

## Rear Skid Plate + Receiver Hitch Extension + Transmission Cover Installation

- 1) Remove existing rear plate, taking out the four bolts circled in red in Figure 1.
- 2) Loosen the six bolts (Figure 2) so that roughly ½” of thread is showing – **DO NOT REMOVE THESE BOLTS. THIS IS A VERY IMPORTANT STEP DUE TO THE VARIANCE IN THE REAR OF THE RTV-X. BY LOOSENING THESE BOLTS WE ARE ABLE TO COMPENSATE FOR THIS VARIANCE.**
- 3) Take the new protective plate and slide it into your RTV-X’s rear receiver hitch.
- 4) **IMPORTANT** Make sure you have installed your bent hitch pin fully before the next step. The cotter pin is to also be fully installed and should look like figure 3.
- 5) Using the four bolts you took out in Step 1, bolt your new plate down to 10 ft./lbs. of torque.
- 6) Once the Skid Plate is fully bolted on, tighten the six bolts loosened in Step 3 (shown in Figure 2).
- 7) After installation is complete please have your dealer install the Warning Label (Part #K7591-65452)
- 8) If needed, a Spud Wrench, a screwdriver, a center punch or another tool may be used for the hole alignment in this installation. Insert through one hole to line up the other hole on that side. Bolt through the hole that is lined up. Do the same with the other holes until all holes have been aligned and bolted through. A clamp may also be necessary. See Figure 4 for reference.

The completed installation should look like Figure 5 (Image includes our Transmission Cover – UTV-XTC). If you have any questions regarding the installation please feel free to email us at [utvhitchworks@gmail.com](mailto:utvhitchworks@gmail.com) or call 513-260-3705 and we will be happy to help. You can see a detailed video of the installation on either our website (<http://utvhitchworks.com/product/rear-skid-plate-receiver-hitch-extension>) or on YouTube (<http://youtu.be/o8EtC6BhLU>). We have seen a couple of RTV-X vehicles where the Receiver Hitch was not completely straight. Additional work may be required for installation if this is the case.

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The Transmission Cover from UTV Hitchworks is designed to work with either Kubota’s factory plate or the Receiver Hitch Extension + Skid Plate from UTV Hitchworks. If the Receiver Hitch Extension + Skid Plate was purchased it must be installed prior to installing the Transmission Cover.

- 1) Remove the top-most bolt on the Muffler Mounting Bracket and the upper 2 bolts on the rear plate as shown in Figure 6.
- 2) Align the Transmission Cover so that the UTV Hitchworks Stencil reads correctly.
- 3) Insert the bolts removed in step 1 back into place. Hand tighten only at this time.
- 4) Raise the dump bed fully. There should be clearance between the dump bed and the Transmission Cover. If the dump bed hits the Transmission Cover, simply loosen the bolts from step 1, adjust the Transmission Cover, then re-tighten the bolts. There should be approximately 1/16” clearance all around the transmission.
- 5) Tighten the bolts to the proper torque rating – 39 ft/lbs for the 12 mm bolts and 60 ft/lbs for the 14 mm bolt.
- 6) Once steps 1-5 are complete, get a sheet of paper and set it on the Transmission Cover. Then, raise your dump bed up all the way and leave it in the up position. Try to slide the paper out – if it does not slide out easily the Transmission Cover will need to be adjusted down (see Step 4).

The completed installation should look like Figure 7. If The Receiver Hitch Extension + Skid Plate was also installed, please refer to Figure 5 for an image of how the final installation should look. If you have any questions regarding the installation please feel free to email us at [utvhitchworks@gmail.com](mailto:utvhitchworks@gmail.com) or call 513-260-3705 and we will be happy to help. You can see a detailed video of the installation on either our website (<http://utvhitchworks.com/product/rtv-x-transmission-cover/>) or on YouTube (<https://youtu.be/PbueY504b1I>).

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Figure 1

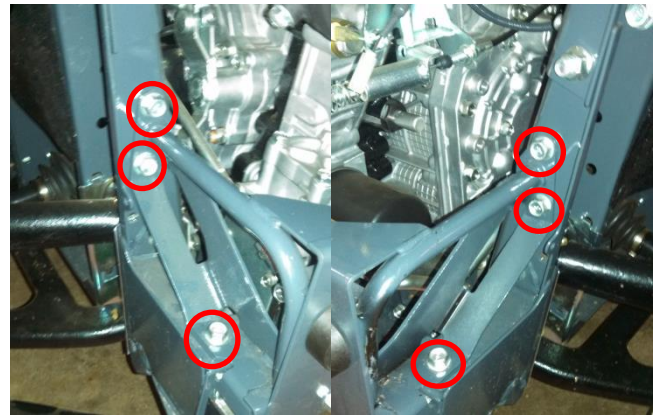


Figure 2



Figure 3



**This Pin MUST be installed in the factory receiver hitch. This is vital for the strength of the receiver hitch extension.**



Figure 4



Figure 5

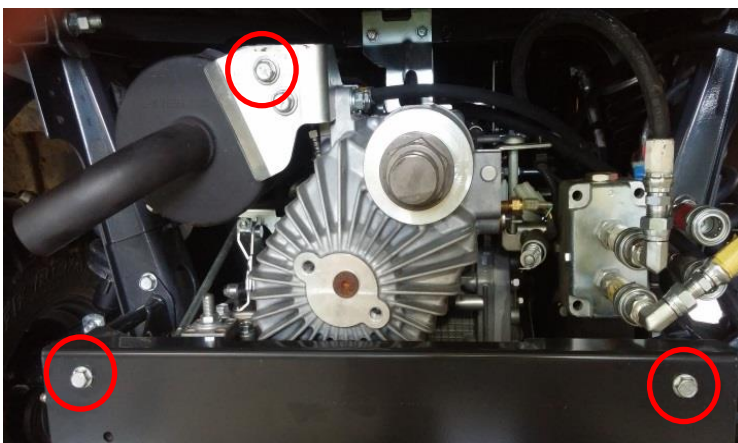


Figure 6



Figure 7