Skid Plate and Rear Panel, Stainless Steel

Information: **Retrofitting**

Model Year: **As of 2019**

Restriction:
- **Not** in conjunction with SportDesign package (I-no. 2D1 / 2D2 / 2D5 / 2D6)
- **Not** for vehicles with a trailer hitch (I-no. 1D6)

Note: The stainless steel skid plate (⇒*Figure 1*) gives the Macan a customized look and makes it appear even more powerful and dynamic.

The stainless steel skid plate is available individually straight from the factory for new vehicles by requesting optional equipment "2JC".

Installation together with the stainless steel rear panel is recommended. Both are available together straight from the factory by requesting optional equipment "Stainless steel skid plate and rear panel (2JX)".

Stainless steel rear trim for a customized look. Installation together with the stainless steel skid plate is recommended.

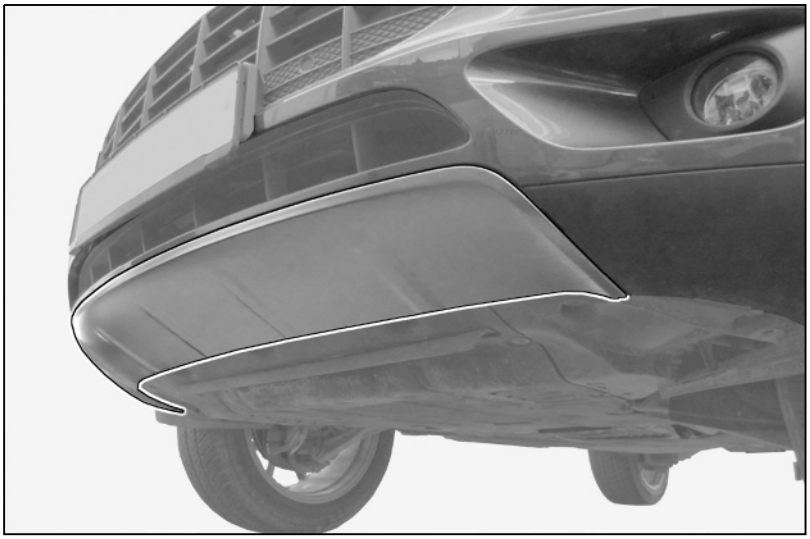

Figure 1

Parts Info: **95B.807.833** ⇒ Skid plate and rear panel, stainless steel

The following parts must be ordered for the relevant model

95B.807.061.L	Lower part of front apron, Basic/S
95B.807.061.P	Lower part of front apron, Turbo

Materials: ——— —— Isopropanol (commercially available)

Tools: **9900 - PIWIS Tester 3**
Polyoxymethylene wedge (POM wedge, commercially available)
Soft-faced hammer (commercially available)
Stanley knife (commercially available)
Saw or vibrating knife
Round/flat file
Side cutters
Flat scraper
Hand lamp

Installing: 1 Preparatory work:

1.1 Connect battery charger (⇒ *Workshop Manual '2X00IN Battery trickle charging'*).

1.2 Remove front apron. ⇒ *Workshop Manual '2X00IN Removing and reinstalling front apron'*

1.3 Remove front spoiler from front apron (⇒*Figure 3*)

1 – Front spoiler
2 – Front apron

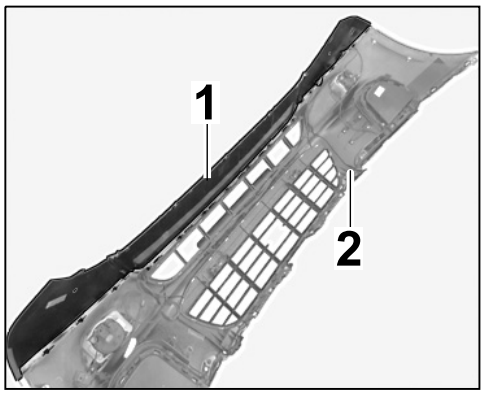

Figure 3

1.3.1 Remove fixing clips (2 x ⇒*Figure 4* **-Arrows-**) from wire harness in front apron (left/right).

1 – Wire harness in front apron
2 – Expansion rivet

1.3.2 Release and unclip two expansion rivets on the front apron (at the left ⇒*Figure 4* **-inset-**/right).

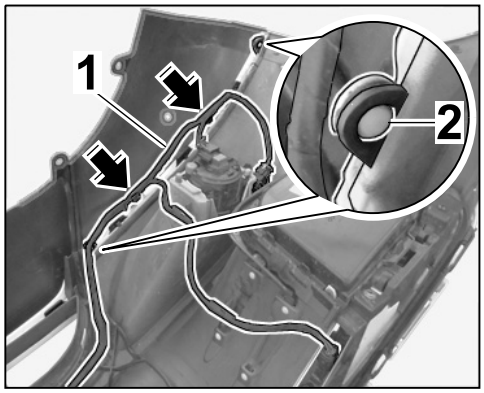

Figure 4

1.3.3 Press down locking lugs (⇒*Figure 5* **-arrow a-**) and guide front spoiler out of the front apron (⇒*Figure 5*).

1 – Locking lug

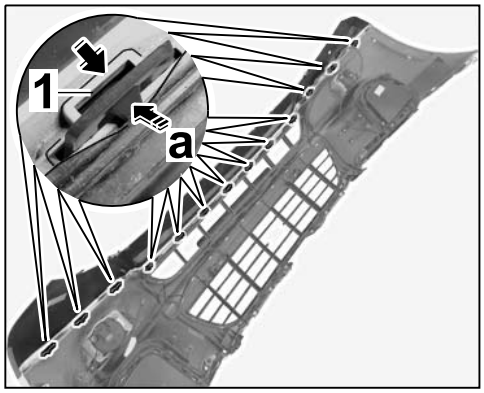

Figure 5

⚠ CAUTION

Machining work (drilling, filing, grinding, etc.)

- **Risk of damage to electric wires**
- **Risk of damage to components**

- **Risk of damage to painted surfaces**

⇒ **Exercise extreme care while working. Use a bit stop while drilling if necessary.**

⇒ **Cover and, if necessary, mask surfaces that are at risk (painted surfaces, wood or carbon look parts and so on).**

CAUTION

Pointed or sharp objects

- **Risk of nicks, cuts or scrapes**

⇒ **Wear personal protective gear.**

2 Install stainless steel skid plate

2.1 Prepare front spoiler for installing the skid plate

2.1.1 Use a Stanley knife along the embossing (⇒*Figure 6* **-inset A-**) to make a slot in the front spoiler at the left and right (⇒*Figure 6* **-inset B-**).

A – Embossing
B – Slot

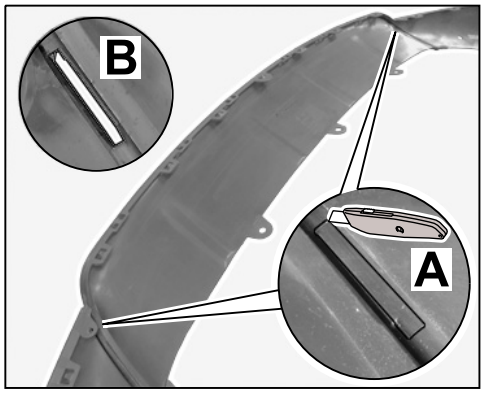

Figure 6

2.1.2 Remove edge of front spoiler close to the six mounting points (⇒*Figure 7* **-inset A-**) and centre of front spoiler (⇒*Figure 7* **-B -**) using a Stanley knife.

1 – Edge of front spoiler

De-burr the cut edge if necessary.

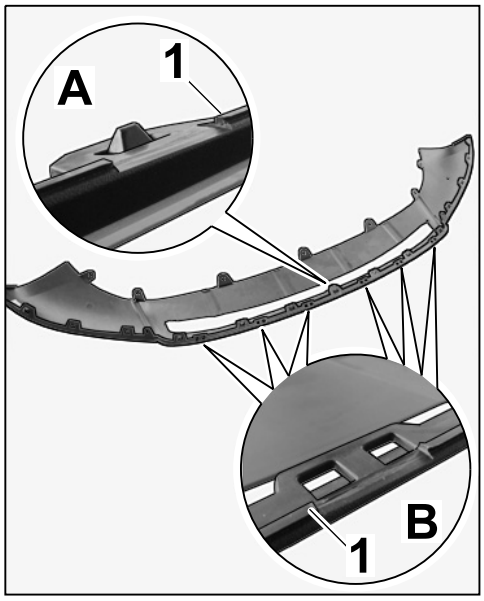

Figure 7

2.1.3 Make a cut-out in the front spoiler (⇒*Figure 8*).

1 – Embossing/marking
2 – Front spoiler
3 – Pneumatic saw

Highlight the embossing/marking using a pen (⇒*Figure 8* **-top-**).

Cut out the cut-out in the front spoiler using a saw or vibrating knife (⇒*Figure 8* **-3-**).

2.2 Pull protective film off the edge of the stainless steel skid plate.

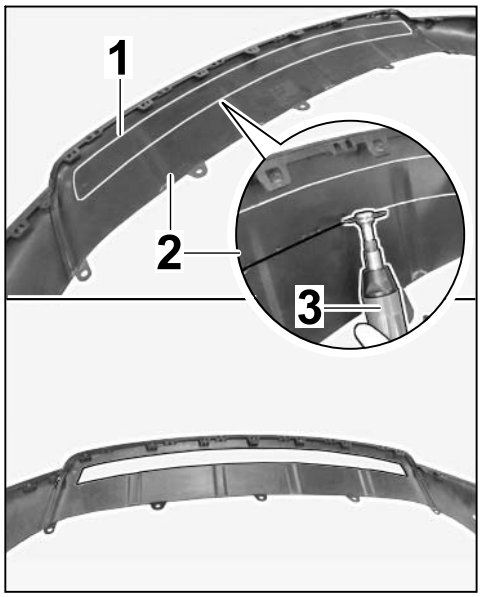

Figure 8

Information

When joining the components, make sure that the tabs do not damage the surface of the front spoiler.

2.3 Install front spoiler on stainless steel skid plate and carefully guide the outer retaining pivots into the slots (⇒*Figure 9*).

1 – Stainless steel skid plate
2 – Front spoiler
3 – Retaining pivot (outer)

2.4 Secure stainless steel skid plate.

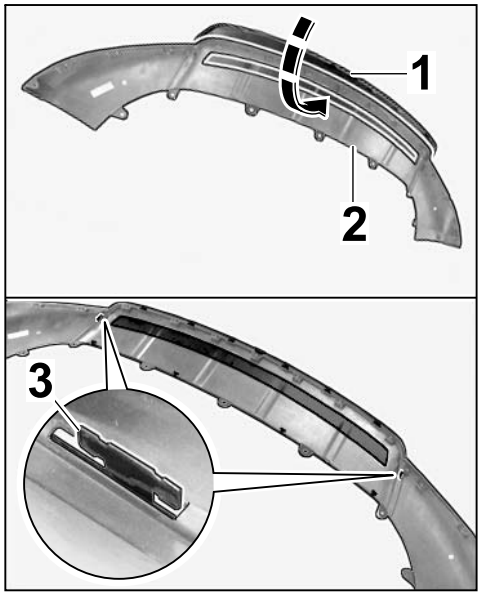

Figure 9

2.4.1 Bend the rear holders by 180° (⇒*Figure 10* **-arrow a-**).

2.4.2 Bend the tabs on the two outer retaining pivots over by approx. 90° (⇒*Figure 10* **-arrows b-**).

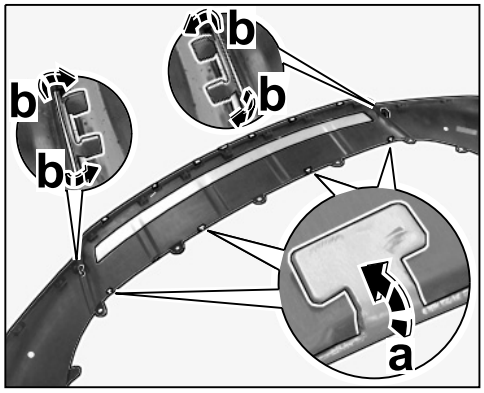

Figure 10

2.4.3 Press retaining lugs (⇒*Figure 11* **-1-**) down by approx. 30°. Counter using a flat-nosed pliers or another tool (⇒*Figure 11* **-2-**).

1 – Retaining lugs
2 – Flat-nosed pliers

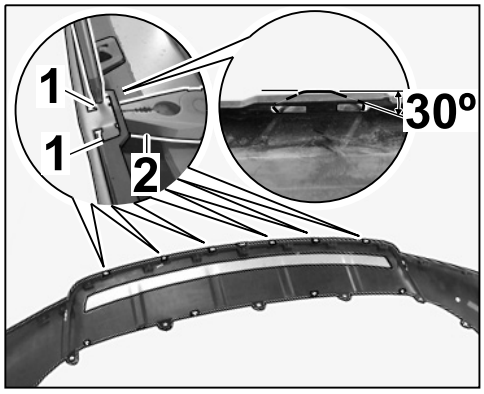

Figure 11

2.5 Install the front spoiler on the front apron.

2.5.1 Get another mechanic to help you to position the front spoiler in the gap on the front apron and press it on evenly until the retaining lugs (⇒*Figure 12* **-Arrow-**) lock securely.

1 – Locking lug

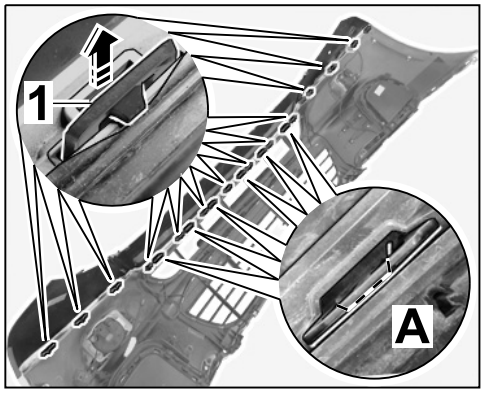

Figure 12

2.5.2 Install two expansion rivets (at the left ⇒*Figure 13* **-inset-**/right).

1 – Wire harness in front apron
2 – Expansion rivet

2.5.3 Install wire harness on the front apron (at the left ⇒*Figure 13* **-Arrows-**/right).

2.6 Pull off the remaining protective film on the stainless steel skid plate and clean with isopropanol.

2.7 Install front apron. ⇒*Workshop Manual '2X00IN Removing and reinstalling front apron'*

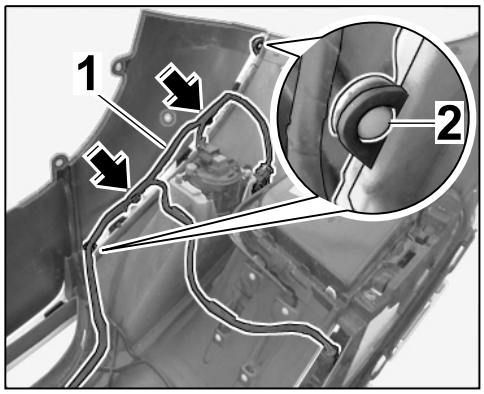

Figure 13

Installing:

CAUTION

Pointed or sharp objects

- **Risk of nicks, cuts or scrapes**

⇒ **Wear personal protective gear.**

3 **Installing stainless steel rear panel**.

3.1 Remove rear apron. ⇒*Workshop Manual '2X00IN Removing and installing rear apron'*

3.2 Remove standard rear panel from rear apron.

3.2.1 Release and remove expansion rivets.

3.2.2 Guide side tabs out of the rear apron.

3.2.3 Release and unclip locking lugs on the standard rear panel and remove rear panel.

3.3 Pull film off the edges of the stainless steel rear panel ⇒*Figure 2* **-Arrow-**.

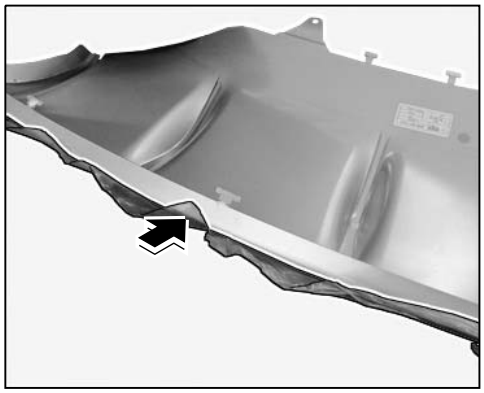

Figure 2

3.4 Position standard rear panel ⇒*Figure 3* **-1-** in the stainless steel rear panel ⇒*Figure 3* **-2-** (⇒*Figure 3* **-Arrow-**) (installation position).

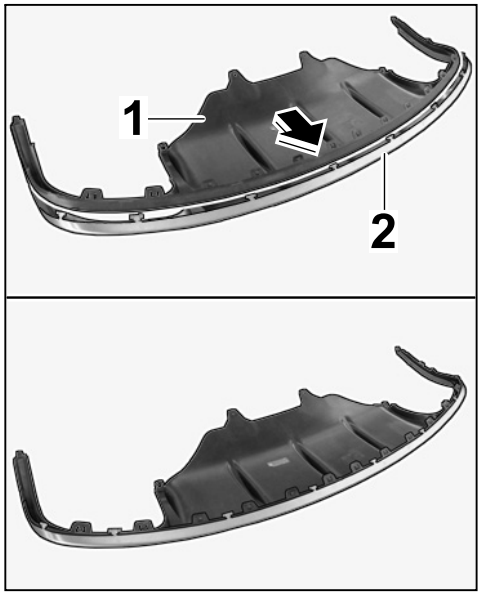

Figure 3

CAUTION

Machining work (drilling, filing, grinding, etc.)

- **Risk of damage to electric wires**
- **Risk of damage to components**
- **Risk of damage to painted surfaces**

⇒ **Exercise extreme care while working. Use a bit stop while drilling if necessary.**

⇒ **Cover and, if necessary, mask surfaces that are at risk (painted surfaces, wood or carbon look parts and so on).**

3.5 Make grooves on the standard rear panel.

3.5.1 Mark the width of the bars ⇒ *Figure 4* **-a, b-** using a suitable pen/marker ⇒*Figure 4* **-Arrows-**.

3.5.2 Separate standard rear panel and stainless steel rear trim.

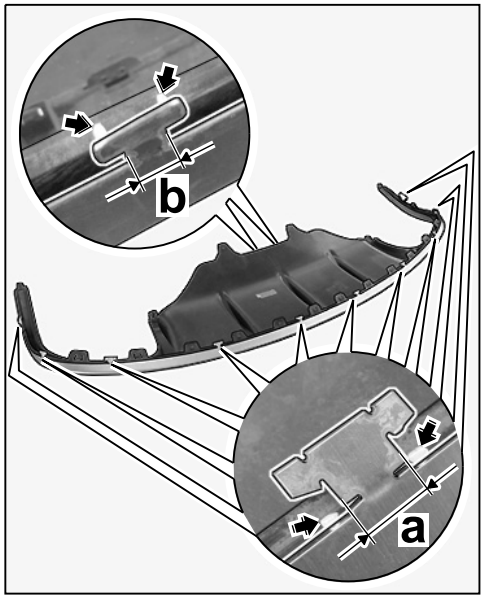

Figure 4

3.5.3 Cut standard rear panel using a cutter (Stanley knife), for example, ⇒*Figure 5* **-A -** at the markings ⇒*Figure 5* **-Arrows-** and remove material between the cuts ⇒*Figure 5* **-B -**.

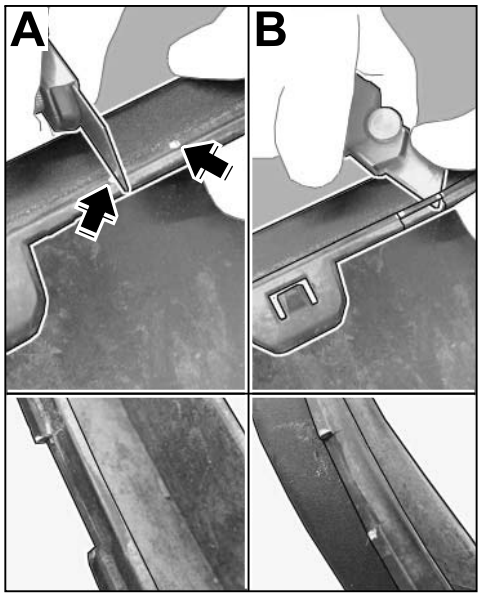

Figure 5

3.6 Position standard rear panel ⇒*Figure 6* **-1-** in the stainless steel rear panel ⇒*Figure 6* **-2-** (⇒*Figure 6* **-Arrow-**) (installation position).

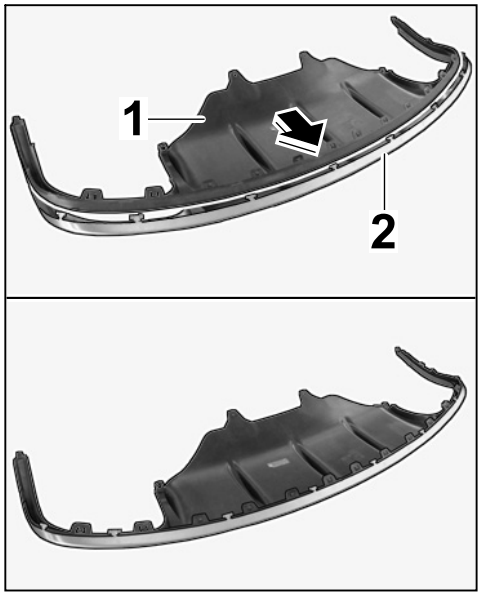

Figure 6

3.7 Bend the tabs on the two outer retaining pivots over by approx. 90° ⇒*Figure 7* **-arrow b-** and by 180° on the rear retaining pivots ⇒*Figure 7* **-arrow a-**.

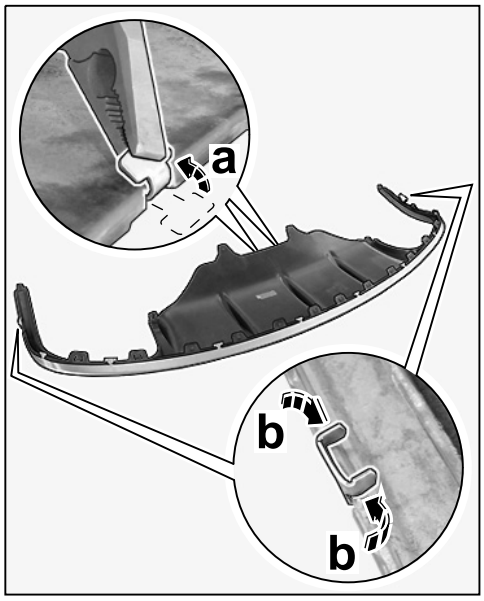

Figure 7

3.8 Install standard rear panel with stainless steel trim on the rear apron.

3.8.1 Carefully join the standard rear panel and stainless steel trim with the help of another mechanic. The tabs ⇒*Figure 8* **-1-** must engage securely in the rear apron.

3.8.2 Guide the side tabs ⇒*Figure 8* **-arrow a-** into the rear apron.

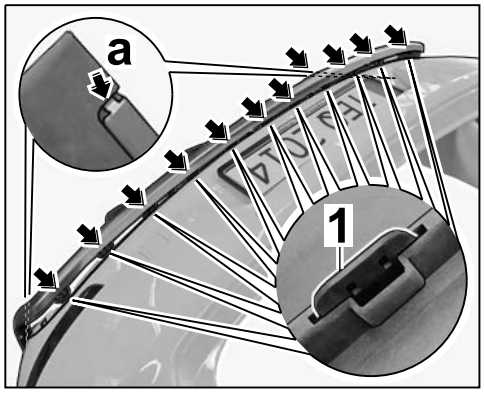

Figure 8

3.8.3 Bend all other tabs (8 ea.) on the retaining pivots over by approx. 45° ⇒*Figure 9* **-arrows a-**.

1 – Rear apron
2 – Standard rear panel
3 – Stainless steel rear trim

3.8.4 Install and lock expansion rivet ⇒ *Figure 9* **-4-** at the left and right.

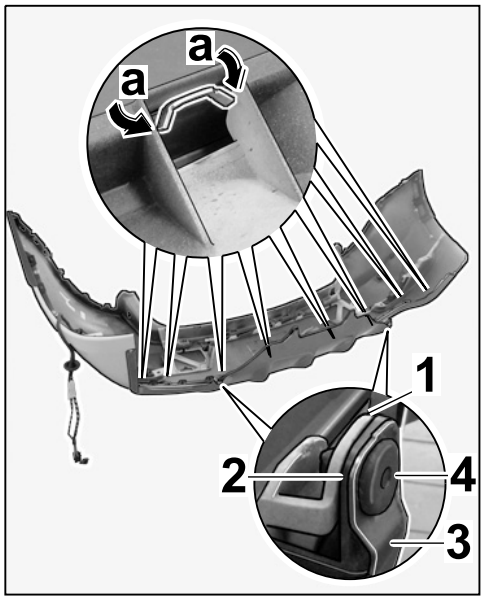

Figure 9

3.9 Pull film ⇒*Figure 10* **-Arrow-** off the stainless steel rear panel and clean the stainless steel rear panel with isopropanol (commercially available).

3.10 Install rear apron. ⇒*Workshop Manual '2X00IN Removing and installing rear apron'*

3.11 Update vehicle data.

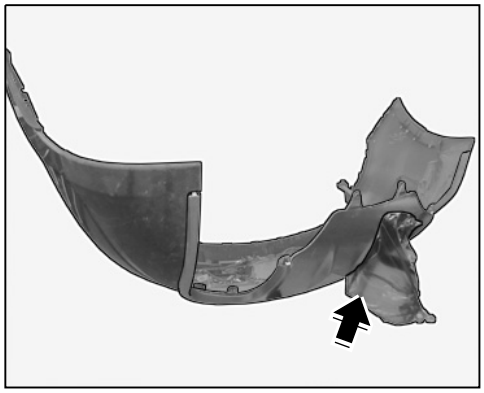

Figure 10

NOTICE

Voltage drop

- **Risk of irreparable damage to control unit**
- **Risk of damage to control unit**
- **Fault entries in the control unit**
- **Coding in the control unit is aborted**
- **Malfunctions in control unit, even during programming**

⇒ **Prior to disconnecting the control unit, switch off ignition and remove ignition key.**

⇒ **Ensure that the power supply is not interrupted during programming.**

⇒ **Connect a battery charger with a current rating of at least 90 A to the vehicle battery.**

Information

The **PIWIS Tester** instructions take precedence since the description may be different with later Tester releases.

The procedure described here has been structured in general terms. Different text or additional information may appear on the **PIWIS Tester**.

3.11.1 **9900 - PIWIS Tester 3** must be connected before switching on the ignition.

3.11.2 Select vehicle type. PIWIS Tester II Diagnostics starts.

3.11.3 Select Additional menu by pressing •F7 “ . Press •F11 “ to confirm the question "Create vehicle analysis log (VAL)?".

3.11.4 Select "Maintenance of vehicle data" function.

Press •F12 “ until "PR numbers" appears in the Value group column.

3.11.5 Select "Bumper" in the Family column.

3.11.6 Open the sub-menu in the Value column and select "2JC – Comfort bumper (front trim)". Press •F12 “ to continue.

3.11.7 A table containing the values to be changed appears.

Save the values by pressing •F8 “ .

Wait until the message "Generation of vehicle data is complete....." appears.

3.11.8 Press •F12 “ to switch to Report management.

Open the log by pressing •F10 “ and check whether vehicle equipment "2JC – Comfort bumper (front trim)" is entered. Close the log.

3.11.9 Read out the fault memory of all systems, correct any existing faults, and erase the fault memory. ⇒*Workshop Manual '033500 Fault memory for on-board diagnosis'*

3.11.10 Switch off ignition and disconnect **9900 - PIWIS Tester 3**.

3.12 Disconnect the battery charger. ⇒*Workshop Manual '2X00IN Battery trickle charging'*

63 16 23 00: Stainless steel skid plate installed — Labor time: **248 TU**
Includes: Removing and installing front apron, removing and installing front spoiler.

63 56 23 00: Installing stainless steel rear panel — Labor time: **173 TU**
Includes: Removing and installing rear apron and standard rear panel