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Warranty information

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THANK-YOU FOR BUYING A HINSON CLUTCH COMPONENT



**Billetproof Clutch Basket Yamaha
YXZ1000R/SS 2016-2109**

Thank you for purchasing Hinson Clutch Components. Please enjoy the high level of factory performance we have included in this package. Looking through these instructions will ensure your machine is on the way to its highest level of performance.

H269-B-1016



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1. Remove basket

- Drain oil
- Remove the clutch cover
- Remove the spring, spring seat, spring ring, and pressure plate and the inner hub and main shaft nut (note we do not recommend to reinstall the used main shaft nut again, a new oem nut should be installed to prevent damage)
- Remove the basket

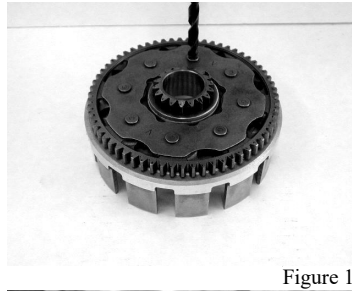


Figure 1



Figure 2



Figure 3



Figure 4



Figure 5

2. Remove gear

- Center punch the heads of the rivets on the backside of the basket and drill the head of the rivet off so the retainer plate can come off (Figure 1)
- Or you can grind the heads of the rivets off of the back of the basket to remove the retainer plate (Figure 2)
- Remove the primary drive gear and the spring washer and seat under the primary gear (Figure 3)
- The stock basket, stock cushions, and stock retainer plate will not be reused

3. Install primary drive gear

- Install the stock primary drive gear and your new Hinson cushions onto your new Hinson Basket, (figure 4) you are able to use a lubricant such as WD-40 to get the gear to slide on easier

4. Install retainer plate

- 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 5 and 6)
- Install the new retainer plate with the counter bore and numbered side facing out and the new 1/4-20-7/8 " screws and tighten them to 132 in/lbs (Figure 7)
- Using a hammer and punch, peen the screws where they come through the inside of the basket (Figure 8)

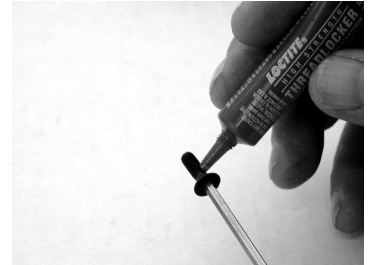


Figure 6



Figure 7



Figure 8

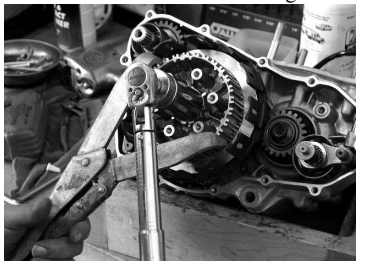


Figure 9

5. Re-install basket into bike

- Re-install the basket and the thrust washer
- Re-install the inner hub being sure to use a new oem nut tighten the main shaft nut to manufacturers specifications , then peen nut over in flat area on main shaft tip Figure 9)
- Re-install pushrod, top hat, the clutch plates, the pressure plate, spring seat, spring, spring ring and bolts torquing to your manufactures specifications, re install cover being sure to inspect gasket

*** Note do not install last fiber plate in the tip of fingers. Keep in same row with other fibers failure to do this will result in serious damage**

- Refill with oil

LOCTITE

* It is crucial that you use RED Loctite #272. 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.