

*Rick's Harley-Davidson<sup>®</sup>*  
BADEN-BADEN| Authorized Harley-Davidson<sup>®</sup> Dealer

## Spettacolo

Rick's is well known for many custom parts and bikes, which are all made to the highest perfection in Baden-Baden in southern Germany, and on this Harley-Davidson Fat Boy many of these parts were used. Especially striking is the 300 tire, but the question is, how this XXL tire fits into the swingarm.

The answer is simple, it doesn't. At least not into the stock swingarm, and a simple widening of the swingarm is not the solution. Rick's already had a special swingarm for the Twin Cam models in the program, but with the new Milwaukee-Eight Softail models from 2018, everything changed, and nothing fitted any longer, and the whole swingarm construction had to be redrawn. The main problems with a wide tire conversion are, as already mentioned, that the wider tire does not fit the stock swingarm, but that's not all, as the belt drive would also touch the wider tire. Before, the wheel was simply located a bit further to the right, and the primary with a tooth kit to the left. In this way it is possible to run the belt past the tire, but the motorcycle geometry suffers enormously. If the wheels don't run centered, the first bend will present a problem. Rick's found a solution, which in theory sounds simple, but is a challenge for the developers.

At Rick's they split the belt drive into two parts and then inserted an intermediary shaft. In this way not only can the second belt be repositioned, but with this trick the wheel can also be centered, and it is surprising how even the smallest bends can be negotiated easily. The explanation sounds simple, but even with the experience and know-how gained from the Twin Cam swingarm, the new construction for the Milwaukee-Eight Softail models took a lot of time to develop as a Rick's part not only has to be functional, but also has to work perfectly for many kilometres and make the TÜV testers happy too.





Tech Facts







## Parts-List "Spettacolo"

Alle Infos zum Bike unter: <https://ricks-motorcycles.com/en/bikes/softail/spettacolo/>