



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 purchasing a Hinson Clutch Components product. If you have any questions or need technical assistance, please call us at (909) 946-2942, Monday through Friday between the hours of 7:30AM-4:30PM Pacific Standard Time or check us out at www.hinsonracing.com

For other available parts for your model please check www.hinsonracing.com.



Billetproof Clutch Cover CRF150R/RB

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.

C390



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Billetproof Clutch Cover Honda CRF150R/RB

Congratulations, you have just purchased the finest clutch cover available. All Hinson Clutch Components are manufactured from T-6 aircraft aluminum with tolerances to aircraft specifications. Used by Team Honda, Team Pro Circuit Kawasaki, Team Kawasaki and Team KTM Red Bull. You can count on all our parts being race and championship proven.

Instructions:

1. Drain engine oil
2. Drain coolant
3. Remove brake pedal
4. Remove kick starter
5. Remove water pump cover, note the crush washer placement on the cover drain bolt it is not necessary to remove the radiator hose from the cover. Be sure to pay attention to the two dowel pins and the oring gasket. These will be reused in your new Hinson cover.
6. Remove oil level inspection bolt and crush washer, Install these onto your new Hinson cover
7. Remove all bolts holding the primary cover on. Note the different length bolts and be sure to reinstall in the same position when re installing the new Hinson primary cover. Only one bolt will not be reused in the Hinson cover. (see figure 1)
8. Remove the stock primary cover be sure to pay attention to the two small locating dowel pins and the one big water jacket dowel and oring in the cover or engine cases, these will be reused in the new Hinson primary cover. Also note the crush washer on the end of the water pump shaft or in the case.
9. Clean off any residual gasket material on the engine case to prepare for the new gasket and Hinson cover. (*Note a new gasket needs to be used when reinstalling the new Hinson cover
10. Remove the water pump impeller, shaft, and crush washer (note this is left hand threaded)
11. Heat the stock cover in the water pump bearing area to remove the water pump bearing, this will be reinstalled into the Hinson cover. Place the bearing into the freezer to be ready to install in the Hinson cover later.



12. * Note the original seals in the stock primary cover can be reused but we strongly recommend you install all three new. Removing the original seals can cause damage and failures if reused damaged. Pay close attention to the direction each seal is installed to prevent any issues once installed.
13. Install all three seals (kick starter, water pump, & oil seal) into the new Hinson cover being sure to install in the proper direction
14. Re Install the water pump shaft bearing. You will need to heat the case some in the bearing area to install. (*Note Be sure not to over heat and damage the seals) once warm enough drop the cold bearing in from the freezer being sure it drops in fully. Place something heavy on the bearing while it cools to prevent it from backing out while it cools.
15. Re install the water pump shaft and copper washer and impeller using a blue Loctite on the threads and torqueing it to your manufactures recommended specifications.
16. Be sure both locating dowels and the water jacket dowel / oring, and water pump shaft crush washer are installed in the cases
17. Install the new primary cover gasket
18. Install the Hinson primary cover being sure the gear on the water pump shaft meshes correct before pushing all the way down
19. Re install the primary cover bolts being sure to install in the original location. You will use the m6x35 provided bolt form Hinson in the position of the bolt you set aside earlier (see figure 1) *Failure to do this will cause damage
20. Re install the water pump cover and dowels and oring. Be sure to inspect the oring first and replace if needed. (*note the lower drain bolt must have a crush washer installed)
21. Re install the kick starter and brake pedal
22. Refill with oil
23. Refill with coolant



Figure 1