

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 Engine Oil
- Change the oil after each time you ride.
- Always maintain 1/8" to 1/4" of free play at the lever and perch.

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.

THANK YOU FOR BUYING A HINSON CLUTCH COMPONENT!



**Billetproof Clutch Basket Yamaha YFZ450R 2014 -2021 /
YFZ450 2007-2009, 2012-2013 / YFM700R Raptor 2006-2014**

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.

H313



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1. Remove basket

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

2. Remove gear

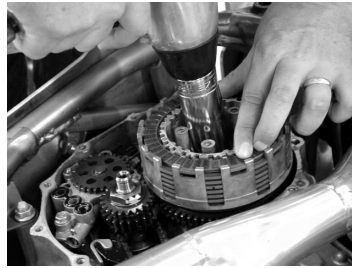
- Remove the primary drive gear assembly and the six coil springs

3. Installing primary drive gear

- Reinstall the primary gear making sure it spins freely side to side
- Reinstall the six coil springs ensuring that they aren't extremely loose
- Reinstall the steel backing plate

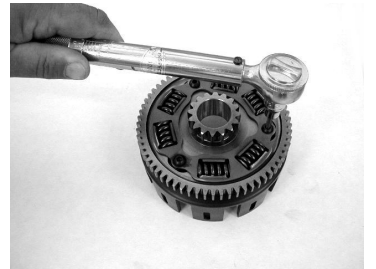
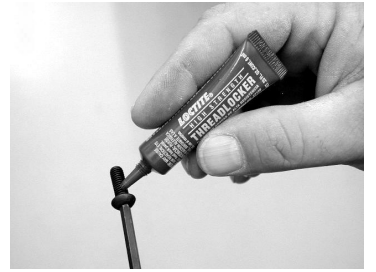
4. Install the screws

- Clean the threads in the holes of the basket and the threads on the screws with contact cleaner or another suitable cleaner.
- Apply Loctite primer to make the bond stronger
- Apply Red Loctite* generously to the cleaned screws and to the threads on the basket
- Install the new 5/16-18x5/8 screws and tighten them to 132in/lbs
- Using a hammer and punch, peen the screws where they come through the inside of the basket



5. Re-install basket into bike

- Re-install the basket and the thrust washer
- Re-install the inner hub and tighten the main shaft nut to manufacturers specifications
- Make sure the inner hub spins freely after being torqued down
- Re-install the clutch plates, and the pressure plate



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-