

WE21 - Replacing Front Wheel Housing Liner (front part) (Workshop Campaign)

Revision: **Revision 1:** June 18, 2014
 This revision amends WE21 Parts Information regarding reuse of air guides; and amends/expands Sections 2.5 and 2.6 in Attachment "A": Work Procedure.

Revision 2: August 12, 2014
 This revision amends WE21 by adding VINs for U.S. vehicles in addition to VINs for Canada and Puerto Rico.

Model Year: **2014**

Vehicle Type: **911 GT3 (991)**

Concerns: **Front wheel housing liner (front part)**

Information: This is to inform you of a voluntary Workshop Campaign on the above-mentioned vehicles. **When reversing out of the bed of gravel with hot tires during race track driving, small stones that are sticking to the front tires can become loose.**

These stones are flung against the radiators through an opening in the front part of the wheel housing liners and can damage the radiators.

Action Required: Replace front wheel housing liners (front part).

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. THIS CAMPAIGN AFFECTS 379 VEHICLES IN NORTH AMERICA.

Parts Info: **NOTE: DO NOT ORDER PARTS. THEY WILL BE AUTOMATICALLY ALLOCATED TO YOUR DEALERSHIP.**

Part No.	Designation	Qty.
991.504.949.00	⇒ Front left wheel housing liner – front part	1 ea.*
991.504.950.00	⇒ Front right wheel housing liner – front part	1 ea.*

* Modified front parts of the front wheel housing liners are fitted during the campaign. The lower air guides on the wheel housing liners must be re-used after removing the old wheel housing liners and must then be fitted on the new wheel housing liners.

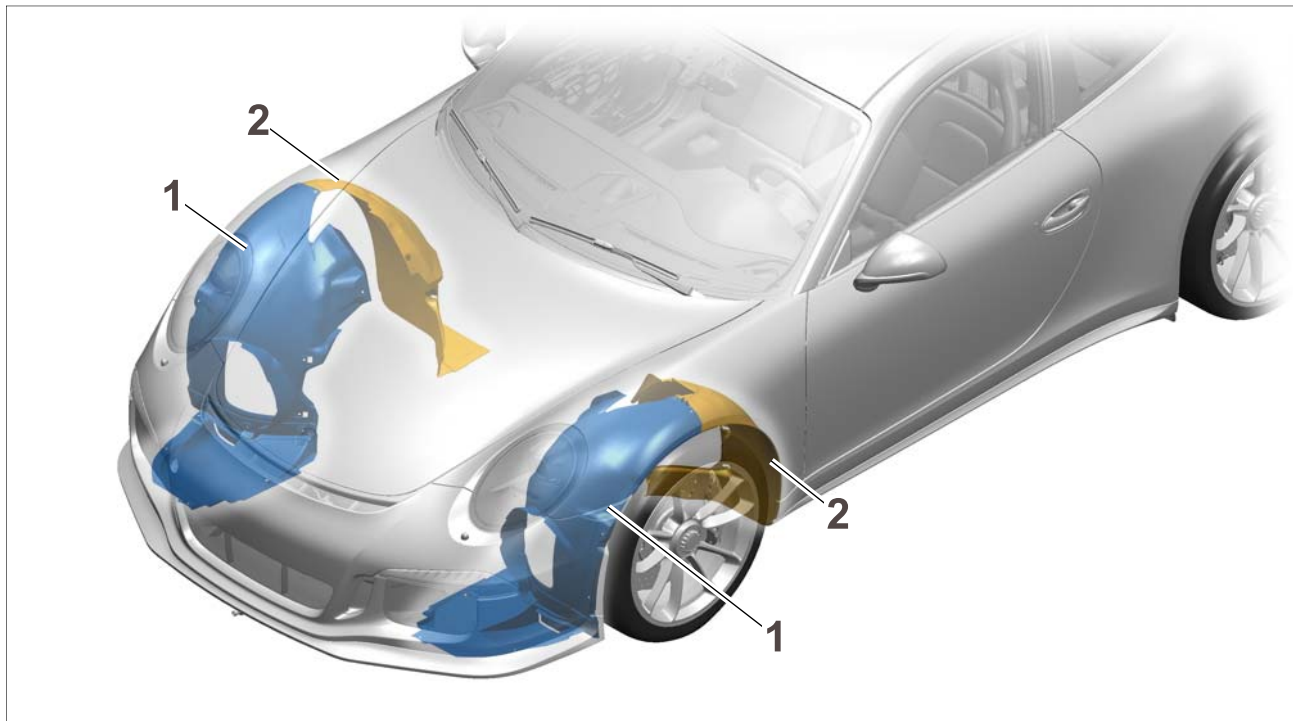
Tools:

- **Nr.49-1 - Torx screw tool set**
- **VAS 6494 - Torque screwdriver** (1.5 – 3 Nm/1 – 2 ftlb.)

Work
Procedure: See Attachment "A".

Claim
Submission: See Attachment "B".

Installation
Position:



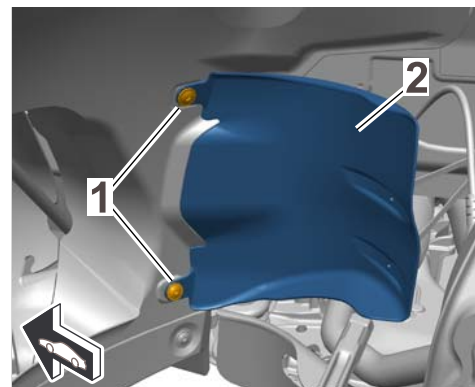
Front wheel housing liner

- 1 – Front part of front wheel housing liner – **must be replaced**
- 2 – Rear part of front wheel housing liner

Attachment "A": **Work Procedure**

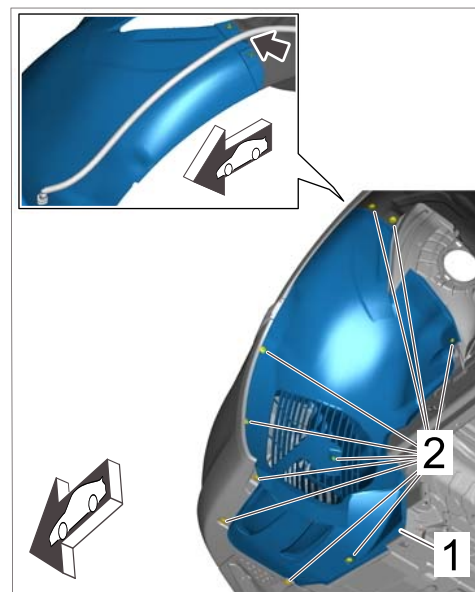
- 1 Raise the vehicle on a lifting platform ⇒ *Workshop Manual '4X00IN Lifting the vehicle'*.
- 2 Replace front part of front left wheel housing liner.
 - 2.1 Turn the front wheels fully to the left.

- 2.2 Unscrew and remove fastening screws ⇒ *Air vane -1-* on the air vane ⇒ *Air vane -2-*, if it is already fitted.



Air vane

- 2.3 Unscrew and remove fastening screws ⇒ *Front wheel housing liner - front part -2-* on the front part of the wheel housing liner ⇒ *Front wheel housing liner - front part -1-*.
- 2.4 Guide front part of wheel housing liner ⇒ *Front wheel housing liner - front part -1-* out of the wheel housing and off the rear part of the wheel housing liner and remove it.



Front wheel housing liner - front part



Information

The air guide on the front part of the front wheel housing liner must be re-used during this campaign.

- 2.5 Remove air guide on the front part of the **old** wheel housing liner at the front left.

2.5.1 Loosen, unscrew and remove fastening screws \Rightarrow *Converting air guide -3-* on the air guide \Rightarrow *Converting air guide -2-*.

2.5.2 Remove air guide \Rightarrow *Converting air guide -2-* from the front part of the wheel housing liner \Rightarrow *Converting air guide -1-*.

2.5.3 Dispose of front part of the old front wheel housing liner (**without the grille**).

- 2.6 Position the air guide you removed earlier \Rightarrow *Converting air guide -2-* on the **new** front part of the front wheel housing liner \Rightarrow *Converting air guide -1-*, Porsche part number **991.504.949.00**, and secure it with the fastening screws \Rightarrow *Converting air guide -3-*.

Tightening torque 3 Nm (2 ftlb.)

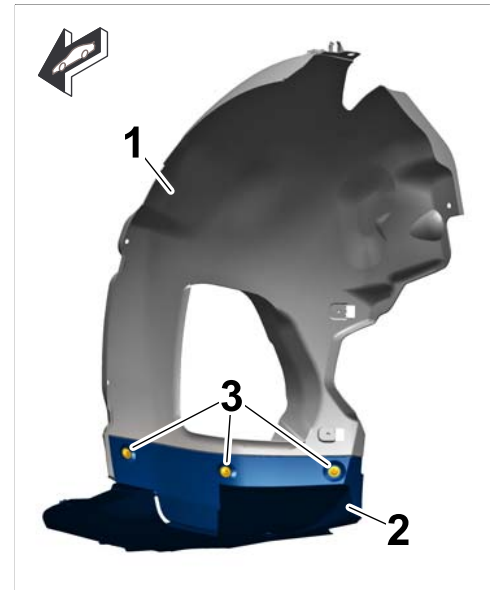
- 2.7 Guide new front part of front left wheel housing liner into the wheel housing and place it in installation position.
- 2.8 Screw in and tighten fastening screws \Rightarrow *Front wheel housing liner - front part -2-* on the front part of the wheel housing liner \Rightarrow *Front wheel housing liner - front part -1-*.
Tightening torque 2.7 Nm (2 ftlb.) +/-0.2 Nm (+/-0.1 ftlb.)

- 2.9 Align the air vane \Rightarrow *Air vane -2-* in the wheel housing and secure it with the fastening screws \Rightarrow *Air vane -1-*.

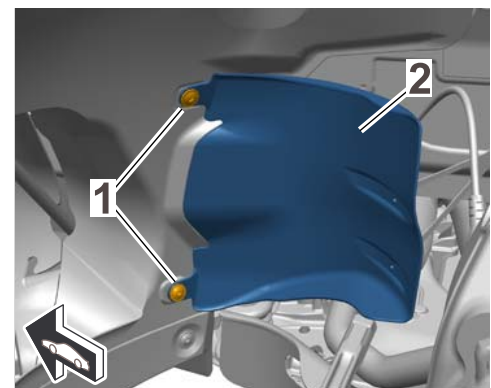
Tightening torque 3 Nm (2ftlb.)

- 3 Replace front part of front right wheel housing liner.
- 3.1 Turn the front wheels fully to the right.
- 3.2 Remove front part of right wheel housing liner and install new front part of wheel housing liner, Porsche Part No. **991.504.950.00**.

To do this, complete Steps **2.2 to 2.7** on the right side of the vehicle.



Converting air guide



Air vane

- 4 Move the front wheels to the straight-ahead position and remove the vehicle from the lifting platform.
- 5 Enter the workshop campaign in the Warranty and Maintenance booklet.



Information

The specified working time was 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 WE21

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.

Working time:

Replacing front wheel housing liner (front part) Labor time: **38 TU**

Includes: Raising the vehicle on a lifting platform
Loosening and securing air vane for brake disc
Replacing front part of front wheel housing liner at the left and right

Parts required:

991.504.949.00	Front left wheel housing liner – front part	1 ea.
991.504.950.00	Front right wheel housing liner – front part	1 ea.

⇒ **Damage code WE21 066 000 2**

References: ⇒ *Workshop Manual '4X00IN Lifting the vehicle'*

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