

MY19+ G-Class: Windshield heater is not activating

Topic number	LI67.19-P-074543
Version	1
Function group	67.19 - Heated windshield electrical system
Date	3/10/22
Validity	Model 463 facelift as of model year 2019 with heatable windshield (code F49) up to vehicle identification end number ...X410005

Reason for change

Complaint

Windshield heater not activating when expected.

Note: Windshield heater is only active with the engine running when the defrost button has been activated and outside temperatures are below 41°F (5°C).

Cause

Stone chippings on the windshield may result in an increased internal resistance of the electric windshield heater. When detecting increased internal resistance, the N22/1 "Air conditioning system" control unit switches off the windshield heater.

Remedy

1. Check the windshield for stone chippings and cracks in the black external area
2. Perform quick test
3. Read out the resistance value of the windshield heater from the actual values of N22/1
Specified value: 0.8 - 1.3 Ohm
4. If the actual value is outside of the tolerance or a crack is present, replace the windshield

Important: Please observe the SI on stone chipping repairs at laminated glass windows. On vehicles with a windshield heater (code F49), the windshield should be replaced in the event of larger stone chippings in the black area.

WIS-References		
Document number	Title	Note
SI67.10-P-0001A	Stone chipping repairs at laminated glass windows	On vehicles with a windshield heater (F49), the windshield should be replaced in the event of a stone chipping in the black area.

Symptoms

Body > Glazing > Front windshield > Damage

XENTRY TIPS

Body > Glazing > Windshield heater > Poor heating output

Body > Glazing > Windshield heater > Malfunction

Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
			6702174	