUDI OF AMERICA, LLC

NOTE: Check the exact assignment for left instrument panel fuse panel in the applicable wiring diagram. Refer to the appropriate **SYSTEM WIRING DIAGRAMS** information.

Installing

Install in reverse order of removal, observing the following:

-- Install fuse panel C on the left side of the instrument panel. Refer to **FUSE PANEL C, WITH LEFT INSTRUMENT PANEL FUSE PANEL**.

-- Connect the battery. Required actions, refer to **BATTERY, DISCONNECTING AND CONNECTING**.

PASSENGER SIDE A-PILLAR 6 PIN CONNECTOR STATION

Removing

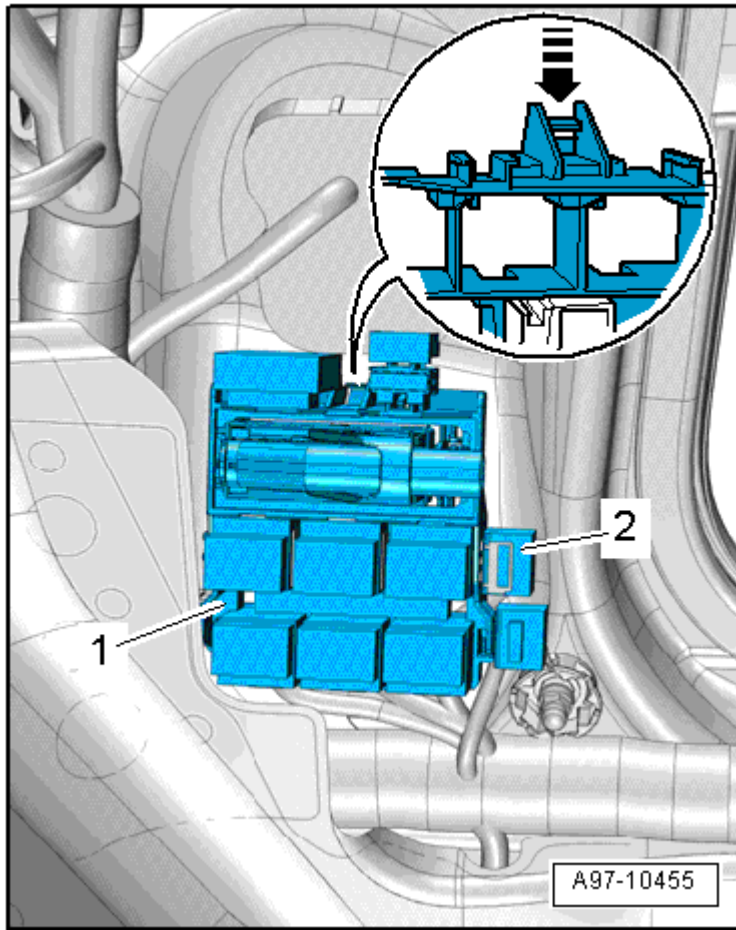


Fig. 63: Removing Passenger Side A-Pillar 6 Pin Connector Station

Courtesy of AUDI OF AMERICA, LLC

- With the ignition turned off, disconnect the battery ground cable. Refer to **BATTERY, DISCONNECTING AND CONNECTING**.
- Remove the right lower trim on the A-pillar. Refer to **Removal and Installation**.
- Press the retaining clip in the -direction of the arrow- and disengage the connector station -1- at the A-pillar.
- Unclip the fuse panel -2- at the connector station.
- Disconnect the airbag connector -2- if applicable. Refer to **Removal and Installation**.
- Remove the relay and control modules.

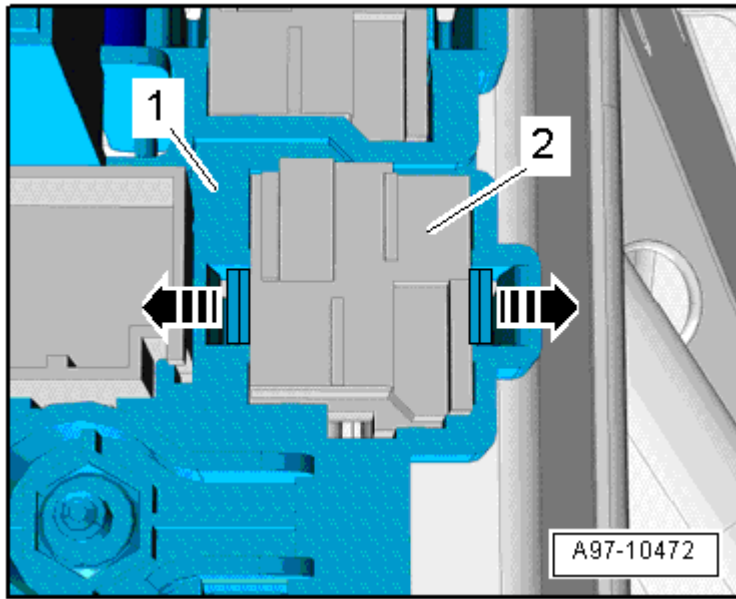


Fig. 64: Identifying Retaining Clips

Courtesy of AUDI OF AMERICA, LLC

-- Release the retaining clips -arrows- and press the relay carrier -2- back and out of the bracket -1-.

NOTE: For the exact assignment of the passenger side A-pillar 6 pin connector station, see the applicable wiring diagram. Refer to the appropriate **SYSTEM WIRING DIAGRAMS** information.

Installing

Install in reverse order of removal, observing the following:

- Connect the airbag connector. Refer to **Removal and Installation** .
- Install the right lower trim on the A-pillar. Refer to **Removal and Installation** .
- Connect the battery. Required actions, refer to **BATTERY, DISCONNECTING AND CONNECTING** .

RELAY/FUSE PANEL MOUNT WITH VEHICLE ELECTRICAL SYSTEM CONTROL MODULE

Removing

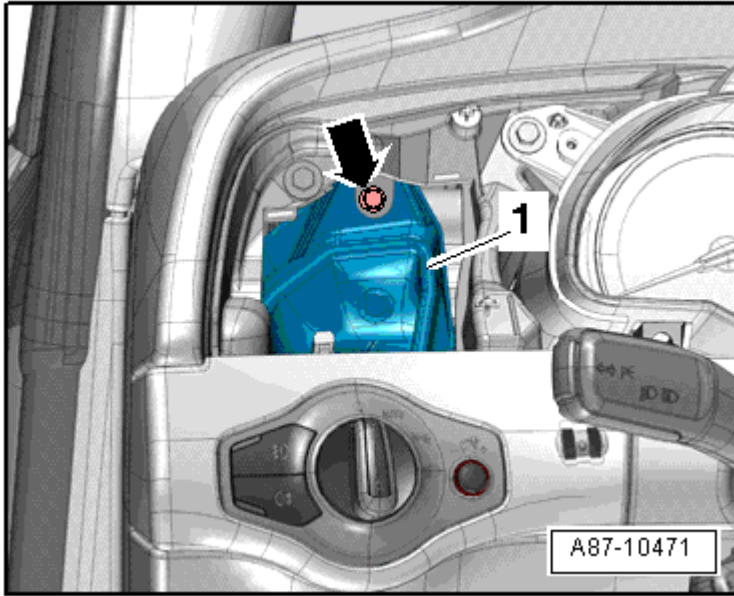


Fig. 65: Identifying Relay/Fuse Panel Mount With Vehicle Electrical System Control Module
Courtesy of AUDI OF AMERICA, LLC

- Remove the left instrument panel vent. Refer to **Removal and Installation** .
- Remove the bolt -arrow- on the air duct -1-.

NOTE: **It is not necessary to remove the air duct.**

- Remove the vehicle electrical system control module -J519-. Refer to **VEHICLE ELECTRICAL SYSTEM CONTROL MODULE -J519-**.

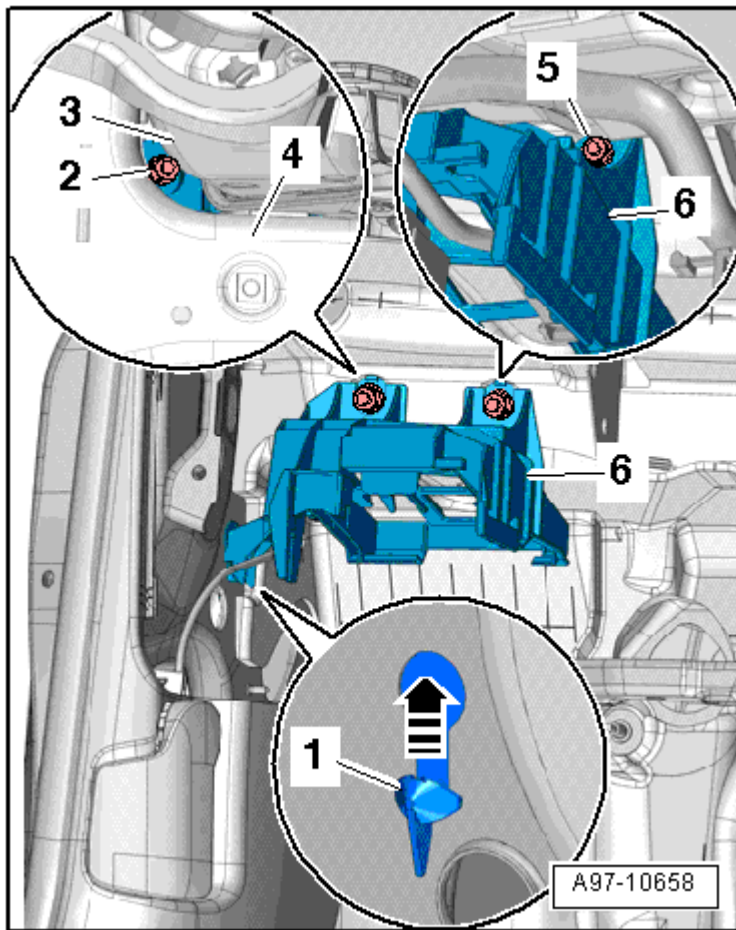


Fig. 66: Removing Fuse Panel Mount

Courtesy of AUDI OF AMERICA, LLC

- Insert a socket on an extension between the air duct -3- and the central tube -4- and remove the nut -2-.
- Remove the nut -5- using the socket on the extension -6- as illustrated.
- Remove the mount from the threaded pins.
- Disengage the retaining pins -1- on the mount at the side guide in the A-pillar -arrow- while pulling the mount toward the passenger compartment.

Installing

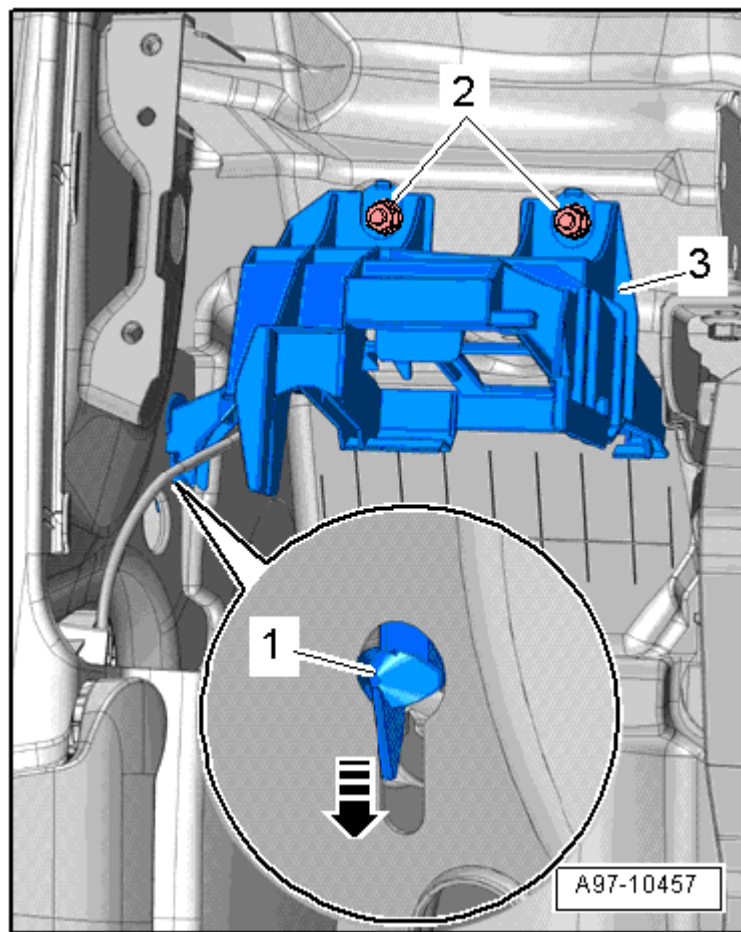


Fig. 67: Installing Fuse Panel Mount
Courtesy of AUDI OF AMERICA, LLC

Install in reverse order of removal, observing the following:

- Tightening specification, refer to **RELAY CARRIER AND FUSE PANEL IN INSTRUMENT PANEL AND A-PILLAR OVERVIEW**.

- Engage the retaining pins -1- on the mount -3- at the side guide in the A-pillar -arrow-.
- Tighten the nut -2-.
- Install the air duct to the left instrument panel vent. Refer to **Removal and Installation** .
- Install the left instrument panel vents. Refer to **Removal and Installation** .

RIGHT INSTRUMENT PANEL FUSE PANEL

Removing

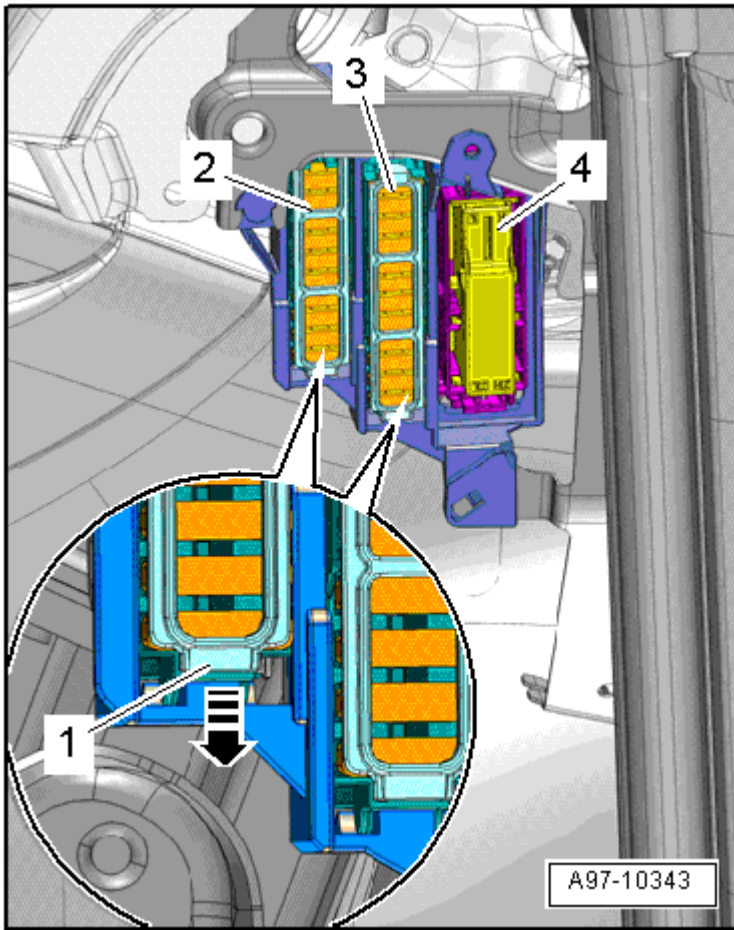


Fig. 68: Identifying Fuse Panel D, With Right Instrument Panel Fuse Panel Components

Courtesy of AUDI OF AMERICA, LLC

-- With the ignition turned off, disconnect the battery ground cable. Refer to **BATTERY, DISCONNECTING AND CONNECTING** .

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

-- Release retaining clips -1- in the -direction of the arrow- and press the fuse panels -2- and -3- back and out of the fuse panel D.

NOTE: Ignore item -4-.

-- Unlock the release and remove from the fuse carrier, if equipped.

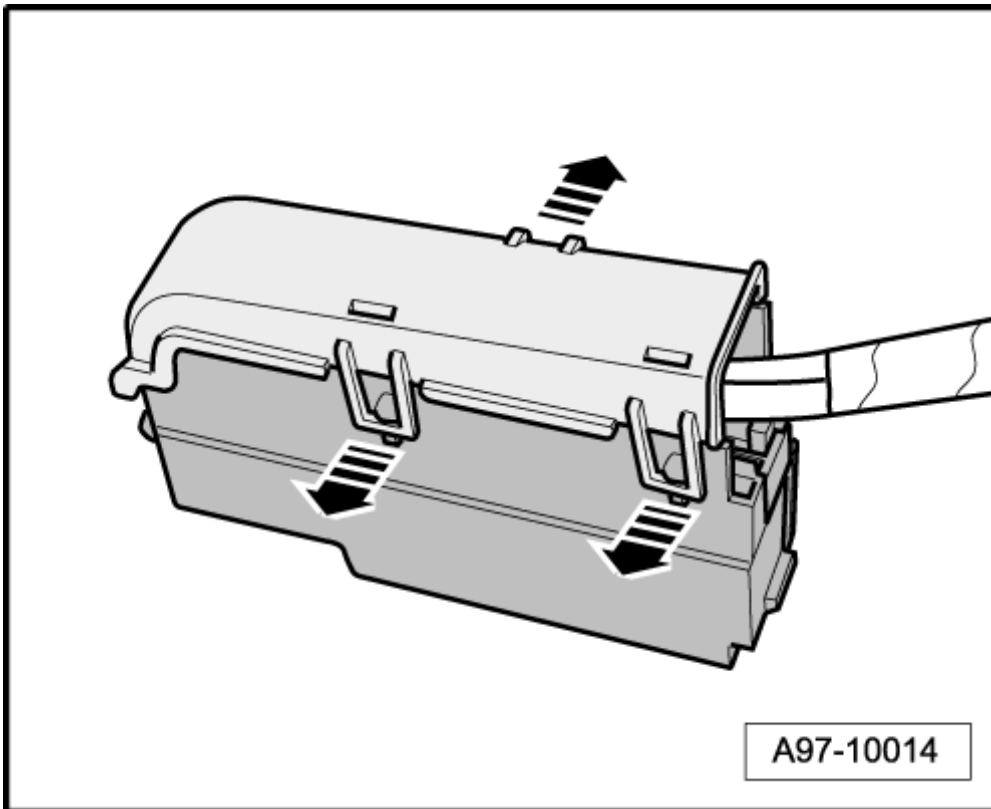


Fig. 69: Releasing Clips And Removing Cover From Fuse Holder
Courtesy of AUDI OF AMERICA, LLC

- Remove the fuses from the fuse panel.
- Release retaining clips -arrows- and remove the cover from the fuse panel.
- Remove the connector retaining strip -1- -arrow- and remove connectors from plug-in socket.

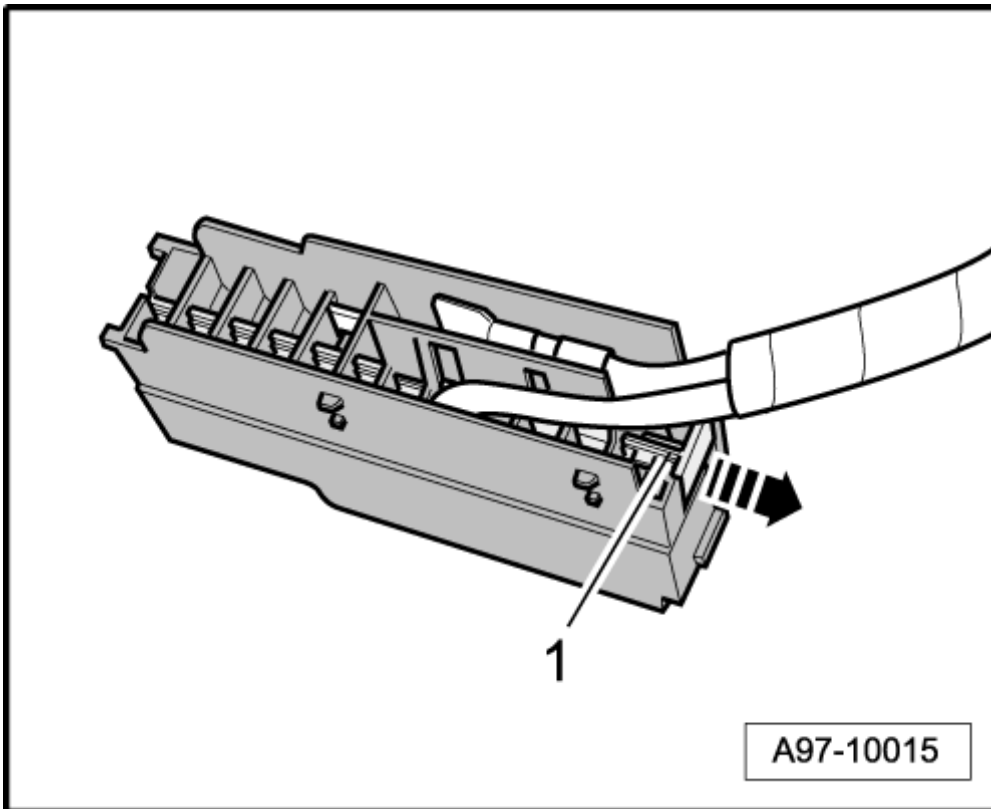


Fig. 70: Pulling Off Retaining Strip For Harness Connectors And Removing Harness Connectors From Connector Socket

Courtesy of AUDI OF AMERICA, LLC

NOTE: The exact assignment of the right instrument panel fuse panel can be found in the applicable wiring diagram. Refer to the appropriate **SYSTEM WIRING DIAGRAMS** information.

Installing

Install in reverse order of removal, observing the following:

- Install the glove compartment. Refer to **Removal and Installation** .
- Connect the battery. Required actions, refer to **BATTERY, DISCONNECTING AND CONNECTING** .

VEHICLE ELECTRICAL SYSTEM CONTROL MODULE -J519-

- If the control module was replaced, select the "Replace" function for the respective control module in "Guided Fault Finding" or "Guided Functions" using the Vehicle Diagnostic Tester.

Removing

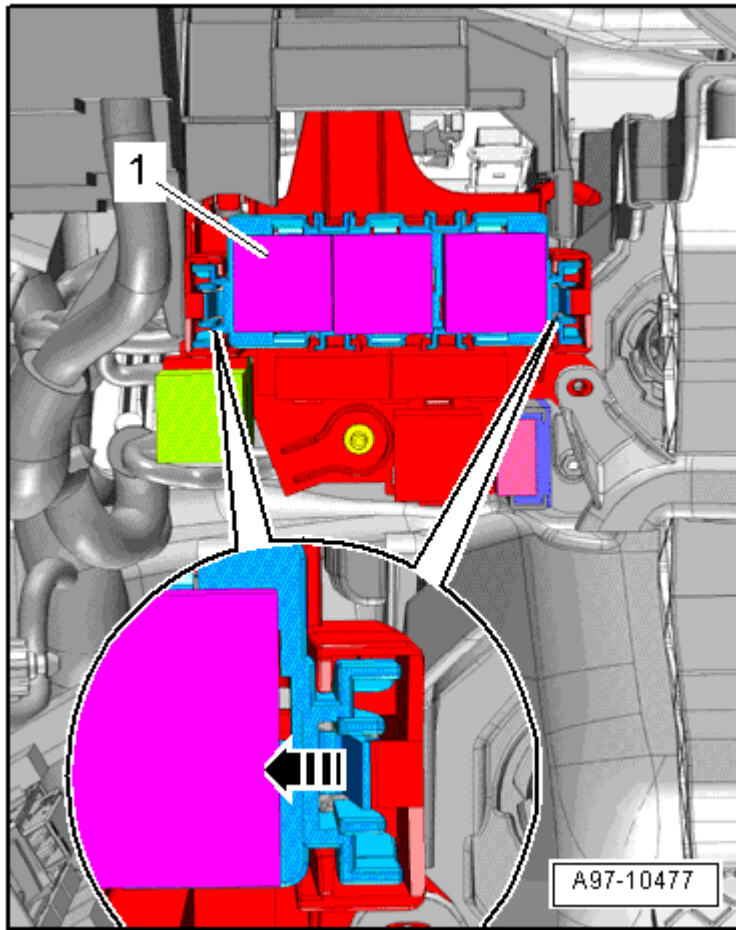


Fig. 71: Identifying 3 Pin Relay/Fuse Panel Components
Courtesy of AUDI OF AMERICA, LLC

- Turn off the ignition and remove the ignition key.
- Remove the driver side instrument panel cover. Refer to **Removal and Installation** .
- Disengage the 3 pin relay/fuse panel by pressing the retaining springs in the -direction of the arrow- and remove the relay/fuse panel -1-.
- Remove the electrical wire -1- on the 4 pin relay/fuse panel.

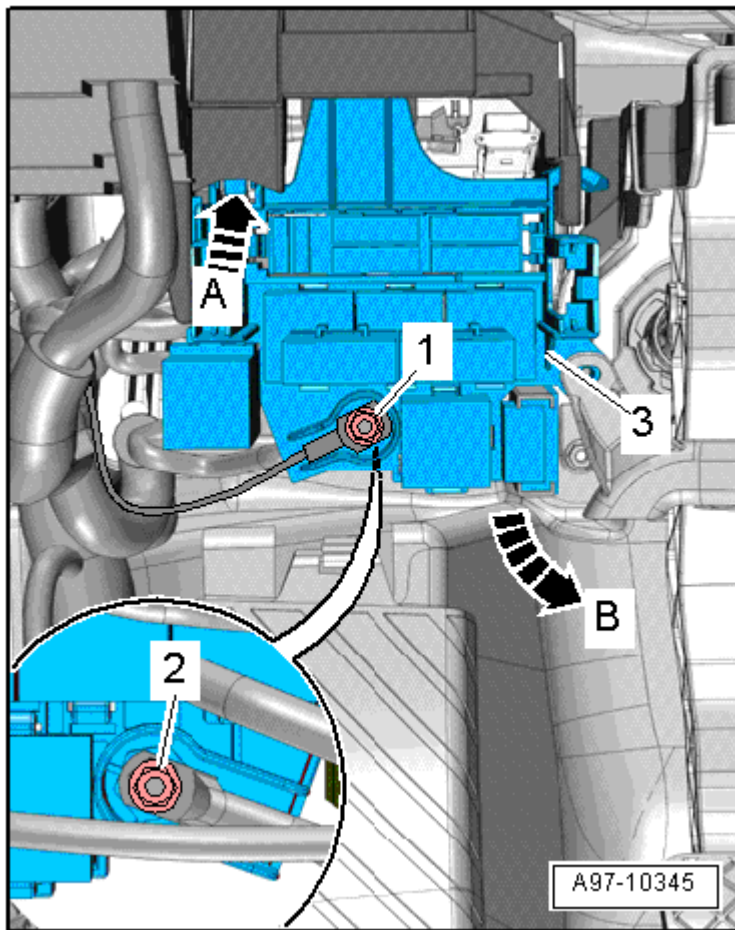


Fig. 72: Removing Relay/Fuse Panel

Courtesy of AUDI OF AMERICA, LLC

-- Release the retaining spring -arrow A- and tilt the relay/fuse panel -3- out of the mount -arrow B-.

NOTE: Ignore item -2-.

-- Release the retaining spring -arrow- and remove the vehicle electrical system control module -J519- -item 1- downward from the mount.

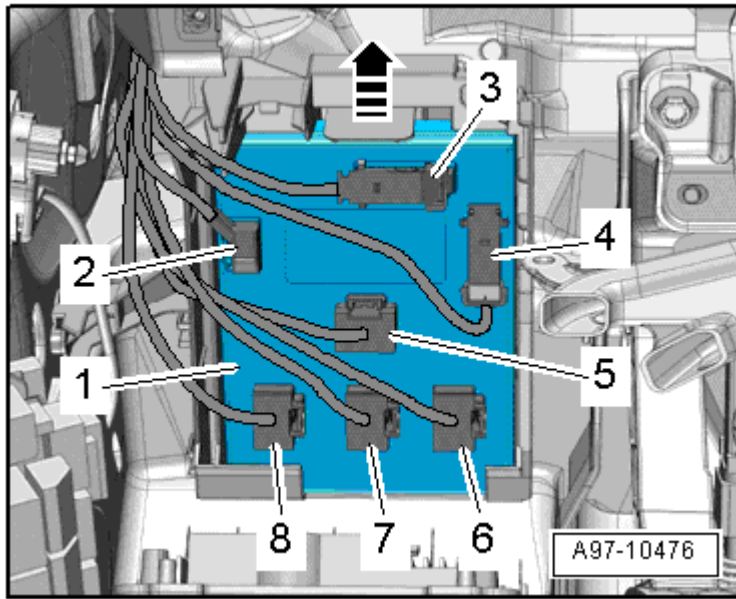


Fig. 73: Removing Electrical System Control Module
 Courtesy of AUDI OF AMERICA, LLC

-- Disconnect the electrical connectors -2, 5, 6, 7 and 8-.

-- Disconnect the electrical connectors -3 and 4-.

-- To disconnect the electrical connector, press the catch -1-, rotate the retaining bracket in the -direction of the arrow- and remove the connector.

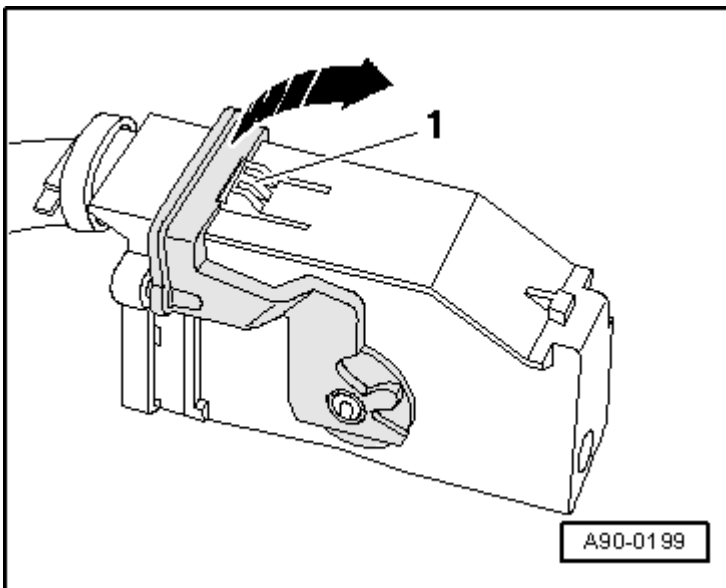


Fig. 74: Identifying Catch And Retainer
 Courtesy of AUDI OF AMERICA, LLC

Installing

Install in reverse order of removal, observing the following:

- Tightening specification, refer to **4 PIN RELAY/FUSE PANEL WITH THREADED CONNECTION NUT TIGHTENING SPECIFICATIONS**.

-- Install the driver side instrument panel cover. Refer to **Removal and Installation** .

RELAY CARRIER AND FUSE CARRIER, LUGGAGE COMPARTMENT

COMFORT SYSTEM CENTRAL CONTROL MODULE -J393-

-- If the control module was replaced, select the "Replace" function for the respective control module in "Guided Fault Finding" or "Guided Functions" using the Vehicle Diagnostic Tester.

Removing

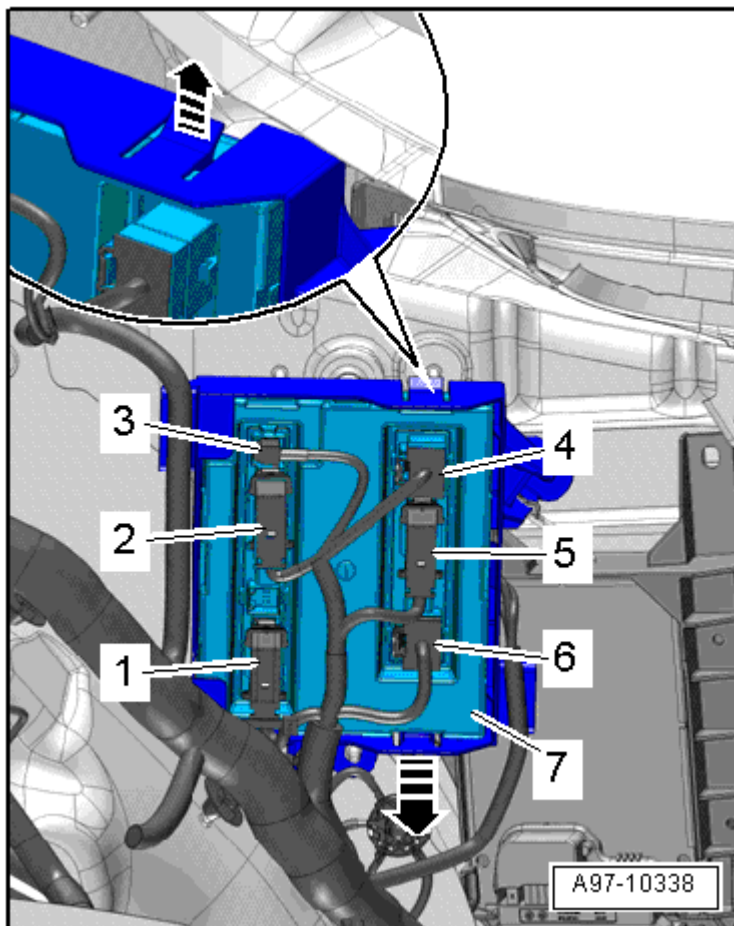


Fig. 75: Removing Comfort System Central Control Module
Courtesy of AUDI OF AMERICA, LLC

-- Open the luggage compartment right side trim.

- Release the retaining clips -arrows- and remove the comfort system central control module -J393- -item 7- from the retaining frame.
- Carefully disconnect the connector -4- and -6- and the antenna connector -3-.
- Disconnect the connectors -1, 2 and 5-.
- To disconnect electrical connector, press catch -1-, turn retaining bracket in -direction of arrow- and remove connector.

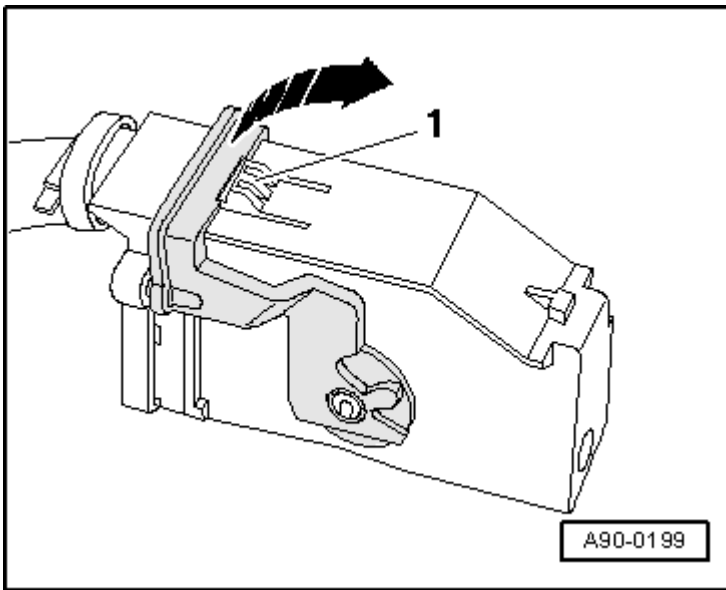


Fig. 76: Identifying Catch And Retainer
Courtesy of AUDI OF AMERICA, LLC

- Remove the comfort system central control module.

Installing

Install in reverse order.

FUSE PANEL F, RIGHT LUGGAGE COMPARTMENT

Removing

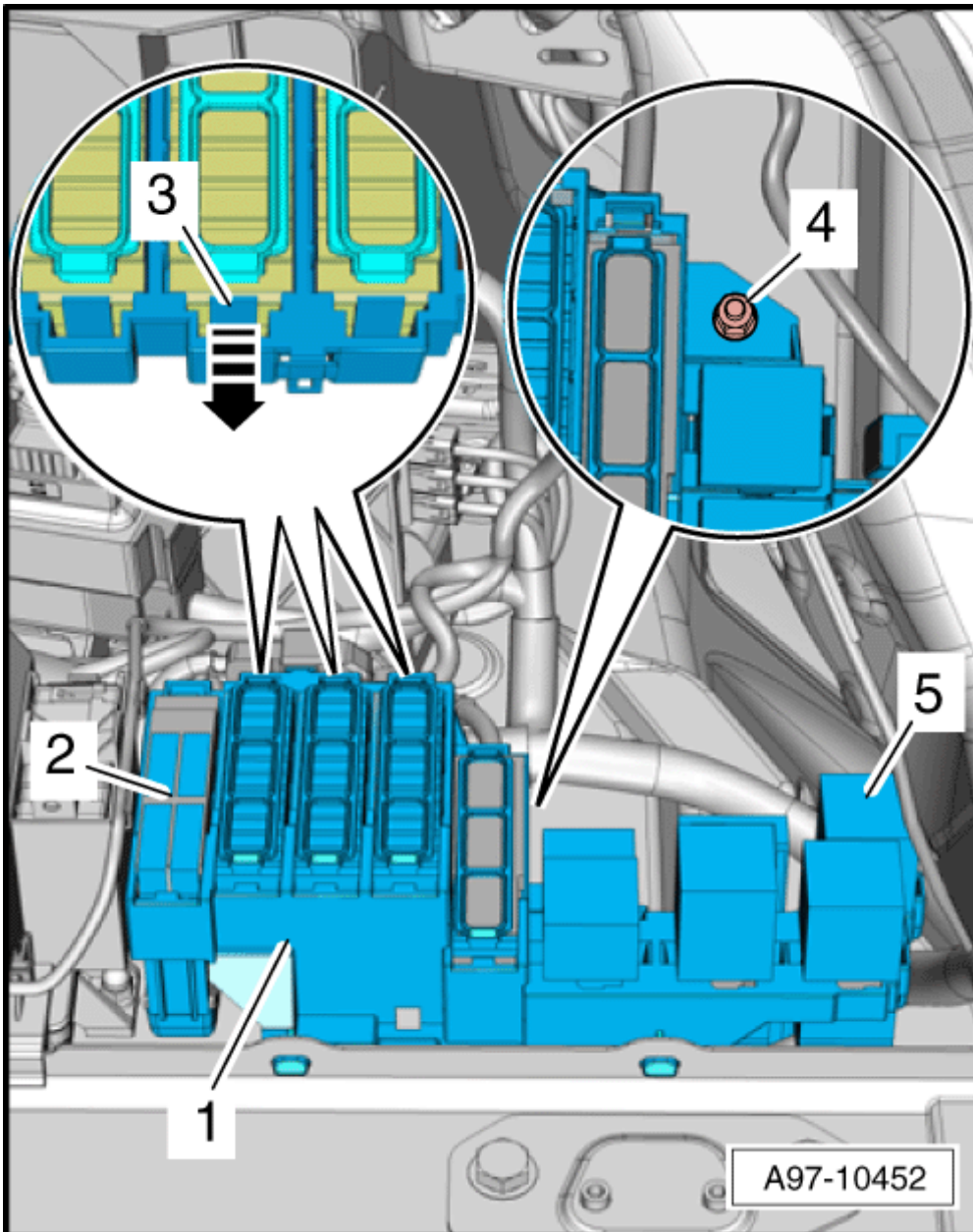


Fig. 77: Identifying Fuse Panel F Components

Courtesy of AUDI OF AMERICA, LLC

-- With the ignition turned off, disconnect the battery ground cable. Refer to **BATTERY, DISCONNECTING AND CONNECTING**.

-- Open the right luggage compartment side trim cover.

-- Release the retaining clips -3- in the -direction of the arrow- and press the fuse panel -2- back and out of the fuse panel F.

-- Remove the nut -4-.

- Remove the fuse panel F -1- from of the body.
- Unclip fuse panel on relay carrier.
- Remove the relay -5- and control modules.
- Release the retaining clips -arrows- and press the relay carrier -2- back and out of the bracket -1-.

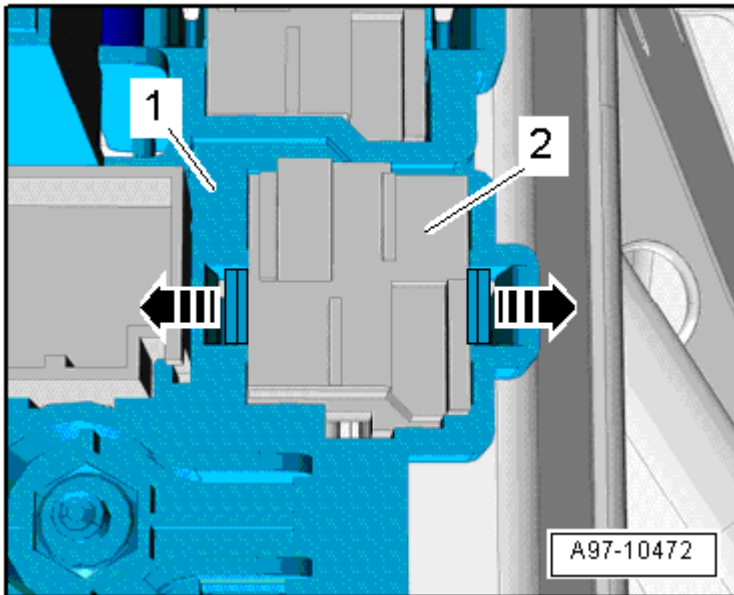


Fig. 78: Identifying Retaining Clips

Courtesy of AUDI OF AMERICA, LLC

- Open the cable ties and remove fuse panel F.

NOTE: For exact assignment of fuse panel F in right luggage compartment, refer to current wiring diagram. Refer to the appropriate **SYSTEM WIRING DIAGRAMS** information.

Installing

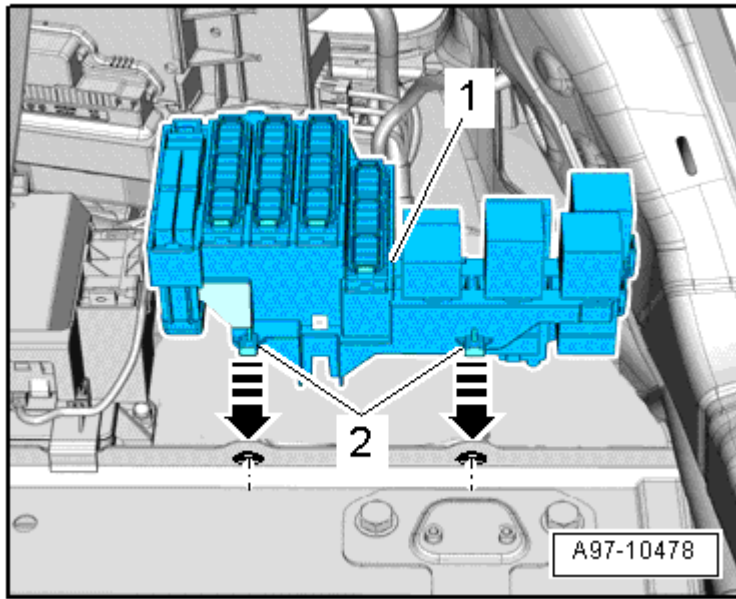


Fig. 79: Identifying Fuse Panel F, Right Luggage Compartment
Courtesy of AUDI OF AMERICA, LLC

- Tightening specification, refer to **FUSE PANEL F NUT TIGHTENING SPECIFICATIONS**.

Install in reverse order of removal, observing the following:

-- Install fuse panel F -1-. Make sure the guides -2- fit correctly into the mount -arrows-.

-- Connect the battery. Required actions, refer to **BATTERY, DISCONNECTING AND CONNECTING => Connecting** .

FUSE PANEL. RIGHT LUGGAGE COMPARTMENT

Removing

-- With the ignition turned off, disconnect the battery ground cable. Refer to **BATTERY, DISCONNECTING AND CONNECTING** .

-- Remove fuse panel F inside the luggage compartment on the right side. Refer to **FUSE PANEL F, RIGHT LUGGAGE COMPARTMENT**.

NOTE: **The relay and fuse panels remain clipped in.**

-- Unlock the release and remove from the fuse carrier, if equipped.

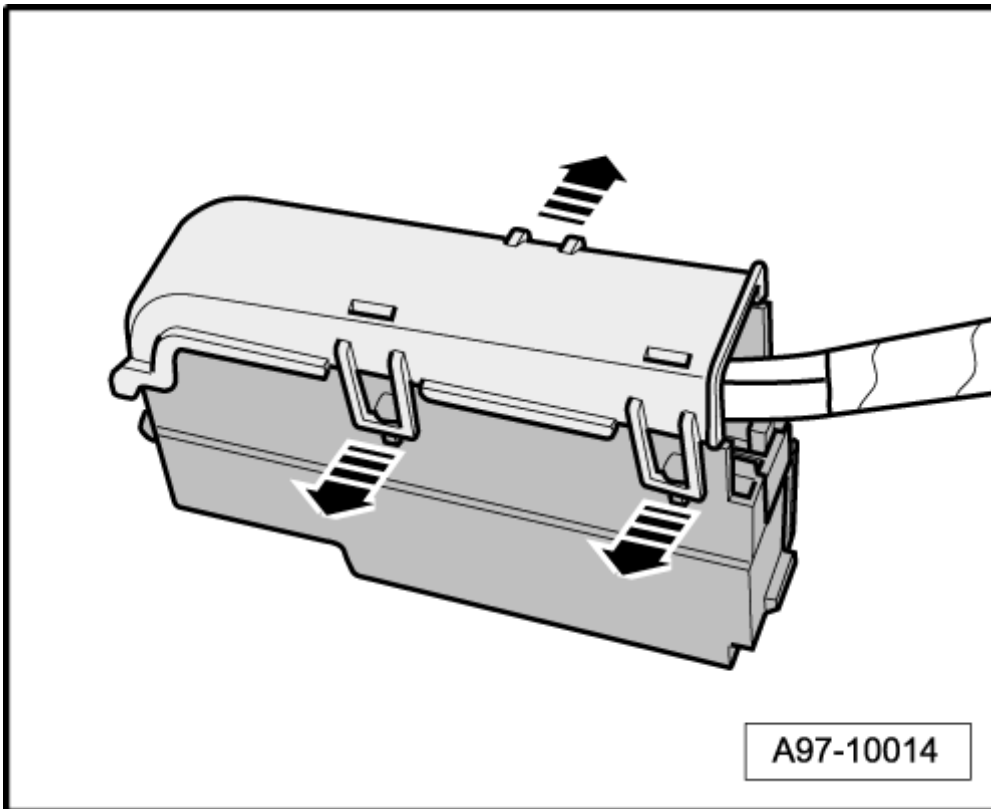


Fig. 80: Releasing Clips And Removing Cover From Fuse Holder
Courtesy of AUDI OF AMERICA, LLC

- Remove the fuses from the fuse panel.
- Release retaining clips -arrows- and remove the cover from the fuse panel.
- Pull off the retaining strip -1- for harness connectors -arrow- and remove harness connectors from connector socket.

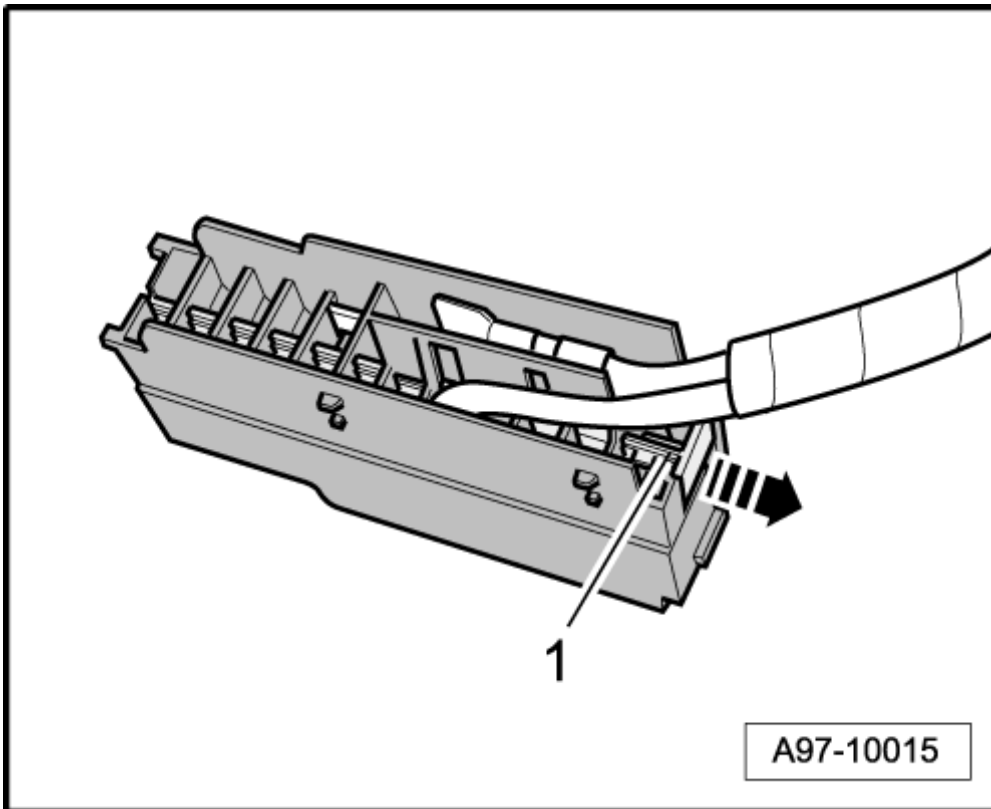


Fig. 81: Pulling Off Retaining Strip For Harness Connectors And Removing Harness Connectors From Connector Socket

Courtesy of AUDI OF AMERICA, LLC

NOTE: For the exact assignment of the fuse panel in the right of the luggage compartment, see the applicable wiring diagram. Refer to the appropriate **SYSTEM WIRING DIAGRAMS** information.

Installing

Install in reverse order of removal, observing the following:

- Install fuse panel F. Refer to **FUSE PANEL, RIGHT LUGGAGE COMPARTMENT**.
- Connect the battery. Required actions, refer to **BATTERY, DISCONNECTING AND CONNECTING**.

SPECIAL PURPOSE VEHICLE CONTROL MODULE

Removing

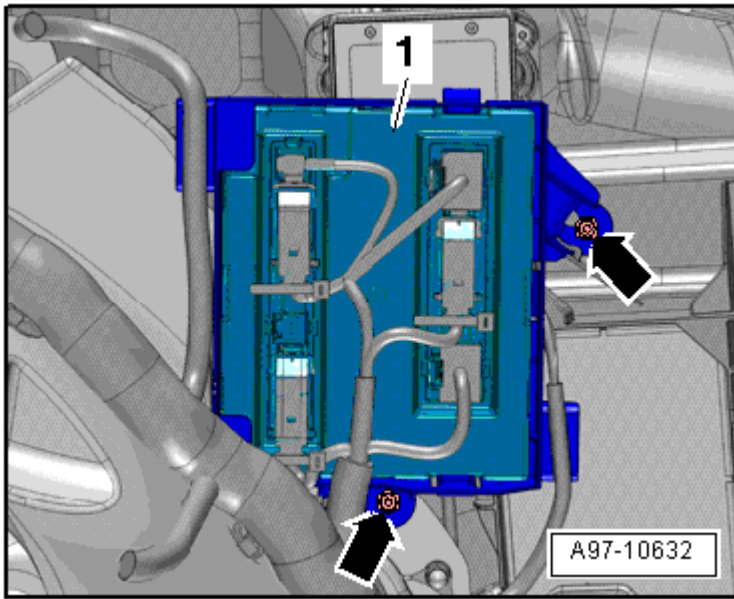


Fig. 82: Identifying Special Purpose Vehicle Control Module Components
Courtesy of AUDI OF AMERICA, LLC

- With the ignition turned off, disconnect the battery ground cable. Refer to **BATTERY, DISCONNECTING AND CONNECTING** .
- Open the right luggage compartment side trim cover.
- Remove the nuts -arrows- and lay aside the retaining frame -1- with the comfort system central control module -J393-.
- Release the retaining clips -arrows- and tilt the electronic damping control module -J250- -item 1- out of the retaining frame.

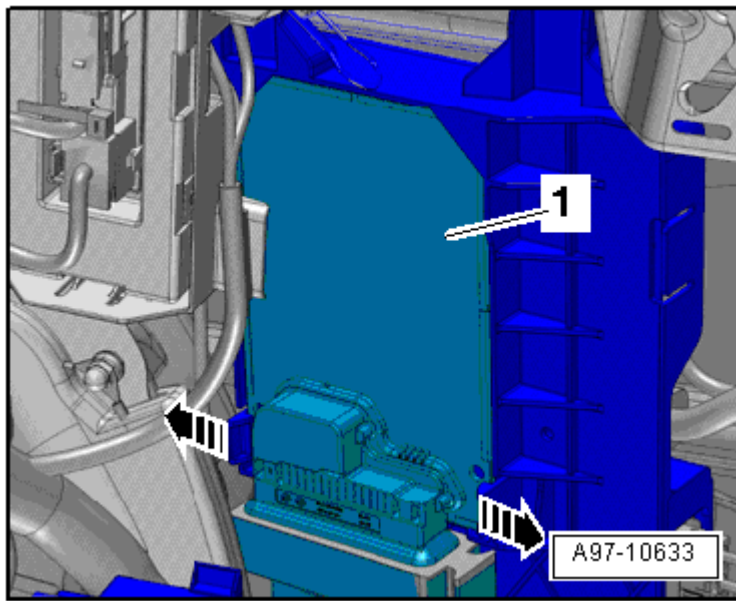


Fig. 83: Removing Electronic Damping Control Module
Courtesy of AUDI OF AMERICA, LLC

-- Remove the bolts -1 and 2- and the nut -4-.

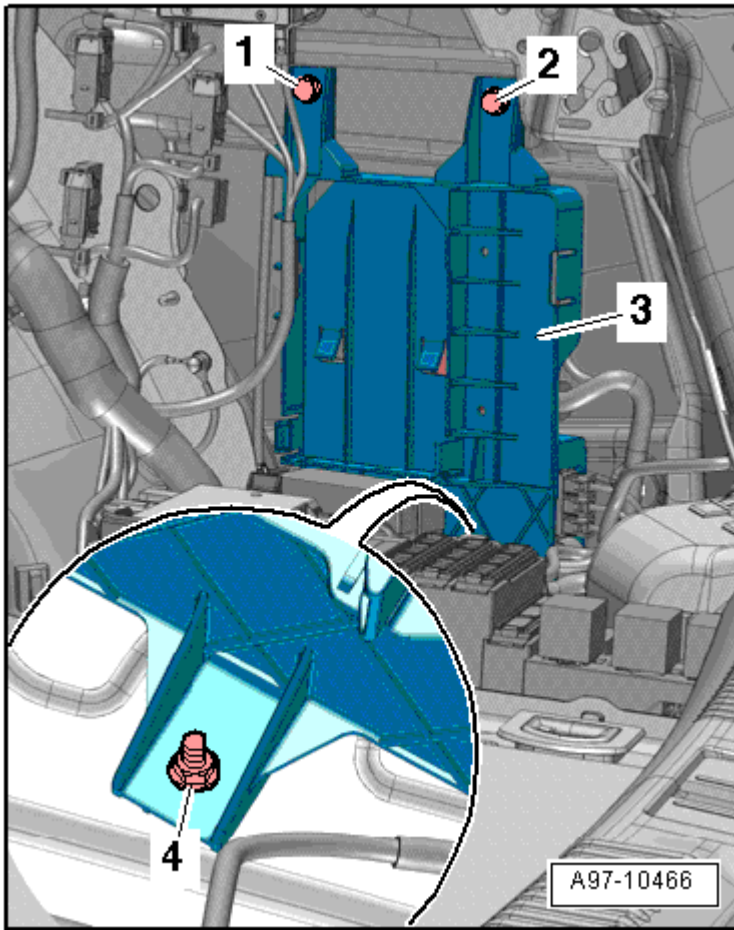


Fig. 84: Identifying Special Purpose Vehicle Control Module Retaining Frame Components
Courtesy of AUDI OF AMERICA, LLC

- Tilt the retaining frame -3- with control modules to the side.
- Disconnect the electrical connectors at the control modules in the retaining frame.
- Remove the retaining frame with control modules.
- Press the retaining clip -1- in the -direction of arrow A- and tilt the special purpose vehicle control module - J608- -item 2- in the -direction of the arrow B- out of the retaining frame -3-.

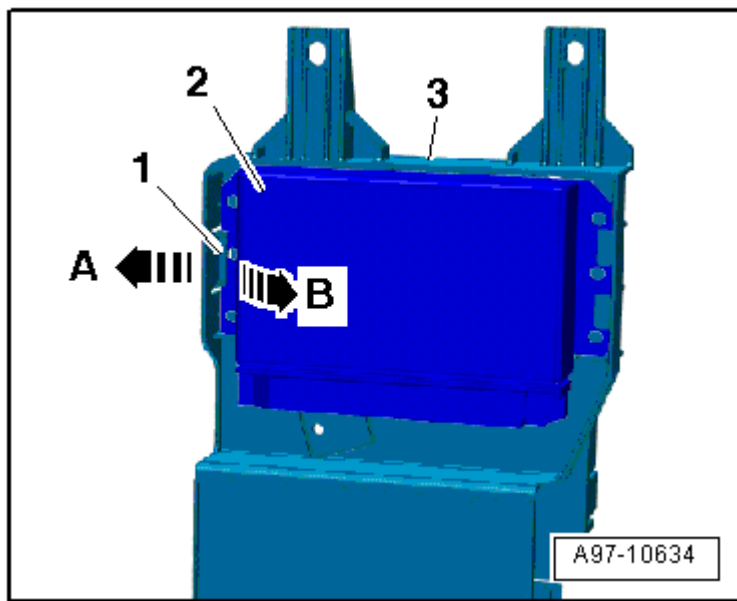


Fig. 85: Removing Special Purpose Vehicle Control Module
Courtesy of AUDI OF AMERICA, LLC

Installing

- Tightening specifications, refer to **SPECIAL PURPOSE VEHICLE CONTROL MODULE RETAINING FRAME BOLT/NUT TIGHTENING SPECIFICATIONS** and to **COMFORT SYSTEM CENTRAL CONTROL MODULE RETAINING FRAME NUT TIGHTENING SPECIFICATIONS**.

Install in reverse order of removal, observing the following:

-- Connect the battery. Required actions, refer to **BATTERY, DISCONNECTING AND CONNECTING => Connecting** .

SPECIAL TOOLS

Special tools and workshop equipment required

- Removal Wedge 3409

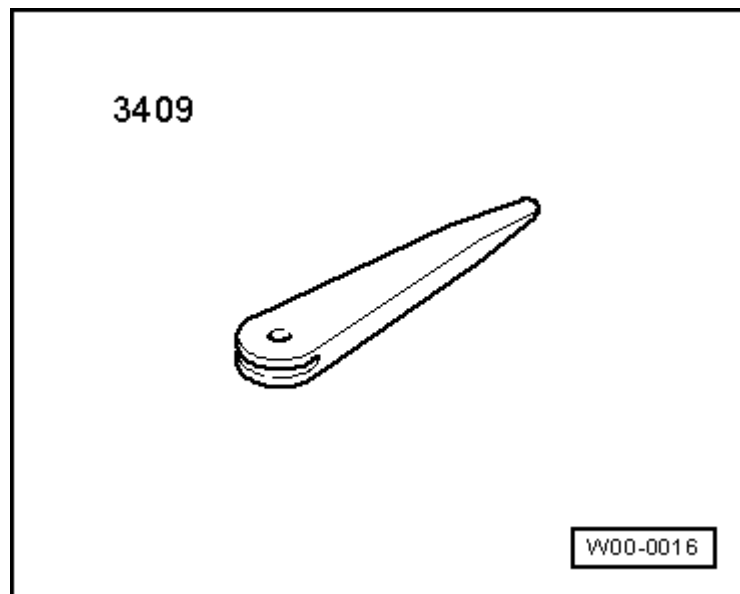


Fig. 86: 3409 Wedge

Courtesy of AUDI OF AMERICA, LLC