

WKJ5 - Replacing Generator (Workshop Campaign)

Vehicle type: **911 GT3 RS (991)/911 Speedster (991)**

Model Year: **2019**

Subject: **Generator**

Information: **Due to a logistical error, the generators for various vehicle types of the 718 (982) and 911 (991) model line were interchanged.**

The generators installed in the affected vehicle types with flat-four and flat-six engines are identical, however the generators differ in the size of the pulley. Consequently, interchanging the generators results in the nominal speed range of the relevant generator being exceeded or undershot. As a result, the battery may not charge sufficiently or the generator may become damaged.

Remedial Action: Replace the generator.

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information). This campaign affects 41 vehicles in North America

Parts required

Part Info.:	Part Info	Designation - Use	Qty.
	OPB903018	⇒ Generator - 911 GT3 RS (991) / 911 Speedster (991)	1 ea.

Required tools

- Tools:
- Torque screwdriver, 1.5 – 3 Nm (1 – 2 ftlb.), e.g. **Torque screwdriver, 1.5-3 Nm (1-2 ftlb.)**
 - Torque wrench, 2 - 10 Nm (1.5 - 7.5 ftlb.), e.g. **Torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**
 - Torque wrench, 6–50 Nm (4.5–37 ftlb.), e.g. **Torque wrench, 6-50 Nm/4.5-37 ftlb.**
 - Torque wrench, 20–100 Nm (15–74 ftlb.), e.g. **Torque wrench, 20-100 Nm (15-74 ftlb.)**

Replacing the generator

Work Procedure: 1 Place the vehicle onto a lifting platform, but do not raise it yet ⇒ *Workshop Manual '4X00IN Lifting the vehicle'*.

- 2 Disconnect the battery.
For instructions, see ⇒ *Workshop Manual '270619 Removing and installing battery'*.
- 3 Remove rear apron ⇒ *Workshop Manual '63551925 Removing and installing rear apron'*.
- 4 Remove air cleaner housing ⇒ *Workshop Manual '242519 Removing and installing air cleaner housing'*.
- 5 Replace the generator.
 - 5.1 Slacken the drive belt and remove it from the generator pulley.
For instructions, see ⇒ *Workshop Manual '137819 Removing and installing drive belt'*.
 - 5.2 Remove the generator and install a new, correct generator ⇒ *Workshop Manual '272219 Removing and installing generator.'*



Information

The **correct generator** for this vehicle type features a **larger pulley** than the generator that was incorrectly installed.

Part Info	Designation – Use	Qty.
OPB903018	Generator – 911 GT3 RS / 911 Speedster	1 ea.

- 5.3 Fit and tension the drive belt on the generator pulley.
For instructions, see ⇒ *Workshop Manual '137819 Removing and installing drive belt'*.
- 6 Install air cleaner housing ⇒ *Workshop Manual '242519 Removing and installing air cleaner housing'*.
- 7 Install rear apron ⇒ *Workshop Manual '63551925 Removing and installing rear apron'*.
- 8 Connect the battery and carry out operations after disconnecting the battery ⇒ *Workshop Manual '2X00IN Work instructions after disconnecting the battery'*.
- 9 Enter the campaign in the Warranty and Maintenance booklet.

Warranty processing

Scope: **Scope 1 – Scope 2: Not relevant** for this vehicle type.

Scope 3: Vehicle type: **911 GT3 RS (991)**

Working time:

Replacing generator Labor time: **199 TU**

Includes: Raising and lowering vehicle
 Disconnecting and connecting battery
 Removing and installing rear apron
 Removing and installing air cleaner housing
 Loosening and securing drive belt

Parts required:

OPB903018	Generator	1 ea.
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Scope 4: Vehicle type: **911 Speedster (991)**

Working time:

Replacing generator Labor time: **143 TU**

Includes: Raising and lowering vehicle
 Disconnecting and connecting battery
 Removing and installing rear apron
 Removing and installing air cleaner housing
 Loosening and securing drive belt

Parts required:

OPB903018	Generator	1 ea.
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⇒ **WKJ5 066 000 2**

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