



## Grill Guard Installation Guide

### Kioti RX

Thank you for your purchase! We want you to be completely satisfied with our products. If you have any questions or concerns, please reach out via the contact information above and we will do all that we can to assure your experience with us is a positive one.



#### Required / suggested tools:

Wrenches / sockets  
Spring clamps  
Permanent marker  
Center punch  
Hammer  
1/8" drill  
7/16" drill  
Drill motor

Below is the process for installing the grill guard on your tractor.

- 1) To avoid interference between the release pins and the 511 guard, the pins will have to be turned toward the back while disengaged.
- 2) To do this, pull the spring back on each pin, remove the cotter pin and rotate the pins 180 degrees so that they are pointing upward while in the locked position.
- 3) Reinstall the cotter pins.
- 4) Remove the M12 pivot bolts, nuts and washers from the pivot point at the bottom on each side of the factory brush guard.
- 5) Install the provided M12x45mm hex head bolts into the pivot location on each side until the ends of the bolts are flush with the inside of the inner, pivoting portion of the guard.
- 6) Place the upper 511 guard into the factory brush guard from the front with the "511" cutout facing forward while aligning the lower mounting flanges with the large pivot bolts. It may be helpful to pull the latching pin and rotate the upper portion of the factory guard forward while installing the 511 guard.
- 7) Place the upper 511 guard into the factory brush guard from the front with the "511" cutout facing forward while aligning the lower mounting flanges with the large pivot bolts. It may be helpful to pull the latching pin and rotate the upper portion of the factory guard forward while installing the 511 guard.
- 8) Once the mounting flanges are aligned, push the large pivot bolts inward and install the M12 washers and nuts. Do not tighten the nuts at this time.
- 9) Position the 511 guard at the desired depth in relation to the upper cross bar of the factory guard and hold in place by clamping the upper flanges to the frame. Rubber tipped spring clamps work well to hold it in place.

- 10) Mark each side of the factory brush guard through the oval shaped hole on each upper flange of the 511 guard using a permanent marker.
- 11) At this time, you can remove the clamps and pivot the 511 guard forward or remove it completely to allow for drilling the holes on each side.
- 12) Using a center punch, punch each side of the factory guard in the center of the oval marked during step 6.
- 13) Start out by drilling a pilot hole with a small drill (1/8" works well) followed by a 7/16" drill. Any type of cutting fluid or oil aids in the drilling. Coating the inside of the holes with touch up paint will help prevent rust.
- 14) Pivot the 511 guard into position aligning the drilled holes with the holes in the flanges.
- 15) Install the 10mm hex head bolts from the outside through the frame and flange and use the flat washers followed by the lock nuts.
- 16) Tighten the upper nuts.
- 17) Moving back down to the large, lower bolts, tighten the nut adjacent to the washers until the desired amount of resistance is obtained when you rotate the factory guard.
- 18) Remove the lower two 14mm bolts and lock washers securing the factory brush guard to the frame of the tractor.
- 19) Place the lower 511 guard onto the factory guard, aligning the holes in the guard with the lower holes in the factory guard.
- 20) Install the provided M14x55mm hex head bolts along with the lock washers removed in step 14 and torque them to 100 ft/lbs.
- 21) Installation is now complete.



Completed Installation