



## 1999-2004 Kawasaki KX125 Billet Clutch Basket

### 1. Remove basket

- Remove the pressure plate and the inner hub
- Remove the basket from the bike

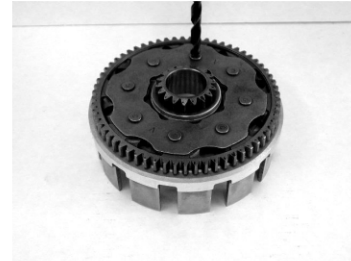


Figure 1

### 2. Remove gear

- Grind or center punch and drill the heads of the rivets off of the back of the basket to remove the stock retainer plate (see figure 1 and 2)
- Remove the primary drive gear and the stock cushions
- The stock basket, retainer plate, and cushions will not be reused
- Press the kickstarter gear out of the basket (see figure 3)



Figure 2

### 3. Install kickstarter gear

- Place the kickstarter gear in the freezer for at least 15 minutes
- Place the Moose basket (without screws and retainer plate) on a preheated electric range set on high for 3-4 minutes (see figure 4) or put the basket in a preheated oven at 400° for 10 minutes
- Remove the gear from the freezer and basket from the range and immediately drop gear into basket and apply weight downward to the gear to keep it in the basket, then allow the basket to cool down completely

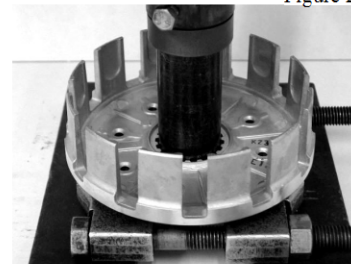


Figure 3



Figure 4



Figure 5



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### 4. Install primary drive gear

- Install the primary drive gear and the new Moose cushions onto your new Moose Basket with the flat surface facing up (Figure 5), use a lubricant such as WD-40 if necessary
- Clean the threads in the holes of the basket and the threads on the screws with contact cleaner or another suitable cleaner.
- Apply Red Loctite \* generously to the cleaned screws and to the threads on the basket (Figure 6 and 7)
- Install the new retainer plate with the new 10X24-1/2" screws and tighten them to 3.3 ft/lbs (Figure 8)
- Using a hammer and punch, peen the screws where they come through the inside of the basket

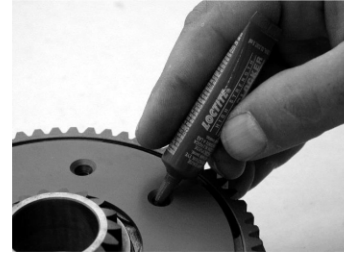


Figure 6



Figure 7



Figure 8

### 5. Re-install basket into bike

- Re-install the basket and the thrust washer
- Re-install the inner hub and tighten the main shaft nut to 72 ft/lbs (Figure 9)
- Re-install the clutch plates, and the pressure plate

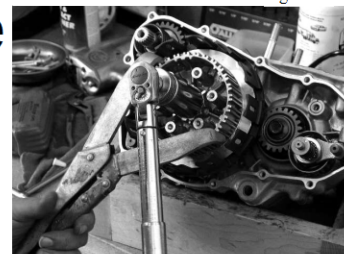


Figure 9

**LOCTITE** \* It is crucial that you use RED Loctite. To insure proper bonding of the surfaces you need to clean the threads thoroughly with a contact cleaner, acetone, or another cleaning/degreasing solution. To make the bond even stronger you should use a Loctite primer. It is important that you use fresh Loctite since it has a shelf life. To ensure a permanent hold you need to put Loctite into the hole and also onto the screw. Keep in mind that you cannot use too much, you want complete coverage with the Loctite.