



CPC Proclimb/Procross Float/Belt Deflection Adjuster

Thank you for purchasing CPC Racing clutch parts, the highest quality performance parts in the industry! This Float/Belt deflection adjuster will perform 2 functions: First it will allow the driven clutch to float left or right on the jackshaft to self-align itself regardless if the driven clutch is partially shifted out or at full shift. This allows the driven clutch to float and perfectly align with the drive clutch and lowers clutch temperatures up to 50 degrees Fahrenheit. Lowering clutch and belt temperatures will extend belt life! Second, it will provide a quick easy way to adjust and fine tune belt deflection adjustment.

Instructions:

1. Remove L.H. side panel, belt guard and drive belt. Then using a 10mm wrench, remove the bolt that secures the driven clutch then slide the driven clutch off from the jackshaft.
2. Depending on how much float that you want to achieve, remove one washer (shims) from behind your driven clutch to start with. If you want additional float, then remove another shim.
3. Apply grease to the jackshaft. Make sure that the splines on the shaft have enough grease to allow the driven clutch to slide easily on the jackshaft. Then slide driven clutch back onto the jackshaft.
4. Using a thin screw driver, remove the black plastic washer from the original driven clutch aluminum retainer plug. Then install this black plastic washer into the small groove of the CPC Float/Belt deflection adjuster nut.
5. Apply grease to the shaft of the CPC Float/Belt deflection adjuster. Make sure that you do not get grease in the treads of the shaft or the end of the shaft that mates up with the end of the jackshaft.
6. Remove the original factory bolt, flat washer and lock washer that held the driven clutch on the jackshaft and slide these components into the CPC Float/deflection adjuster, then insert the CPC Float/Deflection adjuster shaft assembly into the driven clutch and then tighten the bolt with a 10mm wrench. **NOTE: A longer Allen head bolt will be substituted and provided with an Allen wrench tool ONLY when using this part with the CPC Torsional Conversion kit.**
7. Next screw the adjuster nut in or out to achieve correct belt deflection. There is a spanner adjusting wrench provided in your factory tool kit that is marked

with a part number 0644-447 on it. You can use this tool to tighten or loosen the adjuster nut. **Remember that the threads are left handed.** Turn the adjuster nut counter clock wise to loosen the belt deflection (loose belt fit) or you can turn adjuster nut clock wise to make the drive belt tighter. Then using a T25 Torex driver from your factory tool kit, tighten the Torex screw to prevent the adjuster from moving. If you are unsure how tight or loose the belt adjustment should be, then read your Owner's manual or contact your local Arctic Cat dealer.

8. Reassemble clutch guard and side panel.

CAUTION: Never work on or adjust belt deflection while the snowmobile engine is running!