

HINSON

CLUTCH COMPONENTS

Racing

**Complete Billetproof Clutch Kit w/ Straight Cut Gears Yamaha YFZ350 Banshee
(8 plate) 1987-2006 / RZ350 (8 Plate) 1984-1985 / RD400 (8 Plate) 1976-1979**

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.

HC120



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1.Remove basket

- Remove the pressure plate, clutch stack, and the inner hub
- Remove the basket from the bike.
(stock basket will no longer be needed)
- Remove the stock crank gear.



Figure 1

2. Install new basket

- Your new Hinson clutch basket comes ready to install.
- Install new Hinson crank gear (figure1)
Torque to manufactures specification

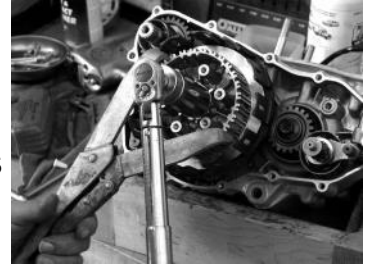


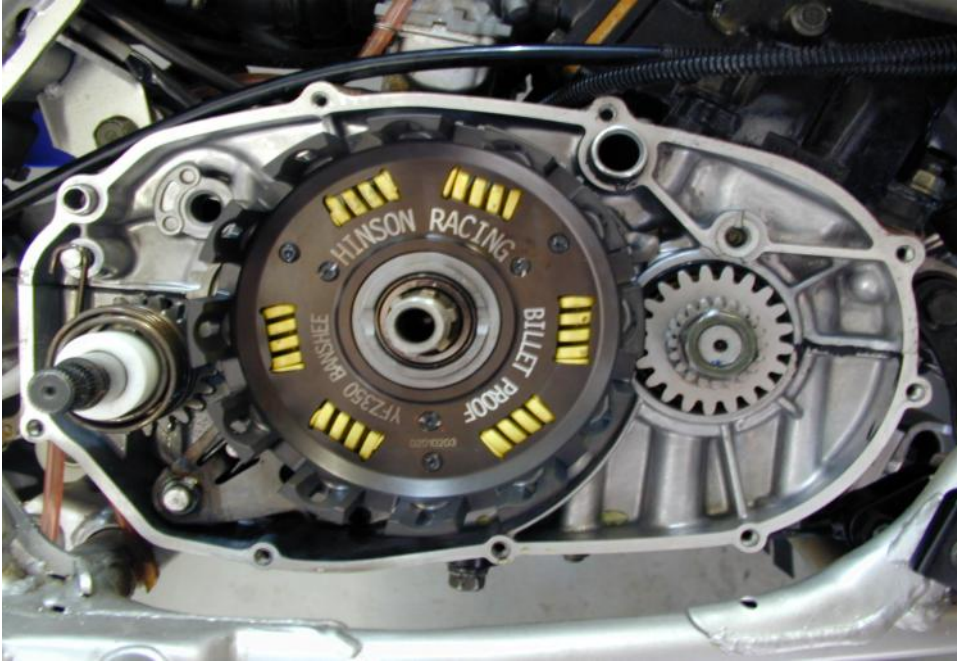
Figure 2

3. Re-install basket into bike

- Re-install the basket and the thrust washer
- Install the Hinson inner hub and tighten the main shaft nut to manufacturers specifications (figure2)
- Install the Hinson clutch plates, and the pressure plate and clutch springs
- NOTE: With 8 plate set up. If you do not use Hinson clutch plates there is a chance your pressure plate will hit the cover. If this happens you can grind the nubs down on the inside of your cover.

Crucial Inspection

If your clutch has a jutter spring and seat ring, located at the bottom of your clutch pack against the inner hub, these need to be removed



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 Loc-

Clutch tips

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

HORSEPOWER RECOMENDATION

MOTORS MAKING 70 PLUS HORSEPOWER, SHOULD USE HINSON STRAIGHT CUT SPRING DAMPENED CLUTCH BASKET.
PART # H120

Other parts available for this model

- CS016-6 YFZ350 clutch spring kit
- H120 Hinson straight cut spring dampened clutch basket
- FP016-8 Fiber clutch plates (set of 8)
- SP025-7 Steel clutch plates (set of 7)
- H178 YFZ350 Removable clutch cover

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 may 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 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