

# ARCTIC CAT / YAMAHA 120 CLUTCH INSTRUCTIONS

REVISED 4/26/2023

**IF YOU ARE INSTALLING THE CLUTCH ONLY DO NOT USE STEPS 2 AND 9.**

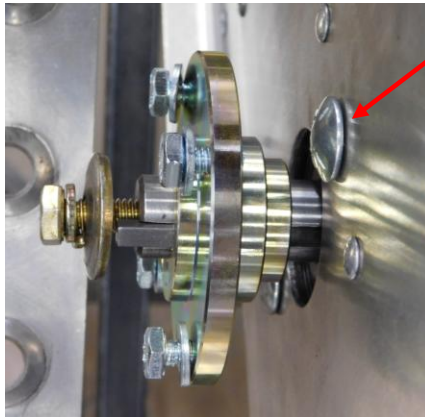
1. REMOVE DRIVE CHAIN.
2. REMOVE REAR SPROCKET COVER, THEN REMOVE CENTER BOLT ON REAR DRIVE SPROCKET AND REMOVE SPROCKET FROM SHAFT.
3. REMOVE BRAKE BAND FROM DRIVE CLUTCH BY LOOSENING THE SET SCREW ON THE BRAKE CABLE CLAMP AND NUT HOLDING BRAKE BAND TO BRACKET.
4. REMOVE DRIVE CLUTCH BY LOOSENING CENTER BOLT AND SLIDING CLUTCH OFF SHAFT; SAVE CENTER BOLT AND THICK CENTER WASHER, THEY WILL BE REUSED.
5. LEAVE PLASTIC CHAIN TENSIONER IN PLACE.

**5A.** GRC-35 GRIPSTER CLUTCH WILL USE THE STOCK BRAKE BAND AND CRANKSHAFT SPACER, BE SURE TO CHECK CHAIN FOR PROPER ALIGNMENT AFTER INSTALLING. IF CHAIN ALIGNMENT IS OFF, USE SUPPLIED WASHERS BEHIND CLUTCH TO ALIGN.

**5B.** ALL HILLIARD CLUTCHES (DOMINATOR, FLURRY, BLIZZARD) WILL USE THE STOCK BRAKE BAND AND CRANKSHAFT SPACER BE SURE TO CHECK CHAIN FOR PROPER ALIGNMENT AFTER INSTALLING. IF CHAIN ALIGNMENT IS OFF, USE SUPPLIED WASHERS BEHIND CLUTCH TO ALIGN.

**IMPORTANT: AFTER INSTALLING THE CLUTCH MOUNTING BOLT YOU NEED TO MAKE SURE TO CHECK THAT THE CLUTCH DRUM SPINS FREELY ON THE BUSHING. SEE RECTECH VIDEO ON OUR WEBSITE FOR PROPER INSTALLATION.**

6. INSTALL NEW BRAKE BAND AROUND CLUTCH, ASSEMBLING IN THE REVERSE ORDER OF REMOVAL. SEE INSTRUCTIONS #3. (NOTE: YOU MAY NEED TO INSTALL EXTRA WASHERS BEHIND BRAKE TO CENTER BAND ON CLUTCH ON SOME MODELS). **IMPORTANT: MAKE SURE BRAKE IS IN PLACE AND PROPERLY ADJUSTED BEFORE TEST DRIVING SLED.**
7. INSTALL NEW HUB AND SPROCKET ON SHAFT AND TIGHTEN BOLTS. MAKE SURE THE 2 BEARING BOLTS ARE INSTALLED WITH THE HEADS FACING OUT TO INSURE PROPER HUB CLEARANCE. **SEE DIAGRAM BELOW.**



8. INSTALL CHAIN AND ADJUST TENSION BY ROTATING TRACK UNTIL CHAIN IS AT ITS TIGHTEST POINT AND ADJUST ENGINE TO GET ¼ INCH OF SLACK AT TOP OF CHAIN. (NOTE: DRIVE CHAIN MAY HAVE TO HAVE LINKS REMOVED DEPENDING ON SPROCKET SIZE). **NOTE: MAKE SURE ENGINE IS MOVED ALL THE WAY TO THE BACK BEFORE CUTTING CHAIN.**

REC TECH VIDEO IS AVAILABLE AT [WWW.RECMOTOR.COM](http://WWW.RECMOTOR.COM) ON THE INSTALLATION OF THIS PRODUCT

TECH LINE (319) 462-6932 MONDAY 8 AM TO 5PM, TUESDAY AND WEDNESDAY 8 AM TO NOON CST.

\*\*\*\*\*PLEASE NOTE\*\*\*\*\*

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