

GY 601 Tips

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The Futaba GY601 is a very high performance gyro. Its lightening fast servo the S9251 can not be used with any other receiver due to its high data rate requirements. In order to maximize the life of this expensive servo you should avoid excessively high gains. I have found that increasing the gain of this gyro does not substantially improve the holding power while it does over work the servo and cause them to burn out prematurely. I like to keep my gain settings under 40%. This setting is more than adequate on all my models. This gain is the gain shown on the gyro screen which may or may not match your radio settings. Always go by the gain displayed on the control module.

The other thing you can do to increase the life of the servo is to make sure the limits on the control module are above 100% Anywhere from 100% to 130%. Setting the limit below these seems to over work the servo. I also like to make the limit settings for the A side and B side the same. You accomplish this by mechanically adjusting the tail rotor linkage to be in the middle of its travel at center stick. Make sure you do this in non-heading hold mode. Once you have the linkage mechanically centered it should hit the left and right stops and the same limit setting. Now adjust the servo wheel diameter such that you can achieve over 100% for the limits. Again, make sure the A and B side limits are the same.