

Painted Exterior Package (PES)

Vehicle Type: **Macan / Macan T / Macan S**

Model Year: **As of 2022**

Restriction: **ONLY** approved for vehicles with production date from calendar week 40 / 2021!

Reason: **Retrofitting**



Information



Figure 1

Notices: The Exterior package (⇒ *Figure 1*) further emphasizes the sporty nature of the Macan. The Exterior package comprises the following components:

- Nose panel
- New paint-ready door trim panels
- New paint-ready rear spoiler
- SportDesign side skirts
- Front and rear apron

The components have been tested and approved in combination. Installing individual components is not permitted or approved!

The above scope is also available from the factory for new vehicles by requesting optional equipment Exterior package painted in exterior color and High-gloss Black (PES).

For **I-no. PES**, we recommend the following paint finish:

- High-gloss Black (041): Nose panel, door trim panels.
- Exterior color: Roof spoiler, SportDesign side skirts, front and rear lower parts.



Information

The SportDesign exterior mirrors are **not** included in delivery! Please order the following separately according to vehicle equipment.

Available part numbers can be found in the EQUIPMENT catalogue or the Porsche Electronic Parts Catalogue (PET).

Parts Info: Vehicle **WITHOUT** camera (KA2) / camera and Surround View (KA6):

- 95B.044.870** ⇒ Exterior package, set –ECE / USA / RoW–
95B.044.870.B ⇒ Exterior package, set –USA– Vehicle with trailer hitch

Vehicle **WITH** camera (KA2) / camera and Surround View (KA6):

- 95B.044.871** ⇒ Exterior package, set –ECE / USA / RoW–
95B.044.871.B ⇒ Exterior package, set –USA– Vehicle with trailer hitch

Also order separately:

- 95B.898.056** 1 x ⇒ Mounting parts for rear spoiler, set

Parts List:

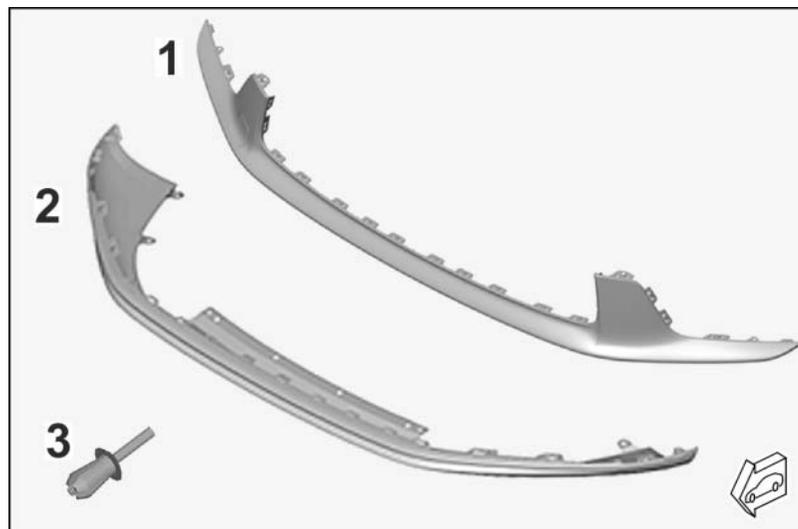


Figure 2

Parts included for front (⇒ Figure 2):

- 95B.827.555** 1 x Nose panel, prime-coated ⇒ Figure 2-1-

95B.805.903.D	1 x	Front spoiler, prime-coated ⇒ <i>Figure 2-2-</i>
PAF.038.501	4 x	Expansion rivet A6.0 x 12.0 ⇒ <i>Figure 2-3-</i>

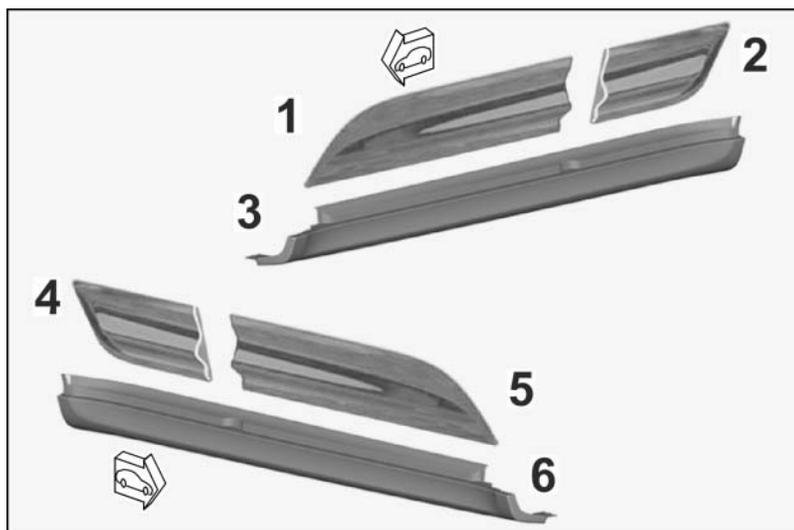


Figure 3

Parts included for middle (⇒ *Figure 3*):

95B.898.561.F	1 x	Front left door trim panel, prime-coated ⇒ <i>Figure 3-1-</i>
95B.898.565.E	1 x	Rear left door trim panel, prime-coated ⇒ <i>Figure 3-2-</i>
95B.854.883.A .G2X	1 x	Left side skirt, prime-coated ⇒ <i>Figure 3-3-</i>
95B.898.566.E	1 x	Rear right door trim panel, prime-coated ⇒ <i>Figure 3-4-</i>
95B.898.562.F	1 x	Front right door trim panel, prime-coated ⇒ <i>Figure 3-5-</i>
95B.854.884.A .G2X	1 x	Right side skirt, prime-coated ⇒ <i>Figure 3-6-</i>
95B.837.743	2 x	Set of double-sided adhesive tape, (not shown)

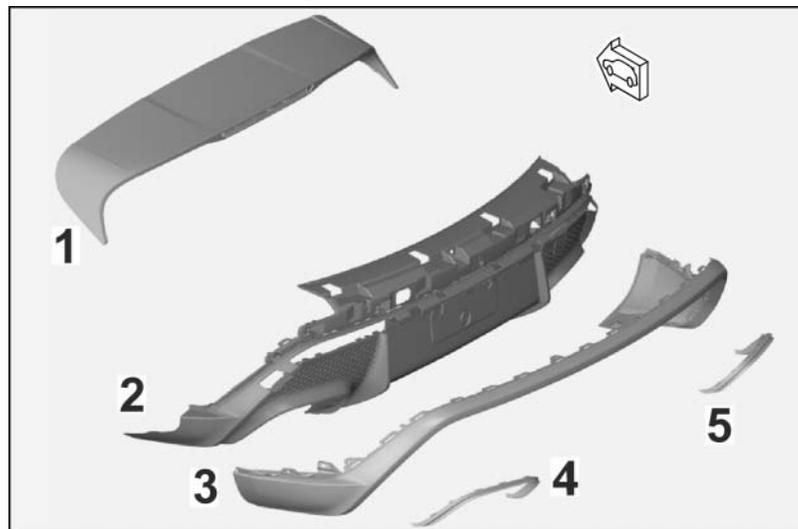


Figure 4

Parts included for rear (⇒ Figure 4):

95B.827.934.D .G2X	1 x	Rear spoiler, prime-coated ⇒ Figure 4-1-
95B.807.834.AC.OK1 ¹	1 x	Rear skirt, Matt Black (1D0 / 1D7 / 1D8 / 6W1 / 6W2 / 6W3 / ECE / NAR) ⇒ Figure 4-2-
95B.807.834.AD.OK1 ¹	1 x	Rear skirt, Matt Black (1D3, not shown)
95B.807.834.AE.OK1 ¹	1 x	Rear skirt, Matt Black (1D6, not shown)
95B.807.580. .G2X ¹	1 x	Rear panel, prime-coated (KA0) ⇒ Figure 4-3-
95B.807.580.A .G2X ¹	1 x	Rear panel, prime-coated (KA2 / KA6, not shown)
95B.807.811. .OK1	1 x	Tailpipe cover, Matt Black ⇒ Figure 4-4-
95B.807.812. .OK1	1 x	Tailpipe cover, Matt Black ⇒ Figure 4-5-
PAF.038.501	2 x	Expansion rivet A6 x 12 (not shown)

¹ Depending in respective set



Information

ONLY in the event of repairs/replacement:

Items **WITHOUT** a part number in the parts list can be found/ordered from the Porsche Electronic Parts Catalog = PET.

Check model year and vehicle equipment (I-no.) in the standard catalog!

Materials: ——— Micro-fiber cloth (commercially available)
 ——— Betaclean 3350 / isopropanol (commercially available)

- Tools:
- 9900 - PIWIS Tester 3**
 - Polyoxymethylene wedge (POM wedge, commercially available)
 - Soft-head hammer (commercially available)
 - Flashlight

Installation: 1 Preparatory work



Painting components

- Risk of warping of components
 - Risk of damage to components
- ⇒ Observe the guidelines and instructions for painting components in the "Paint" Workshop Manual.
- ⇒ Always place parts without tension on the painting devices provided during painting and drying processes.

- 1.1 Paint all prime-coated parts as described in the paint recommendation (I-no. Paint PES) in accordance with the Paint Manual.
- 1.2 Drive vehicle onto lifting platform. ⇒ *Workshop Manual '4X00IN Lift vehicle'*
- 1.3 Connect battery charger. ⇒ *Workshop Manual '2X00IN Battery trickle charging'*
- 1.4 Remove rear spoiler. ⇒ *Workshop Manual '665819 Removing and installing rear spoiler'*

2 Modifying front apron

2.1 Remove front apron. ⇒ *Workshop Manual '631519 Removing and installing front apron'*

2.2 Remove nose panel (⇒ *Figure 5*). ⇒ *Workshop Manual '631619 Removing and installing nose panel'*

- 1 – Nose panel
- 2 – Front apron

2.3 Remove front spoiler. ⇒ *Workshop Manual '660319 Removing and installing front spoiler'*



Information

Check fixing clips. They must not be bent or broken.

Make sure that all locking lugs have engaged correctly.

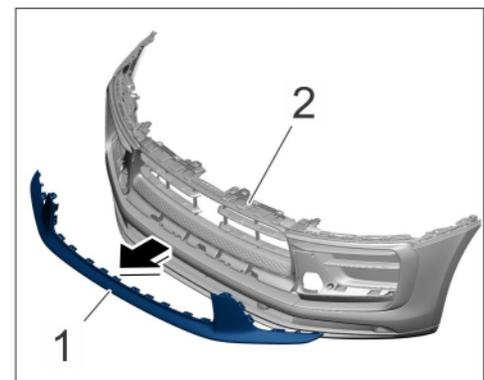


Figure 5

Check that they are installed correctly.

- 2.4 Install new painted front spoiler on front apron and secure with expansion rivets A6.0 x 12.0 (4 x). ⇒ *Workshop Manual '660319 Removing and installing front spoiler'*

Inspect visible gap width all the way around and correct if necessary.



Information

Check fixing clips. They must not be bent or broken.

Make sure that all locking lugs have engaged correctly.

Check that they are installed correctly.

- 2.5 Install new painted nose panel on the front apron. ⇒ *Workshop Manual '631619 Removing and installing nose panel'*

Inspect visible gap width all the way around and correct if necessary.

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

3 Modifying side skirts

- 3.1 Remove rear (left / right) door. ⇒ *Workshop Manual '585119 Removing and installing rear door'*

- 3.2 Remove side skirts and install painted SportDesign side skirts. ⇒ *Workshop Manual '663119 Removing and installing entrance panel'*

- 3.3 Install rear (left / right) door. ⇒ *Workshop Manual '585119 Removing and installing rear door'*

4 Modifying door trim panels

- 4.1 Replace front door cover with new painted covers. ⇒ *Workshop Manual '662219 Removing and installing front door cover'*

- 4.2 Replace rear door cover with new painted covers. ⇒ *Workshop Manual '664219 Removing and installing rear door cover'*

- 5 **ONLY** for vehicles WITHOUT SportDesign exterior mirrors in Black (High-gloss = 6FJ): Modify exterior mirrors. ⇒ *Workshop Manual '668937 Disassembling and assembling rear-view mirror'*

6 Modifying rear apron

- 6.1 Remove rear apron. ⇒ *Workshop Manual '635519 Removing and installing rear apron'*

- 6.2 Remove rear skirt. ⇒ *Workshop Manual '636819 Removing and installing rear skirt'*

**Information**

Check fixing clips. They must not be bent or broken.

Make sure that all locking lugs have engaged correctly.

Check that they are installed correctly.

- 6.3 Install new painted rear panel on new rear skirt. ⇒ *Workshop Manual '635619 Removing and installing rear panel'*

Inspect visible gap width all the way around and correct if necessary.

**Information**

Check fixing clips. They must not be bent or broken.

Make sure that all locking lugs have engaged correctly.

Check that they are installed correctly.

- 6.4 Install new rear skirt with installed rear panel in rear apron. ⇒ *Workshop Manual '636819 Removing and installing rear skirt'*

Inspect visible gap width all the way around and correct if necessary.

- 6.5 **ONLY** for vehicles with reversing camera (KA2 / KA6):

Modify reversing camera ⇒ *Workshop Manual '914319 Removing and installing reversing camera'*

- 6.6 Install reversing light (left / right). ⇒ *Workshop Manual '947419 Removing and installing reversing lights'*

Inspect visible gap width all the way around and correct if necessary.

- 6.7 Install number plate light. ⇒ *Workshop Manual '942919 Removing and installing number plate light'*

- 6.8 Install new tailpipe cover trim frames (left / right) on the new rear skirt. ⇒ *Workshop Manual '637019 Removing and installing tailpipe cover trim frame'*

- 6.9 Install rear apron. See ⇒ *Workshop Manual '635519 Removing and installing rear apron'*

- 7 Modify rear spoiler ⇒ *Workshop Manual '665855 Replacing rear spoiler'*

- 7.1 Remove additional brake light. ⇒ *Workshop Manual '947019 Removing and installing auxiliary brake lights'*

- 7.2 Remove rear spoiler. ⇒ *Workshop Manual '665819 Removing and installing rear spoiler'*

- 7.3 Modify spray nozzle for rear window washer system and additional brake light. ⇒ *Workshop Manual '929419 Removing and installing rear window wiper system spray nozzle'*

- 7.4 Install new rear spoiler. ⇒ *Workshop Manual '665819 Removing and installing rear spoiler'*

- Coding: 8 Enter Exterior package in exterior color and High-gloss Black (PES) in the vehicle data
- 8.1 Preparatory work – Coding

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
- ⇒ Switch off the ignition and remove the ignition key before disconnecting the control unit.
- ⇒ Ensure that the power supply is not interrupted during programming.
- ⇒ Connect a battery charger with a current rating of at least Nominal value 90 A to the vehicle battery.

NOTICE

Control unit programming will be aborted if the Internet connection is unstable.

- An unstable Internet connection can interrupt communication between PIWIS Tester III and the vehicle communication module (VCI). As a result, control unit programming may be aborted.
- ⇒ During control unit programming, always connect PIWIS Tester III to the vehicle communication module (VCI) via the USB cable.

8.1.1 Connect **9900 - PIWIS Tester 3** to the vehicle and switch on.

8.1.2 Switch on ignition **AND** hazard warning lights on the vehicle.

**Information**

The **9900 - PIWIS Tester III** 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 additions may appear on the **9900 - PIWIS Tester III**.

8.1.3 In the PIWIS Tester, select "Diagnostics" from menu.

8.1.4 If **9900 - PIWIS Tester 3** is connected correctly, a link to the vehicle will be established: "Macan model line" is detected.

8.2 Enter the vehicle equipment into the vehicle data

- 8.2.1 Press •F7" in control unit overview to switch to "Additional menu".
Question "Should a Vehicle Analysis Log (VAL) be created?" Press •F12" to confirm.
- 8.2.2 Select "Vehicle data maintenance". Press •F12" until "PR numbers" appears in the Value group column.
- 8.2.3 Look for the options listed below in the "Family" column.

Check the value and select a new value from the drop-down menu if necessary.

Family	Value
Trim CD value	2D7 = rear end painted in exterior color
Bumper	2JQ = nose in WF, nose panel in Black
Rear spoiler	5J2 = rear spoiler in vehicle color
Component with special surface / contrast color	6FJ = exterior mirror base painted Black
Design door covers (Attachments with coated surfaces)	6H5 = door design trims in High-gloss Black
Impact protection measures	VR4 = sill design (Sport Design package)

- 8.2.4 Press •F12" to continue. A table containing coding values (old and new values) is displayed in the overview.
- 8.2.5 Press •F8" to continue. Data is written / stored.
- 8.2.6 Wait for message "Creation of vehicle data has been completed" to be displayed. Press •F12" to go to Report management.
- 8.2.7 Press •F10" to open log. Check that the selected vehicle equipment has been entered and close log.
- 8.3 Code / program new vehicle equipment.
 - 8.3.1 Select **ALL** control units (•CTRL+A") in the control unit overview and switch to "Coding / programming" column.
 - 8.3.2 In coding mode, select "Automatic coding". Press •F12" to continue.
 - 8.3.3 Once "Automatic coding" is complete, "Coding successfully completed. Press •F12" to continue" appears in the header.
Switch to the control unit overview.
- 8.4 Read out error memories of all systems, remedy any existing errors and erase the error memory. ⇒ *Workshop Manual '0X03IN Diagnostics maintenance: Diagnostic system and maintenance inter...'*

- 8.5 Switch off ignition and disconnect **9900 - PIWIS Tester 3**.
- 8.6 Disconnect the battery charger. ⇒ *Workshop Manual '2X00IN Battery trickle charging'*

51 01 71 05: –Body painting prepared– Labor time: **130 TU**
Includes: Order-related
Painting new parts, step 1
Plastic part

66 99 61 51: –Exterior package painted in exterior color and in High-gloss Black (1 x) completely painted new part– Labor time: **360 TU**
Includes: Painting new parts, step 1:
Paint nose panel, front spoiler, door panels, side skirts, rear panel and roof spoiler.
Materials: 26 MU

66 99 23 10: –Exterior package (painted) installed– Labor time: **815 TU**
Includes: Modify front apron;
Remove rear door (left / right), modify side skirts, install door, rear (left / right), modify door trim panels;
Modify rear apron and roof spoiler;
Coding of exterior package scope, function test;
Read out error memory, remedy and erase errors.

ONLY for vehicles **WITHOUT** SportDesign exterior mirrors in Black (High-gloss = 6FJ)):

66 89 37 11: Disassembling and assembling rear-view mirror Labor time: **138 TU**

66 89 37 12: Disassembling and assembling rear-view mirror Labor time: **138 TU**

66 79 61 51: Painting new rear-view mirror housing Labor time: **20 TU**
Includes: Upper part

66 79 61 61: Painting new rear-view mirror housing Labor time: **20 TU**
Includes: Lower part

66 79 61 71: Painting new rear-view mirror housing Labor time: **20 TU**
Includes: Mirror base

ONLY for vehicles with Lane Change Assist / Lane Keep Assist (7Y2 / 7Y3 / 7Y7):

97 70 25 53: Program Lane Change Assist control unit; Labor time: **47 TU**
Includes: Measure calibration plate on the vehicle.

ONLY for vehicles with Surround View (8A4):

91 72 25 50: Program Surround View camera control unit

Labor time: **62 TU**

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