



## Complete Billetproof Conventional Clutch Kit Yamaha YFZ450R 2009-2021

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.

# HC196-0901



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# 1. Stock parts Removal

- Drain engine oil
- Remove cover and gasket being sure to pay attention to the two locating dowels
- Remove clutch springs and bolts
- Remove the pressure plate and the inner hub.
- Remove the stock basket & thrust washer from the bike.
- You will not reuse your stock basket, inner hub, pressure plate, springs, fibers, steels, spring bolts & thrust washer

## 2. Hinson Complete Kit Installation

- Install new complete Hinson basket being sure that the basket slides all the way in meshing with the crank gear and oil pump gear (\* failure to do this and damage can occur)
- Install New Hinson thrust washer
- Install Hinson inner hub and lock washer and nut being sure to torque your main shaft nut to your manufactures specification
- Bend the lock washer over the nut
- If removed be sure to reinstall top hat and ball bearing
- Install the Hinson clutch pack being sure to soak the fibers for 12hrs before installing clutch pack
- Install the Hinson pressure plate, springs, & bolts being sure to torque to your manufactures specifications
- Install the two dowels in to the crankcase if they were removed
- Inspect clutch cover gasket and replace if needed
- Install your Hinson clutch cover
- Refill with engine oil
- Re adjust your free play to 1/8" to 1/4"

# Clutch tips

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

For other parts available for this model visit [Hinsonracing.com](http://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. 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