

ARCTIC CAT/YAMAHA A ARM INSTRUCTIONS

REVISED 6/12/17

1. REMOVE STOCK A ARMS AND TIE RODS FROM THE SLED, MAKE SURE YOU KEEP TRACK OF ALL BUSHINGS, SPACERS, AND TIRE ROD ENDS BECAUSE THEY WILL BE RE-USED ON THE NEW A ARMS.

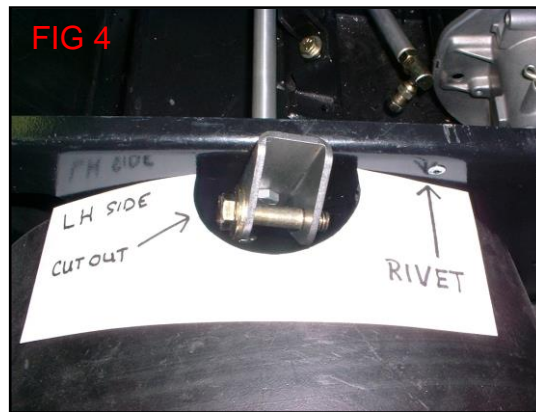
2. REMOVE STOCK STEERING POST FROM SLED AND REMOUNT THE BOTTOM STEERING BEARING ON TOP OF ITS BRACKET AS SHOWN IN FIG 1.



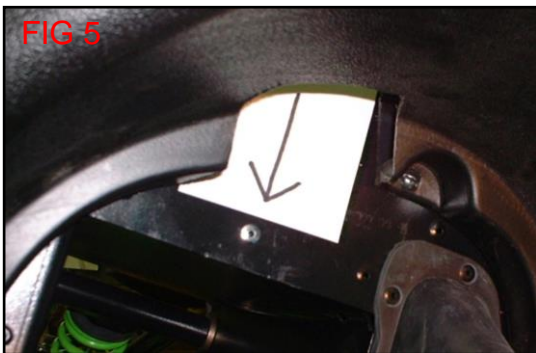
3. THIS STEP IS VERY IMPORTANT, THE STEERING POST WILL NEED TO BE BENT FOR PROPER CLEARANCE OF TIRE ROD ENDS, PLACE STEERING POST IN A VISE AND BEND DOWNWARD AS SHOWN IN FIG 2. MEASURE FOR PROPER BEND AS SHOWN IN FIG 3. YOU SHOULD HAVE ½ INCH SPACE BETWEEN THE POST AND BOTTOM OF STRAIGHT EDGE.



4. CUT OUT SUPPLIED TEMPLATE AND MARK BELLY PAN AS SHOWN IN FIG 4. USE A HOT KNIFE OR A DREMEL TOOL TO CUT. **NOTE: YOU WILL SEE A GAP IN BELLY PAN.** FILL WITH EXPANDING FOAM TO SEAL.



5. DRILL OUT THE RIVET SHOWN IN FIG 5 TO A 5/16 SIZE HOLE. INSTALL BOLT IN UPPER SHOCK BRACKET AND TIGHTEN MAKING SURE TO KEEP BOTTOM OF BRACKET PARALLEL WITH BULK HEAD AS SHOWN IN FIG 6. NOW DRILL A 5/16 HOLE IN TOP HOLE OF BRACKET.



6. INSTALL TOP BOLT THROUGH THE UPPER SHOCK BRACKET, ALLOWING IT TO THREAD INTO STABILIZER STRUT. SEE FIG 7.



7. INSTALL NEW A ARMS MAKING SURE TO GREASE ALL BUSHINGS WITH LOW GREASE. **NOTE: REMEMBER TO TIGHTEN A ARM BOLTS.**

8. WHEN INSTALLING **NEW SUPPLIED** TIE ROD ENDS, MAKE SURE TO PUT THE SKI SPINDLE TIE ROD END ON THE BOTTOM OF THE SPINDLE ARM AS SHOWN IN FIG 8. IF BALL JOINT IS NOT INSTALLED CORRECTLY YOU WILL HAVE BUMP STEER.

NOTE: THE BALL JOINTS 1 RIGHT HAND AND 1 LEFT HAND THREAD ON EACH SIDE, MAKE SURE NOT TO CROSS THREAD TIE ROD BY TRYING TO MISMATCH THREADS.



9. **THIS IS THE MOST IMPORTANT STEP, IF YOU DO NOT FOLLOW, YOU WILL HAVE BALL JOINT FAILURE.** THESE A ARMS HAVE BEEN TESTED WITH 10 ½ INCH OR SHORTER CENTER TO CENTER DISTANCE BETWEEN EYELETS ON THE SHOCKS; ANYTHING LONGER WILL CAUSE THE BALL JOINTS TO BIND. WITH THE SKIS INSTALLED, SUPPORT THE FRONT END OF THE SLED OFF THE GROUND WITH THE SHOCKS FULLY EXTENDED. THEN YOU SHOULD BE ABLE TO TURN THE HANDLE BARS ALL THE WAY TO THE LEFT AND RIGHT WITHOUT THE BALL JOINTS BINDING, IF THEY BIND YOU WILL NEED TO TWIST THE SKI SPINDLE ARM DOWN UNTIL BALL JOINTS MOVE FREELY, AS SHOWN IN FIG 10.

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