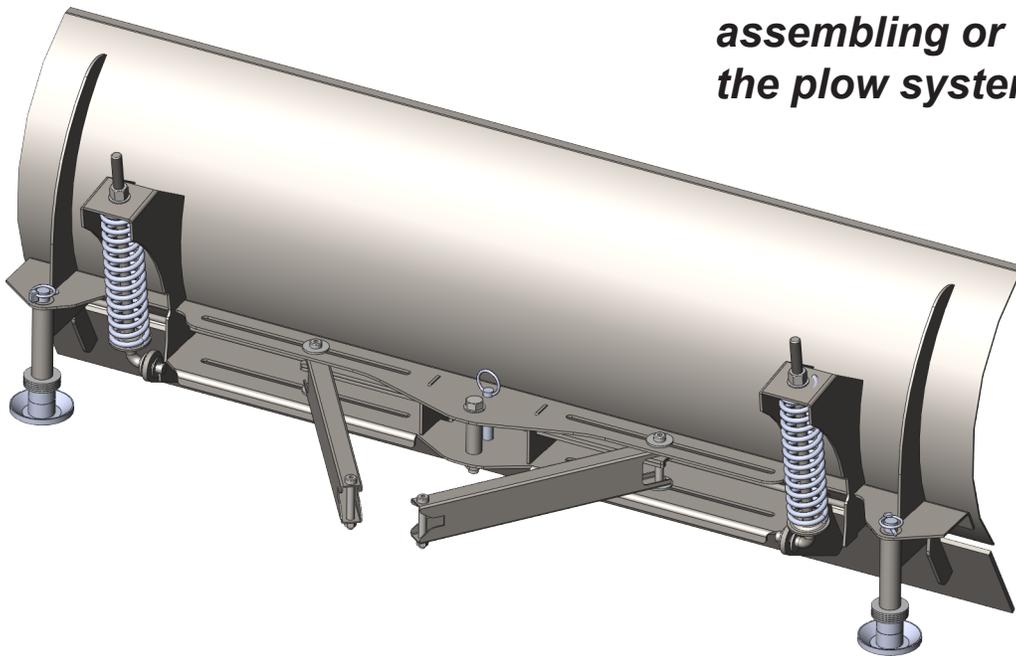




QUADBOSS 50"/60"/72" PLOW BLADE OWNER'S MANUAL

This owners manual covers all aspects of your new plow blade including assembly, replacement parts, installation, warranty, and troubleshooting. For any additional questions or concerns please call 877-847-1558 or visit www.quadboss.com.

Please read this entire owner's manual before assembling or installing the plow system!



Inspection

- 1** Unpackage and ensure you have all the parts to assemble your plow blade. The wear bar and trip rod will be packaged together and secured to the blade. The strut kit, skid kit, spring kit and bolt bag will be located in a separate box inside the main plow box. If you have any missing or damaged components call the Quadboss tech line at 877-847-1558 immediately to report the problem.
- 2** The plow blade can be assembled using standard hand tools. Follow the step-by-step instructions in this manual to assemble the plow blade.





QUADBOSS PLOW BLADE SAFETY PRECAUTIONS



Read this manual completely. Failure to observe the following safety instructions could result in serious injury or death.

- Read the plow owners manual, ATV manual and all safety labels before operating.
- Do not exceed a speed of 5 MPH (8 KPH) when the blade is installed.
- Use extreme caution when operating the plow on rough terrain, slopes, steep grades or on slippery surfaces.
- Stay away from the blade and all moving parts while moving or stationary.
- When plowing snow or dirt into a pile, slow down before reaching the pile. DO NOT ram the pile with the blade. Start backing up before raising the blade.
- ATV braking and stability may be affected by the addition of an accessory or attachment. Be aware of changing conditions on slopes and wet or slippery surfaces.
- Wear safety glasses, protective head gear and footwear as recommended in the ATV operator's manual.
- Keep bystanders away from the blade and ATV at all times.
- Before adjusting the blade angle, stop the ATV engine, set and lock the brakes. Do not lift the blade by hand. Always use the lift handle or winch.
- When the blade is not in use, stop the ATV engine, lock the brakes and lower the blade to the down position.
- Beware of objects that may be hidden under the snow.
- Stop and inspect the equipment if you strike an object. Repair if necessary before restarting.
- Do not operate the plow if it has been damaged in any manner. Repair or replace the damaged component(s) before continuing use.

Blade Warning Decal

 WARNING
IMPROPER USE OF PLOW CAN CAUSE INJURY OR DEATH!
<ul style="list-style-type: none"> - Do not exceed 5 MPH with plow installed. - Keep bystanders away from plow while moving or stationary. - Do not hit any immovable objects with the plow or ATV. - Operate with extreme caution on slopes, steep grades and rough terrain. - Never put your fingers between the blade and wear bar. - Read plow owner's manual and ATV manual before operating.
<small>LBTR217</small>

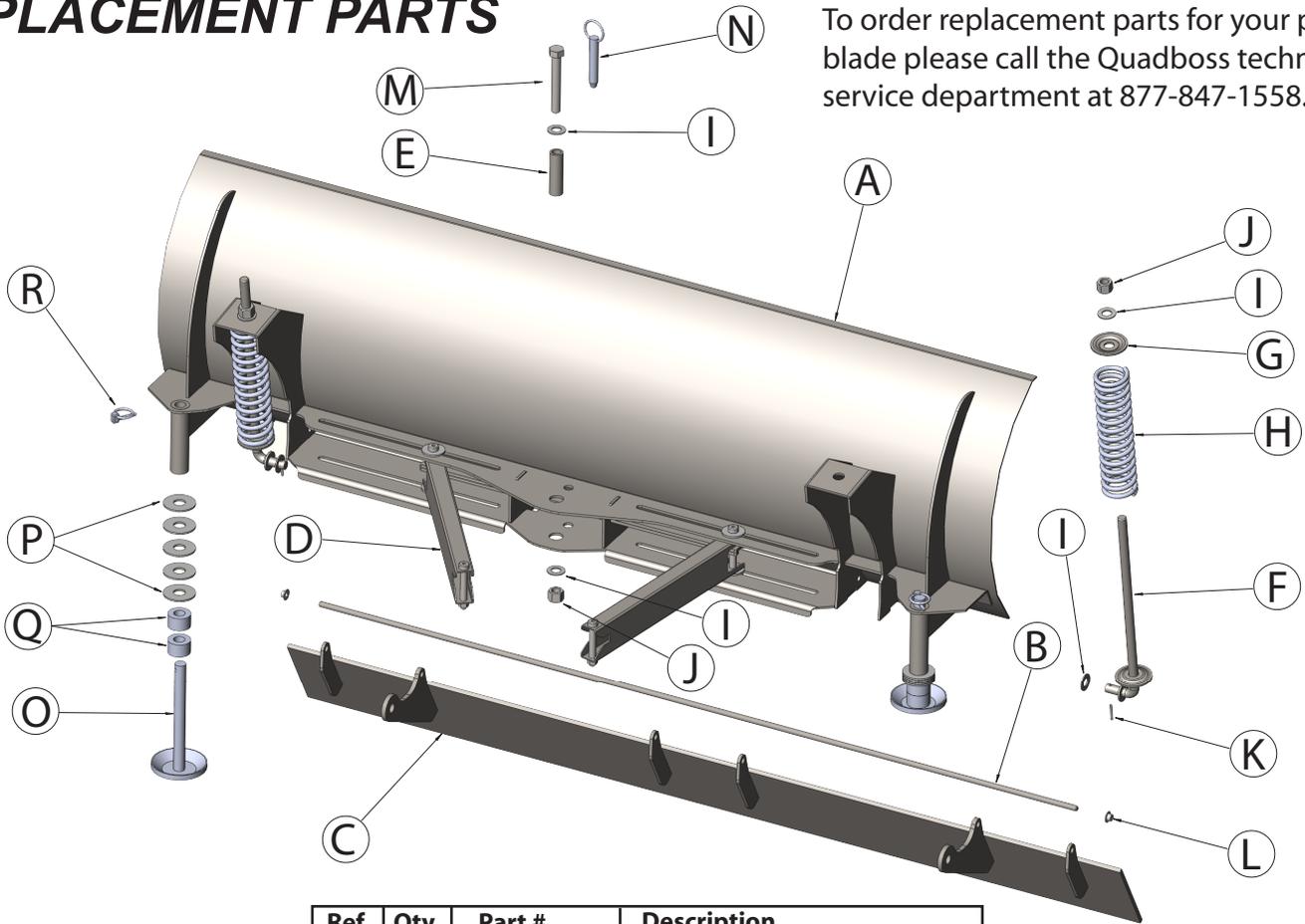
Pinch Point Warning Decal

 WARNING	
	PINCH POINT! Keep hands and feet clear during operation.
<small>LBTR218</small>	



QUADBOSS PLOW BLADE REPLACEMENT PARTS

To order replacement parts for your plow blade please call the Quadboss technical service department at 877-847-1558.



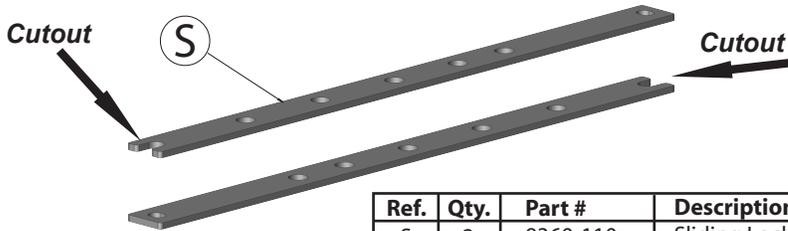
Ref.	Qty.	Part #	Description
A	1	9350-100	50" Blade
		9360-100	60" Blade
		9372-100	72" Blade
B	1	9350-109	50" Trip Rod
		9360-109	60" Trip Rod
		9372-109	72" Trip Rod
C	1	9353	50" Replacement Wear Bar Kit
		9354	60" Replacement Wear Bar Kit
		9355	72" Replacement Wear Bar Kit
D	2	9360-108	Strut (See Pg.5 for Breakdown)
E	1	9360-112	Pivot Tube
F	2	9360-300	Spring Rod Weldment
G	2	9360-303	Spring Cup
H	2	9350-110	Blade Trip Spring
I	6	HDW9025	1/2" Flat Washer
J	3	HDW7089	1/2" Nylock Nut
K	2	HDW9138	1/8" Cotter Pin
L	2	HDW9206	5/16" Push Nut
M	1	HDW9210	1/2" x 3-1/2" Hex Bolt
N	1	HDW9207	1/2" Pivot Pin
O	2	FG2592	Skid
P	10	HDW9005	5/8" Flat Washer
Q	4	HDW2356	Rubber Spacer
R	2	HDW2315	Lynch Pin
		9347	Replacement Skid Kit (Includes O thru R)



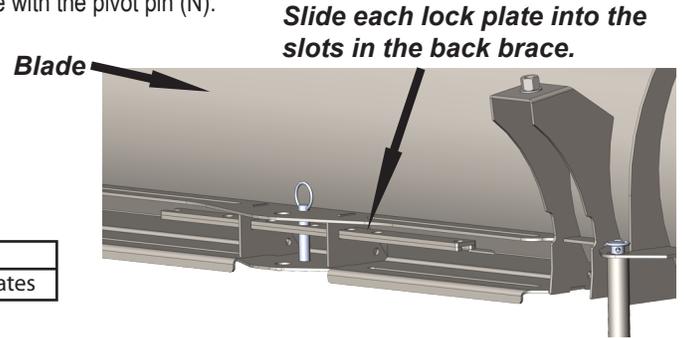
QUADBOSS PLOW BLADE ASSEMBLY

Install the Lock Plates

- 1** Locate both zinc plated sliding lock plates (S). These will install in the back brace in the back of the blade. The end with the cutout will face out towards the edge of the blade on each side. The lock plates will stack on top of each other but **MUST** face opposite directions. See Illustration. Each lock plate will slide into slots in the formed back brace on the rear of the blade near the center. They should be free to slide back and forth in the slots. Center them in the middle of the blade and pin into place with the pivot pin (N).



Ref.	Qty.	Part #	Description
S	2	9360-110	Sliding Lock Plates



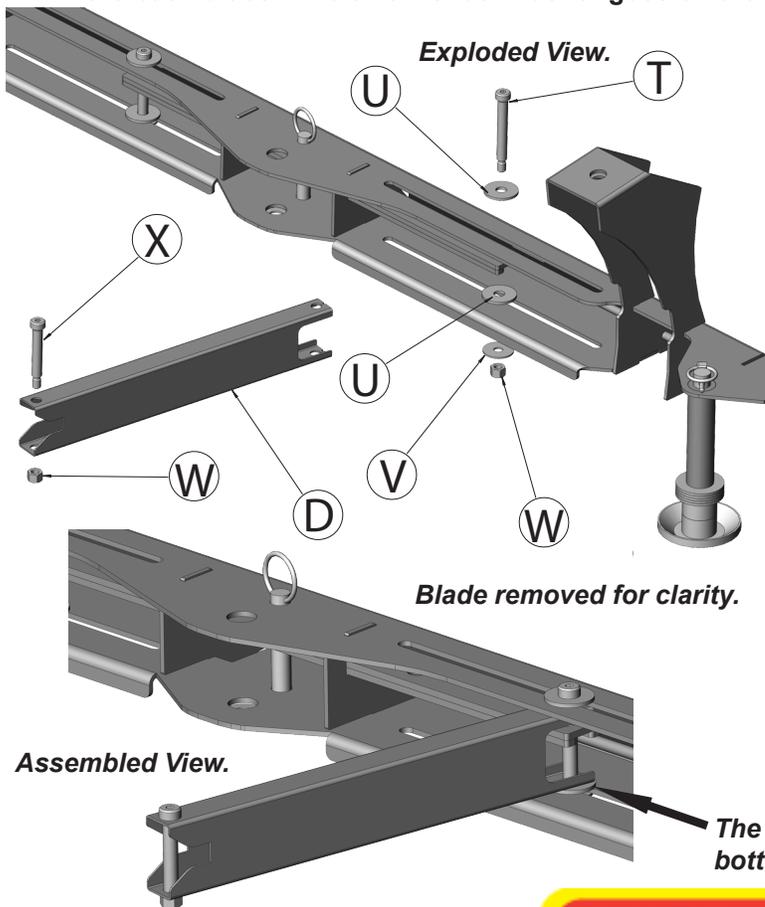
Slide each lock plate into the slots in the back brace.

Install the Struts

- 2** The struts (D) connect to the back brace on the blade and the sliding lock plates to allow the blade to pivot back and forth. The end of the strut with the larger cutout attaches to the blade and lock plates. The smaller cutout end will attach to the push tube. Slide a strut into place in the back brace of the blade per the illustration. Slide a 3/8" x 2-1/2" shoulder bolt (T), two 3/8" x 1-1/2" fender washers (U), one 5/16" x 1" fender washer (V), and one 5/16" nylock nut (W) in place from the top per the illustration.

NOTE: The shoulder bolt will go through the back brace, top of the strut, the end hole of one sliding lock plate, and back down through the strut and back brace.

NOTE: The washer placement is important for smooth operation of the blade. One 3/8" fender washer goes under the head of the shoulder bolt. The other 3/8" fender washer installs between the bottom of the strut and the back brace. The 5/16" fender washer goes on the bottom of the back brace under the nylock nut.



Ref.	Qty.	Part #	Description
D	2	9360-108	Strut
T	2	HDW9077	3/8" x 2-1/2" Shoulder Bolt
U	4	HDW9019	3/8" x 1-1/2" Fender Washer
V	2	HDW9209	5/16" x 1" Fender Washer
W	4	HDW7058	5/16" Nylock Nut
X	2	HDW9208	3/8" x 2" Shoulder Bolt
	1	9349	Replacement Strut Kit (Includes ALL of the above components)

WARNING

The struts are designed to absorb the impact of an excessively hard hit and may tear out under certain situations. Please inspect for any damage before each plowing session. This is designed with your safety in mind as well as helping to protect your machine from further damage. For this reason, the struts and strut hardware are considered wear items and are not warranted. You can purchase a complete replacement kit (Part #9349) as shown above to replace any damaged struts.

The 3/8" fender washer installs between the bottom of the strut and the back brace.

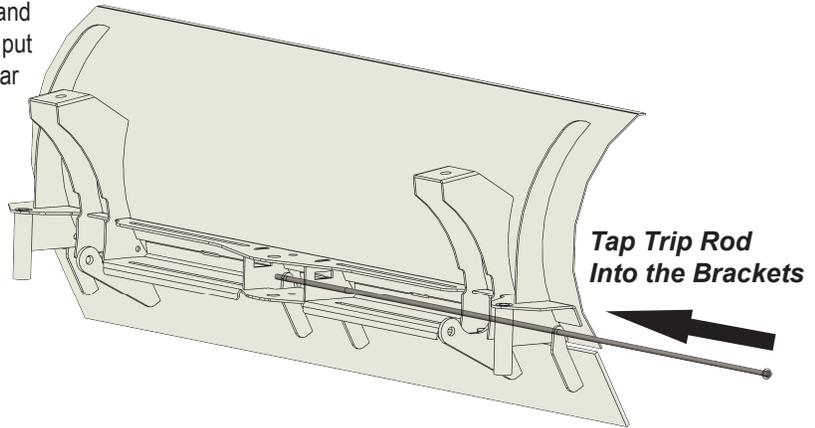


QUADBOSS PLOW BLADE ASSEMBLY (Cont.)

Install the Wear Bar

3

Now that the struts are installed place the blade (A) face down and orientate the wear bar (C) per the illustration. You may need to put a wood block under the blade to make it easier to attach the wear bar. The trip rod (B) holds the wear bar to the blade through a series of brackets on both the blade and wear bar. Starting at one end, use a rubber mallet to lightly tap the trip rod through the hole in each bracket until it is through all the brackets. You may need to guide it through each hole by hand while tapping with the mallet. Once in place pound a push on cap (L) onto each end of the trip rod. Rotate the wear bar back and forth to ensure it moves freely.



Install the Spring Assemblies

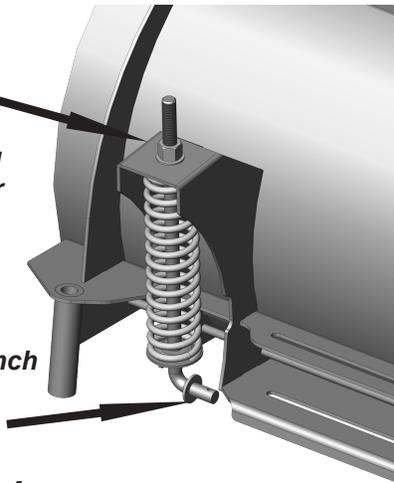
4

Locate the springs (H), spring rods (F), spring cups (G), four 1/2" washers (I), two 1/2" nylock nuts (J), and 1/8" cotter pin (K). Slide a spring and a spring cup with the cupped side down over the spring rod. Slide the assembly up into the hole of the spring bracket on the backside of the blade. Loosely secure on top of the bracket with a 1/2" washer and 1/2" nylock nut. To tighten the nylock nut you will need to put a box end wrench over the short end of the spring rod (at the bottom) to keep it from turning while you tighten the nylock nut. Tighten the nylock nut until you can place the short end of the spring rod into the hole in the bracket on the wear bar. Secure with a 1/2" washer and 1/8" cotter pin. Repeat for the other side.

STEP 1.

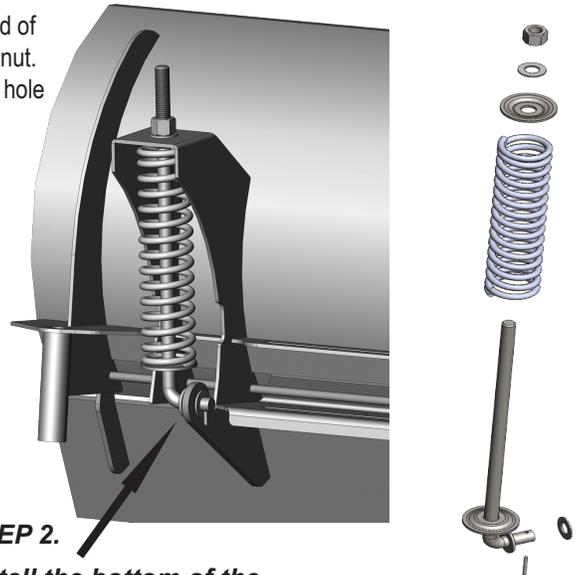
Tighten the nut until you can install the spring rod into the wear bar bracket.

Use a box end wrench on this end to keep it from turning.



STEP 2.

Install the bottom of the spring rod into the wear bar bracket.



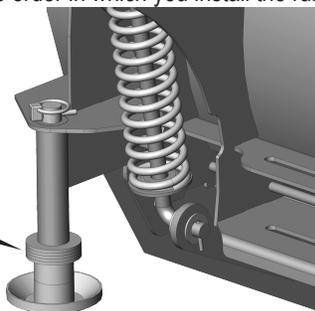
Install the Skids

5

Each skid (O) includes five adjusting washers (P) and two rubber spacers (Q). The default position is to have both rubber spacers and all five washers placed on the skid before installing it up into the bottom of the skid bracket. This puts the skids at the lowest possible position. Due to different machines, plowing surfaces, and personal preference you can adjust the skid height by moving the washers and/or spacers above or below the skid bracket. The order in which you install the rubber spacers vs. the washers does not matter. Secure the skid in place at the top with the lynch pin.

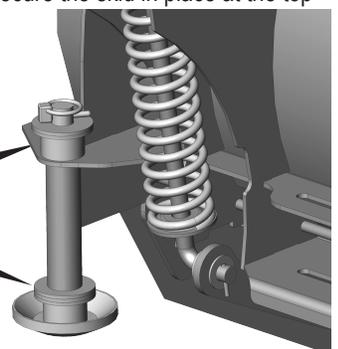
LOWEST POSITION.

All washers and spacers placed below skid bracket.



MIDDLE POSITION.

Washers and spacers placed above and below skid bracket.



PART #9350/9360/9372



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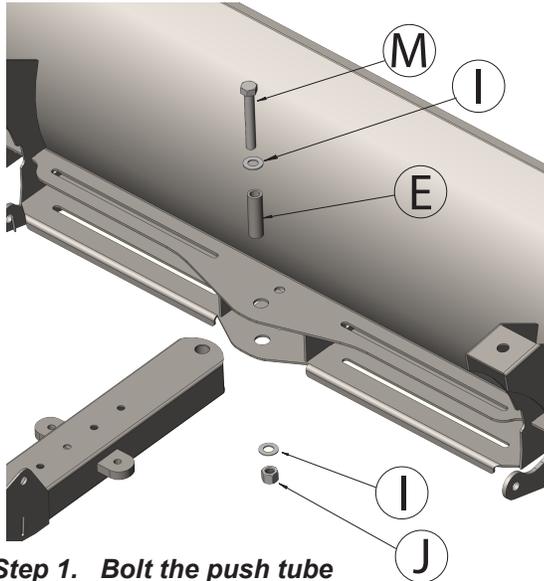
QUADBOSS PLOW BLADE ASSEMBLY (Cont.)

Attach the Push Tube

6

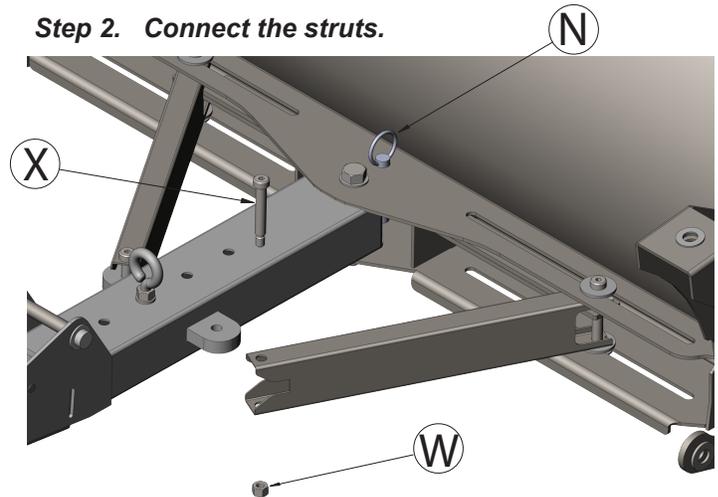
The push tube will slide into the center of the brackets on the back of the blade. Bolt the push tube to the blade by first sliding the spacer (E) through the blade and push tube. Secure with the 1/2" x 3-1/2" hex bolt (M), 1/2" flat washers (I), and 1/2" nylock nut (J). **See figure 1.**
Note: It may be easier to position the blade face down on the ground and install the push tube vertically into the blade.

Attach each strut from the blade to the welded tabs on the push tube. You may need to remove the pivot pin to allow the struts to slide into place. Secure with a 3/8" x 2" shoulder bolt (X) from the top and a 5/16" nylock nut (W) on the bottom. Place the plow system face down on the blade with the push tube up in the air. Move the push tube back and forth to ensure there is no binding in the slide mechanism. Place the plow back on the ground in the normal position and install the pivot pin (N). You can now install the assembled plow onto the ATV (See the push tube instructions).



Step 1. Bolt the push tube to the blade.

Step 2. Connect the struts.



QUADBOSS PLOW BLADE OPERATION

Blade Angle Adjustment

1

Once fully installed on your ATV you are now ready to plow. Your blade angle can be adjusted to five preset positions. Simply lift the blade off the ground, pull the pivot pin (N) and turn the plow either direction until you can drop the pivot pin back down into another hole. The blade angle mechanism along with the struts is designed for years of trouble free use. You may need to occasionally clean out the back brace from snow, ice, dirt, or other debris to ensure smooth operation.

Struts

2

The struts are designed to aid in turning the blade and distributing the plowing loads. Inspect the struts for any damage, especially tearing around the bolts. For your safety they are engineered to stretch if the blade has a serious impact. The struts and strut hardware are considered normal wear items and therefore are not warrantable items. Replace if damaged. Order strut kit part number 9349.

Wear Bar

3

The Pile Driver plow system uses an exclusive break-away wear bar. This system allows the wear bar to trip when contacting a small curb or obstacle. As the wear bar trips it will force the blade up and over the obstacle so you can continue plowing. The wear bar is considered a normal wear item and is not warrantable. As it wears simply adjust your skid height to compensate. You may occasionally get a rock or other debris caught between the wear bar and blade. To remove, back the spring tension off almost all the way so you can open the wear bar with a pry bar and let the rock fall out. NEVER use your hands or fingers to remove the rock/debris.

QUADBOSS PLOW BLADE WARRANTY INFORMATION

Warranty

The manufacturer's warranty to the original consumer purchaser is: This product is free from defects in materials and workmanship for a period of one (1) year from the date of purchase by the original consumer purchaser. We will repair or replace, at our discretion, parts found to be defective due to materials or workmanship. This warranty is subject to the following limitations and exclusions:

- 1) Commercial Use This product is not intended for commercial or rental use.
- 2) Limitations This warranty applies only to products which have been properly assembled, adjusted, designed by the original manufacturer to work in conjunction together, and operated in accordance with the instructions contained within this manual. This warranty does not apply to any product of Quadboss, that has been subject to alteration, misuse, abuse, improper assembly or installation, or shipping damage.
- 3) Exclusions Excluded from this warranty are normal wear items, normal adjustments, and normal maintenance. The blade and hardware were designed with safety in mind. To protect you and your ATV, certain parts were designed to fail when the equipment is over stressed. For this reason, the struts and related hardware are not warranted.

In the event you have a claim under this warranty, you must return the product to an authorized service dealer. All transportation charges, damage, or loss incurred during transportation of parts submitted for replacement or repair under this warranty shall be borne by the purchaser. Should you have any question concerning this warranty, please contact us at 877-847-1558. The model number, date of purchase, and name of authorized Quadboss dealer from whom you purchased the product will be needed before any warranty claim can be processed.

THIS WARRANTY DOES NOT APPLY TO ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES AND ANY IMPLIED WARRANTIES ARE LIMITED TO THE SAME TIME PERIODS STATED HEREIN FOR ALL EXPRESSED WARRANTIES.

Some states do not allow the limitation of consequential damages or limitations on how long an implied warranty may last, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you have other rights, which vary from state-to-state. This is a limited warranty as defined by Magnuson-Moss ACT of 1975.

