G-FACELIFT 2018: Noises Coming From Driver's Side Footwell

Topic number	LI83.20-P-072178
Version	1
Function group	83.20 Heating
Date	12-18-2020
Validity	Model 463 as of model year 2019 (as of code XZ8)
Reason for change	Recommended repair has been changed based on new technical findings
Reason for block	

Complaint:

The customer complains that when the ignition is switched on, pulsating buzzing noises which fluctuate in volume can be heard coming from the area of the instrument panel or the driver's footwell.

Note: A quiet, constant buzzing noise corresponds to the series product configuration.

Attachments	
File	Description
Soundfile Noise Driverseat.MP3	Sound file of interior

Cause:

The listed complaints may be originating from the circulation pump in the heating circuit.

The cause may be air in the low-pressure heating circuit, which can generate noise when there is flow through the circulation pump.

Remedy:

Check whether the noise is coming from the circulation pump (M13/5). To do so, remove the front left wheel well liner.

If the noise is being caused by the circulation pump, replacing the part would not be a productive solution.

To resolve the issue, the system needs to be vented by driving the vehicle carefully at a constant engine speed above 3000 rpm for a period of at least 30 minutes.

When doing so, it is important that the air conditioning is completely switched off.

Note: The circulation pump runs when the air conditioning is switched on and will prevent self-venting of the cooling system.

Symptoms

| Body / Air conditioning / Stationary heater/auxiliary heater / Noise |
| Body / Air conditioning / Heater / Noise |
| Body / Air conditioning / Air conditioning / Noise |

| Operation numbers/damage codes | | | | |
Op. no.	Operation text	Time	Damage code	Note
			83408 36	Heating system circulation pump - noise

| Validity | | |
Vehicle	Engine	Transmission
G (463) - 463.210	*	*
G (463) - 463.260	*	*
G (463) - 463.261	*	*
G (463) - 463.276	*	*
G (463) - 463.277	*	*
G (463) - 463.349	*	*
G (463) - 463.350	*	*