

## Clutch tips

- Use OEM clutch plates in your clutch for the best performance.
- Soak your clutch plates in oil before installing them
- We recommend using a petroleum based 80 weight Transmission Oil
- Change the oil after each time you ride.
- Always maintain 1/8" to 1/4" of freeplay at the lever and perch.

## Warranty information

All merchandise manufactured by Hinson Clutch Components is guaranteed against defects in material and workmanship for a period of six months from the original date of purchase. Use of Kevlar and carbon fiber clutch plates will cause excessive wear and will void your warranty. Hinson Clutch Components will not warranty any product that has been modified, or where the product became defective due to improper installation, improper use, or any other misuse of the product. Hinson Clutch Components shall not be liable for any other damages caused by any defects in the product, whether incidental, consequential or otherwise. You must return the warranty card to validate your warranty. If your product is defective we will, at our discretion, repair or replace the product after it is returned to Hinson Clutch Components for a warranty inspection. Any request for warranty assistance will require your original receipt or acceptable proof of purchase. Hinson Clutch Components liability is limited to the cost of repair or replacement of the product. All warranty items will be viewed and acted upon at the discretion of Hinson Clutch Components .

## Important! Warranty registration

Products must be registered in order to be eligible for warranty. Please log onto [www.hinsonracing.com](http://www.hinsonracing.com) to activate your warranty registration. You will need to make note of your serial number, the small 8 digit number 180 degrees from Hinson Clutch Components on your part, as you cannot register your product without it.

THANK-YOU FOR BUYING A HINSON CLUTCH COMPONENT

\* 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.



## 1993-2001 YAMAHA YZ80 BILLET CLUTCH BASKET



## 1. Remove stock basket

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

## 2. Remove the gear assembly

- From the inside of the basket center punch the head of the rivet (figure 1)
- Using a 5/32" drill bit, drill down through the rivet 3/8" deep to relieve the swelling of the rivet and make the removal much easier. Tip: You can mark the drill bit with tape to the correct depth (figure 2)
- Using the 5/32" hole as a pilot hole, use a 3/8" drill bit to drill and remove the head of the rivet being careful not to damage any of the stock components
- With the basket facing up on a work bench, support the gear around the rivets with a socket and punch the rivets down through the cushions (figure 3)
- You will reuse the stock gear assembly, stock cushions, and the stock retainer plate

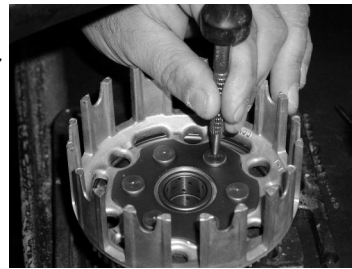


Figure 1



Figure 2



Figure 3



Figure 4



Figure 5

## 3. Install the gear assembly

- Install the cushions onto the Hinson basket and use a lubricant such as WD-40 if it is necessary (figure 4)
- Install the primary drive gear assembly and the stock retainer plate onto the Hinson basket

## 3. Install the gear assembly (cont.)

- Insert the barrel nut through the gear assembly starting from the gear side on the out side of the basket going through the cushions and basket (figure 5)
- Clean the threads of the screws and the barrel nuts with contact cleaner or another suitable cleaner
- Apply Red Loctite generously to the cleaned screws and to the threads of the barrel nuts (figure 6 & 7)
- Tighten the screws to 3.3 ft/lbs (figure 8)



Figure 6

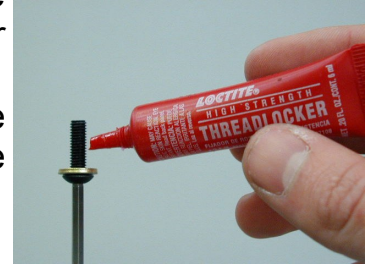


Figure 7

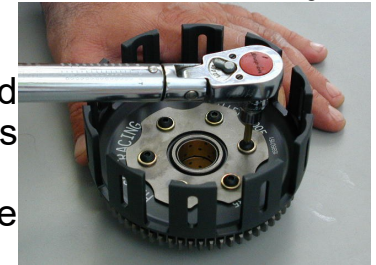


Figure 8

## 4. Reinstall Hinson basket

- Reinstall the basket and inner hub and tighten the main shaft nut to manufactures specifications.
- Install the clutch plates and the pressure plate

