

WE66 - Tightening Clamp for Rubber Sleeve on Pressure Pipe (Workshop Campaign)

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

Model Year: **As of 2014 up to 2015**

Concerns: **Rubber sleeve between pressure pipe and throttle housing**

Information: This is to inform you of a voluntary Workshop Campaign on the above-mentioned vehicles. **There is a possibility that the clamp for the rubber sleeve was not tightened to a sufficiently high tightening torque on the pressure pipe and as a result, the rubber sleeve can slip off the pressure pipe on the affected vehicles.**

If this happens, full performance will no longer be guaranteed.

Action Required: Check that the rubber sleeve is fitted securely on the pressure pipe and tighten the clamp.

If the rubber sleeve has slipped off the pressure pipe, the rubber sleeve must be replaced.

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 2,718 vehicles with a projected 3.5% failure rate.

Tools: Torque wrench, 2-10 Nm (1.5-7.5 ftlb.), e.g. **V.A.G 1783 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**

Parts Info: **NOTE:** Parts allocation to PCNA from PAG is based on a projected 3.5% failure rate. Parts should be ordered via a PTEC/PAV. **PLEASE BE CONSERVATIVE IN ORDERING PARTS AS THEY WILL REMAIN IN SHORT SUPPLY THROUGHOUT THE DURATION OF THIS CAMPAIGN.**

| Part No. | Designation | Qty. |
|----------------|------------------------|---|
| 997.110.647.73 | ⇒ Rubber sleeve | 1 ea. (only if required) * |
| 000.043.204.68 | ⇒ Klüber Syntheso Glep | 50g tube (as much as required, approx. 1 gram per vehicle) |

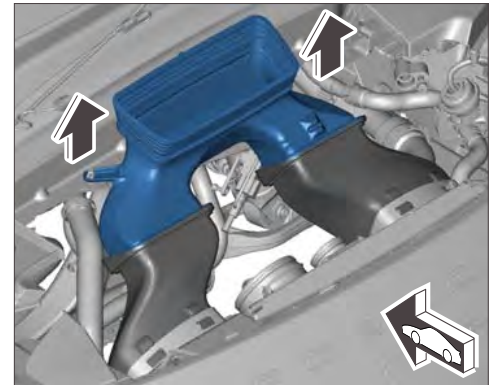
* There is a limited number of parts available and **only the parts that are actually required** must be ordered.

Work Procedure: See Attachment "A".

Claim See Attachment "B".
Submission:

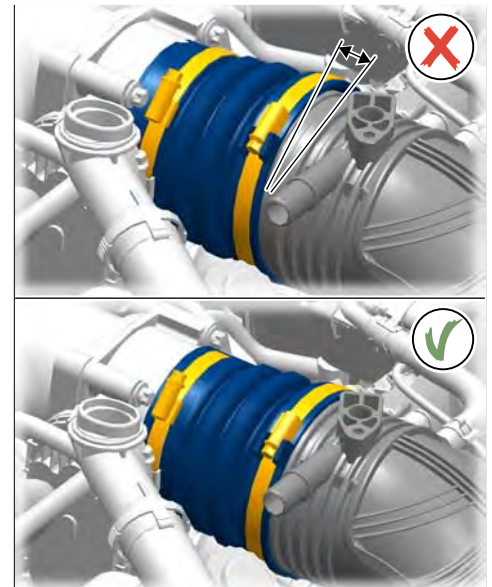
Attachment "A": **Work Procedure**

- 1 Remove engine-compartment blower ⇒ *Workshop Manual '198119 Removing and installing engine-compartment blower'*.
- 2 Pull out air guide at the retaining clips ⇒ *Removing air guide -arrows-* and remove it in an upward direction.



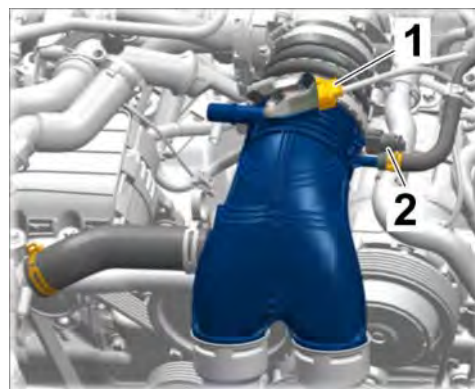
Removing air guide

- 3 Check that the **rubber sleeve** is fitted securely on the pressure pipe.
Also make sure that the rubber sleeve is fitted correctly on the pressure pipe all the way around ⇒ *Checking that rubber sleeve is fitted securely*.
 - If the rubber sleeve is **not fitted correctly** on the **pressure pipe** or has already **slipped off the pressure pipe** ⇒ *Checking that rubber sleeve is fitted securely -top-*, the rubber sleeve must be replaced ⇒ Continue with **Step 4**.
 - If the rubber sleeve is fitted correctly on the pressure pipe ⇒ *Checking that rubber sleeve is fitted securely -bottom-* ⇒ Continue with **Step 5**.
- 4 Replace rubber sleeve.



Checking that rubber sleeve is fitted securely

- 4.1 Release primary lock on the boost pressure sensor connector ⇒ *Disconnecting connector and line -1-* and disconnect connector.



Disconnecting connector and line

- 4.2 Release vacuum line at the pressure pipe ⇒ *Disconnecting connector and line -2-* and disconnect it.

- 4.3 Loosen clamps ⇒ *Rubber sleeve and pressure pipe -1 and 4-* for the rubber sleeve fully.

- 4.4 Pull off rubber sleeve ⇒ *Rubber sleeve and pressure pipe -2-* on the pressure pipe ⇒ *Rubber sleeve and pressure pipe -3-* and on the throttle housing.

- 4.5 Pull pressure pipe slightly to the rear and remove rubber sleeve by pulling it to the right and out of the engine compartment.

- 4.6 Guide new rubber sleeve, Part No. 997.110.647.73, into the engine compartment from the right and position it on the pressure pipe and on the throttle housing.

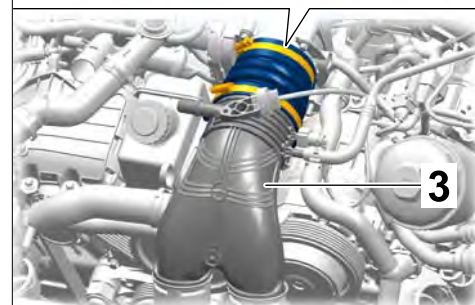
- 4.7 Align rubber sleeve and check that the clamps are inside the markings.

- 5 Tighten clamps for the rubber sleeve.

- 5.1 Tighten clamp ⇒ *Rubber sleeve and pressure pipe -1-* for the rubber sleeve on the **pressure pipe** hand-tight and then tighten it to the specified tightening torque.
Tightening torque 5 Nm (3.5 ftlb.)

Wait for **5 minutes** to allow the clamp to settle and then tighten it again to a **tightening torque of 5 Nm (3.5 ftlb.)**.

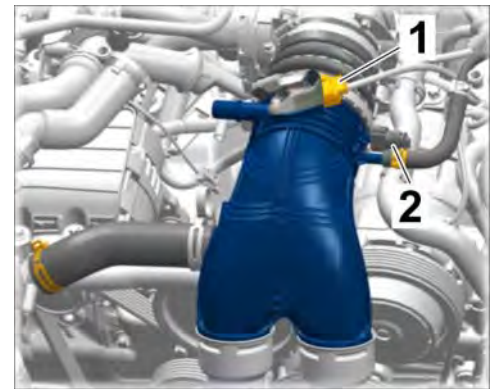
- 5.2 Tighten clamp ⇒ *Rubber sleeve and pressure pipe -4-* for the rubber sleeve on the **throttle housing** hand-tight and then tighten it to the specified tightening torque.
Tightening torque 5 Nm (3.5 ftlb.)



Rubber sleeve and pressure pipe

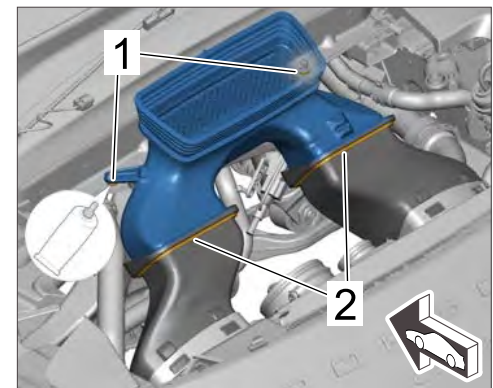
Wait for **5 minutes** to allow the clamp to settle and then tighten it again to a **tightening torque of 5 Nm (3.5 ftlb.)**.

- 6 Perform a visual inspection and check that the rubber sleeve is fitted securely.
- 7 Connect vacuum line ⇒ *Connecting connector and line-2-* to the pressure pipe until it engages securely.
- 8 Plug in boost pressure sensor connector ⇒ *Connecting connector and line-1-* and secure it with the primary lock.



Connecting connector and line

- 9 Apply a light coating of Klüber Syntheso Glep on the rubber sleeve ⇒ *Installing air guide-1-* before installing the air guide.
- 10 Position the air guide in the air ducts and press it into the retaining clips ⇒ *Installing air guide-2-*.
- 11 Check that the air guide ⇒ *Installing air guide-2-* is seated correctly in the air ducts.
- 12 Install engine-compartment blower ⇒ *Workshop Manual '198119 Removing and installing engine-compartment blower'*.



Installing air guide

- 13 Enter the workshop campaign in the Warranty and Maintenance booklet.



Information

The specified working times 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 WE66
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.

Scope 1: **Tightening clamps for the rubber sleeve.**

| | | |
|---|----------------------|-----------------------------|
| Working time: | | |
| Tightening clamps for rubber sleeve on pressure pipe and throttle housing | | Labor time: 35 TU |
| Includes: Removing and installing engine-compartment blower | | |
| Parts required: | | |
| 000.043.204.68 | Klüber Syntheso Glep | 0.02 ea. (= approx. 1 g) |
| ⇒ Damage code WE66 066 000 1 | | |

Scope 2: **Replacing rubber sleeve between pressure pipe and throttle housing and tightening clamps for the rubber sleeve.**

| | | |
|--|----------------------|-----------------------------|
| Working time: | | |
| Replacing rubber sleeve between pressure pipe and throttle housing and tightening clamps for the rubber sleeve | | Labor time: 69 TU |
| Includes: Removing and installing engine-compartment blower | | |
| Parts required: | | |
| 997.110.647.73 | Rubber sleeve | 1 ea. |
| 000.043.204.68 | Klüber Syntheso Glep | 0.02 ea. (= approx. 1 g) |

⇒ Damage code WE66 066 000 2

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