



**Spears Racing**  
15253 S.Inheritance Way  
Manteca Ca, 92336 USA

## INSTALLATION PROCESS:

### **SP320 Chain Adjuster/Swingarm Spool Kit**

#### **RACE USE ONLY!**

#### **Step 1:**

Identify the key components that complete our Chain Adjuster/Swingarm Spool Kit:

You should have a total of (2) Two units, 1 for the left side and 1 for the right side. We strongly suggest having a professional mechanic install these Engine Kits, all other installations VOID warranty. Inspect your brake system after every race.

#### **Step 2:**

Choose your side to start on, The OEM chain adjuster is held into place with the (2) two 12mm nuts, the reason for two nuts is so they will not loosen and completely fall off jamming together. First things, you can use a 12mm box or open end wrench and a deep socket, or as I prefer to use two 12mm wrenches, loosen the two nuts from each other and you should be able to hand spin the one nut off completely, once this is done loosen the other nut with the wrench and once it is away from the OEM backing plate it too should spin off by hand.

#### **Step 3:**

Once the nuts are off of the internal adjuster, you should be able to remove the OEM chain adjuster backing plate, once you have the OEM plate off, wipe the swing arm down in the area of where the Spears Racing Chain Adjuster is going to fit (this will insure that it will be a good tight fit) now find the correct Spears Racing Chain Adjuster for the side your working on and slide it onto the threaded part of the OEM adjuster, once this is done install the (2) two 12mm nuts back onto the adjuster and make sure you put them back into the position you removed them from ( all the way against the Spears Chain Adjuster, make sure that you hold the one closest to the adjuster and tighten the second one to the first one ).

#### **Step 4:**

Once you have accomplished the mounting of the Spears Racing Adjusters you will now install the spool part of the kit. The spool part is a multi part unit, an outer part (black delrin) that screws into the slider, aluminum slider, a second piece of black delrin (inner side) and a 8mm machined bolt. Remove the outer piece of delrin and you will see the 8mm allen head bolt, at this time I would put a drop of Loctite or any locking agent onto the threads of the bolt, find the correct allen wrench and tighten this down with the black spacer between the spool slider and the adjuster. Once you have finished this you now can install the outer black delrin into the slider (a tiny bit of locking agent on the threads will be good). Now you can move to the other side and repeat this procedure.

#### **Step 5:**

As an industry leader in Lightweight motorcycle products and service Spears Enterprises/Spears Racing is always learning and willing to hear from you, please let us know how we are doing by emailing us @ [spearsracing1@gmail.com](mailto:spearsracing1@gmail.com) or calling us at 209-923-4684.

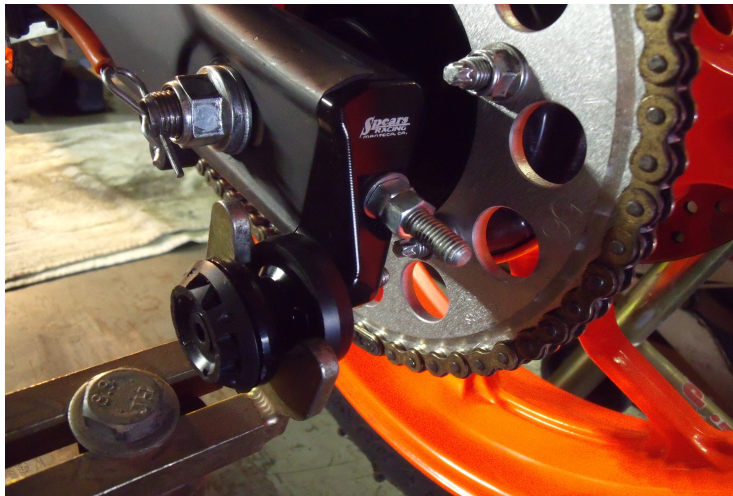
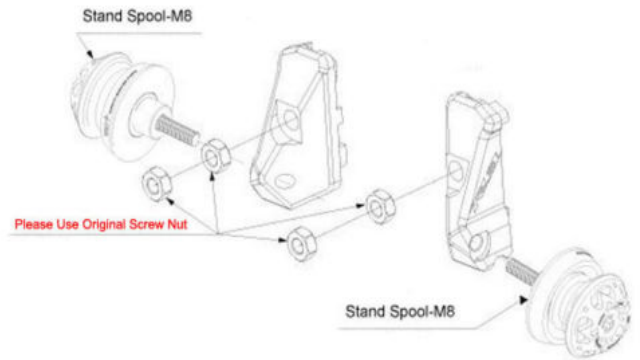


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### Complete Spears Racing Kit



### Complete Drawing



### Left Side Installed

### Right Side Installed

