



## Standard, Heavy Duty & X-treme Bucket Tooth Bar



## Installation Instructions



### **WARNING**

*For safe operation, read these rules and instructions carefully to avoid accidents that could result in Death or Serious Injury.*

#### **TO THE OWNER/OPERATOR OF THIS IMPLEMENT**

Please read this manual "before" unpacking or using this implement for the first time. This manual provides you with the necessary instructions to safely install and use your purchase. Do not let other people use this attachment without first being instructed how to safely use it.



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***Save this manual for future reference!***

# Importance of Safety

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Accidents can be very costly to human life and property. As the operator is the #1 safety device on all types of vehicles or equipment, it is important that the operator read, learn and know all safety recommendations for this product. The user is responsible to his family, friends and co-workers to operate in a safe manner. Ensure that everyone who operates or assists in the operation or maintenance of this product read and understand all the elements required to safely operate this piece of equipment.

Throughout this manual you will find safety notes which are very important to read and understand before operating this piece of equipment. These classifications alert you to situations that could be harmful to you or bystanders. When you see these alerts in the manual, carefully read and follow all instructions and also protect other workers from the same danger.

 **DANGER** Will result in Death or Serious Injury.

 **WARNING** Could result in Death or Serious Injury.

 **CAUTION** Could result in Minor or Serious Injury.


 **NOTICE** Not related to Personal Injury.


## Operator Safety Training Tips


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It is the responsibility of the operator using this attachment to be acquainted


with the safe operation. In addition to reading this manual, it is important that the operator read the skid steer's operation manual and follow its manufacturer's recommendations!


 Before digging into any surface, always contact the "Diggers Hotline" to identify underground utilities to avoid an accident that could result in Death or Serious Injury to the operator or fellow workers.


 Before lifting, lowering or tilting the attachment, make sure the area is clear of bystanders or objects.


 Machinery parts sometimes have sharp edges. Wear work gloves when moving parts. Always use caution around attachment parts as they often are very sharp.

 Never use drugs or alcoholic drinks when operating or servicing this piece of equipment.


 Always wear the proper personal protection equipment when servicing or operating this piece of equipment. Never service or operate this attachment with bare feet, sandals, or other light footwear.


 Always use eye protection during operation.


 Speed Kills! Operate this implement at a safe working speed. When transporting the implement, keep a safe speed to avoid losing control of the attachment or prime mover.


 Keep proper clearance between the implement and objects (utilities, tree stumps, large rocks, buildings,


etc.). Contacting these objects with the implement or prime mover could cause a loss of control or damage to the implement or property.


 Before each operation of this implement, check all hardware (bolts, nuts, pins, etc.) for their proper location and tightness.


 Stop the engine on the skid steer and set the brake to avoid the implement rolling forward or backwards while you are exiting the prime mover.


 Store this implement in an area not frequented by children.

 Allow no riders on this attachment. Keep all bystanders clear of attachment during operation.

 Always replace worn, torn or missing safety decals before operating.

 Never operate the attachment when bystanders are within 10 feet (3 m) of the work area.

 Operate only during daylight or well-lit artificial light.

 If working on public roadway, display a Slow Moving Vehicle emblem per your State & Local regulations. Turn your flashers on.

## Skid Steer Requirements

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Measure the overall width of your bucket and order a tooth bar that will span the entire width.


 **CAUTION** *Make sure your skid steer is in good working*

*condition. Follow the operating instructions found in the manual that accompanied your skid steer. Failure to do so could result in Minor or Serious Injury.*

## Unpacking Your Shipment

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Your attachment may arrive from the factory banded to a wooden pallet, and requires no final assembly before installation on the bucket.

 **CAUTION** *Careless removal of the shipping bands that secure the implement to the pallet could result in Minor or Serious Injury. Clear the area of all bystanders and stand to the side when cutting the bands with a pair of sheet metal shears.*

## Installation

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1. Align the tooth bar onto the front of the bucket cutting edge making sure it is fitting tightly against the cutting edge.
2. Secure a C-clamp to hold the side plates of the tooth bar in position while you use it for a pattern to drill holes in the bucket side plates.
3. Install bolts and nuts and torque to value shown in the Hardware Torque Chart.

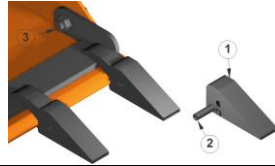


## Removal of Tooth Bar

For applications not requiring the teeth on the attachment, simply unbolt the hardware on each side and remove the tooth bar. If hardware has been damaged by rocks, concrete, etc., it may be necessary to use a torch to cut off the hardware. Obtain new hardware for your next installation.

...then call your local dealer for factory fresh parts specifically designed for your attachment.

## Tooth Bar Parts



Ref.	Description	Qty.
1	Tooth Point	A/R
2	Roll Pin	A/R
3	Hardware Kit	1

**Specify the width of tooth bar when ordering parts**

## Hardware Torque

	Grade 2 lb-ft	Grade 5 lb-ft	Grade 8 lb-ft
¼"	66*	8	12
5/16"	10	17	20
3/8"	20	30	45
½"	45	75	110
¾"	160	260	380
7/8"	190	400	600
1"	-	580	900

\* = inch pounds

Higher torques require the use of a torque multiplier. All values are "dry" torques.

## Warranty

As these parts are considered wear items, our regular warranty does not cover them, unless there is a fitment or material flaw noticed before installation and/or first use.

## Parts

When requiring any parts for your implement, please collect the following information:

Tooth Bar Width  
Quantity Required  
Ship-to Name & Address  
Payment Method