

The partnership always worked, and the quality was always perfect.

Robert Graf

Former engineer at Bombardier

On the move together

The former Bombardier engineer Robert Graf and Sefag are linked by a long and fruitful partnership in the field of automotive engineering. Although he is now retired, Graf can still be found in Malters working on an ambitious project.

Robert Graf is a well-known name at Sefag Components AG. The production engineer worked at the automotive engineering group Bombardier for 14 years. During this time, he counted on the support of the electrical engineering specialists from Malters on several occasions. Even today, he is still in touch with his contact partners from back in the day, as the now-retired Graf proudly explains.

The professional relationship is still ongoing. For around two years Graf has been a member of the association «Historischer Triebwagen 5», who have set themselves the goal of restoring an old railcar dating back to 1939 purchased from the Südostbahn and bringing it back to a perfect, working condition. «A mammoth task!» as Robert Graf knows only too well. The team is currently still working on dismantling the railcar. One of the key tasks at the moment is the final installation and connection of the contactor battery, something that Graf is dealing with personally.

Power transmission



in motion



under load



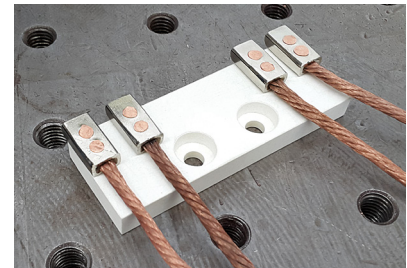
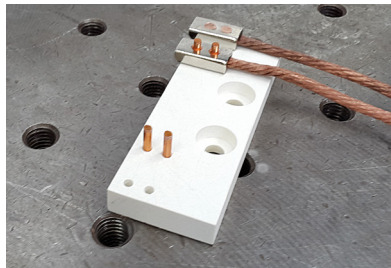
between materials



in tight spaces

«Not everyone is daring enough when it comes to the electric system,» he explains with a smile.

Graf was soon confronted with a challenge that he was unable to master on his own. «The contacts, cable lugs and insulating panels on the auxiliary contacts of the contactor were all connected with the same rivets,» he explains. «This meant that the mechanical and electric connections were coupled. At Bombardier, we always worked according to the principle that mechanical and electrical connections had to be separate, so we wanted to do the same here too.»



Sefag project manager Jonathan Hausheer was immediately fascinated by the task at hand. «We invited Mr Graf to Malters in order to take a look at everything together,» he explains. «We then developed a solution for him and also provided a sample of it as well.» With the problem solved, the association then ordered 60 auxiliary contacts, an earth connector and various other parts from Sefag Components AG. «We had already bought the insulating parts ourselves. The specialists from Sefag then riveted these cleanly with the crimped copper connections,» comments a pleased Robert Graf.

Contacting Sefag Components AG whenever a new project comes around is only natural for Robert Graf: «The partnership always worked, and the quality was always perfect. I was responsible for the assembly of prototypes – we relied on partners that both developed new ideas and were also able to deliver on time and with the necessary flexibility. Sefag always did everything in their power to develop a perfect solution for us as their customer.»

**Additional information
on the association**

«Historischer Triebwagen 5»:

www.triebwagen5.ch

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in power transmission.

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