

WE16 - Replacing Sport Classic Wheel (Workshop Campaign)

Vehicle Type: **911 Turbo (991)/911 Turbo S (991)**

Model Year: **2014**

Concerns: **20-inch Sport Classic wheel (I-no. XRU)**

Information: This is to inform you of a voluntary Workshop Campaign on the above-mentioned vehicles. **The opening for the wheel hub cover on the 20-inch Sport Classic wheel (I-no. XRU) was not machined correctly due to an error during the production process.**

As a result, there is no guarantee that the wheel can be balanced correctly when changing the tire, depending on the wheel balancing machine used. This can result in noticeable vibrations and reduced driving comfort.

Action Required: Replace disc wheel

Affected Vehicles: The VIN(s) can be checked by using PIWIS Vehicle Information link to verify if the campaign affects the vehicle. This campaign is scope specific to the VIN! Failure to verify in PIWIS may result in an improper repair. North America. All customers will receive a mailed notification that WE16 applies to their vehicle and advises them to contact their authorized Porsche dealer/Centre for repair.

Work Procedure: See Attachment "A".

Claim Submission: See Attachment "B".

Parts Info: **NOTE: PARTS WILL NOT BE AUTOMATICALLY ALLOCATED TO YOUR DEALERSHIP. IF YOU REQUIRE PARTS, PLEASE ORDER THEM VIA A PTEC/PAV.**

- Vehicles with 20-inch Sport Classic wheel, **Silver (I-no. 340/XD9)**

Part No.	Designation	Qty.
000.043.110.44	⇒ Disc wheel, 9 J x 20 GT Silver Metallic (I-no. 340/XD9)	2 ea.
000.043.110.45	⇒ Disc wheel, 11.5 J x 20 GT Silver Metallic (I-no. 340/XD9)	2 ea.

955.361.053.00	⇒ Valve for TPM Silver (I-no. UX6)	4 ea.
N 908.729.01	⇒ Valve cap for TPM valve Silver (I-no. UX6)	4 ea.
4D0.601.365	⇒ Fastening screw for TPM valve	4 ea.

- Vehicles with 20-inch Sport Classic wheel, **Black (I-no. XDG)**

Part No.	Designation	Qty.
000.043.110.46	⇒ Disc wheel, 9 J x 20 Black (I-no. XDG)	2 ea.
000.043.110.47	⇒ Disc wheel, 11.5 J x 20 Black (I-no. XDG)	2 ea.
9P1.601.361	⇒ Valve for TPM Black (I-no. UX7)	4 ea.
WHT.006.913	⇒ Valve cap Black (I-no. UX7)	4 ea.
4D0.601.365	⇒ Fastening screw for TPM valve	4 ea.

Materials: Required materials - usually already available in the Porsche dealership:

- Balance stick-on weights, 5 - 90 grams as required; for Part No., see Porsche Electronic Parts Catalog (PET)
- Tire mounting paste, e.g. TIP TOP Universal mounting paste

Wheel balance stick-on weights can be added manually in WWS as a sublet part.

Attachment "A": **Work Procedure**

- 1 Raise the vehicle on a lifting platform ⇒ *Workshop Manual '4X00IN Lifting the vehicle'*.
- 2 Replace all four disc wheels.
To do this, perform the following steps on all wheels:



Information

- The temperature of the tires during removal/mounting must be at least 59° F (15° C) (ideal temperature: approx. 68° F (20° C)). Allow enough time to heat the vehicle/tires in a suitable environment if necessary.
- Before changing a tire, read out the remaining life span of the wheel electronics unit (battery capacity) using the PIWIS Tester. The value you read out gives an indication as to whether or not it needs to be replaced (not a 100% value). If the values are considerably lower than expected for the next tire change, talk to the customer and discuss whether the wheel electronics unit(s) should also be replaced.
- Only use TIP TOP Universal or Contifix as the removal/mounting paste (sliding compound). Use sufficient sliding compound.
- Do not exert any considerable localized pressure on the disc wheel (rim) and tyre during removal/mounting. If excessive pressure is applied, damage will occur that will render a tire unusable (ready for disposal) and/or require a new disc wheel (rim).
- Before removal/mounting, check the mounting head of the mounting machine for damage (scoring, soiling). Clean the mounting head if necessary, or replace it. A dirty or damaged mounting head can cause paint damage and pressure points on the rim flange.
- All parts that touch the disc wheel and tire must be made of plastic to prevent damage to paintwork during removal/mounting. Protect the rim flange with adhesive tape if necessary. The mounting lever can also be covered with adhesive tape in order to avoid damaging the area around the spokes (during removal/fitting).
- If you do not have a mounting lever with plastic protection, use a rim flange protector (assembly aid) and avoid letting it slip on to the rim flange.
- Before re-fitting the tire, check it for damage (sealing face between tire/rim, ply breakage, tire beads, sidewalls and tread depth).
- On vehicles with TPM (aluminum valve), a new valve with a new fastening screw must be installed when changing the wheel electronics unit.
- When mounting tires, pay particular attention to the rolling direction and the inside and outside.

- 2.1 Remove wheel ⇒ *Workshop Manual '440519 Removing and installing wheel'*.
- 2.2 Carefully remove the tyre from the disc wheel ⇒ *Workshop Manual '444019 Removing and installing tyres (mounting tyres)'*.
- 2.3 Remove wheel electronics unit and install it on the new disc wheel with a new valve ⇒ *Workshop Manual '443219 Removing and installing wheel electronics'*.
- 2.4 Mount the tire you removed earlier on the new disc wheel ⇒ *Workshop Manual '444019 Removing and installing tyres (mounting tyres)'*.
- 2.5 Balance the wheel ⇒ *Workshop Manual '440594 Balancing/optimising wheels'*.

2.6 Fit the wheel ⇒ *Workshop Manual '440519 Removing and installing wheel'*.

- 3 Remove the vehicle from the lifting platform.
- 4 Enter the workshop campaign in the Warranty and Maintenance booklet.



Information

The working times specified below were determined specifically for carrying out this campaign and may differ from the working times published in the Labor Operation List in PIWIS.

Attachment "B": **Claim Submission** - Workshop Campaign WE16

Warranty claims should be submitted via WWS/PQIS.

Open campaigns may be checked by using either the PIWIS Vehicle Information system or through PQIS Job Creation.

Labor, parts, and sublet will be automatically inserted when Technician is selected in WWS/PQIS. If necessary, the required part numbers will need to be manually entered into warranty system by the dealer administrator.

Wheel balance stick-on weights can be added manually in WWS as a sublet part.

Scope 1: Vehicles with 20-inch Sport Classic wheel, **Silver (I-no. 340/XD9)**

Working time:

Replacing Sport Classic wheel

Labor time: **179 TU**

Includes:

- Removing and installing wheel (4x)
- Removing and installing tire (4x)
- Removing and installing wheel electronics unit (4x)
- Removing and installing hub cap (4x)
- Balancing/optimising wheel (4x)

Parts required:

000.043.110.44	Disc wheel, 9 J x 20, GT Silver Metallic	2 ea.
000.043.110.45	Disc wheel, 11.5 J x 20, GT Silver Metallic	2 ea.
955.361.053.00	Valve for TPM, Silver	4 ea.
N 908.729.01	Valve cap for TPM valve, Silver	4 ea.
4D0.601.365	Fastening screw for TPM valve	4 ea.
WE160000001 *	Expendable items *	1 ea.
	<ul style="list-style-type: none"> • Balance stick-on weights, 5 - 90 grams as required • Tire mounting paste, e.g. TIP TOP Universal mounting paste 	(for warranty invoicing only *)

*Wheel balance stick-on weights can be added manually in WWS as a sublet part.

⇒ **Damage code WE16 066 000 2**

Scope 2: Vehicles with 20-inch Sport Classic wheel, **Black (I-no. XDG)**

Working time:

Replacing Sport Classic wheel

Labor time: **179 TU**

- Includes:
- Removing and installing wheel (4x)
 - Removing and installing tire (4x)
 - Removing and installing wheel electronics unit (4x)
 - Removing and installing hub cap (4x)
 - Balancing/optimising wheel (4x)

Parts required:

000.043.110.46	Disc wheel, 9 J x 20, Black	2 ea.
000.043.110.47	Disc wheel, 11.5 J x 20, Black	2 ea.
9P1.601.361	Valve for TPM, Black	4 ea.
WHT.006.913	Valve cap, Black	4 ea.
4D0.601.365	Fastening screw for TPM valve	4 ea.
WE160000001 *	Expendable items *	1 ea.
	<ul style="list-style-type: none"> • Balance stick-on weights, 5 - 90 grams as required • Tire mounting paste, e.g. TIP TOP Universal mounting paste 	(for warranty invoicing only *)

* Wheel balance stick-on weights can be added manually in WWS as a sublet part.

⇒ **Damage code WE16 066 000 2**

- References:
- ⇒ *Workshop Manual '4X00IN Lifting the vehicle'*
 - ⇒ *Workshop Manual '440519 Removing and installing wheel'*
 - ⇒ *Workshop Manual '444019 Removing and installing tyres (mounting tyres)'*
 - ⇒ *Workshop Manual '443219 Removing and installing wheel electronics'*

⇒ Workshop Manual '440594 Balancing/optimising wheels'

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