

WMG5 - Retrofitting Front Camera (Workshop Campaign)

Model Line: **Panamera (971)**

Model Year: **As of 2021**

Concerns: **Front camera**

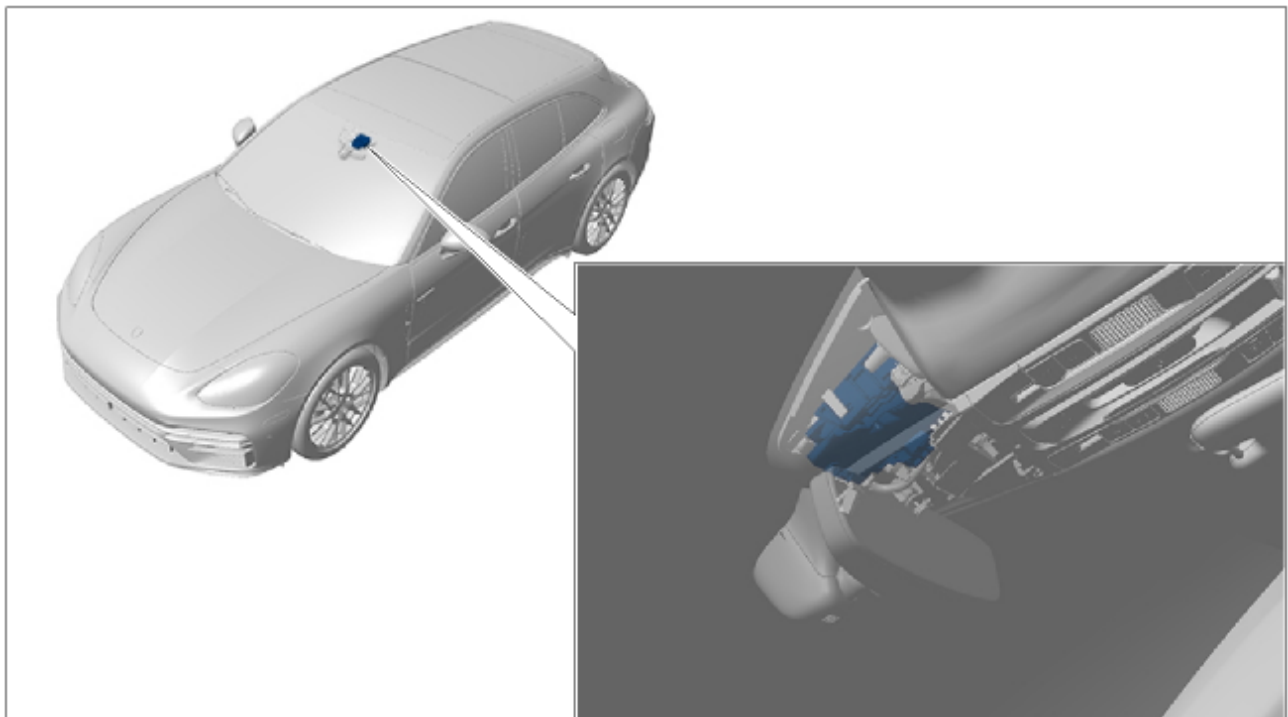
Information: **Due to worldwide semiconductor bottlenecks from individual suppliers, the affected vehicles were built without a front camera.**

Camera-supported assistance systems are therefore not available.

Action required: Retrofit front camera before vehicle delivery.

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

Installation Position:



Installation position of front camera

Parts required

Parts Info:	Part No.	Designation	Qty.
	V04015001CT	⇒ Front camera	1 ea.

Required tools

- Tools:
- Plastic assembly wedge (commercially available).
 - The **VAS 6430/1A - setting device with reflector**, **VAS 6430/4 - calibration board for lane departure warning**, **VAS 6350A - calibration unit**, **VAS 6350 wheel center mountings** and a wheel alignment computer are required for the calibration process.

Retrofitting front camera - Scope 1

NOTICE

Voltage peaks

- Risk of damage to electrical load or to the control unit
- ⇒ Switch off ignition and keep transmitter key outside of the transmission range (at least 5 m).
- ⇒ Switch off electrical loads before disconnecting or removing them.



Information

Always comply with the regulations for handling ESD-sensitive components!

- Always wear approved work clothes and shoes when carrying out assembly work.
- Do not remove new parts from ESD (electrostatic discharge) protective packaging until shortly before installation.
- Do not touch electric pins and plug contacts.



Information

Ensure absolute cleanliness.

The front camera is extremely sensitive to dirt.

Never touch the gel pad of the front camera.

Make sure there are no foreign bodies or dirt particles between the windscreen and gel pad.



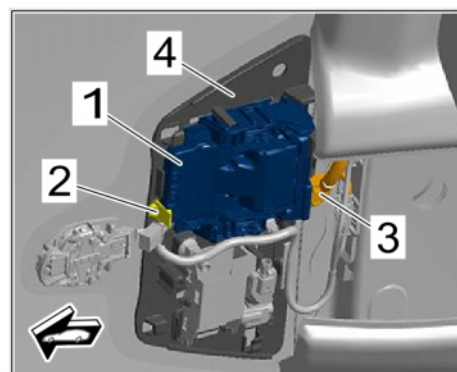
Information

Never touch the lens of the front camera.

- 1 Remove interior rear-view mirror.
⇒ *Workshop Manual '682719 Removing and installing interior rear-view mirror'*
- 2 Remove front roof console.
⇒ *Workshop Manual '708319 Removing and installing front roof console'*

3 Install front camera ⇒ *Front camera -1-*.

- 3.1 Connect electric plug connection for front camera ⇒ *Front camera -3-* until it locks securely.
- 3.2 Position front camera ⇒ *Front camera -1-* in holder ⇒ *Front camera -4-*.
- 3.3 Clip front camera ⇒ *Front camera -1-* into locking lug ⇒ *Front camera -2-*.



Front camera

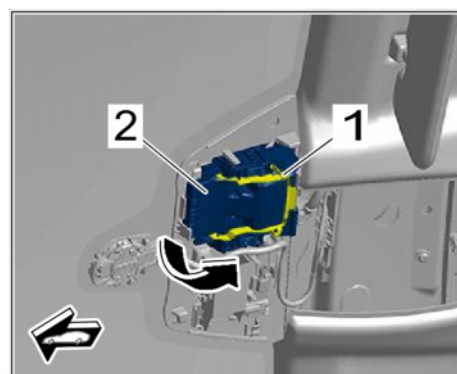
4 Close clip ⇒ *Front camera clip -1-* in ⇒ *Front camera clip -direction of arrow-* to lock the front camera ⇒ *Front camera clip -2-*.

- 5 Install front roof console.
⇒ *Workshop Manual '708319 Removing and installing front roof console'*

- 6 Install interior rear-view mirror.
⇒ *Workshop Manual '682719 Removing and installing interior rear-view mirror'*

- 7 Calibrate front camera.
⇒ *Workshop Manual '963855 Replacing front camera'*

- 8 Enter the campaign in the Warranty and Maintenance booklet.



Front camera clip

Calibrating front camera - Scope 2

- 1 Calibrate front camera.
⇒ *Workshop Manual '963855 Replacing front camera'*
- 2 Enter the campaign in the Warranty and Maintenance booklet.

Warranty processing

Scope 1:

Working Time:

Retrofitting front camera

Labor time: **120 TU**

Includes: Removing and installing front roof console
Removing and installing interior rear-view mirror
Retrofitting front camera
Calibrating front camera

Parts required:

V04015001CT Front camera 1 ea.

⇒ **Damage Code WMG5 066 000 1**

Scope 2:

Working time:

Calibrating front camera

Labor time: **77 TU**

Includes: Connecting and disconnecting battery charger
Calibrating calibration plate on vehicle

⇒ **Damage Code WMG5 066 000 1**

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