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## DUCATI 749 BP

### FRONT

The front forks on the 749 Biposto are Showa forks. They are a well designed fork, but in our opinion the set up of the forks can be improved. One of the big problems is the lack of rebound damping, this means that when you let go of the brake or accelerate the forks extend too fast. This means that the bike does not turn in to corners as good as it should, and will also have a tendency to run wide when exiting corners. The front forks also have too much compression damping making them feel "sticky" and "harsh" over small bumps in the road, this can make the front end a little "twitchy" under hard acceleration. We revalve the fork internals increasing the rebound damping and reducing the compression damping. We also fit springs to suit your rider weight, replace the solid bump stop with progressive spring stop and increase the range of damping adjustment. The forks are valved and sprung to suit your rider weight and what you use the bike for. The cost of the fork conversion is £405.00 + V.A.T. We also fit new seals when we convert the forks that cost an extra £25.00 + V.A.T per pair. We can also just simply service the forks, this costs £130.00 + V.A.T

### REAR

The rear shock on the 749 is also a Showa unit. Like the forks the shock is a good quality unit but there are improvements that can be made. The standard spring fitted to the unit is too soft for the average rider weight, this makes the back of the bike sit down under power. Combined with the lack of rebound damping in the front forks, this makes the bike run wide out of corners. The rear shock does not have enough rebound damping either, this causes the back of the bike to extend very quickly and feel "loose" on bumpy roads. We revalve and respring the unit, fitting

a harder spring to suit your rider weight and increasing the rebound damping to get control of the harder spring. If you just fitted a harder spring the shock would have even less rebound damping than before. For this reason it is important to revalve the shock absorber. The cost of revalving and respring the unit is £180.00 + V.A.T.

When we revalve and respring a Showa unit, we are basically trying to make the unit perform like a Maxton shock absorber. We can change the base set up, but we can not increase the range of damping adjustment or stop the damping "going off" when the shock gets hot. If you want a better quality unit that will perform better we recommend a Maxton unit. The Maxton unit is a fully adjustable shock absorber via a shim stack system, it has a spring measured to suit your rider weight and for what purpose the bike is used for. The unit is also adjustable for preload, rebound damping and high and low speed compression damping. The RT10 unit is a piggy back remote unit like the Ohlins and costs £630.00 + V.A.T