

ACCESSORIES & EQUIPMENT

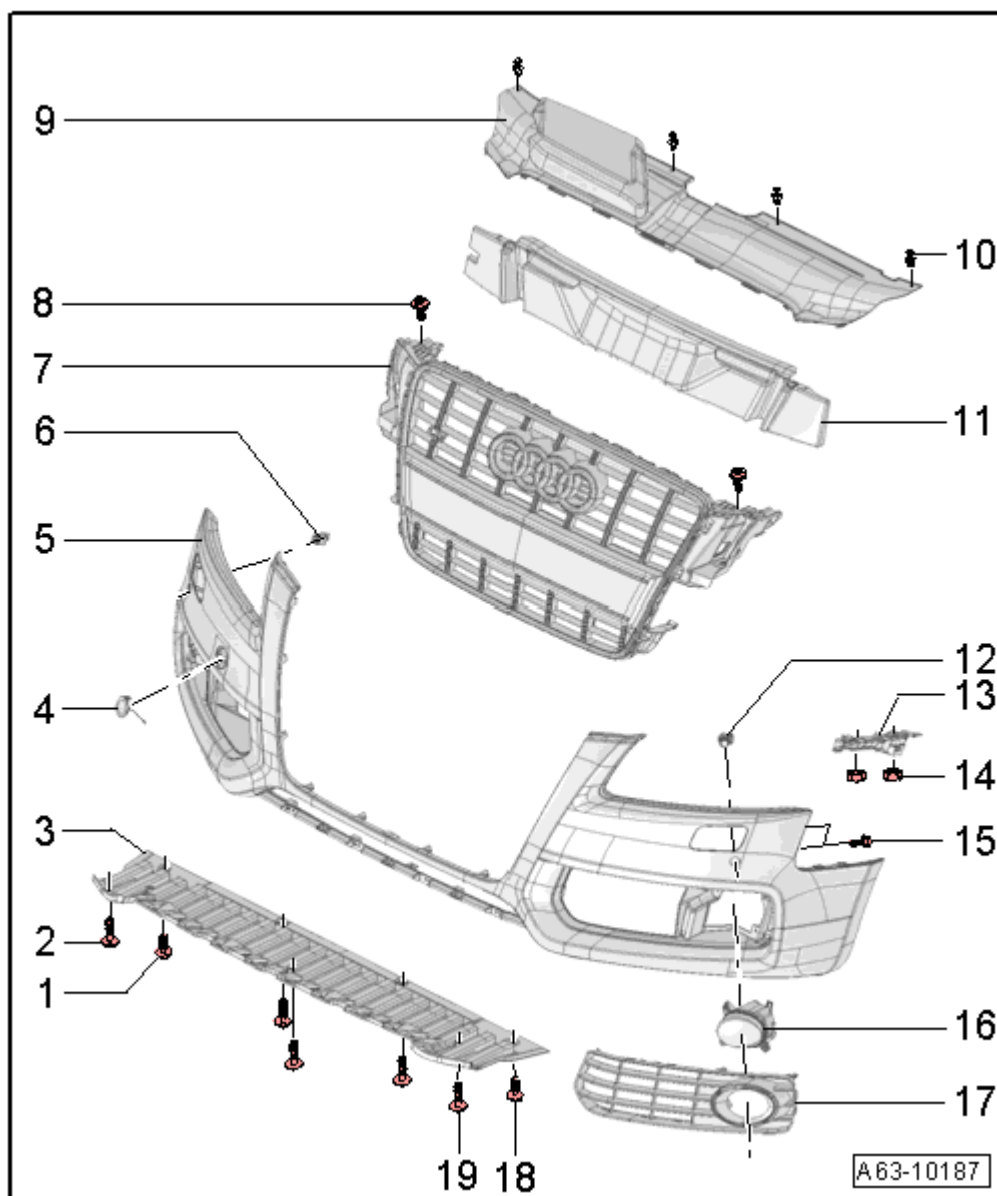
Bumpers (Sedan)

63 BUMPERS

DESCRIPTION AND OPERATION

FRONT BUMPER

BUMPER COVER OVERVIEW

**Fig. 1: Identifying Bumper Cover**

Courtesy of AUDI OF AMERICA, LLC

1. Bolt
 - 3 Nm
2. Bolt
 - 1.5 Nm
3. Bumper Cover End Plate
 - Removing and installing. Refer to **FRONT BUMPER COVER END PLATE**.
4. Cover
 - For the towing hook
5. Bumper Cover
 - Removing and installing. Refer to **FRONT BUMPER COVER**.
6. Right Front Parking Aid Sensor -G252-
 - Removing and installing. Refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation** .
7. Radiator Grille
 - Removing and installing, refer to **RADIATOR GRILLE** .
8. Bolt
 - Tightening specification. Refer to item 7 **RADIATOR GRILLE OVERVIEW** .
9. Lock Carrier Cover
 - Removing and installing, refer to **LOCK CARRIER COVER**.
10. Expanding Rivet
 - Remove the clamping pin when removing.
 - Only press the clamping pin in when installing.
11. Shock Absorber
 - Removing and installing, refer to **IMPACT ABSORBER**.
12. Left Front Parking Aid Sensor -G255-
 - Removing and installing, refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation** .
13. Front Bumper Cover Mount
 - Removing and installing, refer to **FRONT BUMPER COVER MOUNT**.
14. Bolt
 - 4 Nm
15. Nut
 - 4 Nm
16. Fog Lamps
 - Removing and installing, refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation** .
17. Air Intake Grille
 - Removing and installing, refer to **AIR INTAKE GRILLE**.

18. Bolt

- 3 Nm

19. Bolt

- 1.5 Nm

BUMPER COVER OVERVIEW, ALLROAD

NOTE: Only the differences from the standard bumper are described

Removing and installing the bumper cover is same as on standard bumpers.

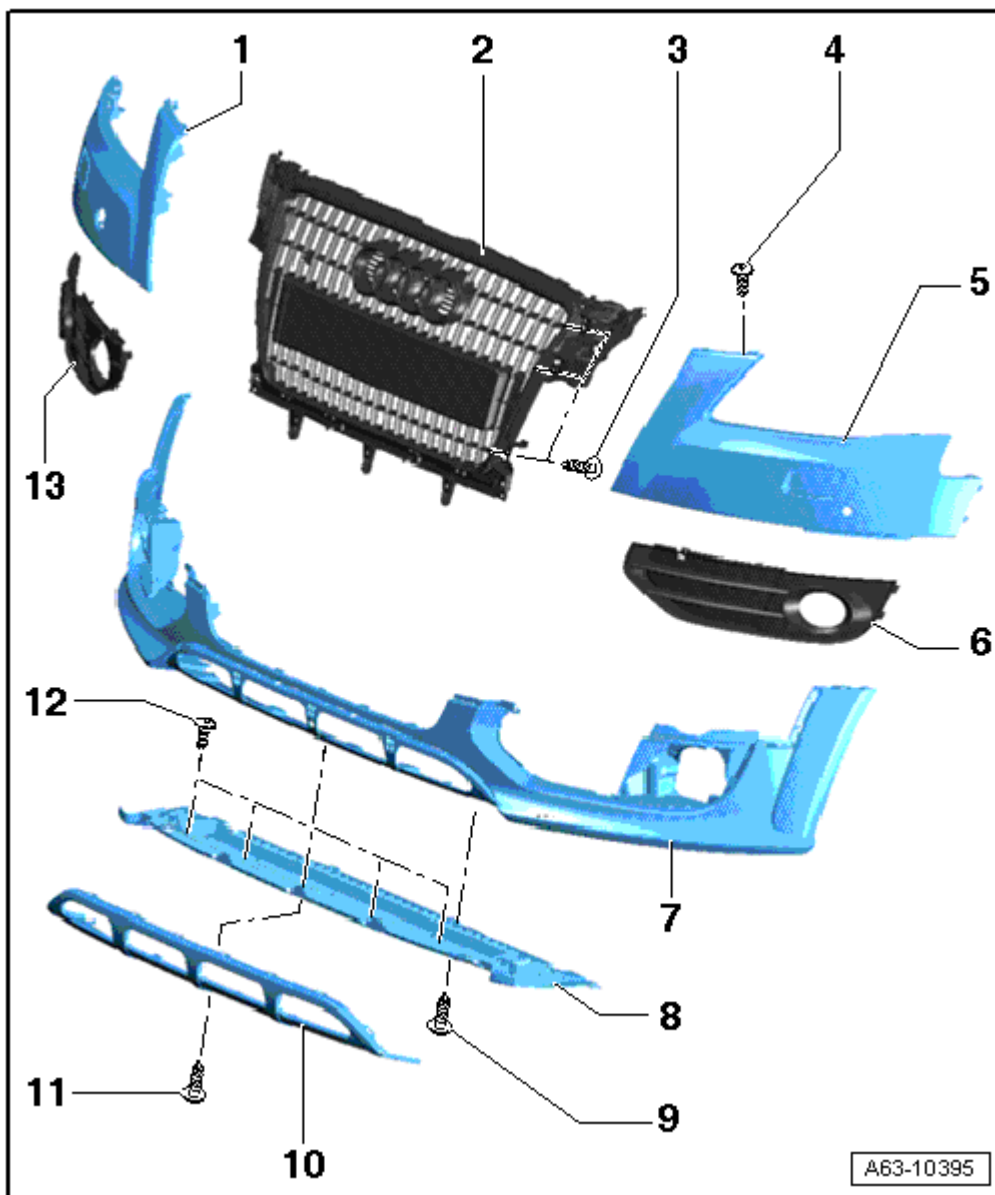


Fig. 2: Identifying Bumper Cover Allroad

Courtesy of AUDI OF AMERICA, LLC

1. Right Bumper Cover
 - Removal, refer to **REMOVING THE LEFT AND RIGHT BUMPER COVERS.**
2. Radiator Grille
 - Removing and installing, refer to **RADIATOR GRILLE** .
 - Loosen the threaded connectors. Refer to **REMOVING THE RADIATOR GRILLE.**
3. Bolt
 - 1.5 Nm
4. Bolt
 - 4 Nm
5. Left Bumper Cover
 - Removal, refer to **REMOVING THE LEFT AND RIGHT BUMPER COVERS.**
6. Left Air Intake Grille
 - Removing, refer to **REMOVING THE LEFT AND RIGHT AIR INTAKE GRILLE.**
7. Front Spoiler
 - First remove the left and right expanding clips before removing the front spoiler. This differs from the standard bumper **FRONT SPOILER EXPANDING CLIP.**
8. End Plate
 - Remove the bumper cover. Refer to **FRONT BUMPER COVER.**

-- Remove the screws -12- and then remove the end panel from the impact guard.
9. Bolt
 - 1.5 Nm
10. Underbody Impact Guard
 - Bumper cover removed.
 - Remove the screws -12- and the screw -11- and remove the impact guard forward from the front spoiler and the end panel.
11. Bolt
 - 1.5 Nm
12. Bolt
 - 1.5 Nm
13. Right Air Intake Grille
 - Removing, refer to **REMOVING THE LEFT AND RIGHT AIR INTAKE GRILLE.**

FRONT SPOILER EXPANDING CLIP

-- Press the left and right clamping pin -3- upward through the expanding clip on the front spoiler -2-.

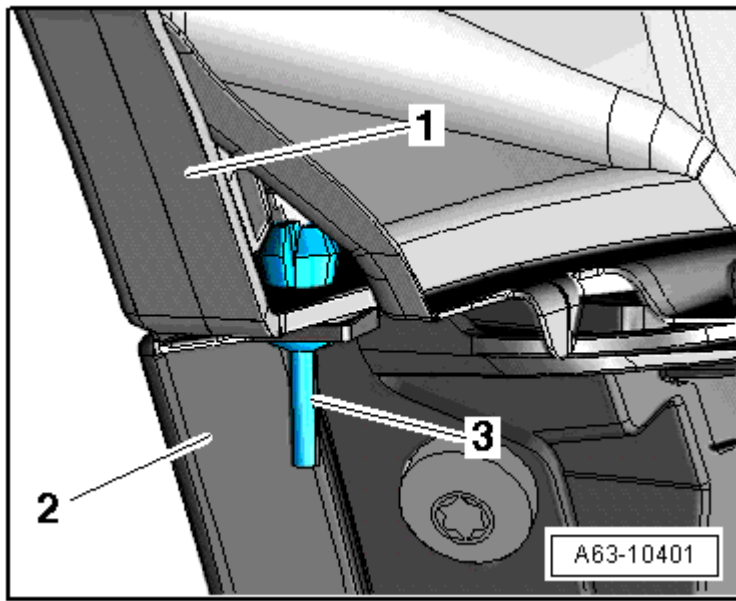


Fig. 3: Identifying Expanding Clip From Spoiler
Courtesy of AUDI OF AMERICA, LLC

- Remove the expanding clip from the front spoiler -2- and then remove the bumper cover -1-.
- Secure the expanding clip with the clamping pin.

REMOVING THE LEFT AND RIGHT AIR INTAKE GRILLE

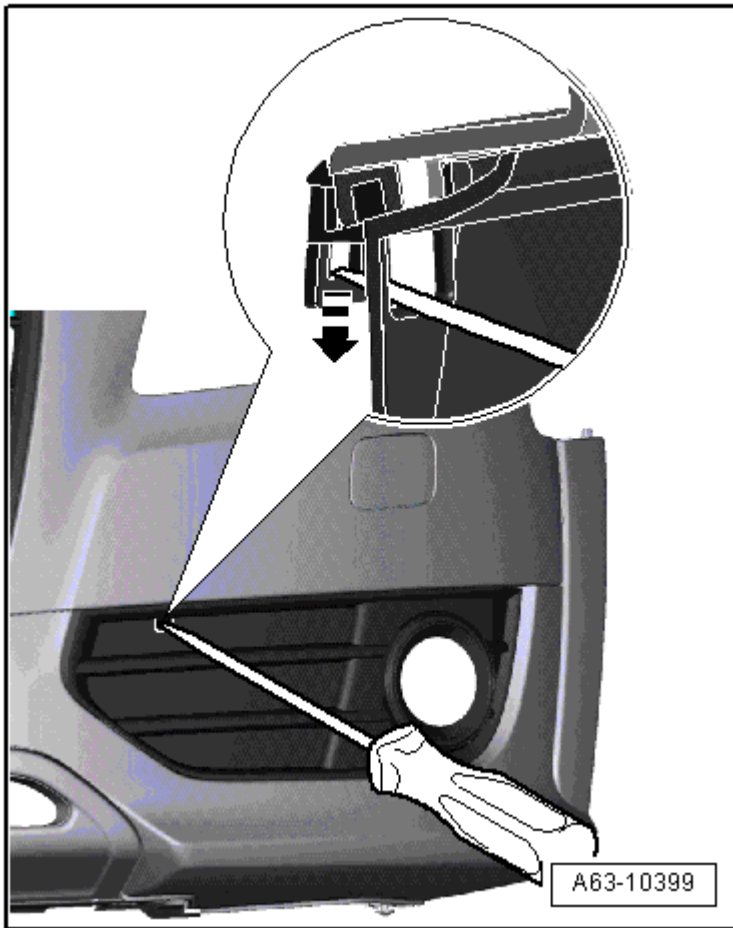


Fig. 4: Inserting Small Screwdriver Into Opening On Air Intake Grille
Courtesy of AUDI OF AMERICA, LLC

- Insert a small screwdriver into the opening on the air intake grille as illustrated.
- Release the catches on the air intake grille and pull it forward.

REMOVING THE LEFT AND RIGHT BUMPER COVERS

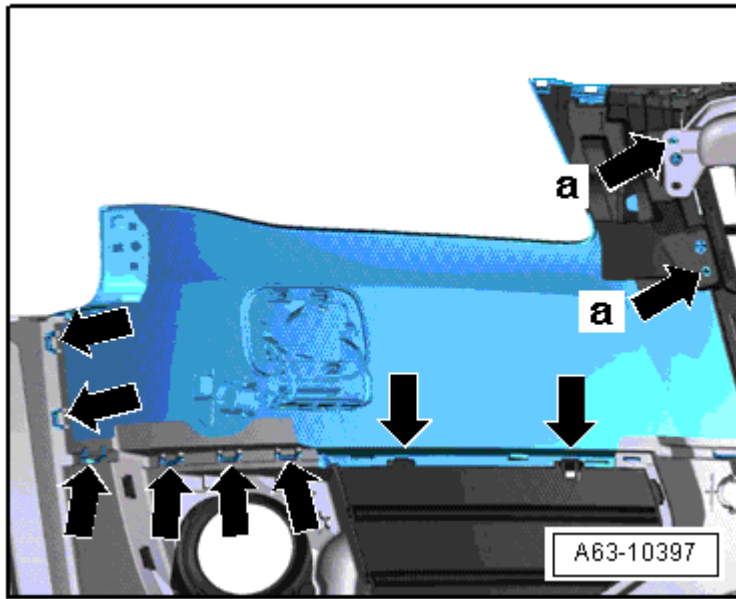


Fig. 5: Identifying Bumper Cover

Courtesy of AUDI OF AMERICA, LLC

-- Bumper cover removed.

-- Remove the screws -arrow -a-.

-- Release the catches from the outside toward the inside and remove the spoiler or the radiator grille.

REMOVING THE RADIATOR GRILLE

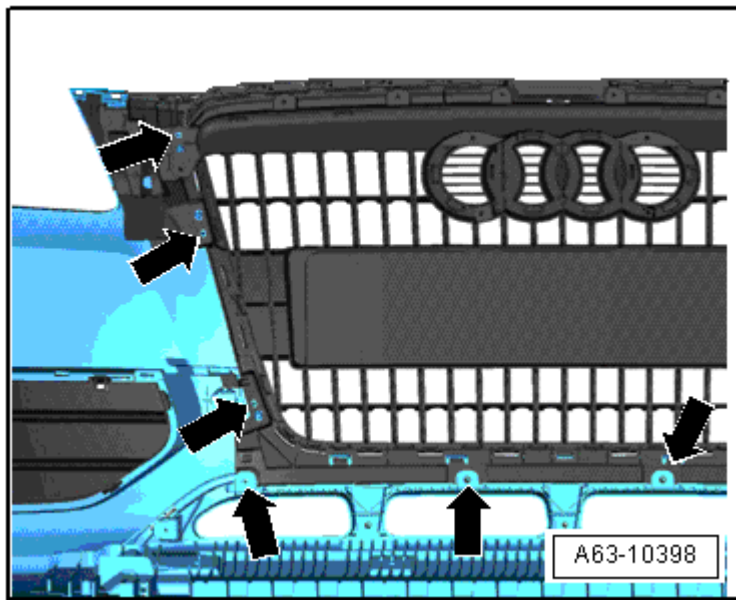


Fig. 6: Identifying Radiator Grille

Courtesy of AUDI OF AMERICA, LLC

-- Bumper removed.

-- Remove the screws -arrows- on the radiator grille and pull the grille out of the spoiler and the side panels.

FRONT BUMPER COVER, ADJUSTING

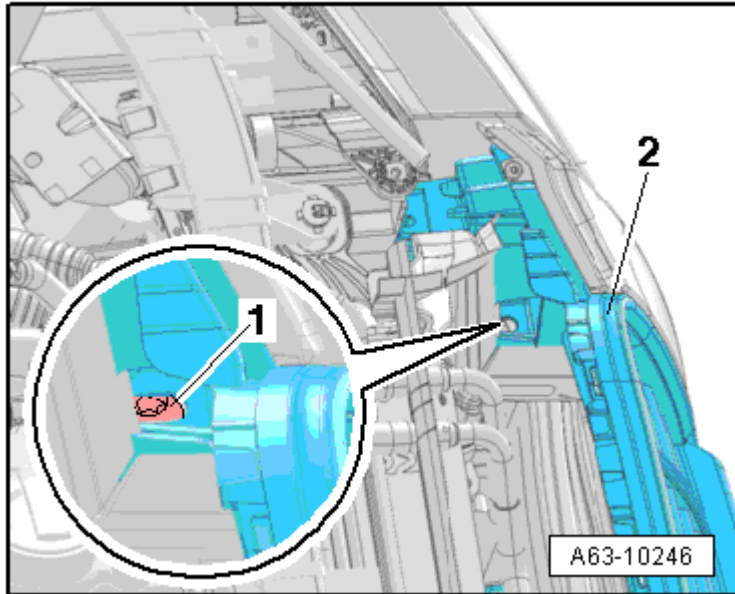


Fig. 7: Front Bumper Cover, Adjusting
Courtesy of AUDI OF AMERICA, LLC

-- Removing the lock carrier cover, refer to **LOCK CARRIER COVER**.

-- If the gap dimension is not even, position the wrench on the adjusting bolt -1- and adjust the gap dimension for the front bumper cover -2-.

-- Check the gap dimension again and repeat the adjustment if necessary.

IMPACT BAR OVERVIEW

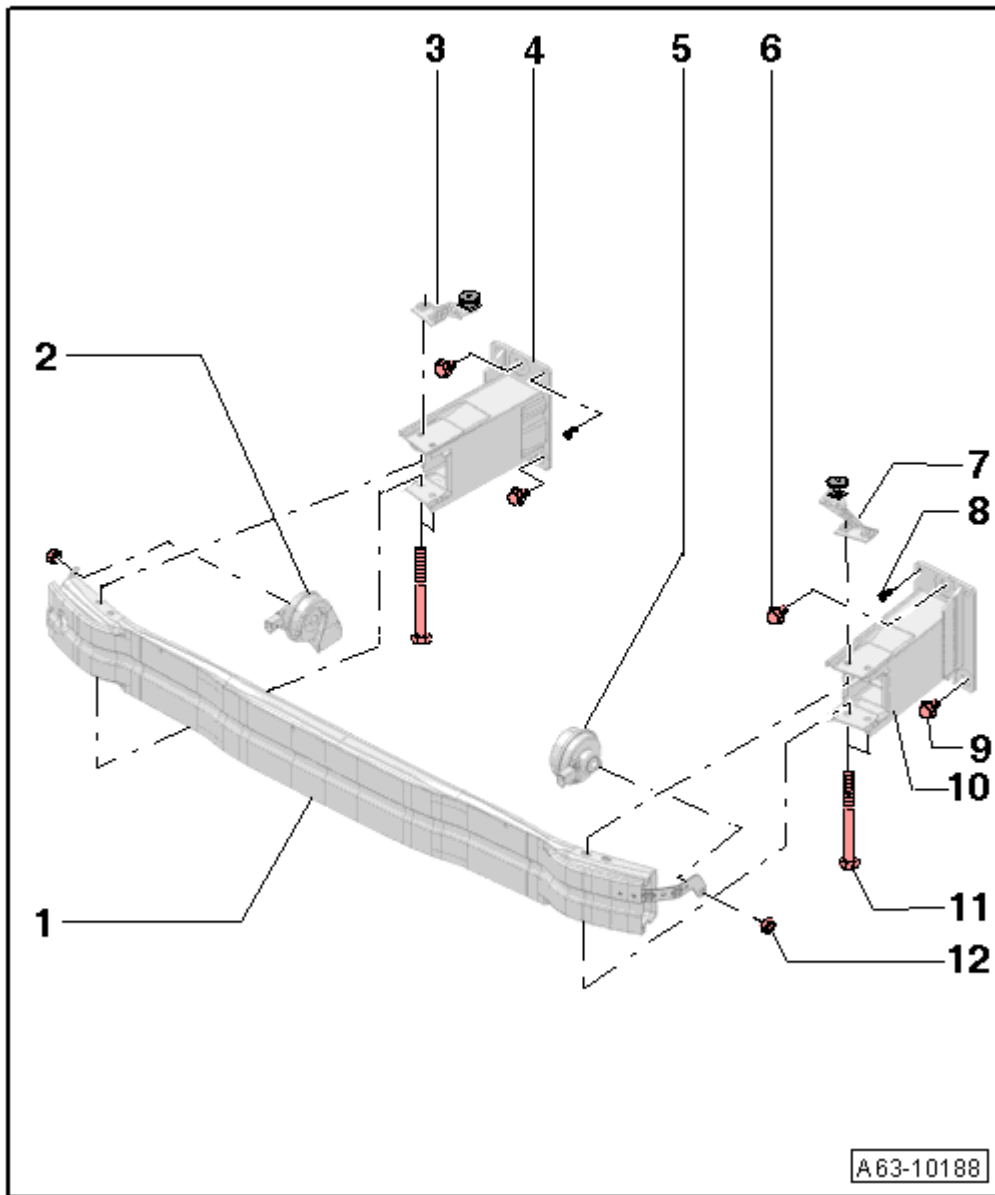


Fig. 8: Identifying Impact Bar

Courtesy of AUDI OF AMERICA, LLC

1. Side Impact Bar
 - Removing and installing, refer to **IMPACT MEMBER**.
2. Low Tone Horn -H7-
 - Removing and installing, refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation** .
3. Right Spacer
 - For the bumper cover.
4. Right Impact Bar Bracket
 - Removing and installing, refer to **RIGHT IMPACT BAR BRACKET**.

5. High Tone Horn -H2-
 - Removing and installing, refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation** .
6. Bolt
 - 30 Nm
7. Left Spacer
 - For the bumper cover.
8. Bolt
 - 4 Nm
 - Secures the lock carrier.
9. Bolt
 - 30 Nm
10. Left Impact Bar Bracket
 - Removing and installing, refer to **LEFT IMPACT BAR BRACKET**.
11. Bolt
 - 20 Nm
12. Nut
 - Tightening specification, refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation** .

REAR BUMPER**REAR BUMPER COVER OVERVIEW**

CAUTION: Note the following for vehicles with lane change assist:

If rear bumper is removed and re-installed or changes are made to bumper, a lane change assist calibration is necessary. Refer to [For engine (s) CAEB, CALA, CCBA] Removal and Installation .

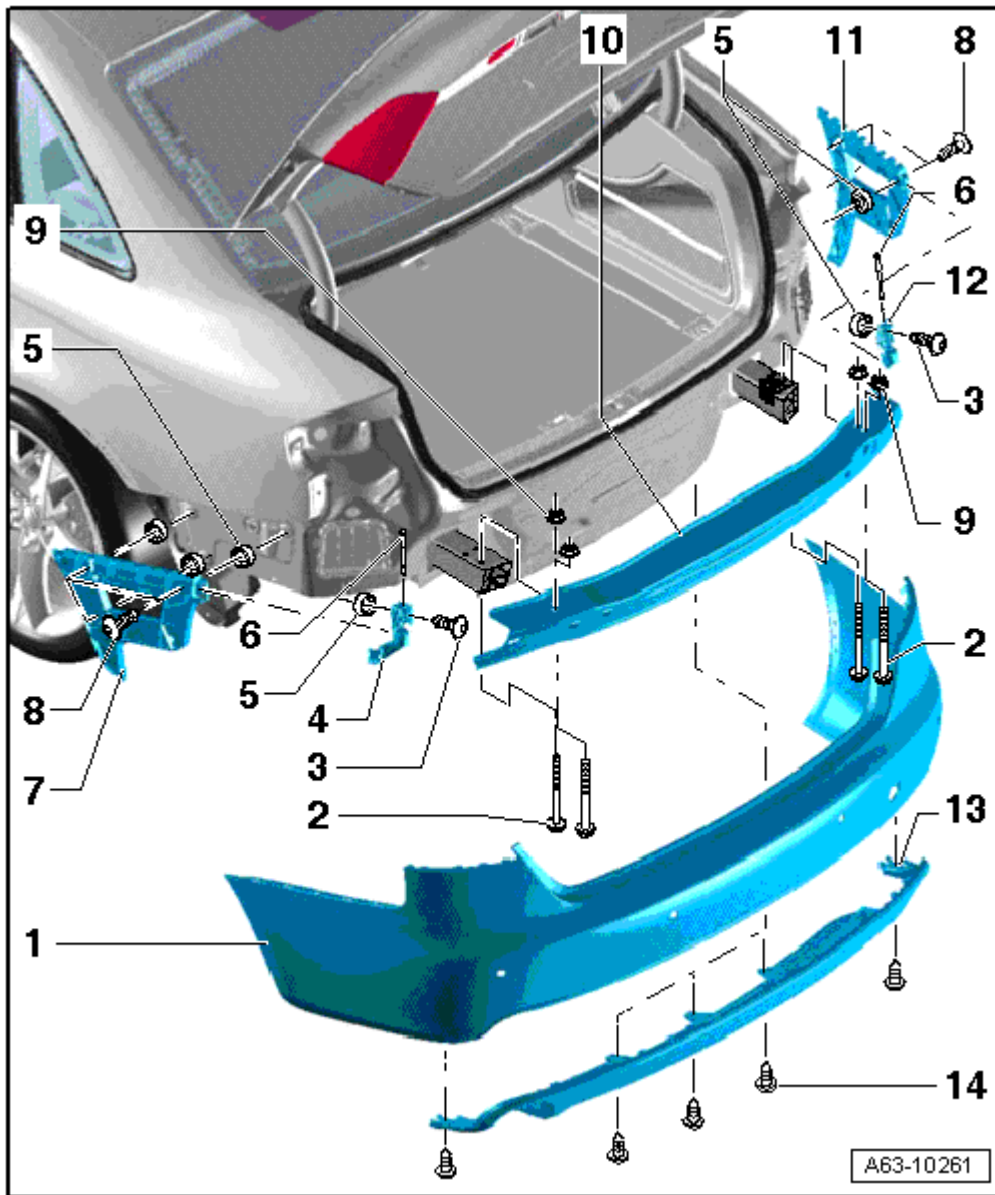


Fig. 9: Identifying Rear Bumper Cover

Courtesy of AUDI OF AMERICA, LLC

1. Rear Bumper Cover
 - Removing and installing, refer to **REAR BUMPER COVER**.
2. Bolt
 - 17 Nm
3. Bolt
 - 1.5 Nm
4. Upper Guide Piece
 - Insert into the guide piece and lock.
 - Removing and installing, refer to **UPPER GUIDE PIECE**.

5. Clip
 - Remove the bumper cover upward **Fig. 32**
6. Bolts
 - Remove the bumper cover upward **Fig. 32**
7. Left Guide Piece
 - Removing and installing, refer to **GUIDE PIECE**.
8. Bolt
 - 1.5 Nm
 - Tightening sequence, refer to **Fig. 10**
9. Nut
 - 17 Nm
10. Bumper Carrier
11. Right Guide Piece
12. Upper Guide Piece
 - Insert into the guide piece and lock.
13. Spoiler
 - Removing and installing, refer to **SPOILER**.
14. Bolt
 - 1.5 Nm

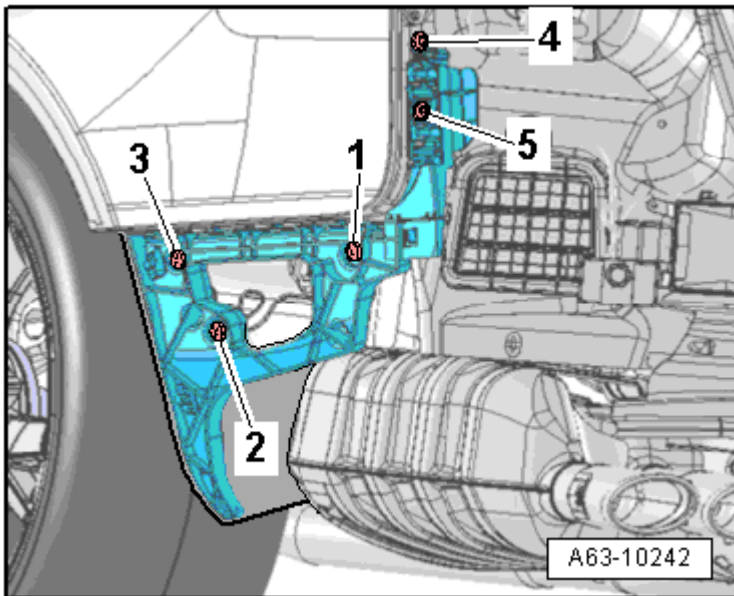


Fig. 10: Identifying Guide Piece - Tightening Sequence
Courtesy of AUDI OF AMERICA, LLC

-- Tighten the bolts in a -1 to 5- sequence to 1.5 Nm.

REAR BUMPER COVER OVERVIEW, ALLROAD

NOTE: Only the differences from the standard bumper are described

Removing and installing the bumper cover is same as on standard bumpers.

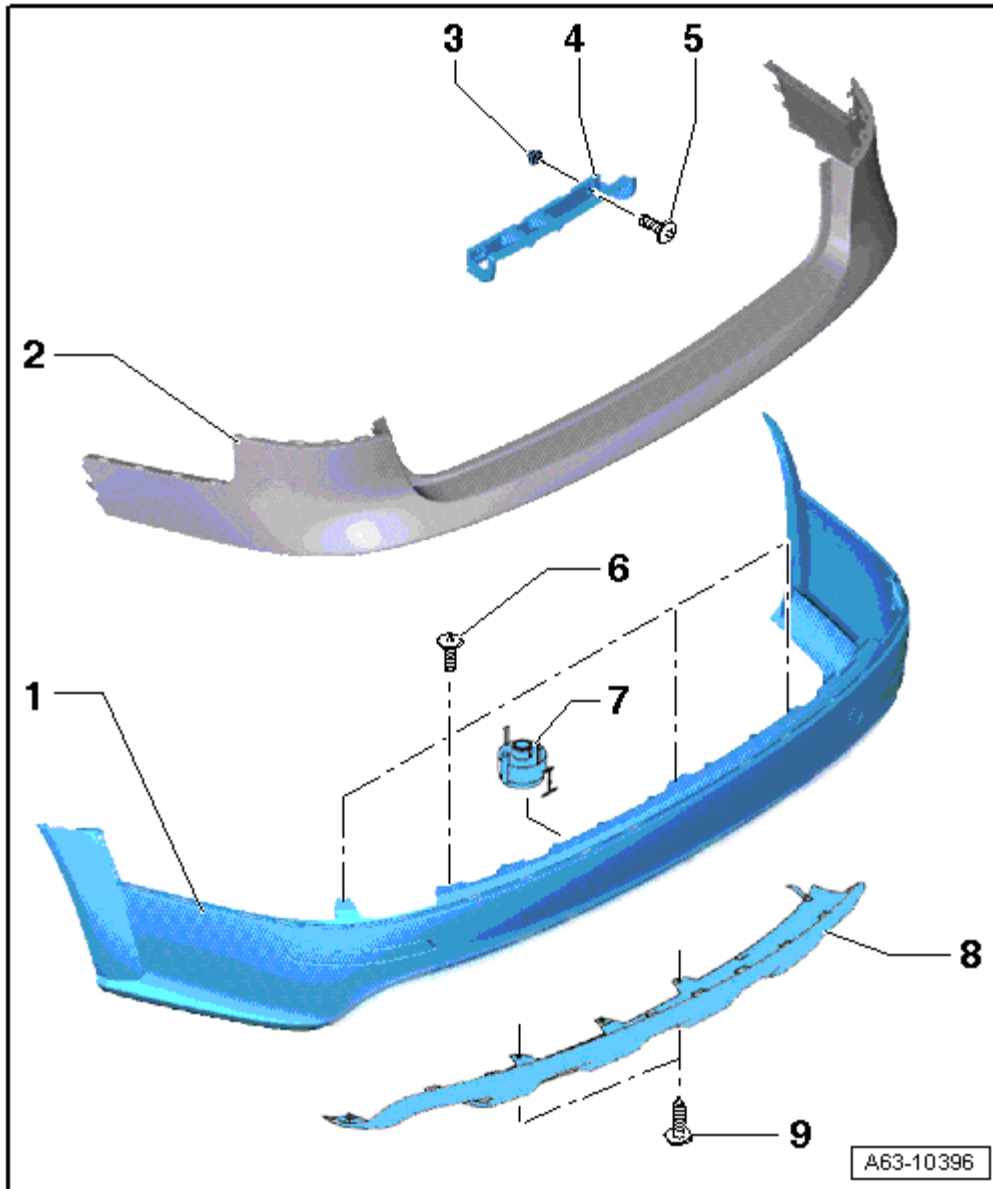


Fig. 11: Identifying Rear Bumper Cover Allroad

Courtesy of AUDI OF AMERICA, LLC

1. Spoiler

- First remove the left and right expanding clips before removing the spoiler. This differs from the standard bumper, refer to **Removing the expanding clips**.
- Bumper cover removed.

-- Release the hooks all the way around in steps and remove the cover toward the rear.

-- Make sure the hooks engage completely into the cover when installing.

2. Bumper Cover

When installing the old bumper cover, the old support -7- remains installed.

-- A new support must be installed when replacing the bumper cover **Fig. 15**

- Removal is the same as for the spoiler.

3. Clip

4. Securing Strip

5. Bolt

- 2.5 Nm

6. Bolt

- 1.5 Nm

7. Support Piece

NOTE: **Support piece must be installed only with a new bumper cover.**

- Release, refer to **Fig. 15**

8. Underbody Impact Guard

- Bumper cover removed.
- Remove the screws -6- and -9- and remove the impact guard toward the rear.

9. Bolt

- 1.5 Nm

REMOVING THE EXPANDING CLIPS

-- Press the left and right clamping pin -3- upward through the expanding clip on the spoiler -2-.

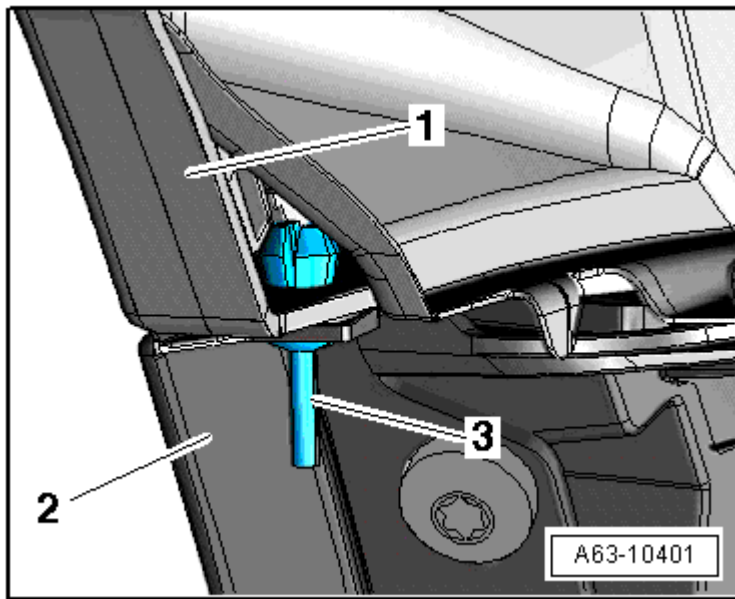


Fig. 12: Identifying Expanding Clip From Spoiler
 Courtesy of AUDI OF AMERICA, LLC

-- Remove the expanding clip from the spoiler -2- and then remove the bumper cover -1-.

-- Secure the expanding clip with the clamping pin.

Removing Hooks

-- Release the hooks, including the ones under the end panel -2- to remove the cover -1- or the spoiler -5-.

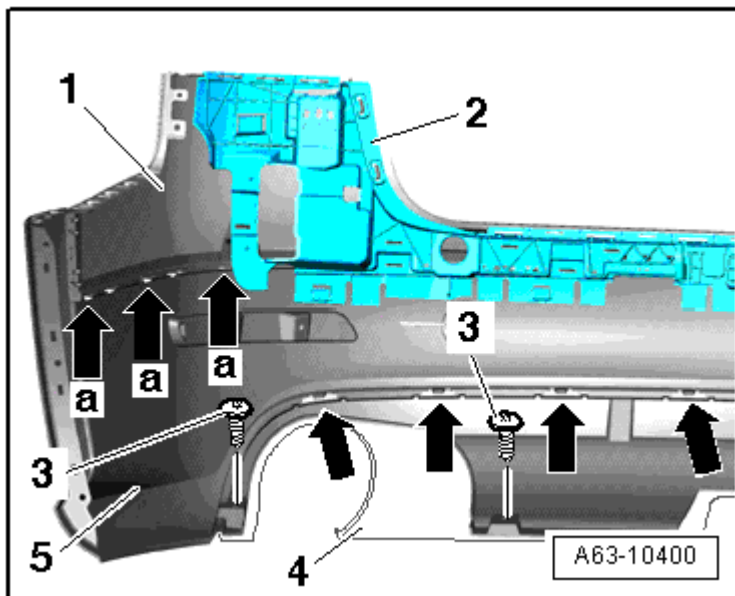


Fig. 13: Releasing Hooks Including Under End Panel
 Courtesy of AUDI OF AMERICA, LLC

-- Remove the screws -3-, release the hooks -arrows- and remove the impact guard -2- from the spoiler.

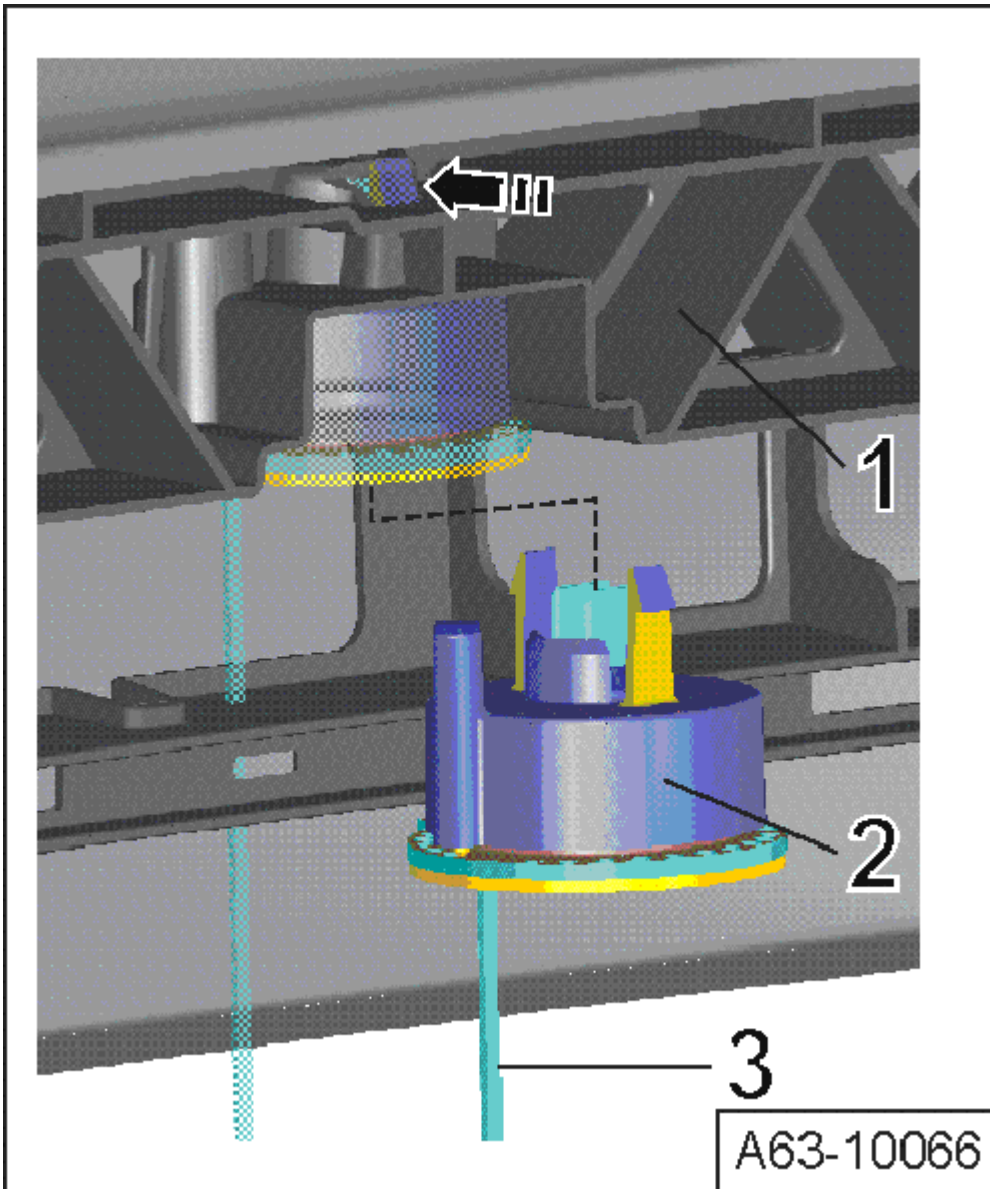


Fig. 14: Identifying Support Piece

Courtesy of AUDI OF AMERICA, LLC

NOTE: Support piece must be installed only with a new bumper cover.

-- To remove, press catch -arrow- to the side and pull support piece downward out of cover -1-.

-- Insert support piece -2- into cover as shown and let engage inside.

-- Disengaging cord must be removed only when the cover is installed completely.

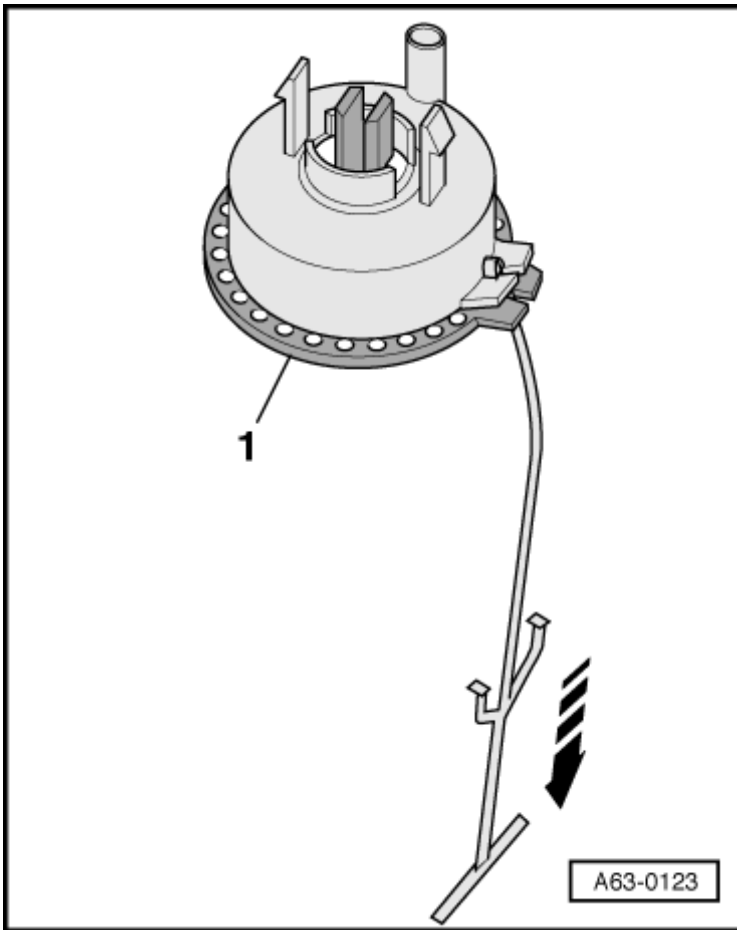


Fig. 15: Disengaging Support Piece

Courtesy of AUDI OF AMERICA, LLC

WARNING: Never disengage support piece in the removed condition - danger of injury.

When re-installing the old bumper cover, the old support piece remains installed.

- When replacing the bumper cover, a new support piece must be clipped into the bumper cover from below.
- After completely installing bumper cover, disengage support piece by pulling on disengaging cord -arrow-.

NOTE: By pulling disengaging cord, tension is released from support piece and reinforces the bumper cover against the crossmember.

IMPACT BAR OVERVIEW

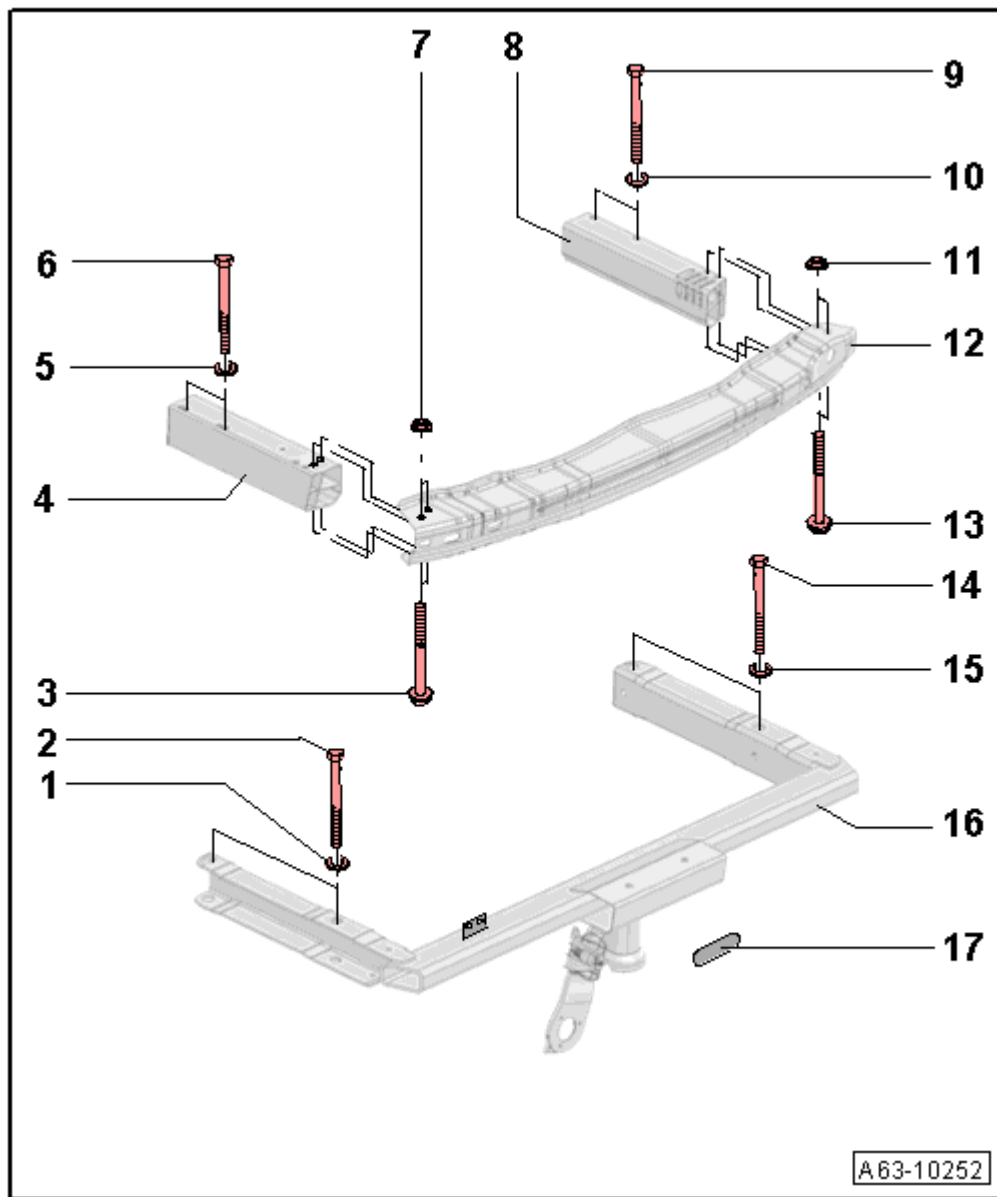


Fig. 16: Identifying Impact Bar

Courtesy of AUDI OF AMERICA, LLC

1. Washer
2. Bolt
 - 57 Nm
3. Bolt
4. Left Impact Member Mount
 - For vehicles without a trailer hitch.
 - Removing and installing, refer to **IMPACT MEMBER MOUNT WITHOUT TRAILER HITCH.**
5. Washer

6. Bolt
 - 57 Nm
7. Nut
 - 17 Nm
8. Right Impact Bar Mount
 - For vehicles without a trailer hitch.
 - Removing and installing, refer to **IMPACT MEMBER MOUNT WITHOUT TRAILER HITCH.**
9. Bolt
 - 57 Nm
10. Washer
11. Nut
 - 17 Nm
12. Side Impact Bar
 - For vehicles without a trailer hitch.
 - Removing and installing, refer to **IMPACT MEMBER WITHOUT TRAILER HITCH.**
13. Bolt
14. Bolt
 - 57 Nm
15. Washer
16. Side Impact Bar
 - For vehicles with a trailer hitch.
 - Removing and installing, refer to **IMPACT MEMBER WITH TRAILER HITCH.**
17. Type Plate

REMOVAL AND INSTALLATION**FRONT BUMPER****AIR INTAKE GRILLE****Removing**

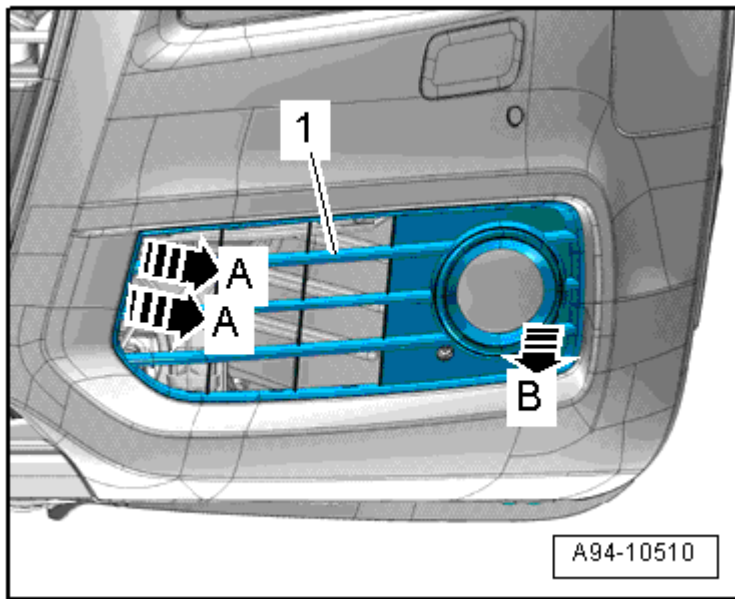


Fig. 17: Releasing Clamps To Remove Air Intake Grille
Courtesy of AUDI OF AMERICA, LLC

- Release the retaining hooks -A arrows- using a screwdriver.
- Remove the air intake grille -1- from the lower part of the bumper cover -arrow B-.

Installation

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

FRONT BUMPER COVER

Removing

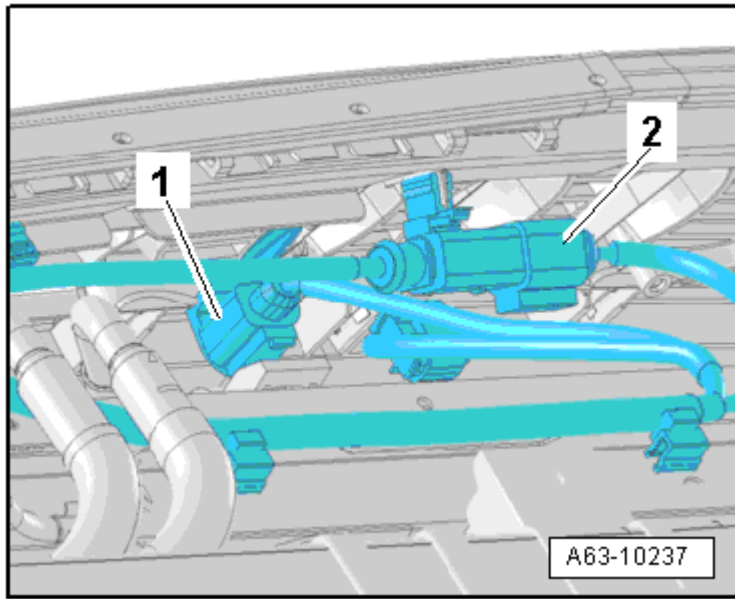


Fig. 18: Identifying Lock Carrier Cover
Courtesy of AUDI OF AMERICA, LLC

- Removing the lock carrier cover, refer to **LOCK CARRIER COVER**.
- Disconnect the electrical connector -2- for the outside air temperature sensor -G17- and the electrical connector -1- for the front parking aid sensor.
- Remove the bolt -3-.

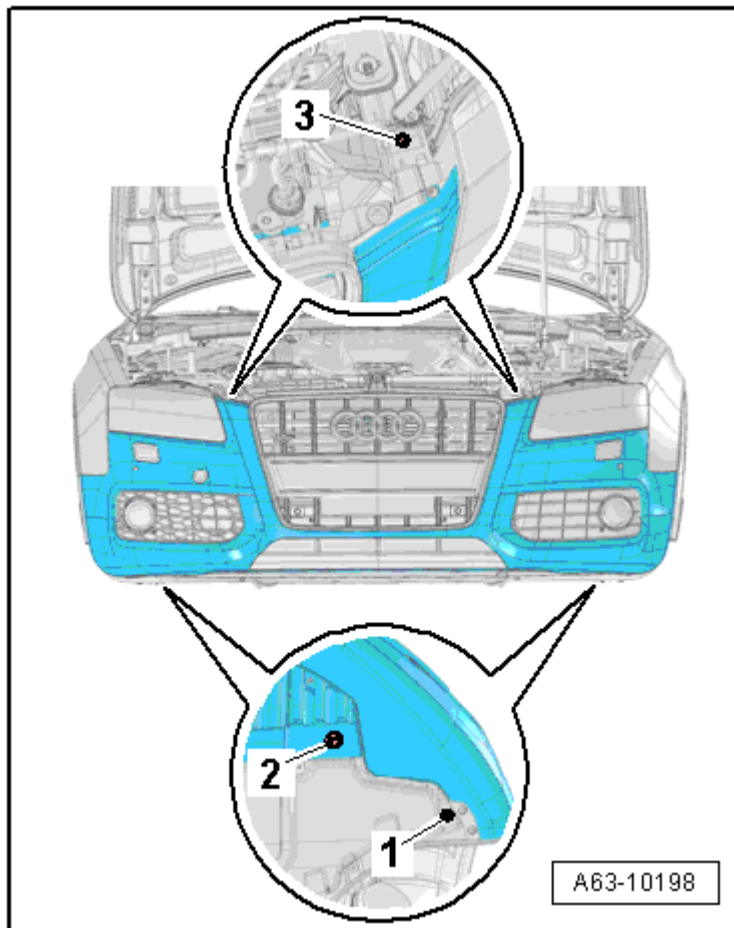


Fig. 19: Identifying Bolt And Quick-Release Coupling Front Bumper Noise Insulation
Courtesy of AUDI OF AMERICA, LLC

- Remove the bolt -2- and the quick-release coupling -1- on the front bumper noise insulation.
- Remove wheel housing liner. Refer to **FRONT WHEEL HOUSING LINER** .

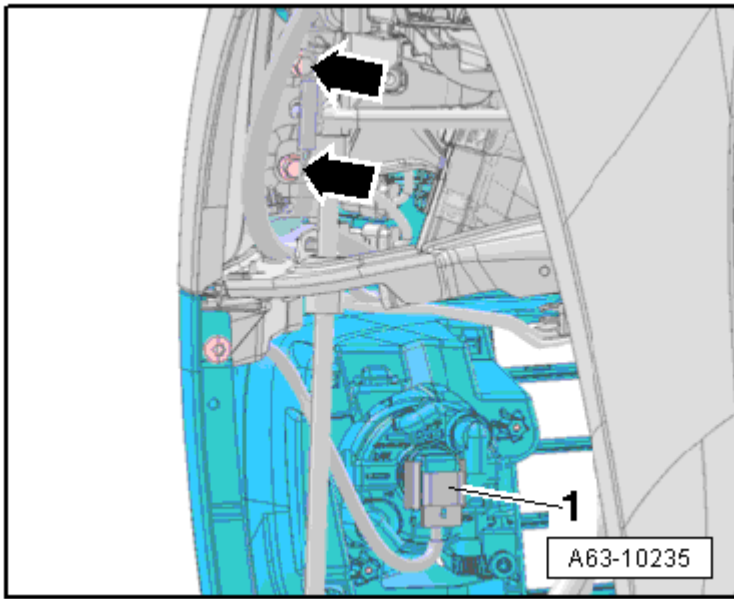


Fig. 20: Identifying Bolts

Courtesy of AUDI OF AMERICA, LLC

- Disconnect the electrical connector -1- on the fog lamp.
- Remove the bolts -arrows-.
- Disengage the side walls on the front side panel and remove the bumper cover forward.

Installation

- Tightening specifications, refer to **BUMPER COVER OVERVIEW**.

Installation is reverse of removal, but note the following:

- Install wheel housing liner. Refer to **FRONT WHEEL HOUSING LINER** .
- Install the lock carrier cover. Refer to **LOCK CARRIER COVER**.

FRONT BUMPER COVER END PLATE

Removing

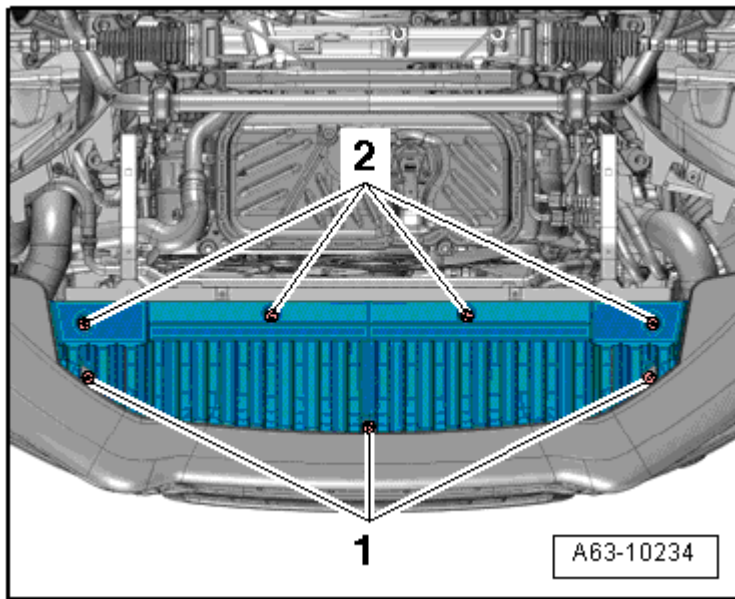


Fig. 21: Identifying Bolts And Bumper Cover End Panel Toward Rear
Courtesy of AUDI OF AMERICA, LLC

- Remove the bolts -1- and -2-.
- Pull the front bumper cover end plate back.

Installation

- Tightening specifications, refer to **BUMPER COVER OVERVIEW**.

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

FRONT BUMPER COVER MOUNT

Removing

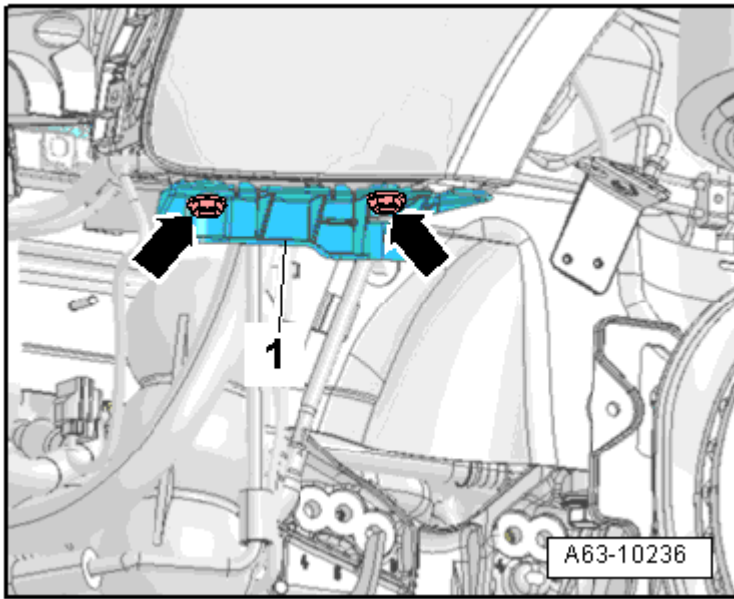


Fig. 22: Identifying Nuts And Front Bumper Cover Mount
Courtesy of AUDI OF AMERICA, LLC

- Remove front bumper cover. Refer to **FRONT BUMPER COVER**.
- Remove the nuts -arrows- and the front bumper cover mount -1-.

Installation

- Tightening specifications, refer to **BUMPER COVER OVERVIEW**.

Installation is reverse of removal, but note the following:

- Install the front bumper cover, refer to **FRONT BUMPER COVER**.

HEADLAMP WASHER SYSTEM SPRAY NOZZLE COVER

Removing

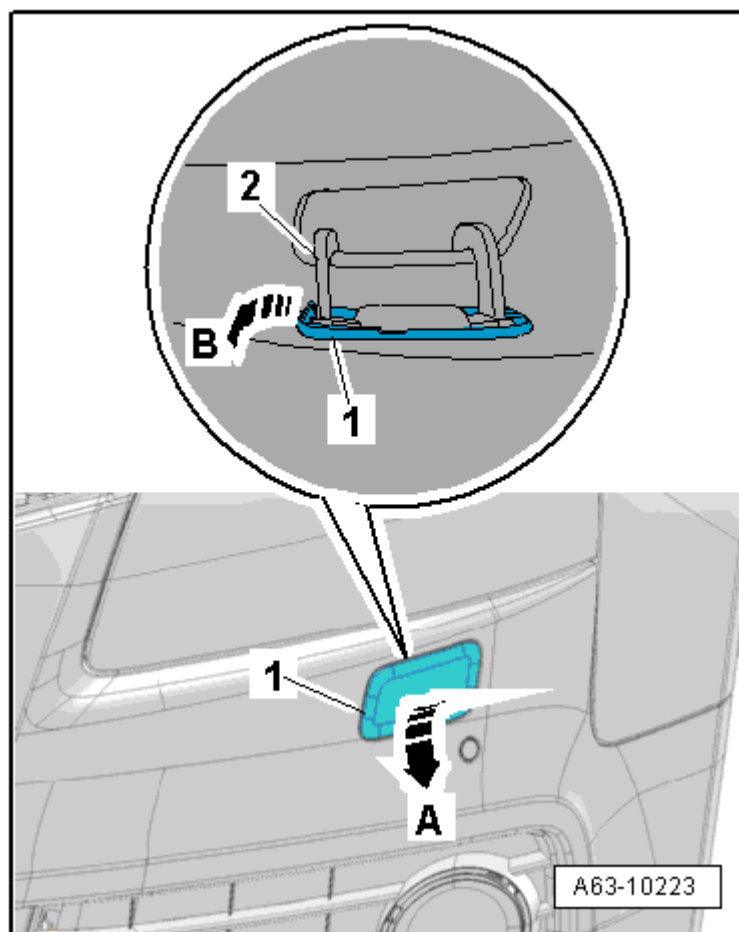


Fig. 23: Using Screwdriver On Inner Side To Pry Off Spray Nozzle Cover
Courtesy of AUDI OF AMERICA, LLC

-- Fold the washer nozzle cover -1- upward -arrow A-.

-- Using a screwdriver on the inner side, pry the spray nozzle cover -1- off the mount -2- -arrow B- and disengage it at the opposite side.

Installation

Installation is reverse of removal, but note the following:

-- Press the spray nozzle cover on until it engages audibly.

IMPACT ABSORBER

Removing

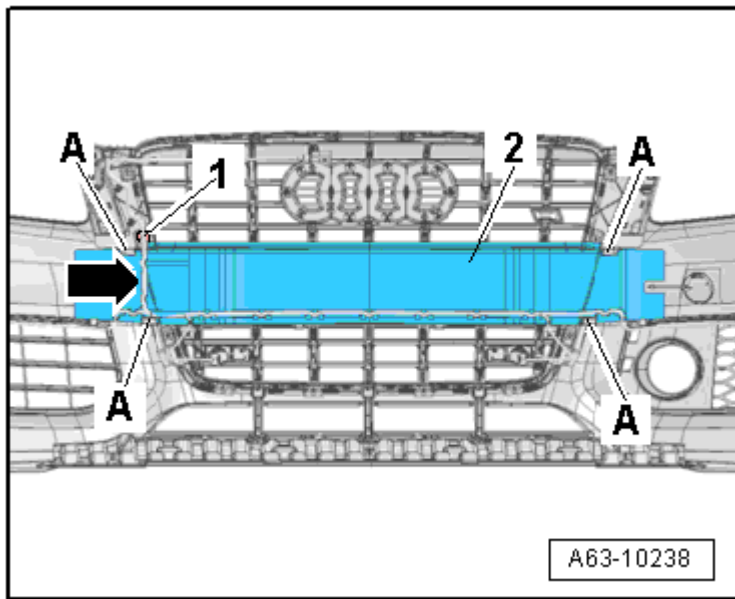


Fig. 24: Identifying Front Bumper Cover
Courtesy of AUDI OF AMERICA, LLC

- Remove front bumper cover. Refer to **FRONT BUMPER COVER**.
- Disconnect the front parking aid sensor electrical wiring harness -1- -arrow- if applicable.
- Guide the impact absorber -2- out of the brackets -A- and remove it.

Installation

Installation is reverse of removal, but note the following:

- Install the front bumper cover, refer to **FRONT BUMPER COVER**.

IMPACT MEMBER

Removing

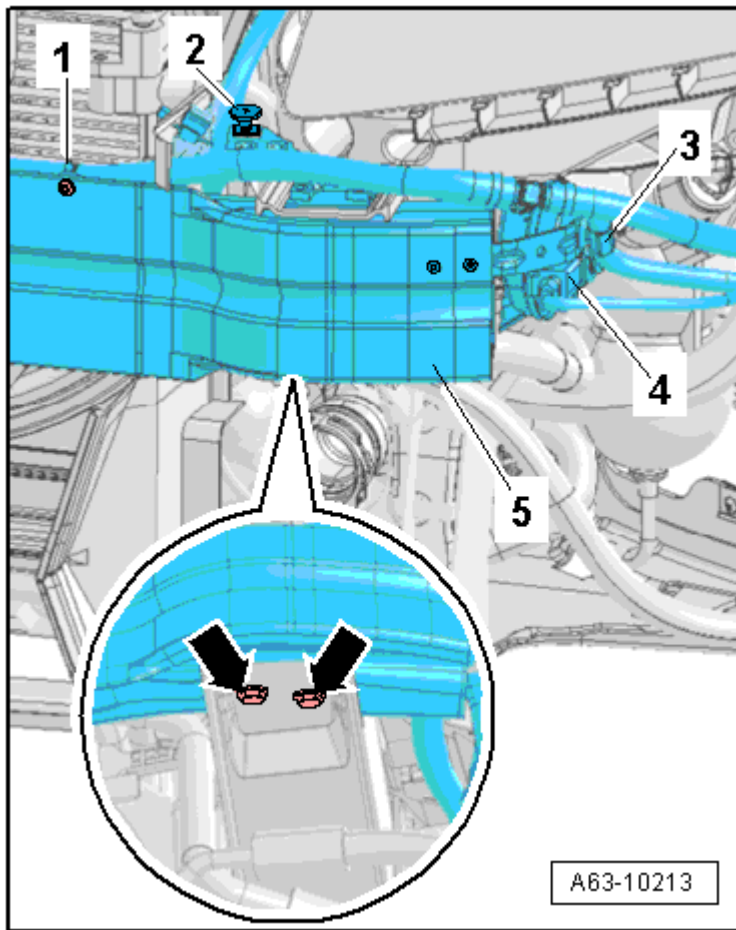


Fig. 25: Identifying Cable Tie -1-, Bumper Cover Spacer -2-, Electrical Wiring Harness -3-, Electrical Connector -4- & Impact Bar -5-

Courtesy of AUDI OF AMERICA, LLC

NOTE: When installing, position cable ties in same place.

- Remove front bumper cover. Refer to **FRONT BUMPER COVER**.
- Disconnect the electrical connector -4- on the horns and free up the electrical wiring harness -3- on the horn bracket.
- Free up the washer nozzle water drain hose by disconnecting the cable tie -1-.
- Remove the bolts -arrows- and the bumper cover spacer -2-.
- Remove the impact bar -5- from the mounts.

NOTE: Pry the impact bar out of the mounts if it is not easy to remove.

Installation

- Tightening specifications, refer to **IMPACT BAR OVERVIEW**.

Installation is reverse of removal, but note the following:

-- Install the front bumper cover. Refer to **FRONT BUMPER COVER**.

LEFT IMPACT BAR BRACKET

Removing

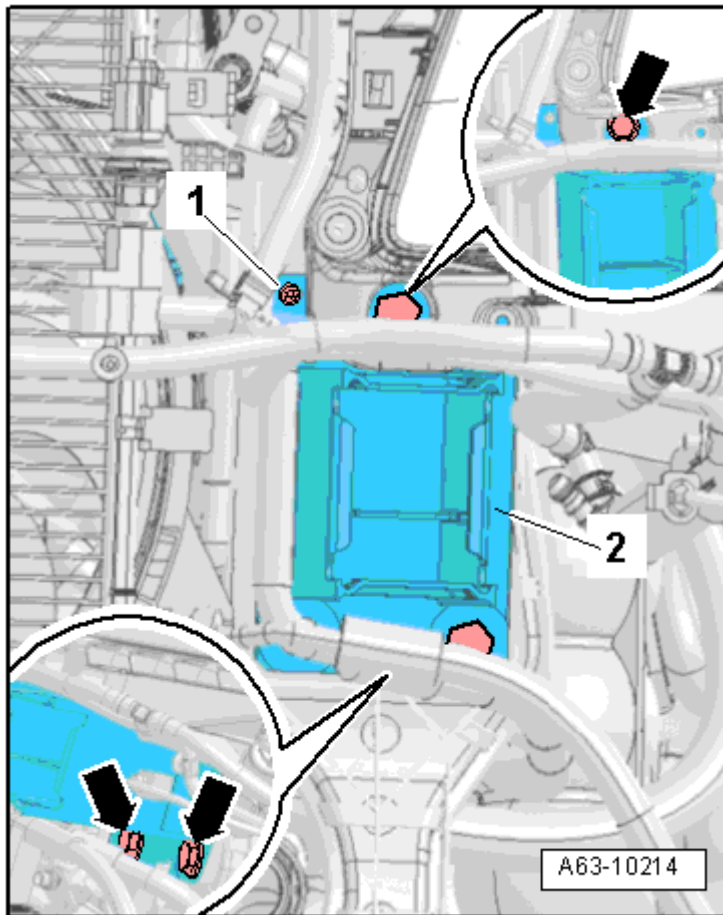


Fig. 26: Identifying Left Impact Bar Bracket

Courtesy of AUDI OF AMERICA, LLC

-- Remove front bumper cover. Refer to **FRONT BUMPER COVER**.

-- Remove the side impact bar. Refer to **IMPACT MEMBER**.

-- Remove the headlamp washer system spray nozzle. Refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation**.

-- Mark the installation position of the bracket to the lock carrier for installation later.

- Remove the bolts -arrows-.
- Remove the locating bolt -1-.
- Tip the impact bar bracket -2- on the lock carrier out and remove it.

Installation

- Tightening specifications, refer to **IMPACT BAR OVERVIEW**.

Installation is reverse of removal, but note the following:

- Tighten the impact bar bracket according to the marking made during removal.
- Install the headlamp washer system spray nozzle. Refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation** .
- Install the impact member. Refer to **IMPACT MEMBER**.
- Install the front bumper cover. Refer to **FRONT BUMPER COVER**.

LOCK CARRIER COVER

Removing

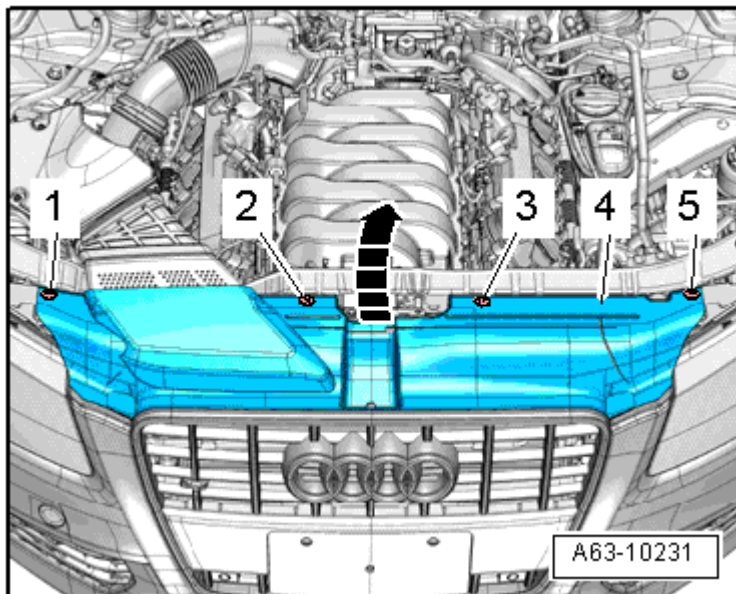


Fig. 27: Identifying Front Lock Carrier Cover
Courtesy of AUDI OF AMERICA, LLC

- Remove the expanding clip bolts -1, 2, 3 and 5-.

-- Lift the lock carrier cover -4- -arrow- and disengage it from the radiator grille.

Installation

Installation is reverse of removal, but note the following:

-- Insert the lock carrier cover with the guide into the mounts on the radiator grille and into the bumper cover.

-- Insert the expanding clips and install the bolts as far as the stop.

RIGHT IMPACT BAR BRACKET

Removing

-- Remove front bumper cover. Refer to **FRONT BUMPER COVER**.

-- Remove the side impact bar. Refer to **IMPACT MEMBER**.

-- Mark the installation position of the bracket to the lock carrier for installation later.

-- Remove the bolts -arrows-.

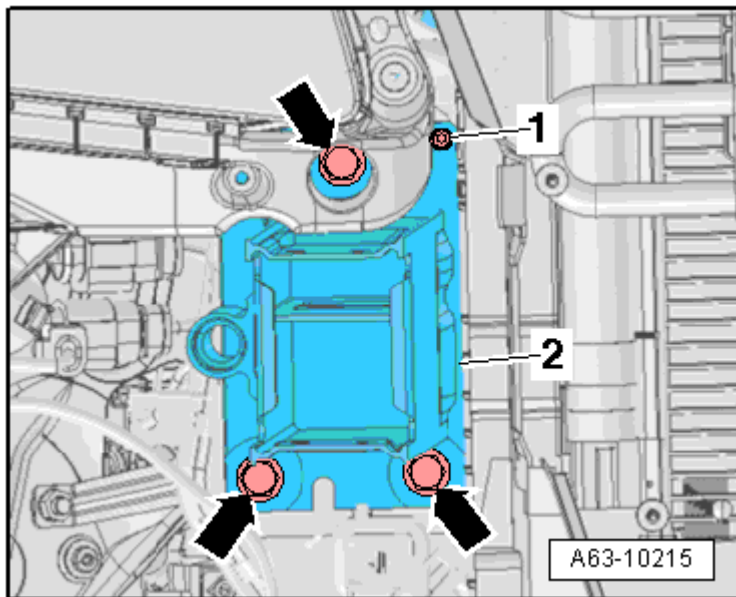


Fig. 28: Identifying Impact Bar Bracket
Courtesy of AUDI OF AMERICA, LLC

-- Remove the locating bolt -1-.

-- Remove the impact bar bracket -2- on the lock carrier.

Installation

- Tightening specifications, refer to **IMPACT BAR OVERVIEW**.

Installation is reverse of removal, but note the following:

- Tighten the impact bar bracket according to the marking made during removal.
- Install the impact member. Refer to **IMPACT MEMBER**.
- Install the front bumper cover. Refer to **FRONT BUMPER COVER**.

REAR BUMPER

REAR BUMPER COVER

Removing

- Remove the tail lamp assembly. Refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation**.

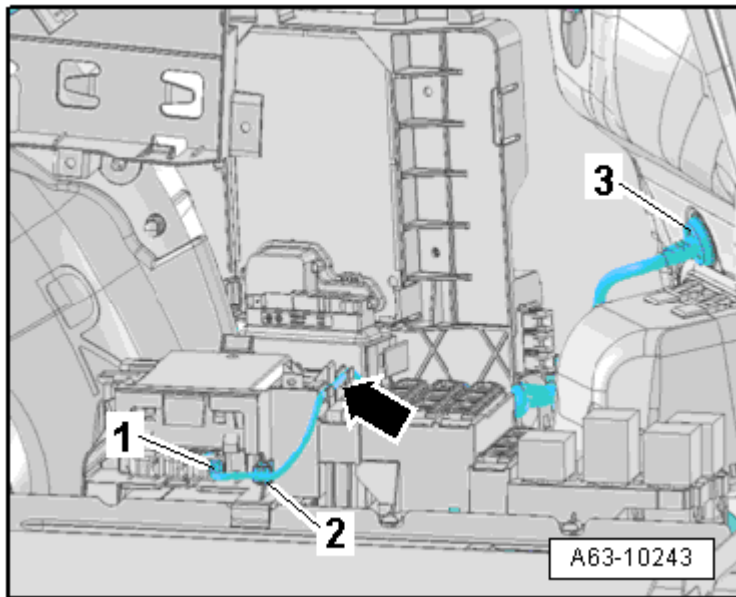


Fig. 29: Disconnecting Electrical Connector
Courtesy of AUDI OF AMERICA, LLC

- Disconnect the electrical connector -1- on the parking aid control module -J446- if applicable.
- Free up the electrical wiring harness on the control module bracket -arrow- by disconnect the cable tie -2-.
- Press the grommet -3- outward.
- Remove the nut -3- from the threaded pin on the cover -1-.

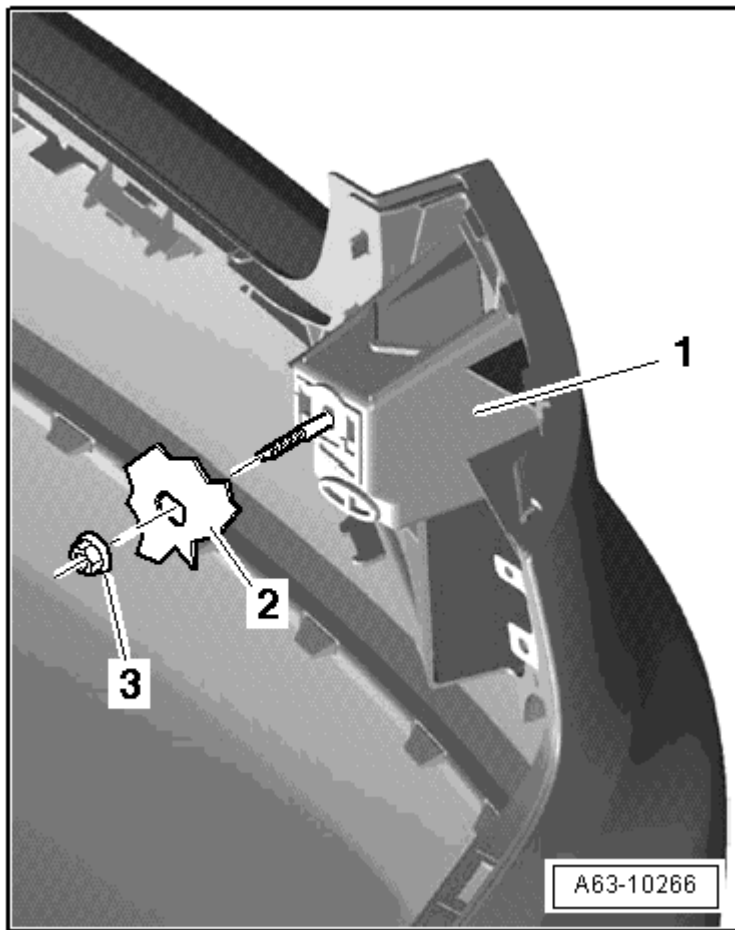


Fig. 30: Identifying Nut From Threaded Pin On Cover
Courtesy of AUDI OF AMERICA, LLC

-- Remove the bolts -1- on the lower bumper cover section.

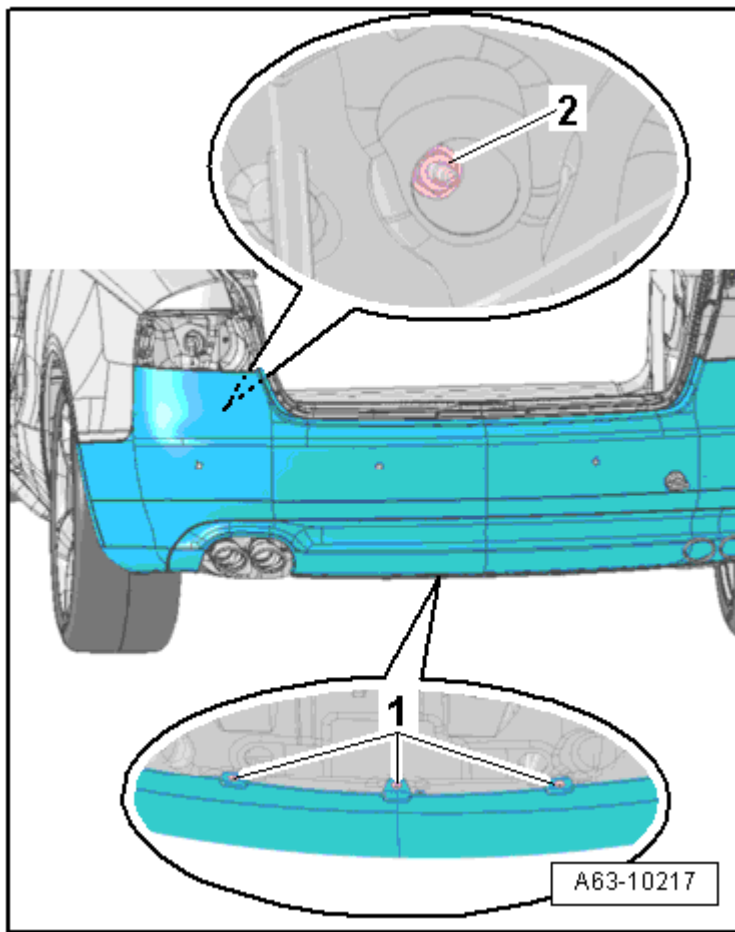


Fig. 31: Identifying Bolts On Lower Bumper Cover Section
Courtesy of AUDI OF AMERICA, LLC

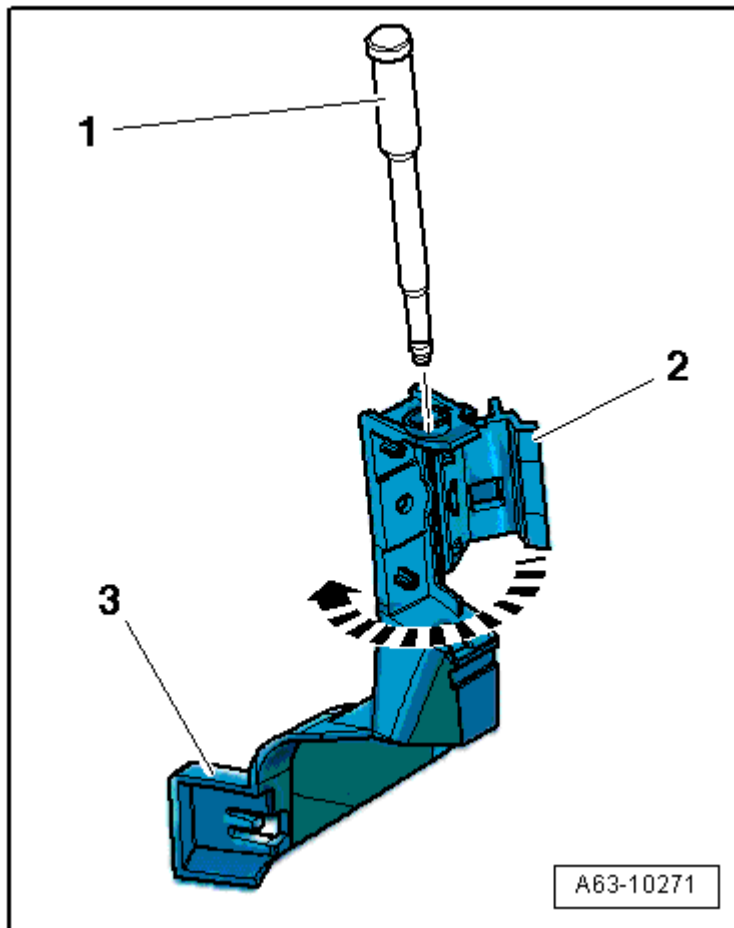


Fig. 32: Guiding Piece Bolt

Courtesy of AUDI OF AMERICA, LLC

- Before the bumper cover can be pulled to the rear, remove the bolt -1- from the left and right guide piece -3-.
- When installing, fold the hinge -2- on the guide piece forward -arrow- before inserting the bolt.
- Remove the left and right bolts -1- on the front side of the bumper.
- Release the catch for the bumper cover by removing the bolts -3- from the guide piece.

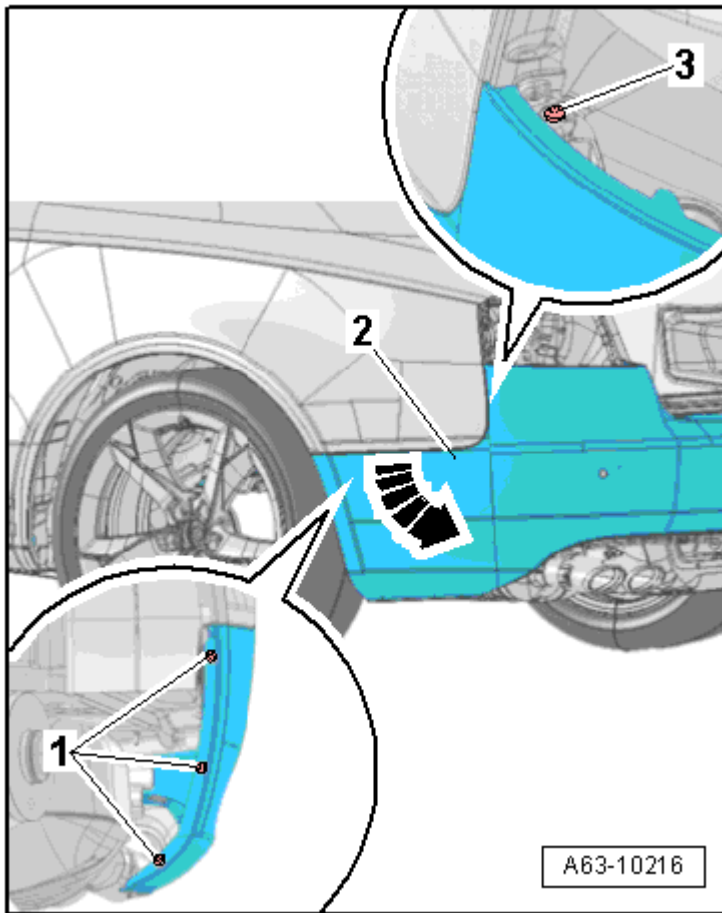


Fig. 33: Releasing Catch For Bumper Cover By Removing Bolts
Courtesy of AUDI OF AMERICA, LLC

-- Disengage the left and right bumper cover on the side panel -arrow-.

-- Remove the bumper cover -2-. The parking aid sensor electrical wire must be guided out through the body opening.

Installation

- Tightening specifications, refer to **REAR BUMPER COVER OVERVIEW**.
- Installation is reverse of removal, but note the following:

-- When installing, the side catches on the guide piece -2- must engage completely into the bumper cover -1-.

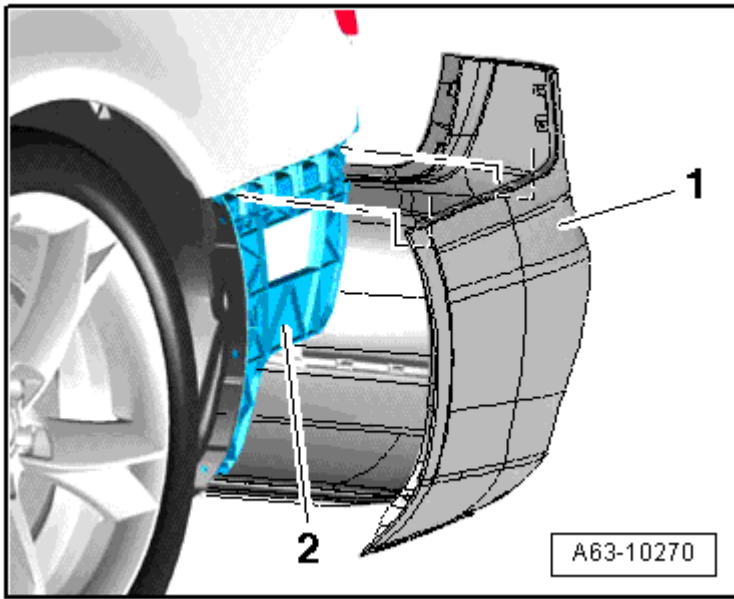


Fig. 34: Identifying Side Catches On Guide Piece (Engage Completely Into Bumper Cover)
Courtesy of AUDI OF AMERICA, LLC

- Fold the hinge on the guide piece forward and insert the bolt. Refer to **Fig. 32**
- Connect the electrical connector on the parking aid control module -J446- if applicable. Refer to **[For engine (s) CAEB, CALA, CCBA] Removal and Installation** .
- Install the tail lamp assembly. Refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation** .

SPOILER

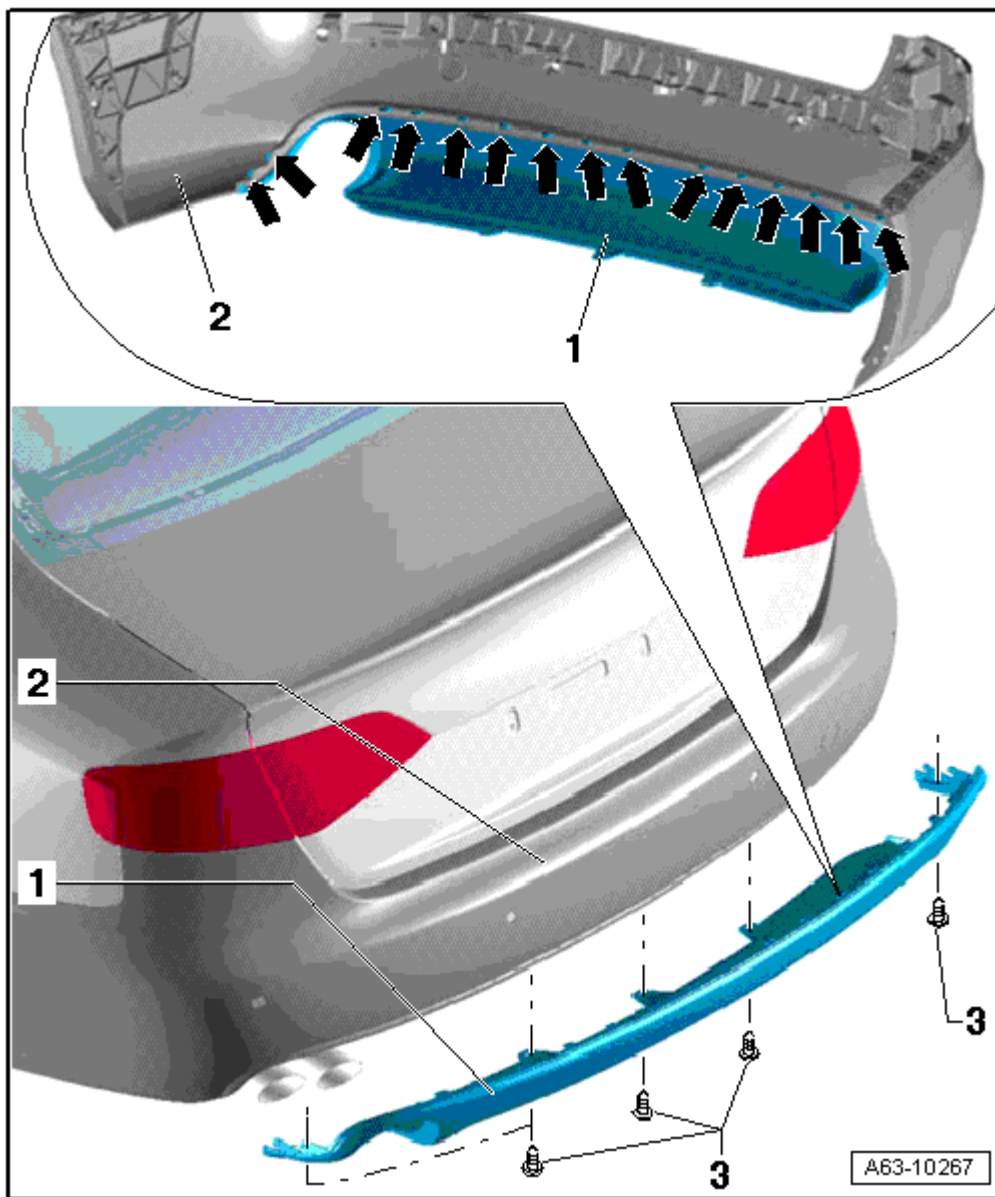


Fig. 35: Identifying Spoiler

Courtesy of AUDI OF AMERICA, LLC

1. Spoiler

- The clips -arrow- must engage completely into the bumper cover when installing.

2. Bumper Cover

- Installed

3. Bolt

- 1.5 Nm

Removing

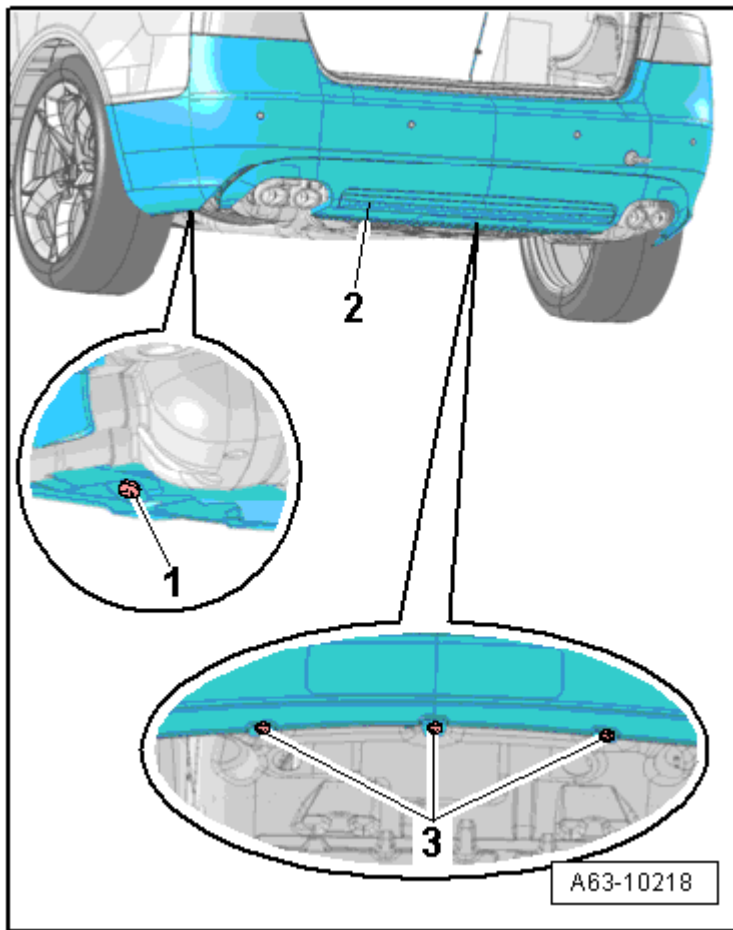


Fig. 36: Identifying Bolts

Courtesy of AUDI OF AMERICA, LLC

-- Remove the bolts -1- and -3- on the spoiler -2- for the bumper cover.

-- Unclip the bumper cover spoiler -2- from the bumper cover -1- in the sequence -A to C arrows- beginning above the tail pipe.

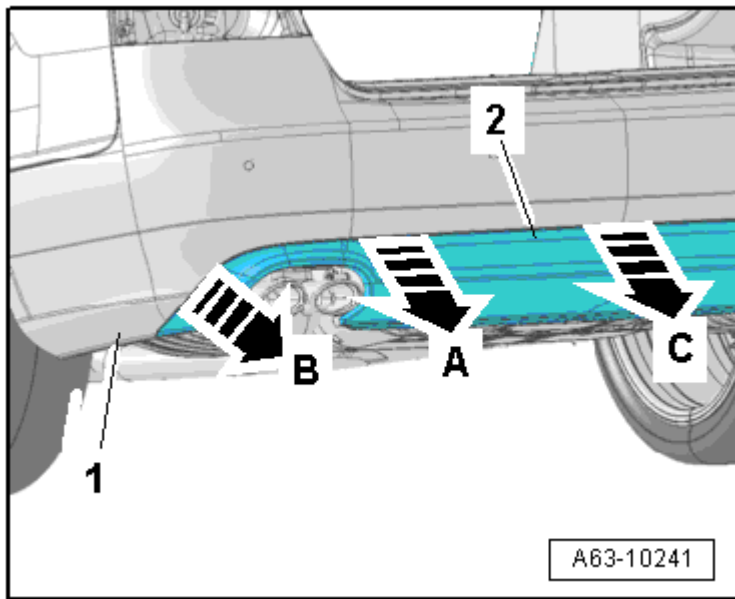


Fig. 37: Unclipping Bumper Cover Spoiler From Bumper In Sequence Beginning Above Tail Pipe
Courtesy of AUDI OF AMERICA, LLC

Installation

- Tightening specifications, refer to **REAR BUMPER COVER OVERVIEW**.

Installation is reverse of removal, but note the following:

-- When pressing on, make sure the end points are guided into the bumper cover before pressing on for the final time.

UPPER GUIDE PIECE

Removing

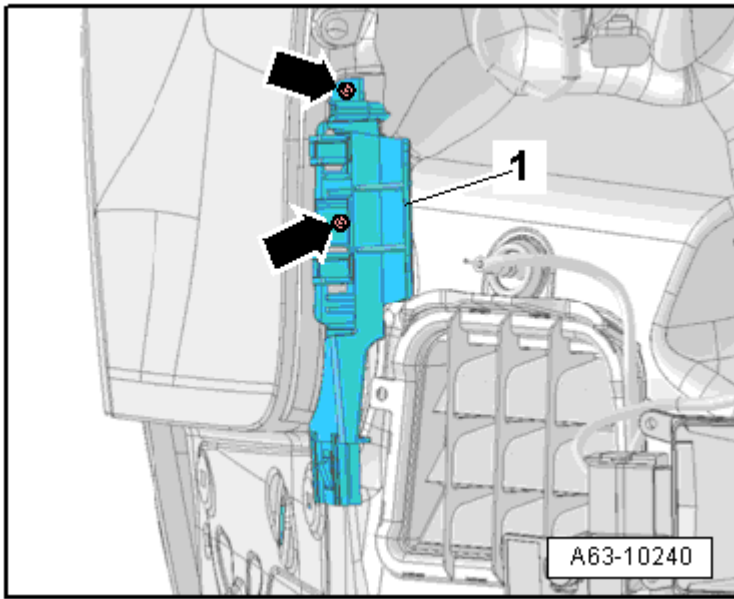


Fig. 38: Identifying Bumper Cover Side Mount
Courtesy of AUDI OF AMERICA, LLC

- Remove the rear bumper cover. Refer to **REAR BUMPER COVER**.
- Remove the bumper cover side mount. Refer to **GUIDE PIECE**.
- Remove the bolts -arrows- and the bumper cover locking mechanism -1-.

Installation

- Tightening specifications, refer to **REAR BUMPER COVER OVERVIEW**.

Installation is reverse of removal, but note the following:

- Install the bumper cover side mount. Refer to **GUIDE PIECE**.
- Install the rear bumper cover. Refer to **REAR BUMPER COVER**.

GUIDE PIECE

Removing

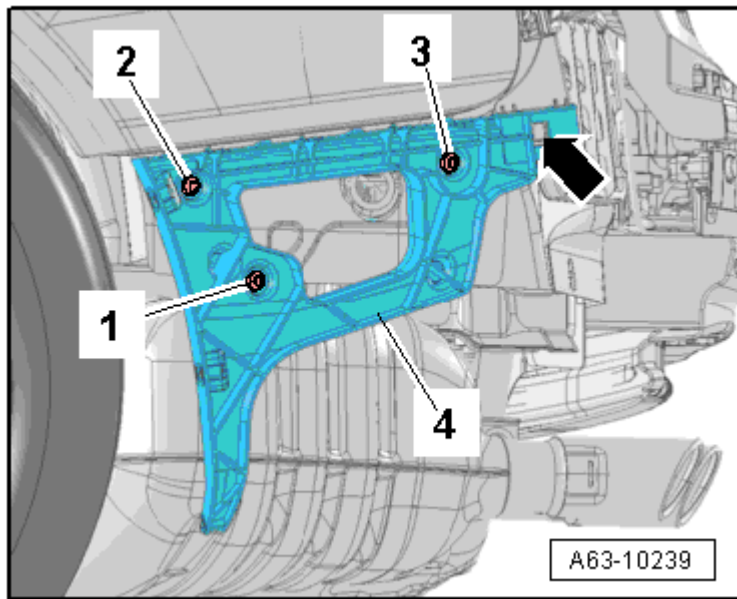


Fig. 39: Identifying Guide Piece

Courtesy of AUDI OF AMERICA, LLC

- Remove the rear bumper cover. Refer to **REAR BUMPER COVER**.
- Remove the bolts -1 through 3-.
- Release the retaining spring on the bumper cover locking mechanism -arrow- and remove the bumper cover side mount -4- downward.

Installation

- Tightening specifications, refer to **Fig. 10**.

Installation is reverse of removal, but note the following:

- Install the rear bumper cover. Refer to **REAR BUMPER COVER**.

IMPACT MEMBER WITHOUT TRAILER HITCH

Removing

- Remove the rear bumper cover. Refer to **REAR BUMPER COVER**.
- Disconnect the electrical connector on the radio frequency controlled clock receiver -J489-.

NOTE: If the impact bar is replaced -3-, remove the radio frequency controlled clock receiver -J489-. Refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation** .

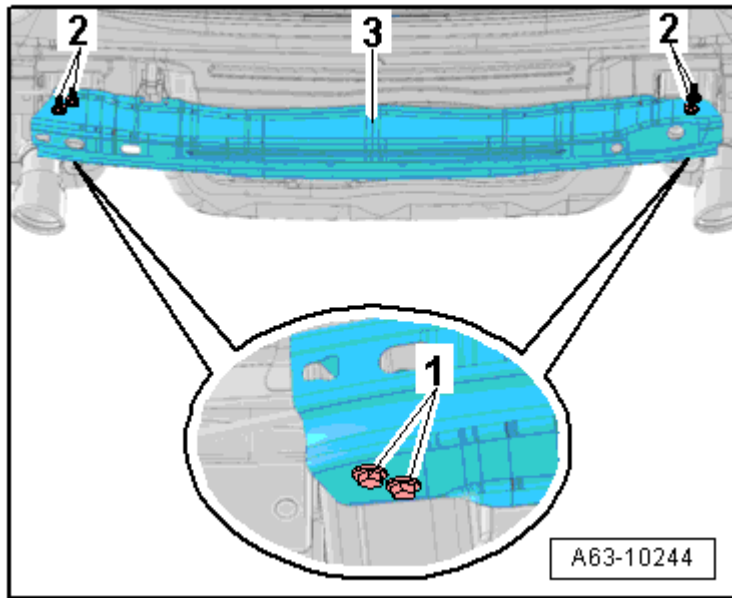


Fig. 40: Counterholding Nuts To Remove Bolts
Courtesy of AUDI OF AMERICA, LLC

-- Remove the bolts -1- by counterholding the nuts -2-.

-- Remove the impact bar -3-.

Installation

- Tightening specifications, refer to **IMPACT BAR OVERVIEW**.

Installation is reverse of removal, but note the following:

-- Install the rear bumper cover. Refer to **REAR BUMPER COVER**.

IMPACT MEMBER MOUNT WITHOUT TRAILER HITCH

Removing

-- Remove the rear bumper cover. Refer to **REAR BUMPER COVER**.

-- Remove the side impact bar. Refer to **IMPACT MEMBER WITHOUT TRAILER HITCH**.

-- Remove the tie-downs. Refer to **Removal and Installation** .

-- Loosen the left and right luggage compartment side trim in the rear area. Refer to **Removal and Installation** .

-- Remove the bolts -arrows- and the impact bar mount -1-.

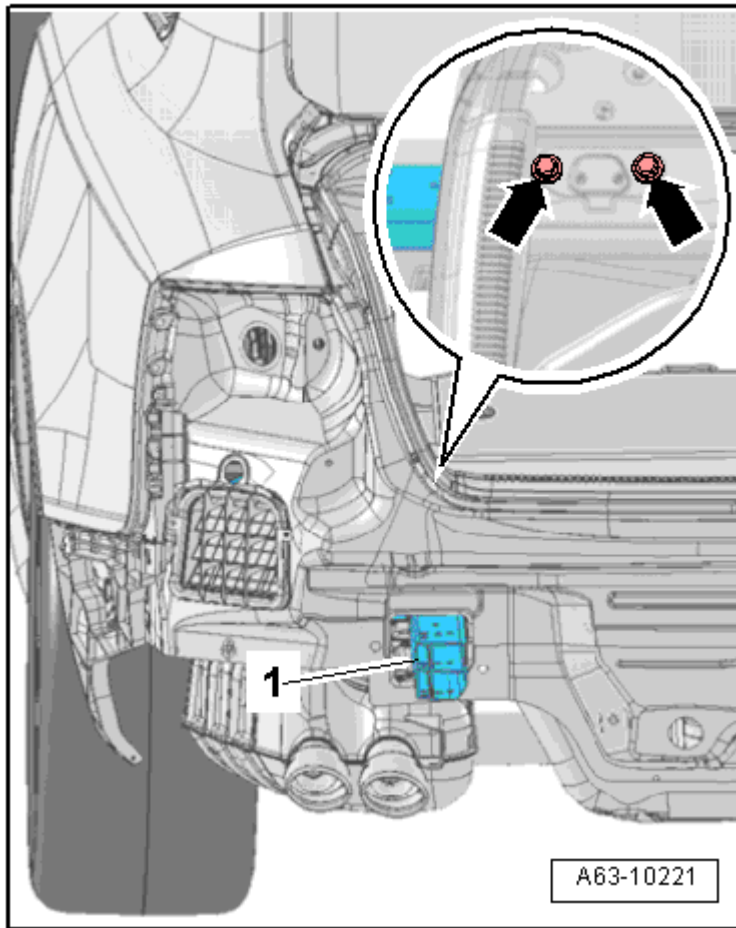


Fig. 41: Identifying Arrows And Impact Bar Mount
Courtesy of AUDI OF AMERICA, LLC

Installation

- Tightening specifications, refer to **IMPACT BAR OVERVIEW**.

Installation is reverse of removal, but note the following:

- Install the left and right luggage compartment side trim. Refer to **Removal and Installation** .
- Install the tie-downs. Refer to **Removal and Installation** .
- Install the impact member. Refer to **IMPACT MEMBER WITHOUT TRAILER HITCH**.
- Install the rear bumper cover. Refer to **REAR BUMPER COVER**.

IMPACT MEMBER WITH TRAILER HITCH

Removing

- Remove the rear bumper cover. Refer to **REAR BUMPER COVER**.
- Remove the trailer hitch outlet. Refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation** .
- Free up the electrical wire spiral clip -1-.

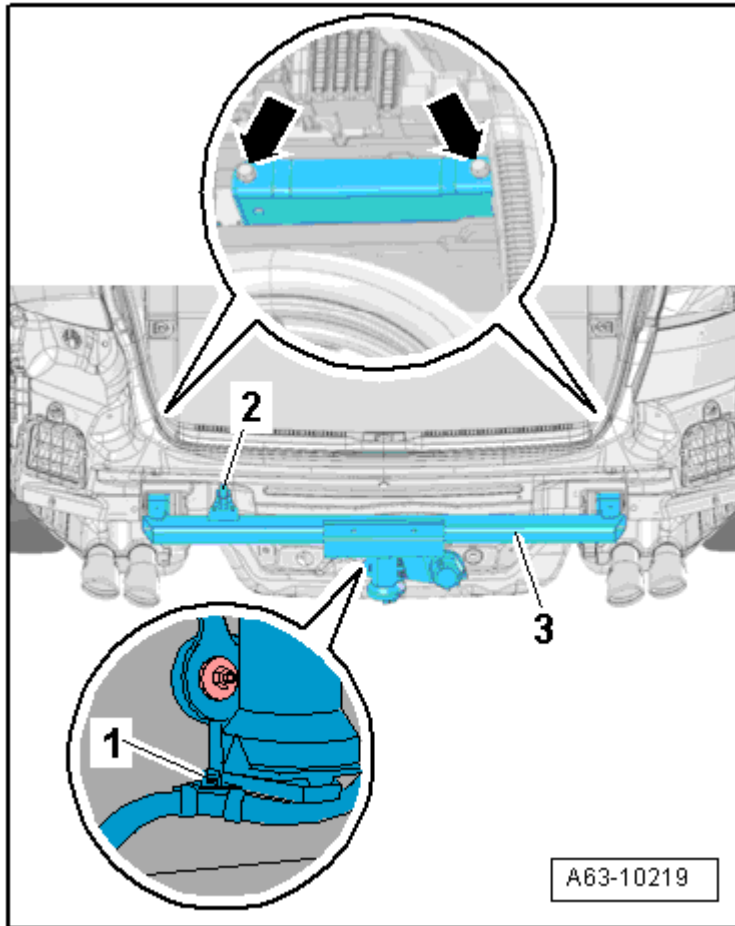


Fig. 42: Freeing Up Electrical Wire Spiral Clip
Courtesy of AUDI OF AMERICA, LLC

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

- Disconnect the electrical connector on the radio frequency controlled clock receiver -J489- -item 2-, if applicable.

NOTE: If the impact bar is replaced -3-, remove the radio frequency controlled clock receiver -J489-. Refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation** .

- Remove the tie-downs. Refer to **Removal and Installation** .

- Loosen the left and right luggage compartment side trim in the rear area. Refer to **Removal and Installation** .
- Remove the bolts -arrows- and the impact bar -3-.

Installation

- Tightening specifications, refer to **IMPACT BAR OVERVIEW**.

Installation is reverse of removal, but note the following:

- Install the left and right luggage compartment side trim. Refer to **Removal and Installation** .
- Install the tie-downs. Refer to **Removal and Installation** .
- Install the trailer hitch outlet. Refer to **[For engine(s) CAEB, CALA, CCBA] Removal and Installation** .
- Install the rear bumper cover. Refer to **REAR BUMPER COVER**.