Quality Control and Heater Output Test Program – Preparation for Test

1. Perform "Function Test" 11/1 and allow vehicle to stand outside overnight.
2. Install temperature probes, see Figure 1 for Quality Control and Figure 2 for Heater Output.
3. Outside air temperature < + 15°C.
4. Refrigerant temperature < + 40°C.
5. Side windows and pop-up and sliding/pop-up roof closed.
6. Attach temperature probe to right sun visor (arrow, Figure 1) and connect to multimeter, thereafter turn on multimeter.
7. Drive vehicle approx. 10 minutes before starting the measurements.

   With outside air temperatures < 0°C, a longer test drive is required.

Electrical wiring diagrams :
Electrical Troubleshooting Manual, Model 202/208, Vol. 2, Group 83

Do not perform the A/C tests with the vehicle in the service shop, perform tests on vehicle which has been parked outside overnight.
Interior temperature < + 20°C.

Test equipment; See MBUSA Standard Service Equipment Program

Description	Brand, model, etc.
Multimeter [1)]	Fluke models 23, 83, 85, 87 with thermocouple Module 80TK
Manifold gauge set (for R134a only)	Local purchase
R134a Recovery/Recycling/Recharging Service Equipment	Local purchase

1) Available through the MBUSA Standard Equipment Program.

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Quality Control Test
Attach Temperature Probe

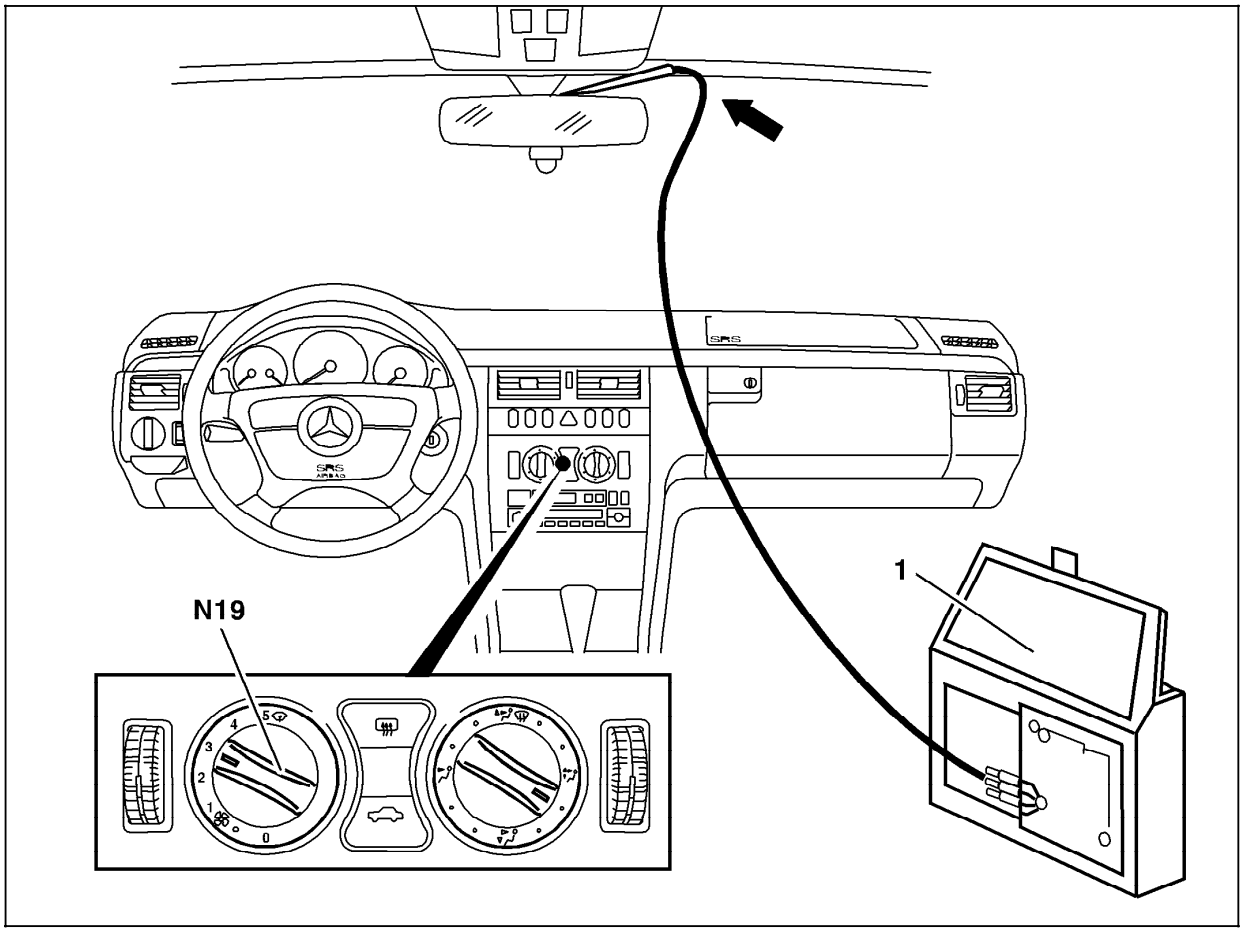

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Figure 1

1	Temperature measuring equipment
N19	A/C pushbutton control module
Arrow	Location (at sun visor) of temperature probe

Quality Control and Heater Output Test Program – Preparation for Test

Heater Output Test
Attach Temperature Probe

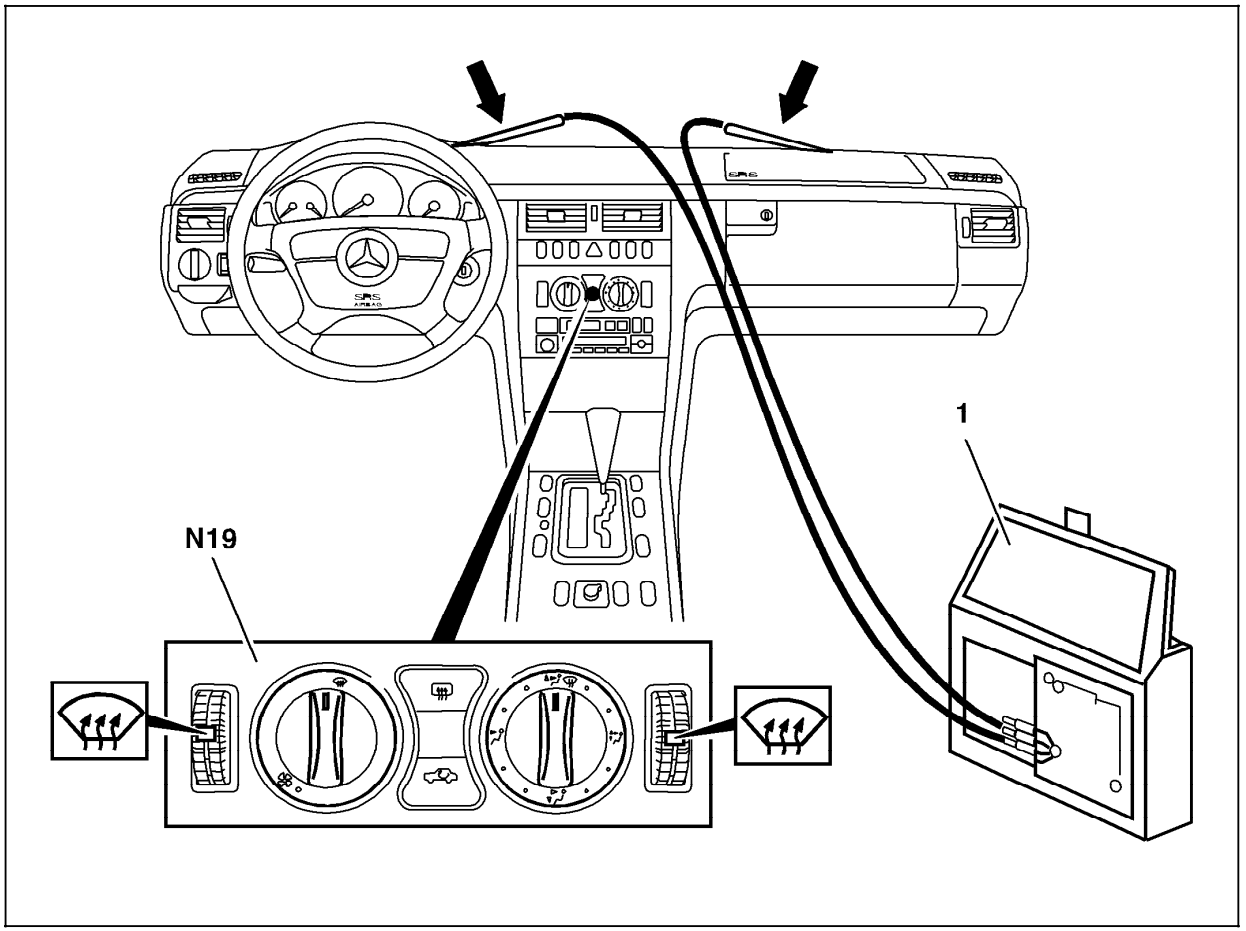

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Figure 2

1	Temperature measuring equipment
N18	Heater pushbutton control module
Arrow	Location (left/right defrost vent) of temperature probe