



## Wicked Bilt™ UTV Snow Plow Kit

*for the*

**2008-2012 Kawasaki Teryx**



**Part #: 8080530**

## Snow Plow Installation for Kawasaki Teryx

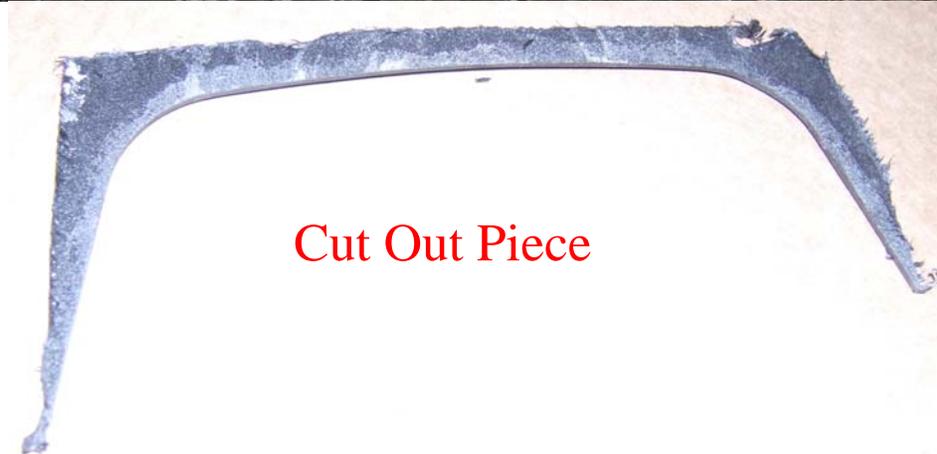
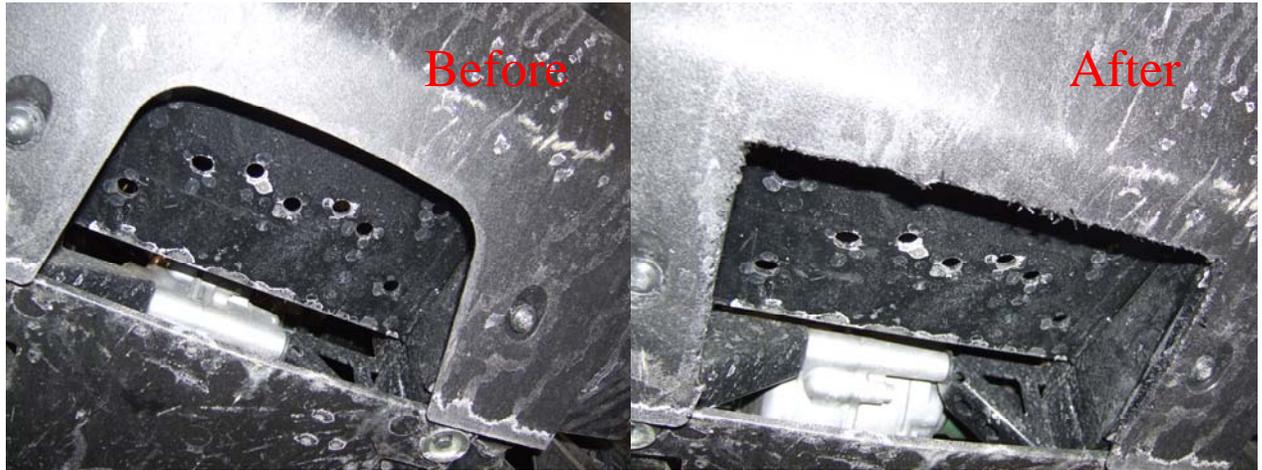
1. Before beginning check your parts list with your received parts and make sure your kit is complete.
2. Remove the drivers' side seat to gain access to the battery.



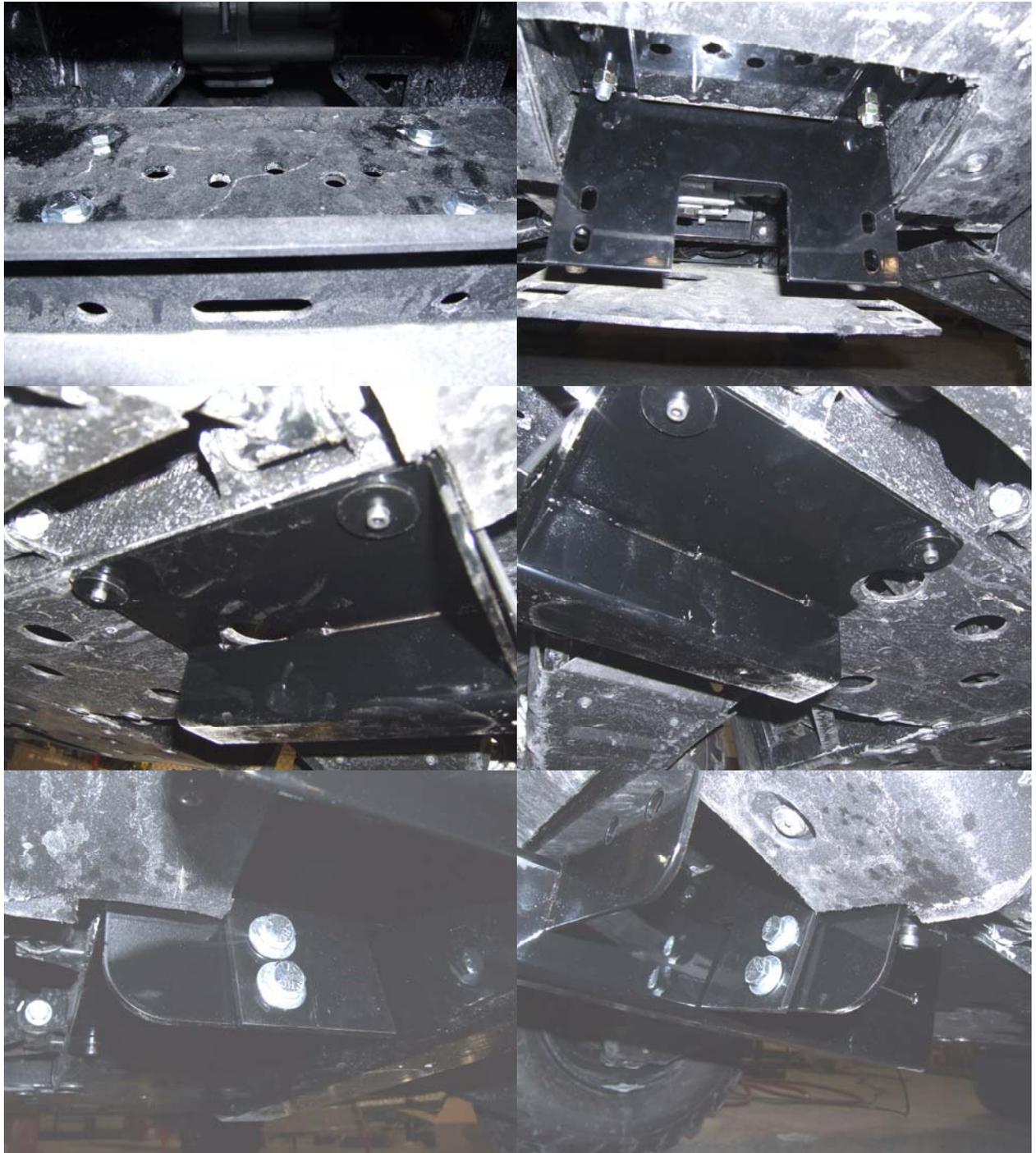
3. Next install the receiver part of the assembly. From under the front of the vehicle, remove the 4 6mm bolts from the plastic skid plate. This should be done with an air ratchet or a power tool of some sort due to some of the nutserts in the frame turning.



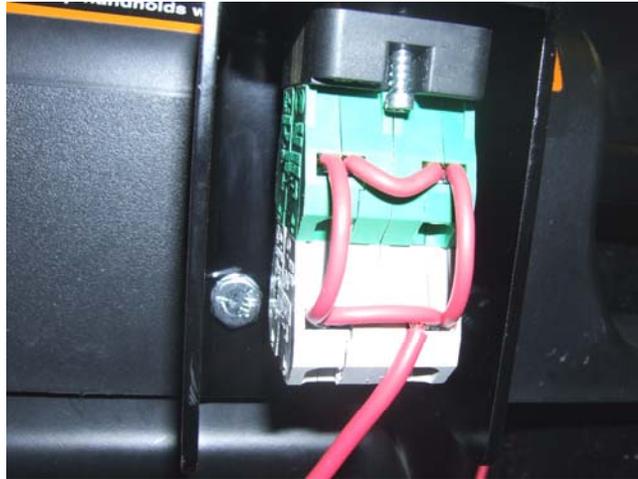
4. Once removed align receiver under vehicle and center over holes. Mark the plastic bumper underneath where trimming of the plastic may need to be done.



5. Once clearance is established install the front brace bracket as shown with the 4 supplied 3/8" bolts. On top of where a winch would mount insert the bolts down through the holes in the bracket and snug. Next, install the receiver under the vehicle by using the provided 1" 6mm bolts with the 3/16 washers/shims from the underside of the receiver. Install the other 4 3/8" bolts through the front holes that join the receiver to the brace bracket. Once all bolts are started you can tighten the 6mm bolts to 20 ft lbs and the 3/8" bolts to 40 ft lbs.



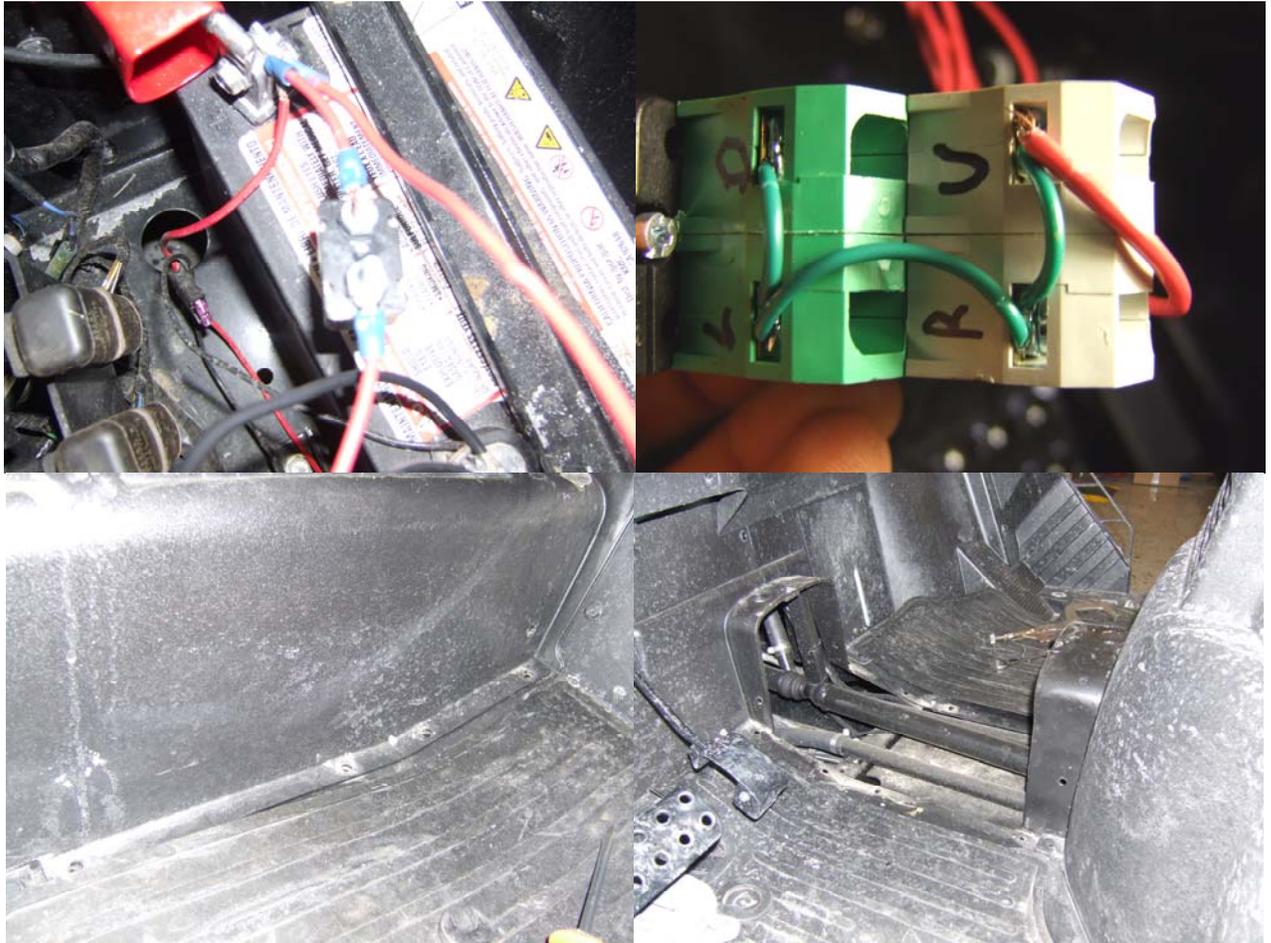
6. Mount joystick and bracket in a comfortable position on the dash.



7. Mount the relay box with the four studs anywhere so that the wires can reach the front of the vehicle where the plug will be for the plow and so that the joystick harness will reach to where they can connect to the joystick. Use the supplied lock nuts in the kit to secure box to vehicle. You can run the plow harness any way so that it is safe from being damaged. You may have to remove hood for easier access to mount box.



- Next, from the positive battery terminal install the provided circuit breaker and run the red wire to any one of the terminals on the backside of the joystick with the jumper wires on it. Run the wire any way possible or you can run it through the tunnel for protection. A small eyelet is used to connect wire to one end of the provided circuit breaker. The short red wire goes from the other terminal of the breaker to the positive side of the battery with eyelets on each side. Note the breaker must be used to prevent damage to the unit and the vehicle.



- Cut the wire harness to length for the joystick. You will have to wire the joystick accordingly on the side with no wires. The joystick is marked L, R, U, D.
  - Yellow – left
  - Orange – right
  - White – down
  - Green – up
- The backside of the switch will mount toward the back or bottom of the vehicle. Note the joystick has an orange line on the inside of the switch to ensure that it goes back together the same way. To mount the switch, you need to turn the upper part of the stick counterclockwise to disengage it, and clockwise to engage it. It will click twice when installed all the way. You can put it together 180 degrees apart, which will cause the plow to not operate. So pay attention to the marking. If the joystick is loose on the bracket you can tighten up the two screws from underneath.
- Connect the black ground wire from the joystick wiring harness to the negative battery terminal using one of the provided eyelets. Run the wire in a safe place or through the tunnel and into the battery compartment.
- Secure or ziptie all wires so that they are out of the way from moving, hot, or sharp objects while driving.

13. Install all plastic pieces, hood, seat, and any other component that was taken off during assembly. Make sure to follow torque specs given by manufacturer.
14. You can now attach the plow frame to the vehicle. Slide the plow assembly into the receiver and secure it with the pin. Plug the relay harness into the pump harness.
15. Note if you have the stock height tires, or close to stock, you can just plug the plow into the receiver and install the provided hitch pin. If you have over size tires you need to change the position of the 2 5/8" bolts on the A frame that hold the pivot, or up and down, cylinder in place. See Pictures. This will ensure good geometry on the blade when plowing.



16. Go over all hydraulic connections to ensure there will be no leaks. Fill the pump reservoir full with fluid. Start your vehicle and slowly move the pump in all directions while keeping the pump full of fluid. Do not turn plow with reservoir cap off. Once the system has been worked and the air is out make sure fluid level is still up. Your plow will not work until the fluid bleeds through. Reservoir may leak until fluid seeks its level.  
 FLUID TYPE: Pump specs call for "Hydraulic fluid; ATF, OD18, or other clean hydraulic oil with a viscosity of 150-300 SUS at 38°C (100°F) is acceptable." Wicked Bilt recommends using basic power steering fluid.



17. Make sure all parts are torqued to spec and your fittings are tight and not leaking. All wiring should be soldered and shrink tubed or black taped.

**WICKED BILT™**

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