



Complete Billetproof Conventional 5 Spring Clutch Kit Kawasaki KX250

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.

HC557-2102



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1. Remove basket

- Remove the single springs bolts and pressure plate and the inner hub (note none of these will be reused)
- Remove the basket from the bike

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 and retainer plate and small flat spring under retainer plate will not be reused
- Press the kick starter gear out of the basket (see figure 3)

NOTE if your kick starter gear has a washer between it and the basket. You will re use it.

3. Install kick starter gear

- Place the kick starter gear in the freezer for at least 15 minutes
- Remove backing plate & screws along with set screws from kick starter area.
- Place the Hinson 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
- After installing the kick starter Loctite the three set screws to secure kick starter.



Figure 1



Figure 2

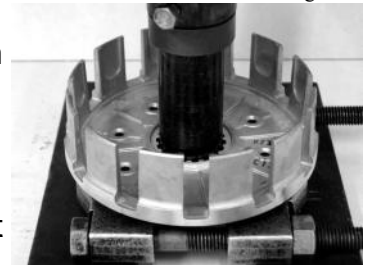


Figure 3



Figure 4



Figure 5

4. Install primary drive gear

- Install the primary drive gear and the cushions onto your new Hinson Basket with the recessed side 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 10X24-5/8" 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

5. Re-install basket into bike

- Re-install the basket and the thrust washer
- Re-install your new Hinson inner hub and washer tighten the main shaft nut to manufacturers specifications
- Install (1) of the fiber plates
- Install (7) steel plates, alternating with (6) other fiber plates
- Install (1) fiber plate
- Re-install your new Hinson pressure plate, springs, and provided bolts. and your new Hinson clutch cover being sure to inspect gasket first.



Figure 8



Figure 9

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

Clutch tips

- Use Hinson clutch plates in your clutch for the best performance.
- Soak your clutch plates before you install them.
- Use a petroleum based 10w-40 weight oil
- Change the oil after each time you ride.

For Other parts available for this model
Visit Hinsonracing.com

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. 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 .

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