

Date Created: 01/05/2018

Product: Snake

Title: Retro-fit Wear Skids

Part Number: 412-000-302 / 808-000-039



SAFETY! Before attempting to make any adjustments or carry out maintenance on the mower, review the hazard identification table (section 3a of your Operator Manual) and take all necessary precautions.

Safety rope
connected for safety



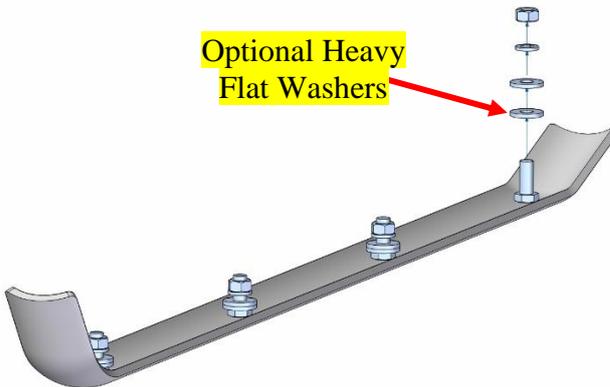
Using the tractor hydraulics raise the mower decks and ensure they are locked in position with the onboard transport lock mechanism. Connect the safety rope between the two Side Outriggers as per the operator's manual.



IMPORTANT:

Do not rely on the hydraulics alone to hold decks in the fully retracted position.

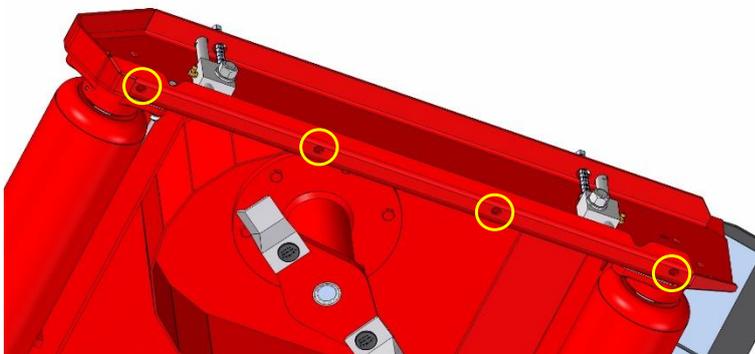
Optional Heavy
Flat Washers



As a setup option, it is possible to lower the position of the Skid in relation to the Rollers by adding one or two 3mm (1/8") thick Heavy Flat Washers (supplied).

The bottom of the Skid is typically 10mm (3/8") above the bottom of the Rollers when no spacer washers are used.

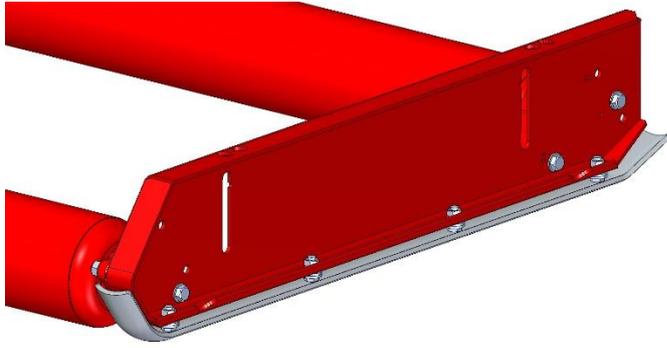
Whether zero, one, or two washers are used depends on the operating conditions and is to be decided by the operator to best suit the conditions.



Newer versions of the Snake mower (manufactured after June 2018) have slotted holes in the bottom of the side channels to accommodate the Skids.

If this IS the case, then jump to the second section of Page 5.

If this IS NOT the case, then four holes need to be drilled in the bottom of each Side Channel that Skids are being fitted to.



To fit the Wear Skids to the Snake mower, it is necessary to drill four 12mm (1/2") diameter holes in the bottom of each of the six Side Channels.

Each skid is then attached by four M10 nuts with spring washers using a 16mm ring spanner.



Tools required for the job:

As seen in the picture on the left.

Ruler at least 900mm (1 yard) long

Square

Marker pen or scribe

Hole Punch and hammer

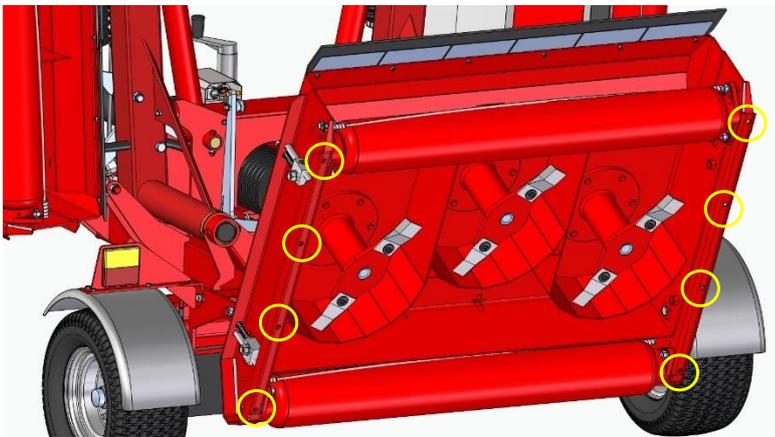
Drill and bits: 6mm (1/4") & 12mm (1/2")

16mm ring spanner

Measurement sheet found at the end of this guide.

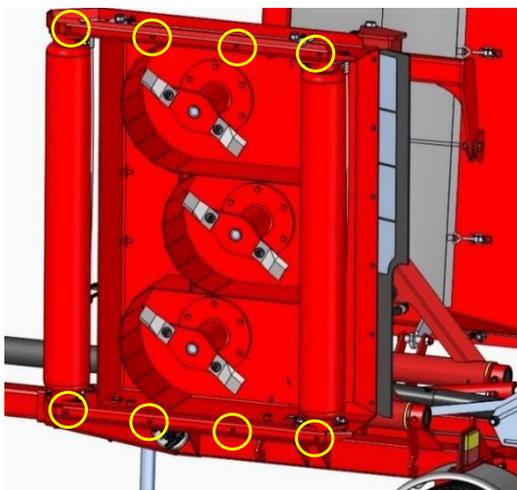
De-burring tool

Touch up paint.

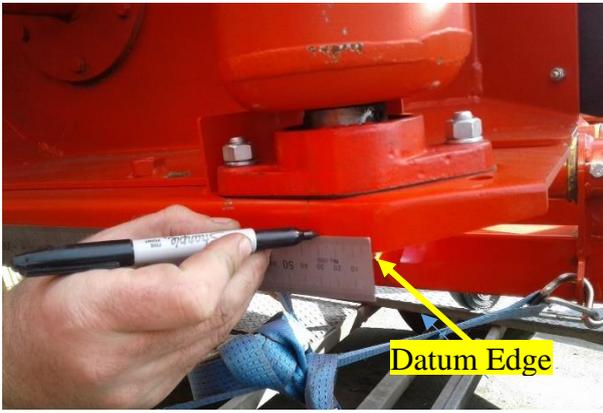


If required, clean the bottom of the Side Channels so that the positions of the holes to be drilled can be clearly marked.

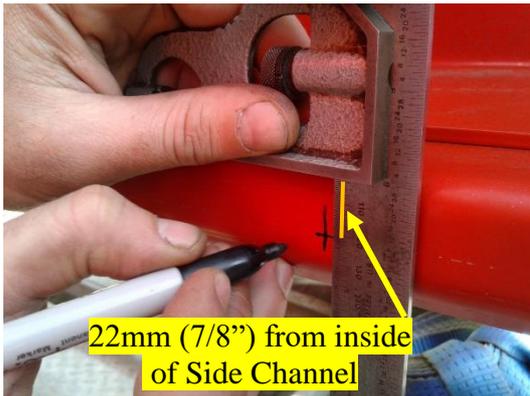
Refer to the drawing on the last page of this guide for the dimensions required to mark out the positions of the 12mm (1/2") diameter holes that are to be drilled in the bottom of the Side Channels.



Using a suitable marker, measure out the positions of the holes from the datum edges shown in the drawing and then centre punch each point ready for drilling.



Measuring from the Datum Edge at the rear of the skid, mark out the position of the four holes.
Refer to the drawing on the last page of this guide for a precise view of the Datum Edge



Use a square to accurately mark the 22mm (7/8") line on the bottom of the skid.



As a common-sense check; before drilling hold up the Skid and make sure the Skid bolts line up with the marked drilling points



Use a hammer and centre punch to punch-mark the holes for drilling.



Drill the holes using at first a 6mm (1/4") pilot drill.



Drill the holes to the final size using a 12mm (1/2") drill bit.



Offer up the Skid to the Side Channel to ensure that an accurate job was done drilling the holes, and that the Skid does fit up to the Side Channel correctly.



Using a de-burring tool or similar, deburr the holes.



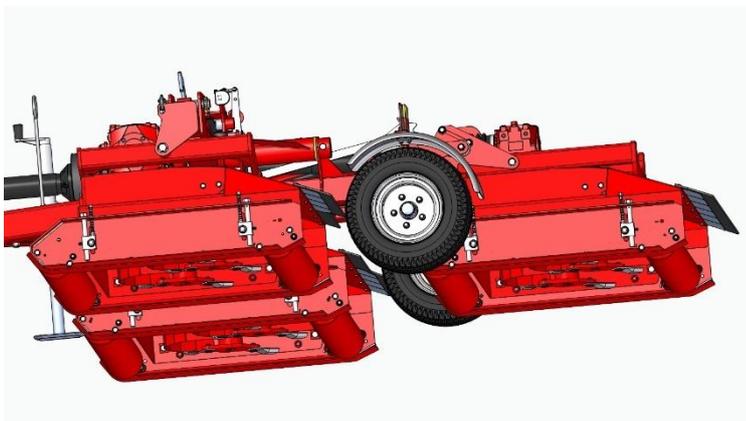
Apply touch-up paint to the exposed steel and allow to dry.



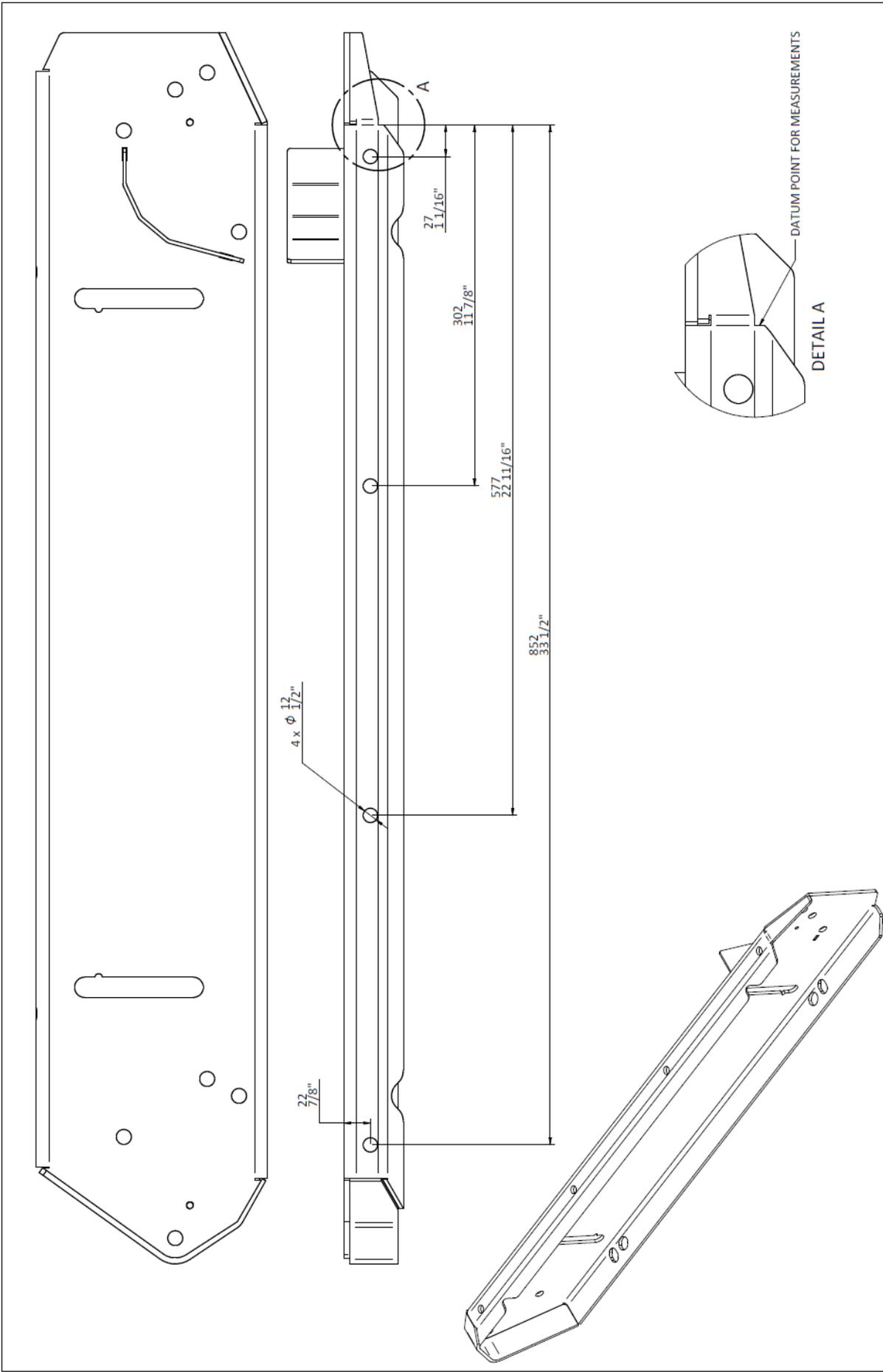
Remove the nuts and spring washers from the Skid.
Set the desired number of spacer washers in place on the Skid.
Offer the Skid up to the Side Channel.



With the Skid in place and the desired amount of spacer washers in place, install the M10 Spring Washers and Nuts and fully tighten using a 16mm Ring Spanner.



Repeat the above process for all six Side Channels.
The task is now complete.



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		Date: 01-MAY-2018 Drawn: WintonTuck		Part:	508-000-083	Rev: