

WPJ7 - Re-Routing Wiring Harness in Transmission (Workshop Campaign)

Vehicle Type: **991 GT3 (992) / 991 GT3 Touring (992) / 991 GT3 RS (992)**

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

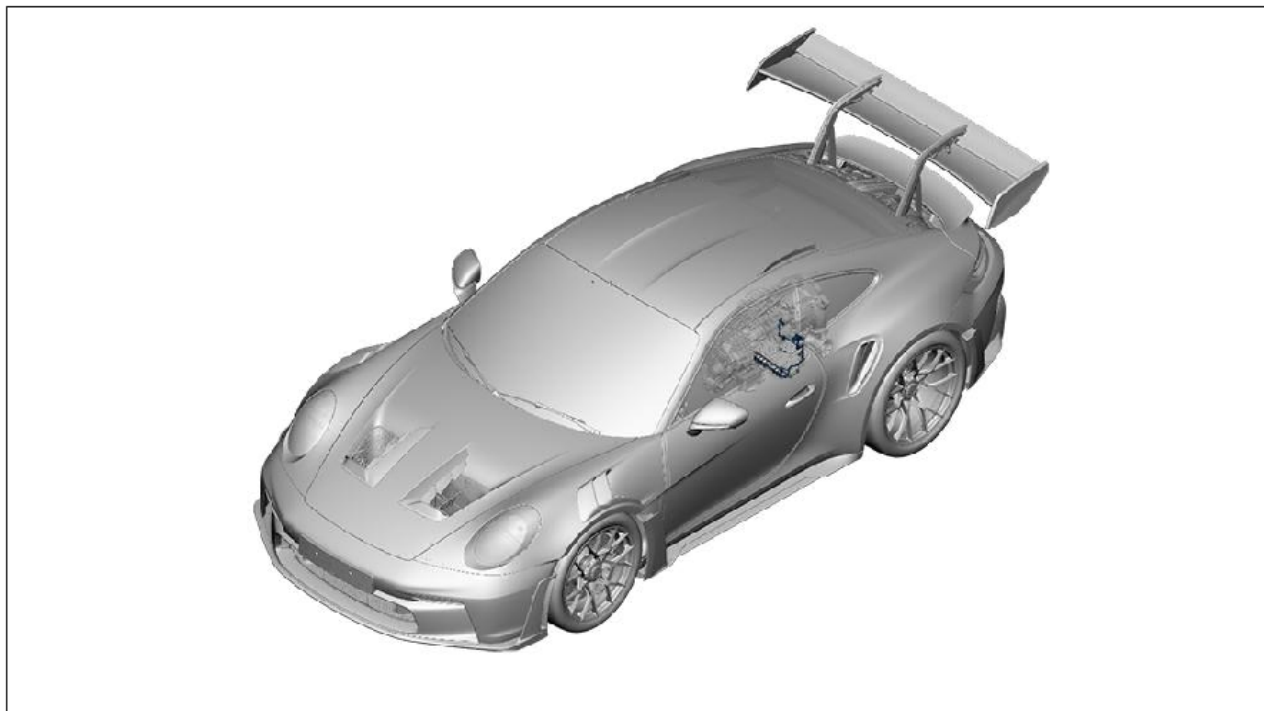
Concerns: **Wire harness in transmission**

Cause: **There is a possibility that the wire harness in the transmission was not routed according to specifications on the affected vehicles.**

If this is the case, damage to the line insulation cannot be ruled out over the service life of the vehicle. As a result, a yellow warning message “Transmission faulty – reverse gear not available” would be displayed on the instrument cluster. A reduced onward trip would also be possible in the event of an error.

Action: Re-route wire harness in transmission.

Installation
Position:



Installation position

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

Required parts and materials

Parts Info:	Part No.	Designation – Location	Number
	PAF009388	⇒ Countersunk screw with internal serration, M6 x 25 – ATF oil pan on transmission	13 pieces
	9P1321359	⇒ Oil pan – ATF oil pan	1 piece
	PAF008528	⇒ Screw plug with sealing ring M18 x 1.5 – ATF screw plug	1 piece
	PAF910423	⇒ All-round screw lens head screw M6 x 16 – Bottom rear screws for spoiler (diffuser)	5 pieces

Material:	Part No.	Designation – Location	Number
	00004330513	⇒ Transmission oil for double-clutch transmission oil PENTOSIN FFL 3 1.0 Ltr. – Transmission oil	approx. 5 liter/ 1.32 gal

Required tools

- Tools:
- Torque wrench, 2–100 Nm (1.5–74 ftlb.), e.g. **9768 - Electronic torque wrench, 2–100 Nm (1.5–74 ftlb.)**
 - **VAS 6563 - Manual metering pumps, Porsche set**
 - **P90999 - PIWIS Tester 4**
 - **9453 - Access ramps**

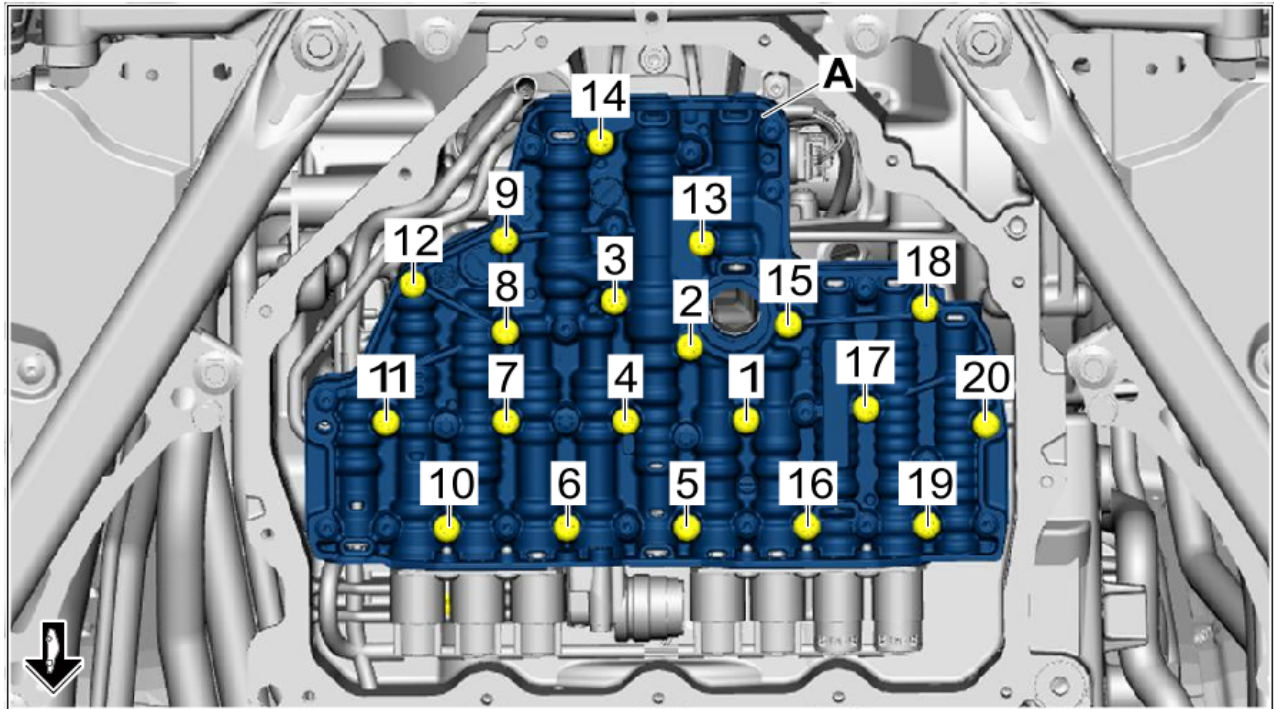
Preparatory work

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

- 3 Remove ATF pan.
 ⇒ *Workshop Manual '375519 Removing and installing ATF pan'*

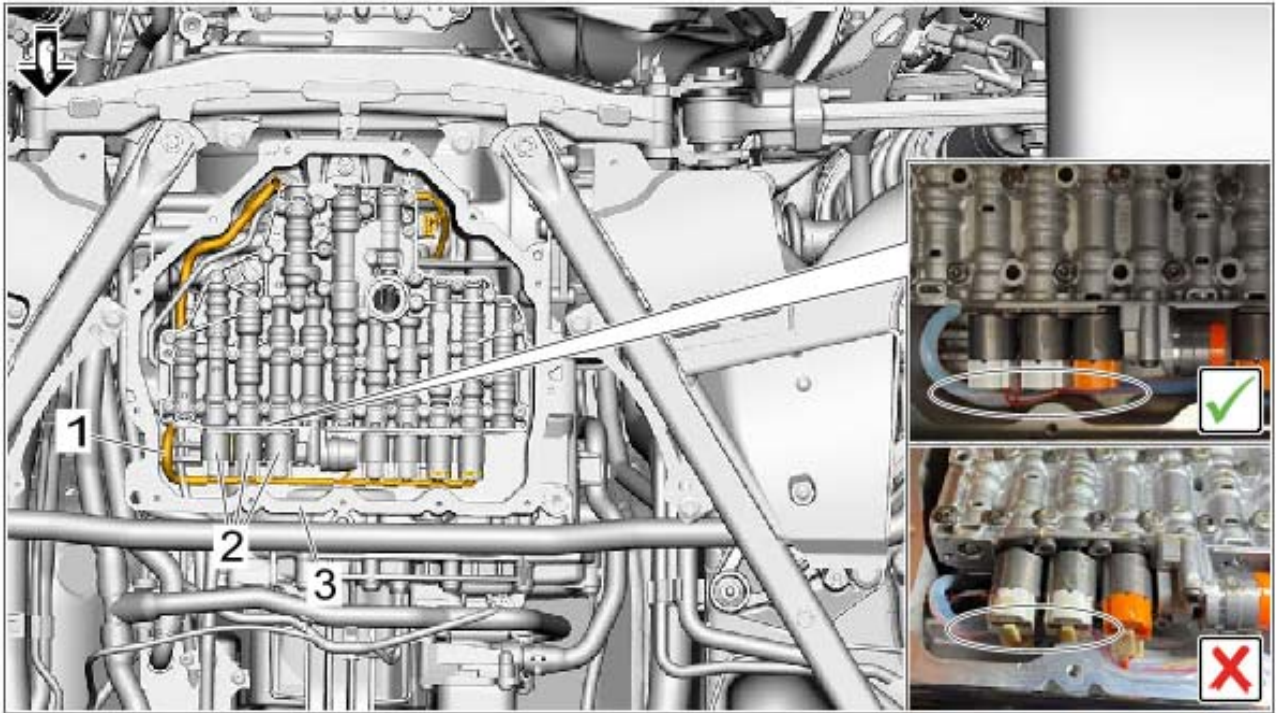
Re-routing wire harness in transmission

Work Procedure: 1 Loosen transmission control unit ⇒ *Screw connection for transmission control unit -A-*.



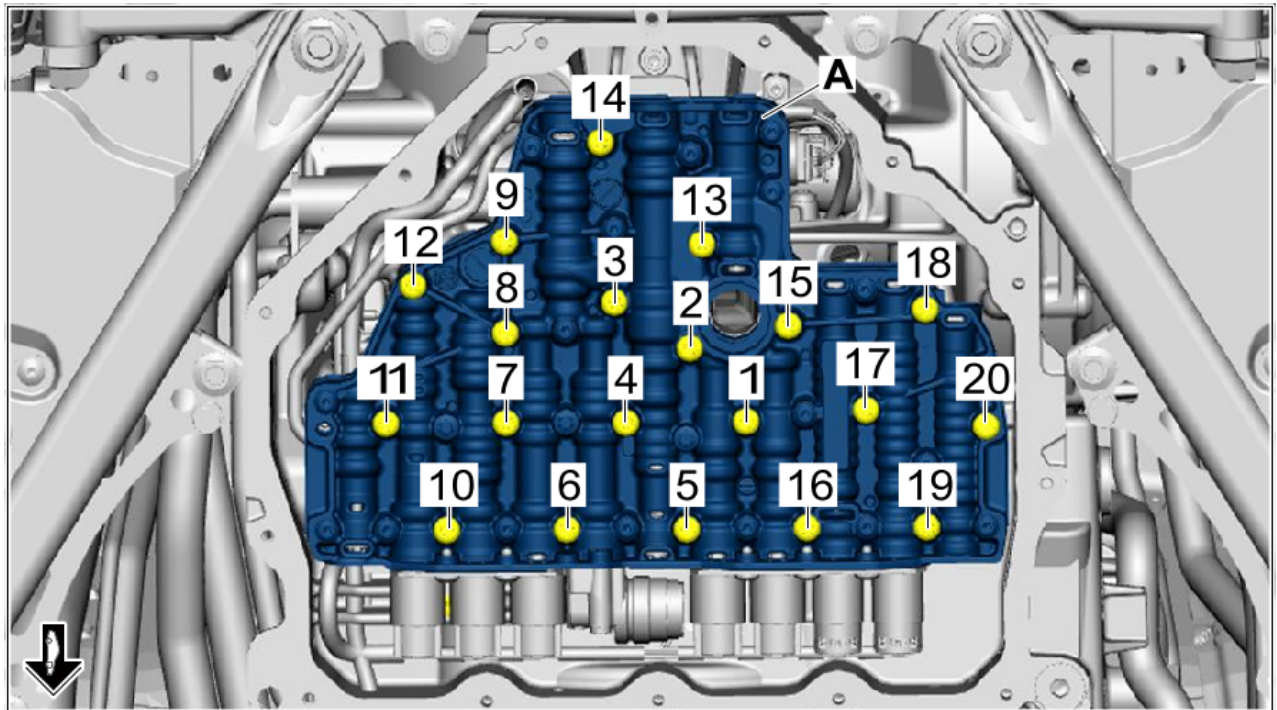
Screw connection for transmission control unit

- 1.1 ⇒ *Screw connection for transmission control unit -1 to 20-Loosen* screws but do not unscrew them in order to loosen the potentially clamped wire harness and then be able to re-route it.
- 2 Remove wire harness ⇒ *Transmission wire harness -1-* under the plug contacts ⇒ *Transmission wire harness -2-* and ⇒ *Transmission wire harness -2-* re-route between the plug contacts ⇒ *Transmission wire harness -3-* and the transmission housing. ⇒ *Transmission wire harness*



Transmission wire harness

- 3 Fasten transmission control unit ⇒ *Screw connection for transmission control unit -A-*.



Screw connection for transmission control unit

- 3.1 Fasten screws ⇒ *Screw connection for transmission control unit -1 to 20-* by hand and observe tightening sequence ⇒ *Screw connection for transmission control unit -1 to 20-* **initial tightening 1.5 Nm (1.1 ftlb.)** and **final tightening 8 Nm (5.9 ftlb.)**.

Follow-up actions

- Work Procedure: 1 Install ATF pan.
⇒ *Workshop Manual '375519 Removing and installing ATF pan'*
- 2 Fill up ATF (hydraulic oil).
For 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 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 required preliminary work and rework. The labor time may differ from the working times published in the Labor Times in the PCSS.

Scope 1:

Re-routing wire harness in transmission**Labor time:**

Re-routing wire harness in transmission

Labor time: **267 TU**

Includes: Removing and installing support plate
Drain and fill ATF (hydraulic oil)
Removing and installing ATF pan

Required parts:

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

⇒ **Damage number WPJ7 066 000 1**

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

© 2023 Porsche Cars North America, Inc.