

WPQ1 - Checking Top Door Hinges (Body Side) and Reworking if Necessary (Workshop Campaign)

Model Line: **911 (992)**

Model Year: **2023**

Concerns: **Top door hinge (on body side)**

Cause: **Due to a supplier error, there is the possibility that door hinges (on the body side) with a reduced bore depth for receiving the door hinges (on the door side) have been installed at the top of the affected vehicles.**

This can lead to incorrect gap dimensions between the door and the vehicle body.

Action: Check the top door hinges (body side) **at the left and right** and rework them if necessary.

Affected Vehicles: Only the vehicles assigned to campaign (see also PCSS Vehicle Information).

Required parts and materials

Parts Info:	Part No.	Designation - Location	Quantity
	PAF008485	⇒ M6 x 12 hexagon-head bolt - Door hinge (body side) on door hinge (door side)	4 pieces
		or	
		Only for vehicles with the following equipment: RS version (M-No. E1T)	
	N 10759101	⇒ M6 x 12 hexagon-head bolt - Door hinge (body side) on door hinge (door side)	4 pieces

Material: **Required materials as needed** (usually already available in the Porsche Center):

- Corrosion protection wax (commercially available), e.g., part number: 00004330551 *
- Corrosion protection paint (commercially available)*
- Clean, lint-free cloth*
- De-greasing cleaning agent*

* For warranty processing, the **part number WPQ10000001** with the designation "Consumable" can be invoiced as an **additional part** in the warranty claim. Maximum cost: \$2.17

Required tools

- Tools:
- Torque wrench, 6-50 Nm (4.5-37 ftlb.), e.g., **V.A.G 1331A - torque spanner, 6-50 Nm (4.5-37 ftlb.)**
 - Suitable mounting stand for door, e.g., **VAS 5238A - door mounting aid**
 - Cordless or hand drill
 - Commercially available body brush (approx. 10 mm/ 0.39 in wide)
 - Commercial industrial vacuum cleaner
 - **Required set:**



Information

Procurement campaign tool

In order to be able to check and rework the door hinges (on body side), a special test pin and special drill are required. These can be obtained in a tool set from the **TKR Automotive GmbH online shop**.

Only **one** tool set is provided for each affected Porsche Center. Therefore, **only one tool set** may be ordered for each affected Porsche Center.

The link for the online shop is:

<https://www.tkr-connector.com>

The set consists of **two** special drills and **one** test pin:

Please read the following information about processing the campaign:

- If the tool set was ordered on account, the invoice to TKR Automotive GmbH must be paid within the 14-day payment period.
- In each Porsche Center, the tool set must only be invoiced **once** for the first vehicle during **warranty processing**. Only the required **materials and labor time** need to be invoiced in the campaign claim for the remaining vehicles in the Porsche Center.
- For warranty processing, the **part number WPQ10000002** with the designation "tool set" can be invoiced as an **additional part** in the warranty claim. Amount \$50.61.
- The shipping costs need to be invoiced once only for the first vehicle during warranty processing by specifying **part number WPQ10000003** with the designation "Shipping costs" as an **additional part** and using the amount as per invoice. Only materials and labor time need to be invoiced in the warranty claim for all other vehicles.



Tool set

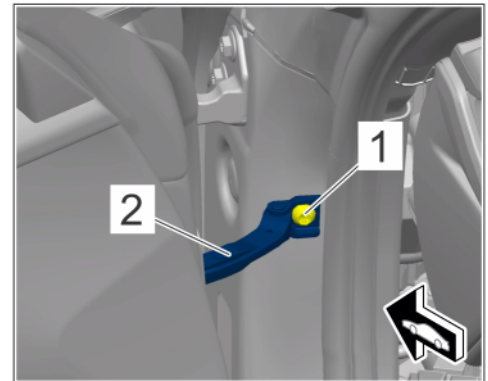
Preparatory work



Information

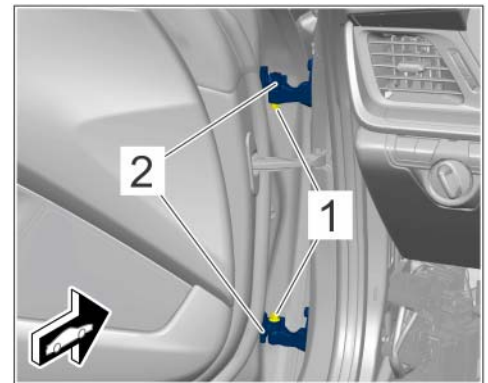
The procedure is shown as an example on the **left** side of the vehicle. The procedure on the right side is identical.

- 1 Unscrew screw ⇒ *Unscrewing screw on door arrester -1-* on door arrester ⇒ *Unscrewing screw on door arrester -2-*.



Unscrewing screw on door arrester

- 2 Unscrew screws ⇒ *Unscrewing screws on door hinge -1-* on door hinge ⇒ *Unscrewing screws on door hinge -2-*.



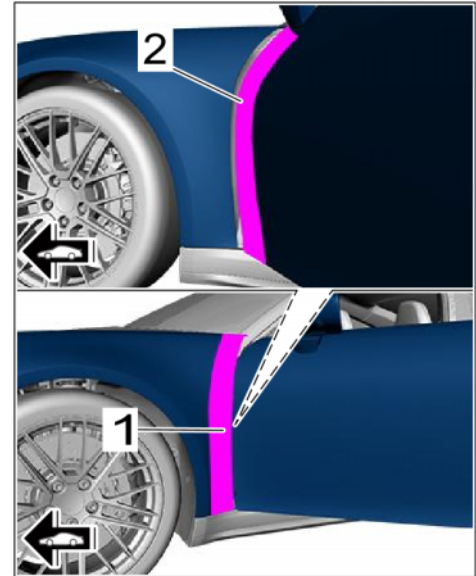
Unscrewing screws on door hinge

- 3 Secure wing edge ⇒ *Bonding wing edge and door -1-* and edging on door ⇒ *Bonding wing edge and door -2-* in ⇒ *Bonding wing edge and door -Marked area-* using fabric tape.



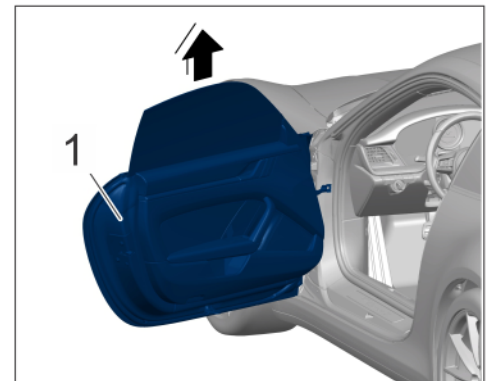
Information

Get another person to help during removal and installation.



Bonding wing edge and door

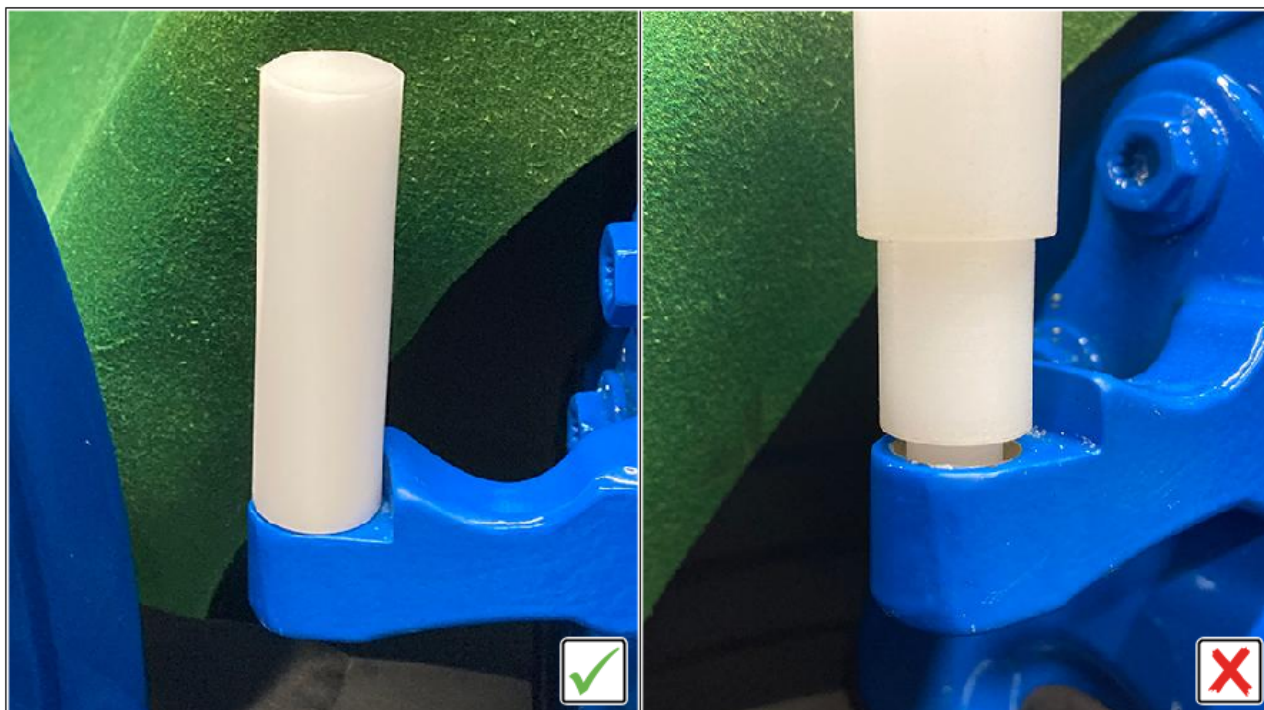
- 4 Lift door ⇒ *Lifting door -1-* in ⇒ *Lifting door -Arrow direction-* until the door-side hinge halves are extended, position it on **VAS 5238A - door mounting aids** or suitable mounting stands and secure it. Make sure that the wire harness for the door is not overtightened.



Lifting door

Checking top door hinges (on body side)

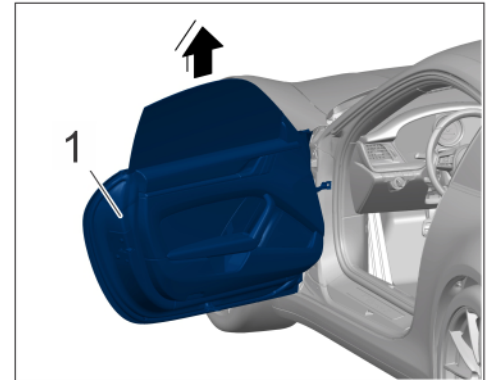
- Work Procedure: 1 Insert the test pin into the bore of the door hinge (on body side) at the top.
- 2 Visually inspect the area between the test pin and the door hinge collar (on body side) at the top for the air gap.



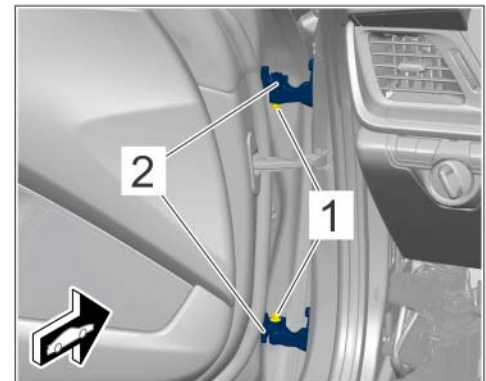
Checking top door hinges (on body side)

Assessment		Action
(✓)	No air gap can be detected between the test pin and the door hinge (body side) collar at the top right and left side.	Continue with Step 3. [Scope 1 or 2]
(✗)	An air gap can be detected between the test pin and the door hinge (body side) collar at the top of one or both sides of the vehicle.	Continue with ⇒ <i>Technical Information 'Reworking door hinges (body side)'</i> One hinge: [Scope 3 or 4] Two hinges: [Scope 5 or 6]

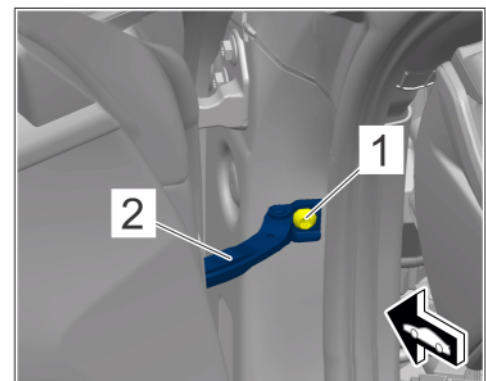
- 3 Position door \Rightarrow *Positioning door -1-*.
 - 3.1 Loosen door \Rightarrow *Positioning door -1-* from assembly aid.
 - 3.2 Insert door \Rightarrow *Positioning door -1-* into door hinges (body side) \Rightarrow *Positioning door -direction opposite to arrow-*.

*Positioning door*

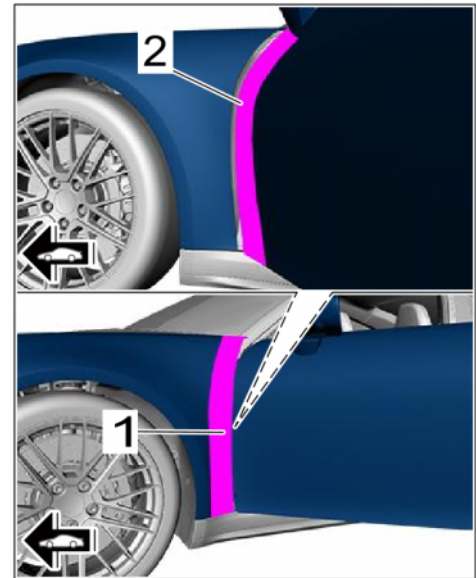
- 4 Install **new** screws \Rightarrow *Securing door -1-* and tighten to **Tightening torque 13 Nm (9.6 ftlb.)**.

*Securing door*

- 5 Install screw \Rightarrow *Securing door arrester -1-* and tighten with **Tightening torque 33 Nm (24.3 ftlb.)**.

*Securing door arrester*

- 6 Remove the fabric tape and clean the door and wing of adhesive residue.



Removing adhesive on edges

Reworking top door hinges (on body side)

⚠ WARNING

Risk of damage or injury from debris flying around during grinding, drilling and milling

- Risk of eye injuries
- ⇒ Wear protective goggles.

⚠ WARNING

Toxic substances

- Danger of poisoning or suffocation
- ⇒ Ventilate the work area well.
- ⇒ Never ingest or inhale.
- ⇒ Read specific information on the Hazard Sheet.
- ⇒ Wear personal protective gear.

⚠ WARNING

Highly flammable or explosive materials

- Danger of fire or explosion
- ⇒ Avoid contact with hot parts or sources of ignition.
- ⇒ Use suction to remove ignitable vapors.
- ⇒ Attach warning sign in a clearly visible position.

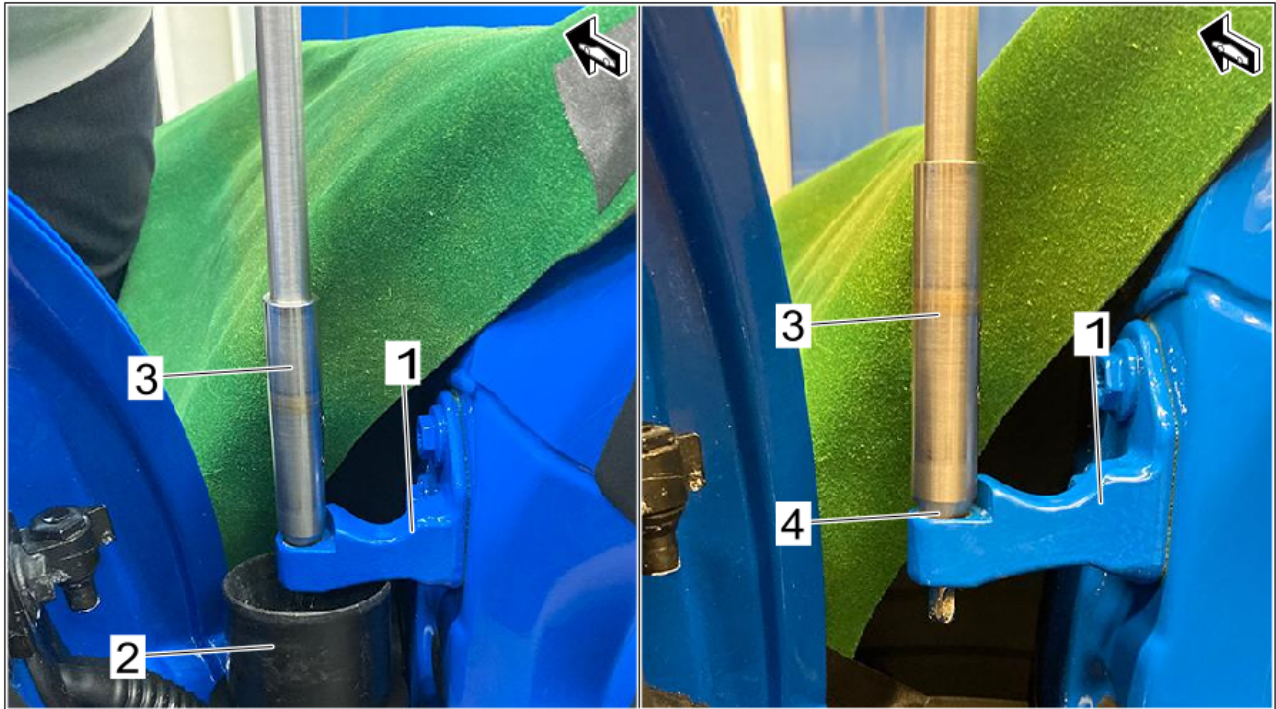
Work
Procedure:



Information

Get another person to help for drilling work.

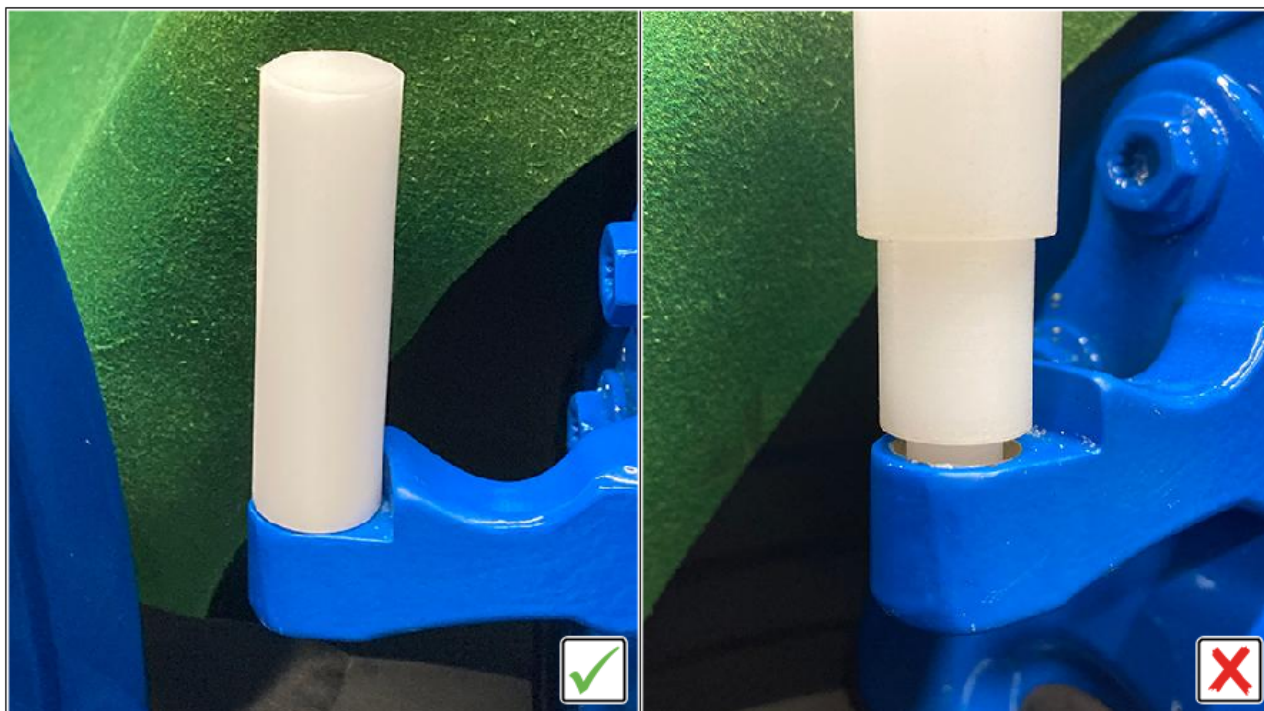
- 1 Re-drill top door hinge (on body side) ⇒ *Reworking top door hinge (on body side)-1-*.



Reworking top door hinge (on body side)

- 1.1 Position vacuum cleaner tube ⇒ *Reworking top door hinge (on body side)-2-* below the door hinge (on body side) at top ⇒ *Reworking top door hinge (on body side)-1-* and switch on the vacuum cleaner.
- 1.2 Carefully insert special drill ⇒ *Reworking top door hinge (on body side)-3-* into the bore on the door hinge (body side) at top ⇒ *Reworking top door hinge (on body side)-4-* and re-drill. Repositioning the drill several times to remove chips.
- 1.3 Repeat the process until the taper of special drill ⇒ *Reworking top door hinge (on body side)-3-* is correctly seated in top door hinge (on body side) ⇒ *Reworking top door hinge (on body side)-1-*.

- 2 Visually inspect area between test pin ⇒ *Checking top door hinges (on body side)-1-* and the door hinge collar (on body side) at top ⇒ *Checking top door hinges (on body side)-2-* for air gap ⇒ *Checking top door hinges (on body side)-Arrows-* again.



Checking top door hinges (on body side)

Assessment		Action
(✓)	No air gap can be detected between the test pin and the door hinge (body side) collar at the top right and/or left side.	Continue with Step 2.
(x)	An air gap can be detected yet between the test pin and the door hinge (body side) collar at the top right and/or left side.	Repeat step 1.



Information

Observe the drying time and safety data sheet for the corrosion protection paint.

- 3 Seal bore ⇒ *Sealing bore.*
 - 3.1 Apply corrosion protection paint inside the bore and allow to air out.
 - 3.2 Catch corrosion protection paint coming out of the bore hole.

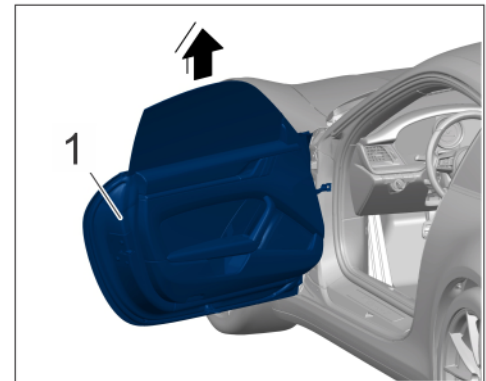
**Information**

Get another person to help during removal and installation.



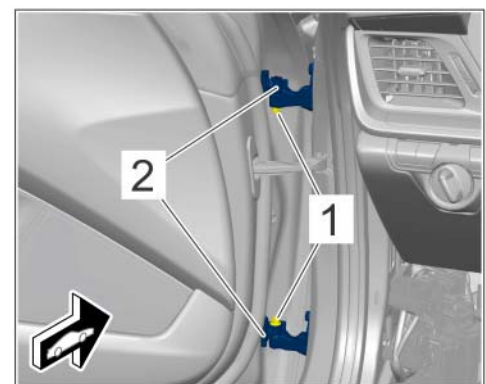
Sealing bore

- 4 Position door ⇒ *Positioning door-1-.*
 - 4.1 Loosen the door from the **VAS 5238A - door mounting aid.**
 - 4.2 Insert door ⇒ *Positioning door-1-* into door hinges (body side) ⇒ *Positioning door -direction opposite to arrow-*.



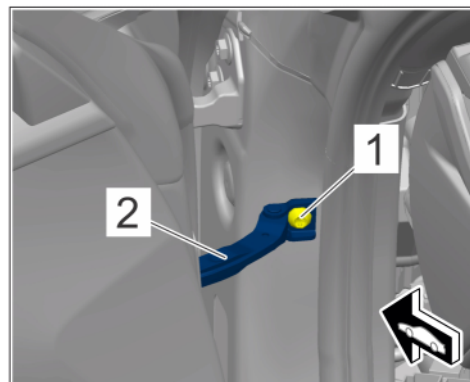
Positioning door

- 5 Install **new** screws ⇒ *Securing door-1-* and tighten to **Tightening torque 13 Nm (9.6 ftlb.)**.



Securing door

- 6 Screw in screw ⇒ *Securing door arrester -1-* on door arrester ⇒ *Securing door arrester -2-* and tighten with **Tightening torque 33 Nm (24.3 ftlb.)**.



Securing door arrester

- 7 Seal the door hinges.
 - 7.1 Coat the connection of the top door hinge **and** the connection of the bottom door hinge on screw connections ⇒ *Sealing door hinges* with corrosion protection wax.
 - 7.2 Remove excess corrosion protection wax with a cloth.



Sealing door hinges

- 8 Carry out a function test on the door.
 - 8.1 Carefully close the door and check that the striker pin is positioned correctly with respect to the lock.
 - 8.2 If necessary, adjust the striker pin as required.
- 9 Enter the campaign in the Warranty and Maintenance logbook.

Warranty processing

Scope 1: **Checking top door hinges (on body side) at the right and left**

Valid for vehicles with the following equipment:

- **without RS version (M-No. E1T)**

Labor time:

Checking top door hinges (on body side) at the right and left
 Includes: Removing and installing right door
 Removing and installing left door

Labor time: **110 TU**

Required parts:

PAF008485 M6 x 12 hexagon-head bolt 4 pieces

⇒ **Damage Number WPQ1 066 000 1**

Scope 2:

Checking top door hinges (on body side) at the right and left

Valid for vehicles with the following equipment:

- **with RS version (M-No. E1T)**

Labor time:

Checking top door hinges (on body side) at the right and left

Labor time: **110 TU**Includes: Removing and installing right door
Removing and installing left door**Required parts:**

N 10759101 M6 x 12 hexagon-head bolt 4 pieces

⇒ **Damage Number WPQ1 066 000 1**

Scope 3:

Checking top door hinges (body side) at right and left and reworking on one side

Valid for vehicles with the following equipment:

- **without RS version (M-No. E1T)**

Labor time:

Checking top door hinges (body side) at right and left and reworking on one side

Labor time: **146 TU**Includes: Removing and installing right door
Removing and installing left door**Required parts:**

PAF008485 M6 x 12 hexagon-head bolt 4 pieces

Required materials:WPQ10000001* Consumables 1 piece
(for warranty invoicing only)

WPQ1000002**	Tool set	1 piece (for warranty invoicing only)
WPQ1000003***	Shipping costs	1 piece (for warranty invoicing only)
<p>* For warranty processing, enter part number WPQ10000001 with the designation "Consumable" as an additional part costing \$2.17 in the warranty claim.</p> <p>**In each Porsche Center, the tool set must only be invoiced once for the first vehicle during warranty processing. For warranty processing, the part number WPQ10000002 with the designation "tool set" can be invoiced as an additional part in the warranty claim. Amount \$50.61.</p> <p>*** The shipping costs must only be invoiced once for the first vehicle during warranty processing by specifying part number WPQ10000003 with the designation "Shipping costs" as an additional part and using the amount as per invoice. Please document a copy of the invoice for this in the warranty claim. Only the part and labor time need to be invoiced in the warranty claim for all other vehicles.</p> <p>⇒ Damage Number WPQ1 066 000 1</p>		

Scope 4:

Checking top door hinges (body side) at right and left and reworking on one side

Valid for vehicles with the following equipment:

- **with RS version (M-No. E1T)**

Labor time:		
Checking top door hinges (body side) at right and left and reworking on one side		Labor time: 146 TU
Includes:	Removing and installing right door Removing and installing left door	
Required parts:		
N 10759101	M6 x 12 hexagon-head bolt	4 pieces
Required materials:		
WPQ10000001*	Consumables	1 piece (for warranty invoicing only)
WPQ1000002**	Tool set	1 piece (for warranty invoicing only)
WPQ1000003***	Shipping costs	1 piece (for warranty invoicing only)

* For warranty processing, enter part number **WPQ10000001** with the designation "Consumable" as an **additional part** costing \$2.17 in the warranty claim.

In each Porsche Center, the tool set must **only be invoiced once for the first vehicle during **warranty processing**. For warranty processing, the **part number WPQ10000002** with the designation "tool set" can be invoiced as an **additional part** in the warranty claim. Amount \$50.61.

*** The shipping costs must **only be invoiced once for the first vehicle** during warranty processing by specifying **part number WPQ10000003** with the designation "Shipping costs" as an **additional part** and using the amount as per invoice. **Please document a copy of the invoice for this in the warranty claim.** Only the part and labor time need to be invoiced in the warranty claim for all other vehicles.

⇒ **Damage Number WPQ1 066 000 1**

Scope 5: **Checking top door hinges (body side) at right and left and reworking both sides**

Valid for vehicles with the following equipment:

- **without RS version (M-No. E1T)**

Labor time:

Checking top door hinges (body side) at right and left and reworking both sides Labor time: **182 TU**

Includes: Removing and installing right door
 Removing and installing left door

Required parts:

PAF008485	M6 x 12 hexagon-head bolt	4 pieces
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Required materials:

WPQ10000001*	Consumables	1 piece (for warranty invoicing only)
WPQ10000002**	Tool set	1 piece (for warranty invoicing only)
WPQ10000003***	Shipping costs	1 piece (for warranty invoicing only)

* For warranty processing, enter part number **WPQ10000001** with the designation "Consumable" as an **additional part** costing \$2.17 in the warranty claim.

In each Porsche Center, the tool set must **only be invoiced once for the first vehicle during **warranty processing**. For warranty processing, the **part number WPQ10000002** with the designation "tool set" can be invoiced as an **additional part** in the warranty claim. Amount \$50.61.

*** The shipping costs must **only be invoiced once for the first vehicle** during warranty processing by specifying **part number WPQ10000003** with the designation "Shipping costs" as an **additional part** and using the amount as per invoice. **Please document a copy of the invoice for this in the warranty claim.** Only the part and labor time need to be invoiced in the warranty claim for all other vehicles.

⇒ **Damage Number WPQ1 066 000 1**

Scope 6: **Checking top door hinges (body side) at right and left and reworking both sides**

Valid for vehicles with the following equipment:

- **with RS version (M-No. E1T)**

Labor time:

Checking top door hinges (body side) at right and left and reworking both sides Labor time: **182 TU**

Includes: Removing and installing right door
 Removing and installing left door

Required parts:

N 10759101	M6 x 12 hexagon-head bolt	4 pieces
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Required materials:

WPQ10000001*	Consumables	1 piece (for warranty invoicing only)
WPQ1000002**	Tool set	1 piece (for warranty invoicing only)
WPQ1000003***	Shipping costs	1 piece (for warranty invoicing only)

* For warranty processing, enter part number **WPQ10000001** with the designation "Consumable" as an **additional part** costing \$2.17 in the warranty claim.

In each Porsche Center, the tool set must **only be invoiced once for the first vehicle during **warranty processing**. For warranty processing, the **part number WPQ10000002** with the designation "tool set" can be invoiced as an **additional part** in the warranty claim. Amount \$50.61.

*** The shipping costs must **only be invoiced once for the first vehicle** during warranty processing by specifying **part number WPQ10000003** with the designation "Shipping costs" as an **additional part** and using the amount as per invoice. **Please document a copy of the invoice for this in the warranty claim.** Only the part and labor time need to be invoiced in the warranty claim for all other vehicles.

⇒ **Damage Number WPQ1 066 000 1**

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