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Grill Guard Installation Guide

M4-061, M4-071, M6060, M7060 M5660, M6060, M7060, M6040, M7040, M5140, M8540, M8560, M9540, M9960, MX4700, MX5100, M5-091, M5-111 & M6S-111

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Qty: 2 - 3/8" x 1" SS
Button Head Screw



Qty: 2 - 3/8" SS
Nylon Lock Nut



Qty: 2 - 3/8" SS
Washer

Required / suggested tools:

Wrenches / sockets for lower pivot bolt hardware

Spring clamps

Permanent marker

Center punch

Hammer

1/8" drill

3/8" drill

Drill motor

9/16" wrench or 9/16" socket wrench

7/32" L key (allen wrench)

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

- 1) Remove each of the nuts and washers from the large pivot bolts at the bottom on each side of the factory brush guard, noting the order in which they are removed.
- 2) Slide the bolts outward until the end of the bolts are just inside the factory guard mounting brackets.
- 3) Place the 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.
- 4) Once the mounting flanges are aligned, push the large pivots bolts inward and install the existing washers and nuts in the opposite sequence in which they were removed. It is not necessary to tighten these nuts at this time.

- 5) Position the 511 guard at the desired depth in relation to the 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.
- 6) 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.
- 7) At this time, you can remove the clamps and pivot the 511 guard forward to allow for drilling the holes on each side.
- 8) Using a center punch, punch each side of the factory guard in the center of the oval marked during step 6.
- 9) Start out by drilling a pilot hole with a small drill (1/8" works well) followed by a 3/8" 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.
- 10) Pivot the 511 guard into position aligning the drilled holes with the holes in the flanges.
- 11) Install the button head screws from the outside through the frame and flange and use the flat washer followed by the lock nut.
- 12) Tighten the upper nuts, but do not overtighten, as stainless steel hardware can be difficult to remove if stretched or a burr is developed within the thread.
- 13) 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.
- 14) Tighten the locking nut against the other nut to prevent them from loosening.
- 15) Installation is now complete.



Completed Installation (guard appearance may vary depending on model)