

WRS8 – Reworking Screw Connection for Transmission Control Unit (Workshop Campaign)

Vehicle Type: **911 GT3 (992) / 911 GT3 Touring (992)**

Model Year: **As of 2022 up to 2023**

Concerns: **Transmission control unit**

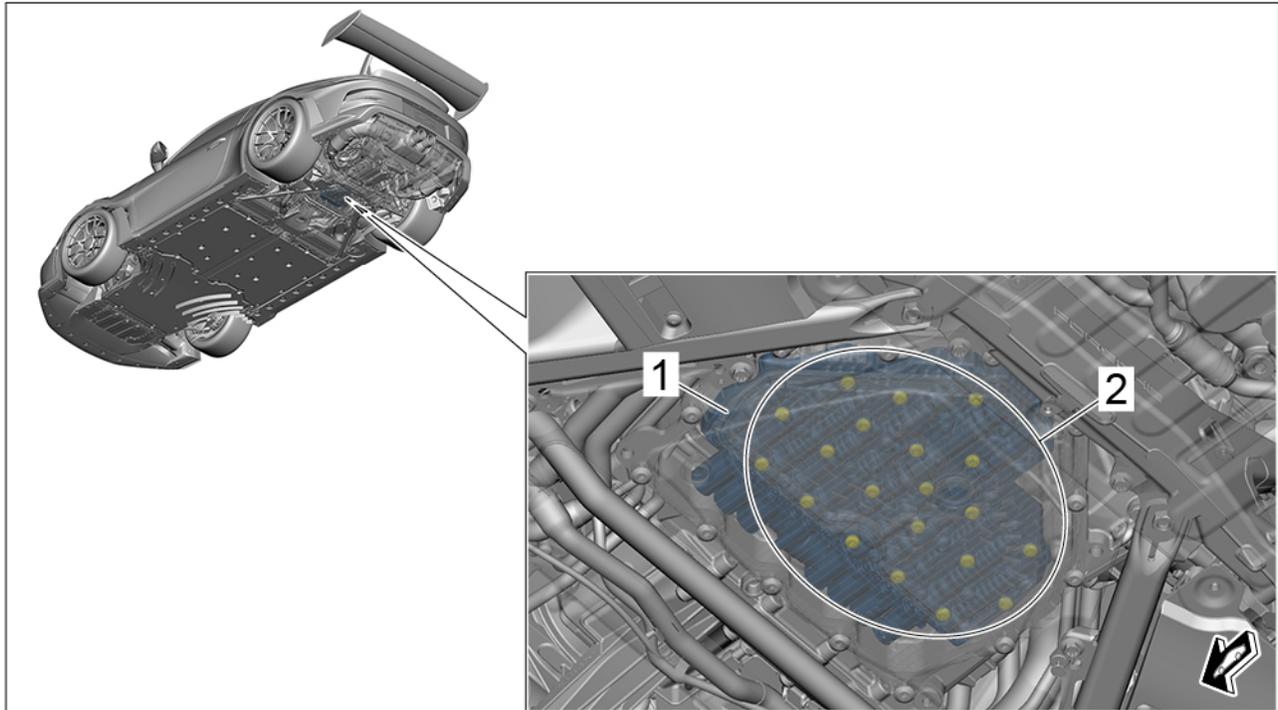
Cause: **Due to an incorrect specification in the Workshop Manual, it is possible that the screw connections on the transmission control unit installed as part of the WPJ7 campaign do not meet the intended specifications in the affected vehicles.**

As a result, it cannot be ensured that the screw connections on the transmission control unit will fulfil the necessary requirements over the service life of the vehicle.

Action: Replace the screw connection for the transmission control unit.

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

Installation
Position:



Installation position of screw connection for transmission control unit

- 1** – Transmission control unit
- 2** – Screw connection for transmission control unit (**replacing**)

Required parts and materials

Parts Info:	Part No.	Designation – Location	Quantity
	PAF009388	⇒ M6 x 25 countersunk screw with internal serration – ATF oil pan on transmission	13 pieces
	PAF009391	⇒ M6 x 55 Torx screw – Transmission control unit	20 pieces
	9P1321359	⇒ Oil pan – ATF oil pan	1 piece

PAF008528	⇒ M18 x 1.5 screw plug with sealing ring – ATF screw plug	1 piece
PAF910423	⇒ M6 x 16 all-round screw lens head screw – Bottom rear screws for spoiler (diffuser)	5 pieces

Material:

Part No.	Designation – Location	Quantity
00004330513	⇒ Transmission oil for double-clutch transmission oil PENTOSIN FFL 3 1.0 liter/ 33.8 fl oz. – Transmission oil	approx. 5 liter/ 1.32 gal

Required tools

Tools:

- **P90999 - PIWIS Tester 4**
- Battery charger with a current rating of **at least 90 A**, e.g., **VAS 5908 - 90 A battery charger**. For further information about the battery chargers to be used, see the corresponding Workshop Manual.
⇒ *Workshop Manual '270689 Charging battery and vehicle electrical system'*
- Torque wrench, 2-100 Nm (1.5-74 ftlb.), e.g. **9768 - Electronic torque wrench, 2-100 Nm (1.5-74 ftlb.)**
- Torque wrench, 2-10 Nm (2-8 ftlb.), e.g., **V.A.G 1783 - Torque wrench, 2-10 Nm (2-8 ftlb.)**
- Torque wrench, 6-50 Nm (5-37 ftlb.), e.g. **V.A.G 1331A - torque spanner, 6-50 Nm (5-37 ftlb.)**
- **VAS 6563 - Manual metering pumps, Porsche set**
- **9453 - Access ramps**

Preparatory work

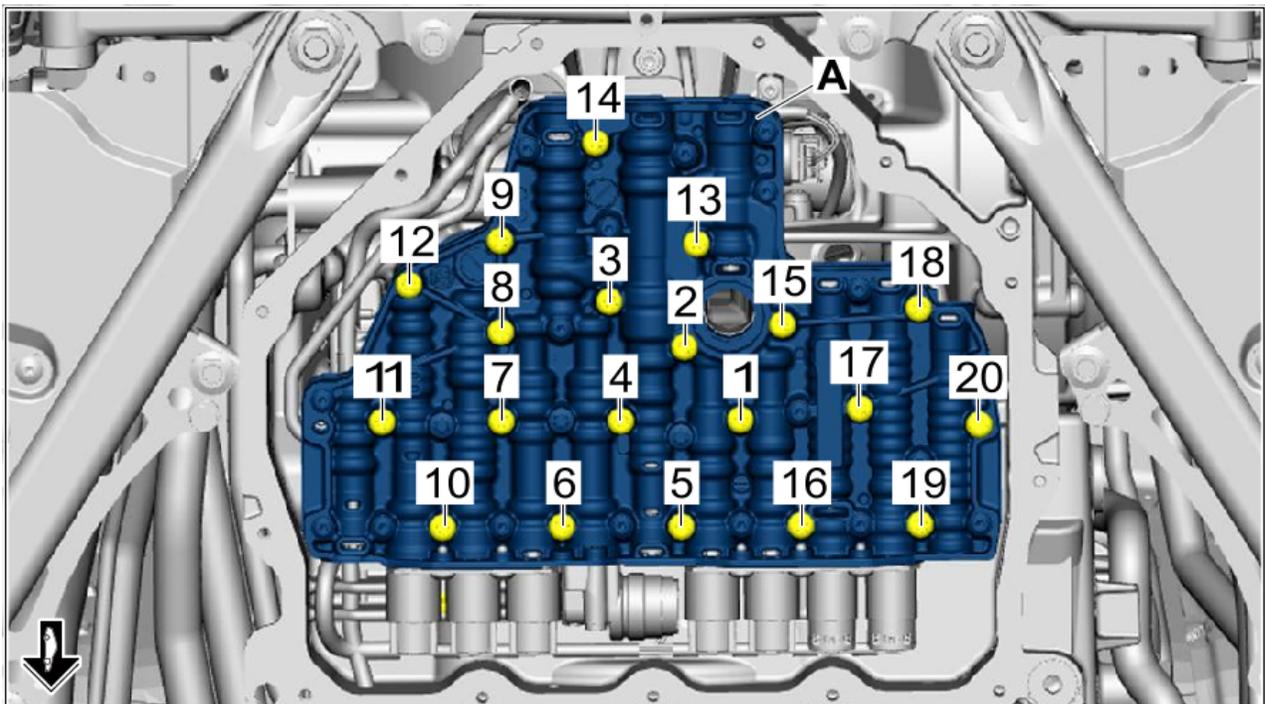
- Work Procedure: 1 Remove the support plate.
⇒ *Workshop Manual '421419 Removing and installing support plate'*
- 2 Drain ATF (hydraulic oil).
For work procedure, see: ⇒ *Workshop Manual '370255 Replace ATF (hydraulic oil)'*
- 3 Remove ATF pan.
⇒ *Workshop Manual '375519 Removing and installing ATF pan'*

Reworking screw connection for transmission control unit**Information**

- Aluminium screws must always be replaced.
- Aluminium screws must be secured using the yield-strength procedure.
- To ensure that the screws are tightened uniformly, the specified “**Light, Medium or Hard**” **tightening setting** must be used.
- The **threshold torque (initial tightening)** must be set on the **9768 - electronic torque wrench from 2 - 100 Nm (1.5 - 74 ftlb.)** when tightening using the yield-strength procedure.

Work
Procedure:

- 1 **Loosen** screws ⇒ *Screw connection for transmission control unit -1 to 20-* and replace them with **new** ones, one after the other.



Screw connection for transmission control unit

- 2 Insert **new** screws manually **9768 - and tighten in sequence using an** electronic torque wrench ⇒ *Screw connection for transmission control unit -1 to 20-* (using the “Medium” tightening setting).

Initial tightening + yield strength 2.4 Nm

For work procedure, see: ⇒ *Workshop Manual '387719 Removing and installing transmission control unit'*

Follow-up actions

- Work Procedure: 1 Install ATF pan.
 ⇒ *Workshop Manual '375519 Removing and installing ATF pan'*
- 2 Fill up ATF (hydraulic oil).
 For work procedure, see: ⇒ *Workshop Manual '370255 Replace ATF (hydraulic oil)'*
- 3 Checking and topping up ATF (hydraulic oil).
 ⇒ *Workshop Manual '370235 Checking and topping up ATF (hydraulic oil)'*
- 4 Installing the support plate.
 ⇒ *Workshop Manual '421419 Removing and installing support plate'*
- 5 Enter the campaign in the Warranty and Maintenance logbook.

Warranty processing



Information

The specified labor time was determined specifically for carrying out this campaign and includes all necessary preliminary and subsequent rework. The labor time may differ from the labor time published in the Labor Operation List in the PCSS.

Scope 1: **Reworking screw connection for transmission control unit**

Labor time:

Reworking screw connection for transmission control unit Labor time: **232 TU**
 Includes: Removing and installing support plate
 Drain and fill ATF (hydraulic oil)
 Removing and installing ATF pan

Required parts:

PAF009388	M6 x 25 countersunk screw with internal serration	13 pieces
PAF009391	M6 x 55 Torx screw	20 pieces
9P1321359	Oil pan	1 piece
PAF008528	M18 x 1.5 screw plug with sealing ring	1 piece
PAF910423	M6 x 16 all-round screw lens head screw	5 pieces
00004330513	Transmission oil for double-clutch transmission oil PENTOSIN FFL 3 1.0 Ltr.	approx. 5 liter/ 1.32 gal

⇒ **Damage number WRS8 066 000 2**

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