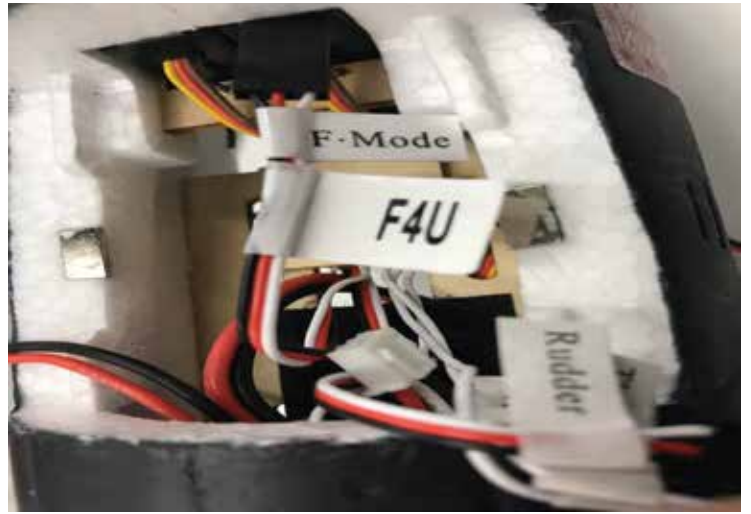
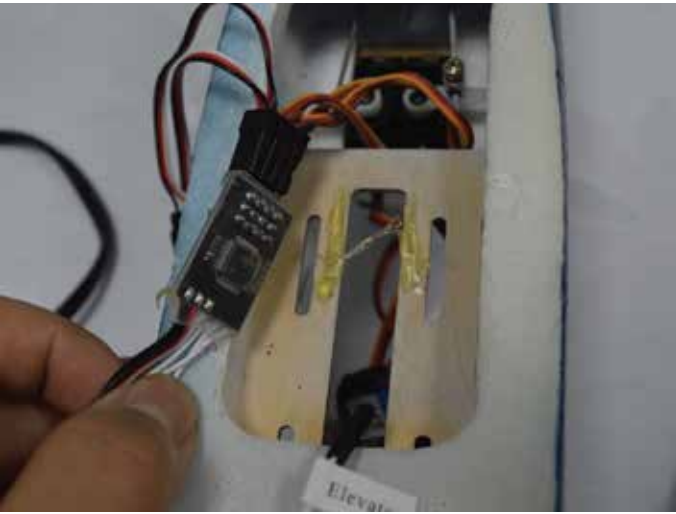


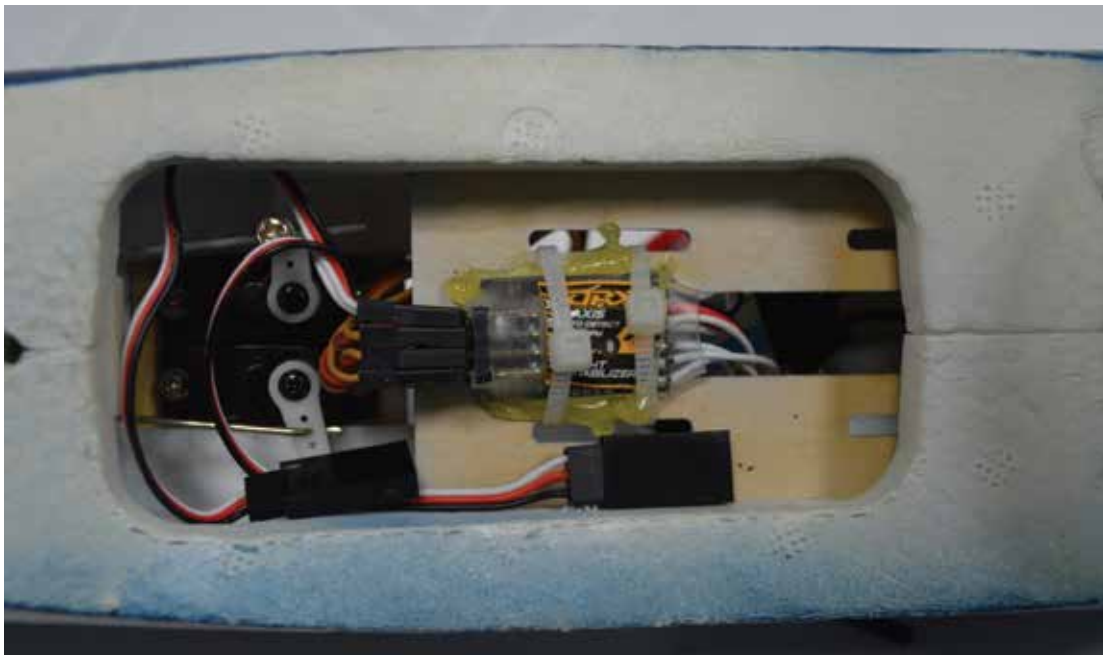
F4U Corsair replacement gyro installation guide

F4U's Gyro assembly steps



1. First, use a hobby knife to cut off the zip-ties and gently pry off the faulty gyro from the tray.

2. Install the new gyro which comes with the kit . The new gyro has a F4U label taped on the flight mode lead. First, peel off the backing paper from the double sided tape and stick it to the plywood gyro mount. Pay careful attention to the gyro placement orientation, the signal wires should point towards the cowling. Then, press the gyro firmly onto the tray and use the supplied zip-ties to further secure it to the board as shown in the picture below.



3. Connect up all the servo leads and signal wires to the corresponding channels on the gyro and receiver respectively.

4. Gyro installation is complete.

5. Setup:

Place your F4U Corsair on level ground. Plug in your battery flight pack and let it sit still, at this moment the plane is in auto self-calibration mode. The LED light on the stabilization device will keep flashing rapidly for 3-6 secs, then the light will remain solid. In the mean time the aileron, elevator and rudder control surfaces will move up/ down and left/right 3 times to indicate the self-calibration is successful.

When the self calibration has been carried out the stabilization system is still not in ready mode. Now check to see if all the control surfaces are in a neutral position. If not, please adjust the push-rod clevises to ensure all the control surfaces are in neutral position before flight, then cycle the battery power to store this setup.

After all these setup procedure have been completed plug in the battery once again and wait until all the control surfaces move up/down and left/right 3 times to confirm the selfcalibration before flight.

At this point the gyro is not in ready mode until you give the throttle a short blip 10-15% in order to switch on the stabilization system. Check that the gyro responds accordingly to the plane when being tilted up/down, left/right and the roll.

- LED indication status
- LED light off (No radio signal)
- LED light flashes slowly (Expert mode) ●Led light turns solid (Beginner mode)

To arm the stabilization system you need to open the throttle to a low setting for 1 or 2 seconds then close the throttle. Now pick the model up and check to see if it is in beginners mode or advanced mode. To do this move the nose up and down with the battery hatch off and watch the elevator servo movement. If it's in beginners mode the servo will move quite a bit, in advanced mode the servo will move less. Set the stabilization system into beginners mode then check that it is working correctly by doing the following test. Roll the aircraft to the right, the left aileron should go up and the right down. Roll the aircraft to the left and the right aileron should go up and the left down. Move the nose down and the elevator should go up, move the nose up and the elevator should go down. Move the nose of the aircraft to the left and the rudder should move right, move the nose right and the rudder should go left. If all works correctly then you are ready to fly.