



## FULL VINTAGE CAR RESTORATION



zepecki AUTO company was established in 1985 by an engineer, Maciej Rzepecki. In the beginning it functioned as a service station where, from time to time, vintage cars – whose fan, connoisseur and collector the owner is – were being restored. With years passing, the passion for vintage cars has changed the thriving service station into sheer kingdom of vintage cars. At present the company is restoring about twenty cars a year, which comes to an annual balance of twenty truly satisfied customers from Poland as well as from Great Britain, Germany, the Netherlands, Denmark or France. The renovation is of the highest level. Cars leaving the garage become different contests laureates but most of all they are the owners' pride and joy, and a good mark of Rzepecki AUTO company. Cars restored at Rzepecki AUTO company are something more than polished details and beautiful look that give pleasure to the eyes. Our basis is for our customers to derive pleasure from using cars. That is why we put great emphasis on mechanical engineering and reliability of vehicles. The best proof is the fact that most owners of the vehicles we had the pleasure of dealing with willingly take part in rallies, including the "Royal Rallies" organized by our company. Moreover, as for now, it has never been the case that some of the cars did not finish a race due to technical difficulties. For that reason we offer two years' guarantee on all works done by us. Our headquarters are in small town, Jabłonna, just a few kilometres from Warsaw. We take pride in our two halls with modern equipment. All our employees have their own specially separated positions where bodywork, upholstery and assembly works are being done. Best quality equipment and highly qualified staff can turn the greatest wreck into a car of one's dreams.

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enovation of old vehicles is not only interesting but also fascinating process, worth knowing more about. Especially when our beloved vehicle is concerned. Turning a wreck into a complete car that looks as if it has just left a production line we always begin from dismantling the vehicle into individual pieces.

Although not many people are aware of that, this is a very important moment when we can check the completeness of a vehicle and verify the parts in respect of their future usefulness.

Then, our works go double-track: we reconstruct the body as well as the mechanical elements of a car. Bodywork repair we begin from preparing the body by sand blasting with electro corundum, which removes the layers of old painting and corrosion on metal objects. For cars with aluminium covering we use glass blasting, which cleans aluminium surfaces in less invasive manner without deforming them. After removing the shells and corrosion we fix the body by TIG and MIG methods. When it is necessary, due to lack of possibility to purchase a ready-made element of construction or covering, we manufacture the parts. After the body works have been completed, we sand blast the body again and then we protect it against corrosion by spray-on zincing in Hempel technology. Next, we join it with PU joint to finally cover with epoxy primer by "RM" company. The next step bringing us closer to restoration of our beloved car is coating. This incredibly difficult yet so essential stage which influences the final look of a car is done by our partners from AUTO-BLAK Classic Car Refinish company (www.auto-blak. pl). Thanks to careful and thorough work of Auto-Blak CCR's experts bodies look so amazing.

The final coating is done according to "RM" company technology with multi-layers paints. The next and final stage of body renovation works is protecting closed sections and putting an elastic layer on bottom parts of the body.

While the body is re-gaining its old brightness, our mechanics start dismantling, verifying and reconstructing all mechanical units – engine, driving system, suspension, and power system and electric devices. Dismantled sub-assemblies we put into pieces which we de-rust, zinc and powder paint. Next, we assemble them using new rubber-joined elements and bearings.

For each car we make completely new power system according to original designs, using modern insulating materials. We reconstruct all electric devices.

Next stage – when body is painted and protected against corrosion – is the final equipping of a car, namely, assembly of suspensions, driving system, engine, power system, and body equipment: upholstery, door elements, windowpanes, seals, bumpers, and in case of convertibles – roofs. One of the greatest prides of our company is own-made upholstery, which has the main influence on drivers and passengers' comfort and is made according to the highest quality standards. All elements of upholstery are made using original materials.

After finishing the reconstruction we do test drives and initially run in the car.

During the whole reconstruction process we make detailed photographic documentation, which is then given to the owner together with a book on car's reconstruction history produced by us.







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