

## Sgroi Innovations LLC

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## Arctic Cat UTV Kit Installation Instructions

1. Unbox, attach flat bracket to actuator using 3 flat head screws.
2. Raise the front of your SxS and secure with jack stands and rear wheel chocks.
3. Remove front right wheel, then remove electric actuator from differential.
4. Plug the supplied connector into where the actuator was plugged into.
5. Remove the center dash panel where your 4x4 switch is located.
6. Remove 2x4 4x4 switch. You can unplug it and tape the connector to keep dirt out or you can keep the 4x4 switch plugged in and secure it behind your dash. You can use this spot for any rocker switch accessory.
7. Find a flat spot on your dash panel (or anywhere you want) with enough room behind it for the lever. Make sure there is space on the top left of the lever for the cable to be routed. It is best to screw the cable into the bracket and then find a spot to mount the lever. Do not install the lever to the bracket yet.
8. Using the supplied template, mark where you are going to cut for the manual lever.
9. Cut out the panel using a Dremel too, knife, drill or router. File it smooth and test fit the lever.
10. Screw the cable into the bracket.
11. Attach the cable ball to the lever, then screw the lever to the bracket.
12. Roll the black o-ring over the lever, you may only need one of these but two are supplied.
13. Route the cable down towards the actuator. Keep smooth curves, no sharp bends.
14. Now mount the lever in your dash panel, screw the face plate to it and tighten it down.
15. Screw the shift knob onto the shift lever.
16. Put the dash panel back but do not fully install it yet, just a fastener or two to hold it in place.
17. With the cable and actuator right next to the differential where it will get mounted; Put one of the small o-rings on 4x4 cable and spin the actuator housing onto the cable. Do not tighten the jam nut yet.
18. Unscrew the adjuster so there is no slack in the 2x4 position.
19. Shift the lever into 4x4, the arm in the actuator should move about 1/2". Adjust the cable adjuster accordingly so you get 1/2" of movement, and it goes all the way back to the 2WD position.
20. Lock the adjuster in place with the jam nut, slide the rubber cover over it.
21. Put the large o-ring on the lid, roll it in the opposite direction when putting it on the lid. This will force it to stay in place and not pop off. Screw the lid on and compress the o-ring. Do not overtighten the lid screws.
22. Put the other small o-ring on the actuator shaft so it sits in the groove.
23. Push actuator into place and use the 3 screws provided to fasten it in place.
24. Make sure the 4x4 cable is routed away from any moving parts or heat from the exhaust. Secure it with cable ties.
25. Put the plastic back on, put the wheel back on, go riding!