Stainless steel skid plate (2JC)

Situation: **Retrofitting**

Model Year: **As of 2014 up to 2018**

Restriction:
- **NOT** for Macan Turbo
- **NOT** together with SportDesign package (I-no. 2D1/2D2/2D5/2D6)

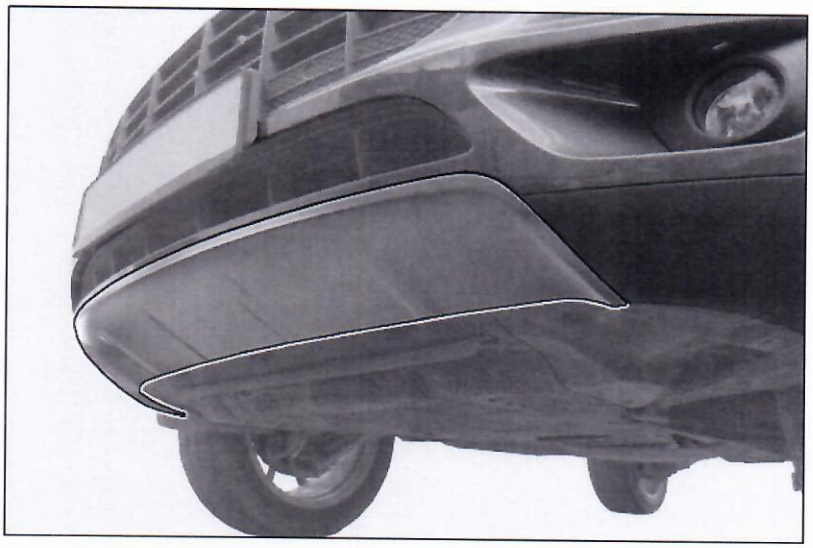

Figure 1

Note: The stainless steel skid plate (⇒ *Figure 1*) gives the Macan a customised 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)".

Part Nos.:

95B.807.833.6M7	⇒ Stainless steel skid plate, set for basic vehicles

Also order the following parts **ONLY** for vehicles with "Bumper with on-road front end – (2JU)":

95B.825.101.A 1E0	CW underside panel, left
95B.825.102.A 1E0	CW underside panel, right
95B.807.061.A 1E0	Front spoiler with cut-out for stainless steel plate

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

Tools: **9900 - PIWIS Tester 3**

Assembly:

1 Preparatory work.

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

1.2 Remove front apron (⇒ *Workshop Manual '631519 Removing and installing front apron*).

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

1 – Front spoiler
2 – Front apron

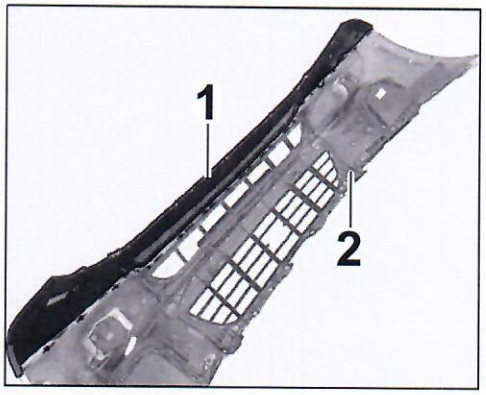

Figure 3

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).

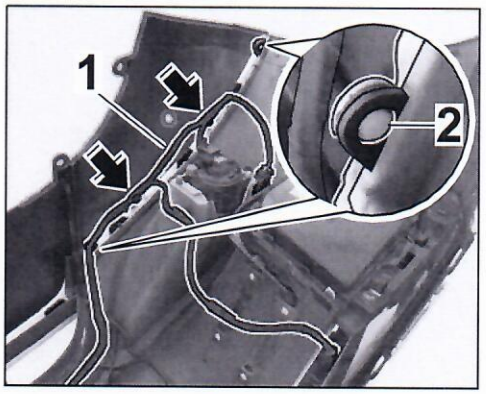

Figure 4

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

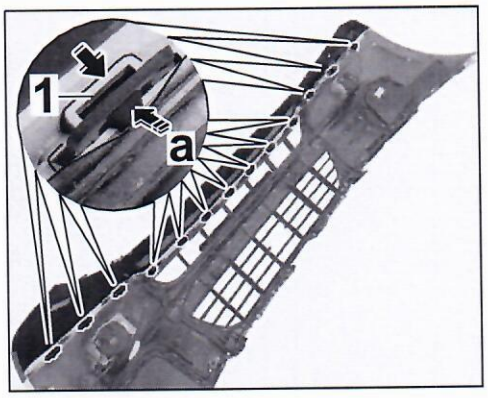

Figure 5

⚠ CAUTION

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

- **Risk of damage to electric lines**
- **Risk of damage to components**
- **Risk of damage to lacquered surfaces**

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

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

⚠ CAUTION

Pointed or sharp objects

- **Risk of cracks, pricks or cuts**

⇒ **Wear personal protective gear.**

2 Fit 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

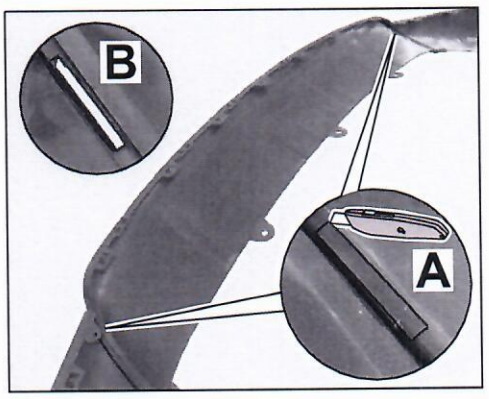

Figure 6

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.

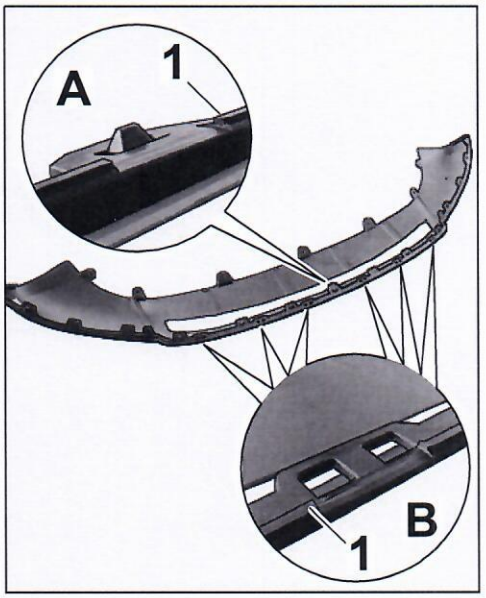

Figure 7

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-**).

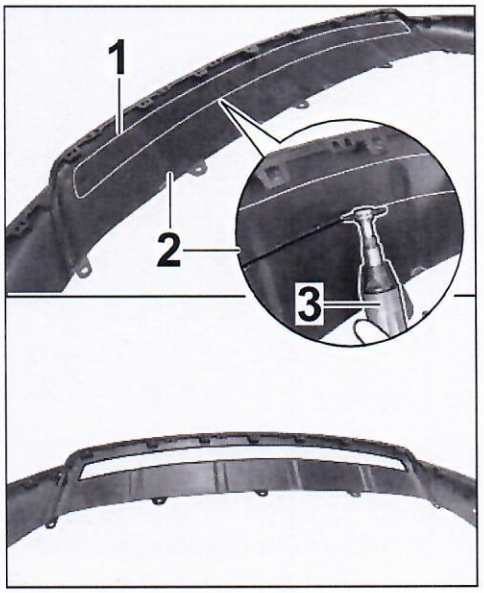

Figure 8

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

Information

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

2.3 Fit 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.

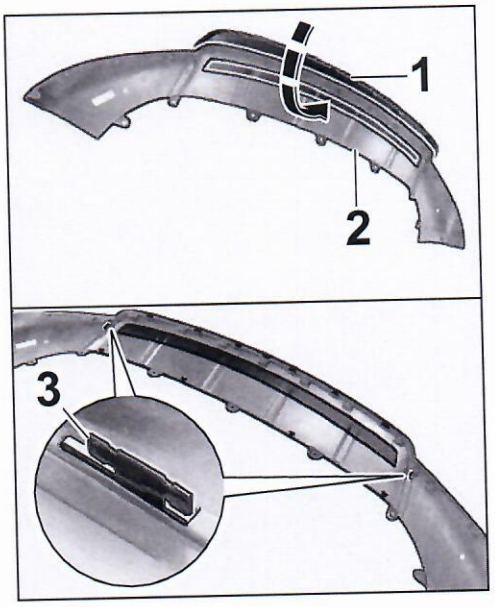

Figure 9

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-**).

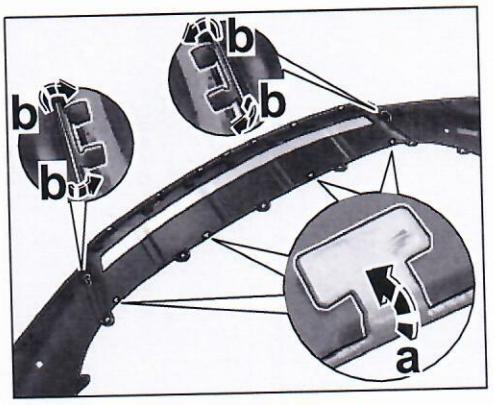

Figure 10

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

2.5 Fit the front spoiler on the front apron.

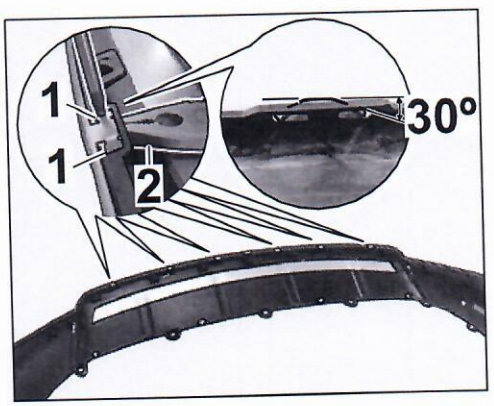

Figure 11

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

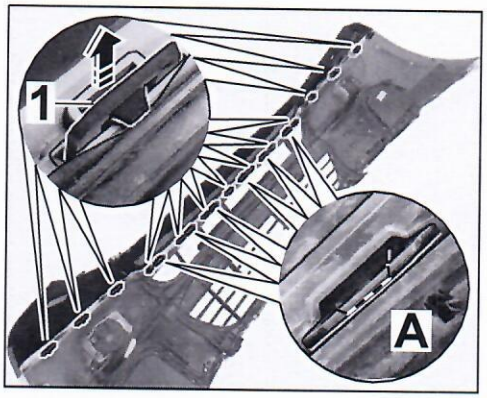

Figure 12

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

1 – Wire harness in front apron

2 – Expansion rivet

2.5.3 Fit 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.

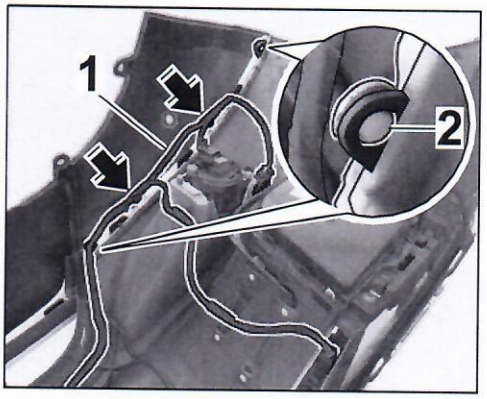

Figure 13

3 Concluding work

3.1 Install front apron. ⇒ *Workshop Manual '631519 Removing and installing front apron'*

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 **9900 - PIWIS Tester 3** 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 in **9900 - PIWIS Tester 3**.

3.2 Maintenance of vehicle data.

3.2.1 **9900 - PIWIS Tester 3** must be connected before switching on the ignition.

3.2.2 Select the required vehicle type. PIWIS Tester II Diagnostics starts.

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

3.2.4 Select "Maintenance of vehicle data" function.

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

3.2.5 Select "Bumper" in the Family column.

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

3.2.7 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.

3.2.8 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.

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

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

3.3 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.