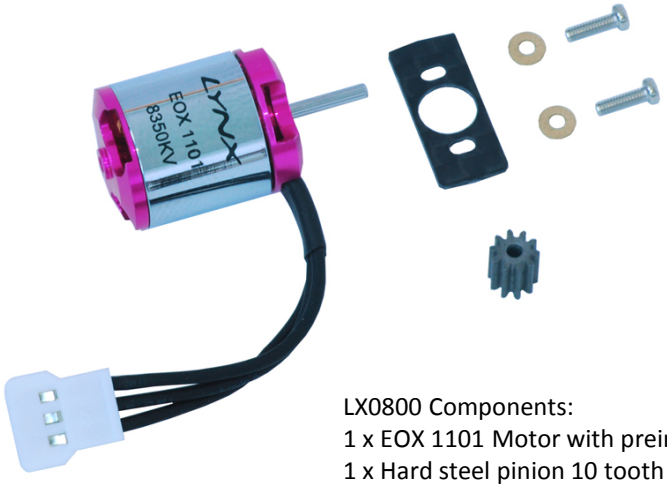
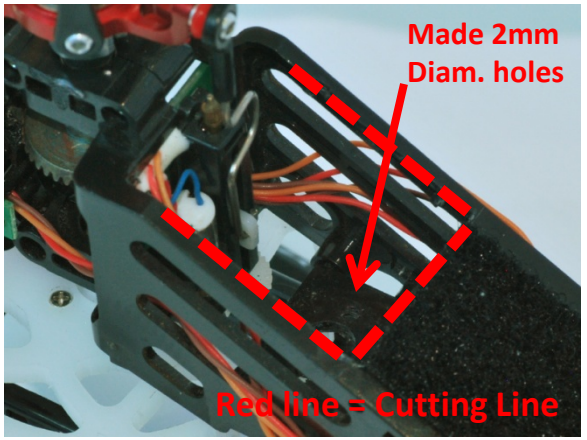
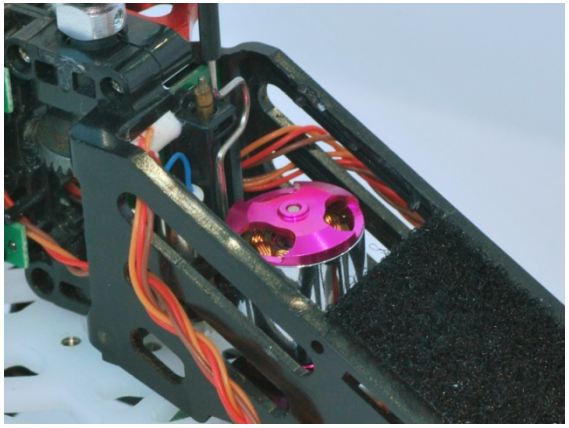
LX8000 – EOX MOTOR 1101-2S-8350KV - ASSEMBLY MANUAL



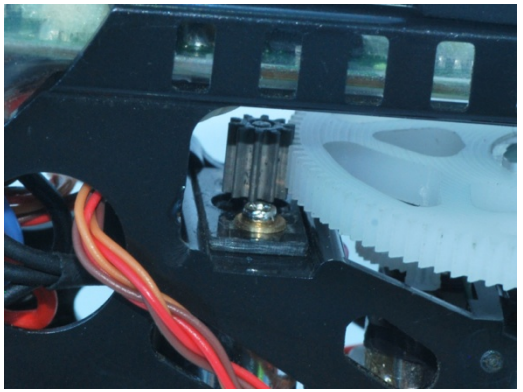
LX0800 Components:
1 x EOX 1101 Motor with preinstalled connect plug
1 x Hard steel pinion 10 tooth
1 x Carbon Fiber Motor Stiffener plate
2 x PAN head screw M1.4x5
2 x Brass Washer



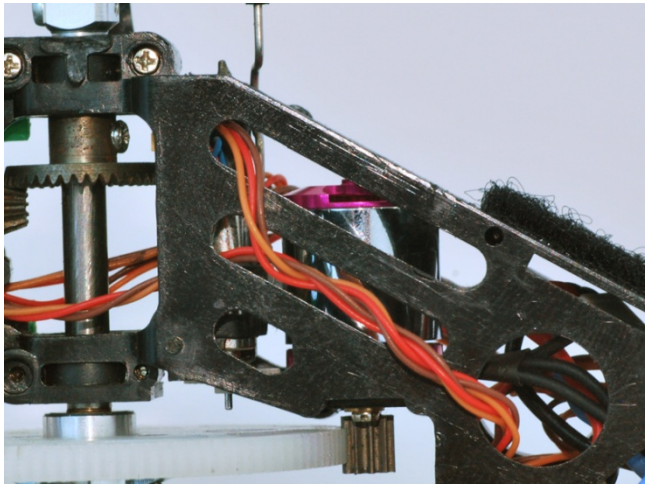
Step 1
Remove the actual motor and using an exactor Knife or a Dremmel cut the upper frame lips that normally support the standard motor. Refer to the picture shown for reference cut.
Increase the diameter of the 2 motor fixing hole at 2 mm, if you don't have a drill you can simple use the exactor knife tip as cutting tools. This operation is important for the perfect pinion mesh, see later step 3



Step 2
Insert EOX motor and check for any binding, eventually redefine the cut per Step 1. Rewind the 4 servo wire like show in picture to avoid motor case contact. EOX motor is out runner, than the motor case rotate and can cut the wire if not fixed in the correct way. Install the pinion using retaining compound as Lynx LX5648 or equivalent.



Step 3
Finalize the install using the supported parts:
Carbon fiber plate, 2 x Brass Washer and 2 x PAN head screw M1.4x5
Add thread locker as Lynx LX5242 or equivalent on the screw.
Set the correct play / mesh between pinion and main gear .



Step 4
Before fly, check one more time that anything touch the motor body.

IMPORTANT USER INFORMATION:
We REMIND that Lynx EOX 1101 – 2S 8350 KV CANNOT used with 3S LIPO configuration, MAX Input Voltage is 8.4V, 2S LIPO. Extra Voltage can damage the Motor and you're ESC.
In case of 3S battery configuration use motor EOX 1102 – 3S – 5500 KV

EOX 1101 has 8350 KV, that are higher than standard motor. During all our test we define the 10T pinion the best compromise between RPM and power draw/fly time. With Standard main gear and 10T pinion , max RPM will be around 5500.
Lynx offer as option the 9T and the 11T Pinion as well for you personal Heli set-up.

Thanks for your Lynx purchase, for any extra information about assembly of present Lynx product, please visit lynxheli.com web site and submit a service ticket..