Other parts available for this model

Check out our web site www.hinsonracing.com for more parts available for these models.

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 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

HINSON CLUTCH COMPONENTS Racing

SS589
Billetproof Single Spring Inner Hub / Pressure Plate Kit Honda CRF450R



1630 W. 11th St. Unit E, Upland, CA 91786, P 909 946-2942, F 909 985-2301, www.hinsonracing.com

1.Remove IH / PP

- Remove stock pressure plate and inner hub
- Replace the stock washer between the basket and your new inner hub with washer supplied



Figure 1

2. Installing single spring

- Install your new Hinson inner hub.
- Apply Loctite #272 to nut (figure 1). Install stock nut and washer and lock washer provided. Tighten to manufactures specifications. (figure 2)
- Install clamp hub. Note this will be loose till bolts are installed
- Install main disk spring, locking ring, and sir clip. (Figure 3)
- Install fiber and steel clutch plates (figure 4)
- Reinstall top hat, bearing, and washer. (figure 5)
- Install bolts into pressure plate. Properly snug all pressure plate bolts in a cross pattern so as not to bind the clamp hub. (figure 6 & 7)



02400-C

Figure 2



Figure 3



Figure 4



Figure 5

4. Reinstall stock parts

- Reinstall clutch cover



Figure 6

5. Clutch tips

For the best performance and life of your clutch assembly, we recommend you use Hinson clutch plates, use a petroleum based 80 weight transmission oil and that you change your oil after each time you ride. We recommend you soak your clutch plates , in oil, before you install them.

- **<u>Always</u> maintain 1/8” to 1/4” of freeplay at the lever and perch.**

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-