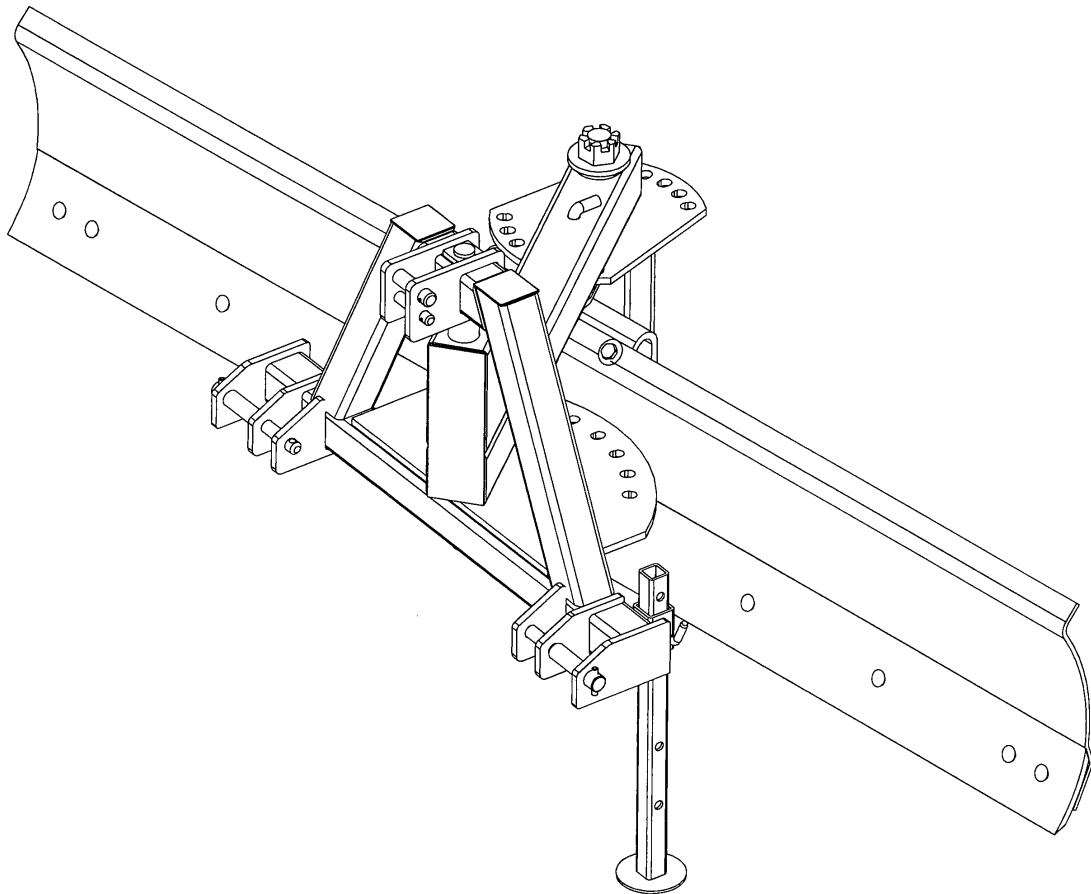


TAYLOR PITTSBURGH MFG., INC.
P.O. BOX 1866
ATHENS, TN. 37371
423-745-3110

RMB5500 SERIES GRADER BLADES



OWNER'S MANUAL

Form Number #815013
April 2003

TO THE DEALER:

The rear blade assembly and proper hookup to the tractor is the responsibility of the TAYLOR PITTSBURGH dealer. Read manual instructions and safety rules. Make sure all items on the Pre-delivery and Delivery Check Lists are completed before releasing equipment to the owner.

TO THE OWNER:

Read this manual before operating your TAYLOR PITTSBURGH rear blade. The information presented will prepare you to do a better and safer job. Keep this manual handy for ready reference. Require all operators to read this manual carefully and become acquainted with all the adjustment and operating procedures before attempting to operate. Replacement manuals can be obtained from your dealer or by calling 1-423-745-3110, in the USA and Canada only.

The rear blade you have purchased has been carefully engineered and manufactured to provide dependable and satisfactory use. Like all mechanical products, it will require cleaning and upkeep. Lubricate the unit as specified. Observe all safety information in this manual and safety decals on the rear blade and tractor.

For service, your authorized TAYLOR PITTSBURGH dealer has trained mechanics, genuine TAYLOR PITTSBURGH service parts, and the necessary tools and equipment to handle all your needs. Use only genuine TAYLOR/PITTSBURGH service parts.

Provide this information to your dealer to obtain correct repair parts.

LIMITED WARRANTY

TAYLOR PITTSBURGH MFG., INC., the manufacturer, warrants only to the Original Purchaser that this equipment, under normal use and service, will be free from defects in material and workmanship for one (1) year from date of purchase providing this equipment is purchased for individual and not for commercial use. Warranty for commercial usage is 90 days. This warranty does not apply to any equipment which has been damaged or which has been subjected to abuse, misuse, negligence, abnormal wear and tear, alterations, tampering, or failure to follow operating instructions. This warranty does not cover any product or parts not manufactured by Taylor Pittsburgh Manufacturing, Inc..

Under this warranty, the manufacturer will repair or replace any part which the manufacturer determines has failed during the period of the warranty due to defects in material or workmanship. After approval by the manufacturer, the equipment or defective part must be returned to Taylor Pittsburgh Mfg., Inc., Athens, Tennessee 37371.

PURCHASER'S EXCLUSIVE REMEDY FOR BREACH OF WARRANTY, OTHER DEFECT, OR CONDUCT GIVING RISE TO LIABILITY SHALL BE THE REPAIR OR REPLACEMENT OF THE PRODUCT SOLD, AND THE MANUFACTURER UNDER NO CIRCUMSTANCES SHALL BE LIABLE FOR ECONOMIC LOSS OR INCIDENTAL OR CONSEQUENTIAL DAMAGES. THE MANUFACTURER DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR PURPOSE.

Taylor Pittsburgh Mfg., Inc. reserves the right to make improvements and changes in specifications without notice or obligation to modify previously sold units.

This manual describes the proper assembly procedures for your implement and furnishes operating and maintenance recommendations to help you obtain long and satisfactory service.

SAFETY RULES



ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!



Throughout this manual, the term **IMPORTANT** is used to indicate that failure to observe can cause damage to equipment. The terms **CAUTION**, **WARNING** and **DANGER** are used in conjunction with the Safety-Alert Symbol, (a triangle with an exclamation mark), to indicate the degree of hazard for items of personal safety.



The Safety-Alert Symbol means **ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!**



CAUTION

Denotes a reminder of safety practices or directs attention to unsafe practices which could result in personal injury if proper precautions are not taken.



WARNING

Denotes a hazard exists which can result in injury or death if proper precautions are not taken.



DANGER

Denotes an extreme intrinsic, hazard exists which would result in high probability of death or irreparable injury if proper precautions are not taken.

GENERAL INFORMATION

INTRODUCTION

READ THIS MANUAL carefully to learn how to operate and service your rear blade correctly. Failure to do so could result in personal injury or equipment damage.

Throughout this manual, references are made to right and left direction. **RIGHT - HAND AND LEFT - HAND** sides are determined by standing behind the rear blade facing the direction the rear blade will travel when going forward.

The purpose of this manual is to assist you in operating and maintaining your Series 6500 Rear Blade. Read it carefully. It furnishes information and instructions that will help you achieve years of dependable performance. These instructions have been compiled from extensive field experience and engineering data. Some information may be general in nature due to unknown and varying operating conditions.

However, through experience and these instructions, you should be able to develop procedures suitable to your particular situation.

Maintain your rear blade with original repair parts to insure safety and optimum performance.



WARNING

- Some illustrations in this manual show the rear blade with safety components removed to provide a better view. The rear blade should never be operated with any safety components removed.

The illustrations and data used in this manual were current at the time of printing, but due to possible production changes, your rear blade may vary slightly in detail. We reserve the right to redesign and change the machines as may be necessary without notification.

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LEARN TO RECOGNIZE THIS SYMBOL!



It means: ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

SPECIFICATIONS

TRACTOR DRAWBAR RATING: UP TO 55 HP

HITCH TYPE: 3 POINT --- CAT I & CAT II

BLADE WIDTHS: 6', 7' & 8'

BLADE ANGLING: MECHANICALLY PIN IN QUADRANT PLATE

FORWARD 0°, 15°, 30°, 45° TO LEFT OR RIGHT

REVERSE 0°, 30° TO LEFT OR RIGHT

TILT: MECHANICALLY.....PIN IN QUADRANT PLATE

UP OR DOWN 0°, 15°, 30°

OFFSET: MECHANICALLY PIN IN QUADRANT PLATE

0.00", 7 -5/16", 14 -1/4", 20 -1/2" RIGHT OR LEFT

MOLDBOARD HEIGHT: 15 -1/4 INCHES

MOLDBOARD THICKNESS: 5/16"

CUTTING EDGE: 1/2" X 6" -- REVERSIBLE -- HEAT TREATED

PARKING STAND: PIN TYPE

PIVOT DIAMETERS

A-FRAME --1-3/8"

ANGLE ----- 2-1/8"

TILT ----- 5"

MAST TUBING: 3" X 3" X 1/4" WALL

SWING TUBE: 4" X 4" X 3/8" WALL

APPROXIMATE WEIGHT:

6' ----- 485 LBS.

7' ---- 510 LBS.

8' ---- 535 LBS.

•• WARRANTY IS VALID FOR TRACTORS UP TO 55 HP REAR WHEEL DRIVE OR 45 HP TRACTORS EQUIPPED WITH FRONT WHEEL ASSIST.

MAXIMUM TRACTOR WEIGHT ... 4,500 LBS.

SAFETY RULES



ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!



Safety is a primary concern in the design and manufacture of our products. Unfortunately, our efforts to provide safe equipment can be wiped out by a single careless act of an operator.

In addition to the design and configuration of equipment, hazard control and accident prevention are dependent upon the awareness, concern, prudence and proper training of personnel involved in the operation, transport, maintenance and storage of equipment.

It has been said “**The best safety device is an informed, careful operator.**” We ask you to be that kind of an operator.

The designed and tested safety of this equipment depends on it being operated within the limitations as explained in this manual.

TRAINING

- **Safety instructions are important! Read this manual and the tractor manual; follow all safety rules and safety decal information. (Replacement manuals are available from dealer or call 1-800-456-7929.) Failure to follow instructions or safety rules can result in serious injury or death.**

- **If you do not understand any part of this manual and need assistance, see your dealer.**

- **Know your controls and how to stop engine and rear blade quickly in an emergency.**

- **Operators must be instructed in and be capable of the safe operation of the equipment, its attachments and all controls. Do not allow anyone to operate this equipment without proper instructions.**

- **Do not allow children or untrained persons to operate equipment.**

PREPARATION

- **Always wear relatively tight and belted clothing to avoid entanglement in moving parts. Wear sturdy, rough-soled work shoes and protective equipment for eyes, hair, hands, hearing and head.**

- **Ensure rear blade is properly mounted, adjusted and in good operating condition.**

- **Tighten all bolts, nuts and bolts, and check that all cotter pins are installed securely to ensure equipment is in a safe condition before operating.**

- **Tractor must be equipped with ROPS or ROPS CAB and seat belt. Keep seat belt securely fastened. Falling off tractor can result in death from being run over or crushed. Keep foldable ROPS systems in “locked up” position at all times.**

- **Remove accumulated debris from this equipment, tractor and engine to avoid fire hazard.**

- **Ensure all safety decals are installed. Replace if damaged. (See Safety Decals section for location.)**

- **Ensure shields and guards are properly installed and in good condition. Replace if damaged.**

- **A minimum 20% of a tractor and cutter weight must be on the tractor front wheels with rear blade in transport position. Without this weight, tractor could tip over causing personal injury or death. The weight may be attained with front wheel weights, ballast in tires or front tractor weights.**

(Safety Rules continued on next page)



SAFETY RULES



ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

(Safety Rules continued from previous page)

OPERATIONAL SAFETY

- **Keep bystanders away from equipment while it is in operation.**
- **Never direct discharge toward anyone.**
- **Operate only in daylight or good artificial light.**
- **Always comply with all state and local lighting and marking requirements.**
- **Do not allow other people in the area when operating, attaching, removing, assembling, or servicing rear blade.**
- **No riders are allowed on equipment.**
- **Always sit in tractor seat when operating controls or starting engine. Place transmission in park or neutral, engage brake and ensure all other controls are disengaged before starting tractor engine.**
- **Look down and to the rear and make sure area is clear before operating in reverse.**
- **Do not operate on steep slopes.**
- **Do not stop, start or change directions suddenly on slopes.**
- **Use extreme care and reduce ground speed on slopes and rough terrain.**
- **Watch for hidden hazards on the terrain during operation.**

- **Stop tractor and rear blade immediately upon striking an obstruction. Turn off engine, remove key, inspect and repair any damage before resuming operation.**
- **Disengage power to implement. Lower all raised components to the ground. Operate valve levers to release any hydraulic pressure. Stop engine, set parking brake and remove key before dismounting tractor or performing any service or maintenance.**

MAINTENANCE SAFETY

- **Before working underneath, raise rear blade to highest position and block securely. Blocking up prevents rear blade dropping from hydraulic leak down. hydraulic system failures, or mechanical component failures.**
- **Keep all persons away from operator control area while performing adjustments, service or maintenance.**
- **Do not climb or walk on rear blade frame, or tires.**
- **Never operate rear blade until hydraulic cylinders and lines are full of oil and free of air. See operating instructions.**

(Safety Rules continued on next page)



SAFETY RULES



ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

(Safety Rules continued from previous page)

TRANSPORTING SAFETY

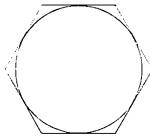
- Use a Slow - Moving - Vehicle (SMV) emblem and proper lighting when transporting the rear blade.
- Do not road the rear blade over 20 miles per hour on the best surface conditions. Reduce speed when going up or down hills and when approaching ditches or corners.
- Always comply with all state and local lighting and marking requirements.

STORAGE

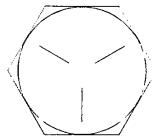
- Block equipment securely for storage.
- Clean all debris from rear blade.
- Coat soil engaging surfaces with a rust inhibitor after cleaning.
- Store on a level surface sheltered from the weather.
- Keep playing children and bystanders away from storage area.

BOLT TORQUE CHART

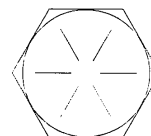
GRADE 2



GRADE 5



GRADE 8



TORQUE IN FOOT POUNDS

BOLT HEADS		3/8	1/2	5/8	3/4	7/8	1
HEX HEAD		9/16	3/4	15/16	1-1/8	1-5/16	1-1/2
UNC	G	2	18	45	89	160	320
	R	5	30	68	140	240	544
	A	8	40	100	196	340	792
D							
E							



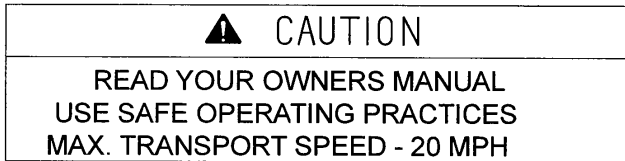
SAFETY DECALS



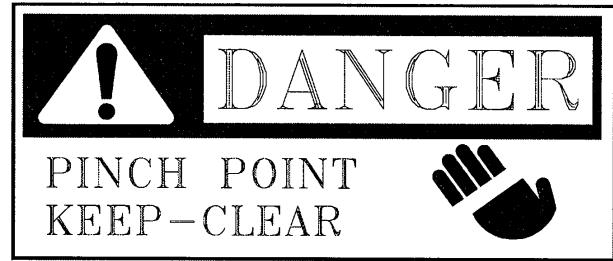
ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

DECAL LOCATIONS

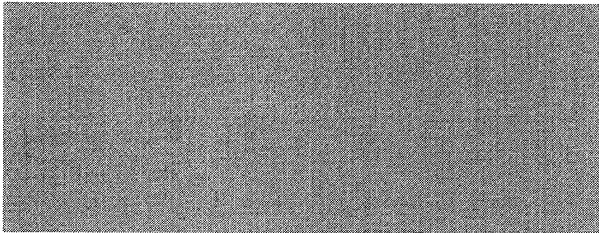
The following safety decals are located on your implement. Read them and follow their instructions for your safety. Keep all decals in place and legible. Replace worn or missing decals. Replacement safety decals are available through your dealer. Order by number listed.



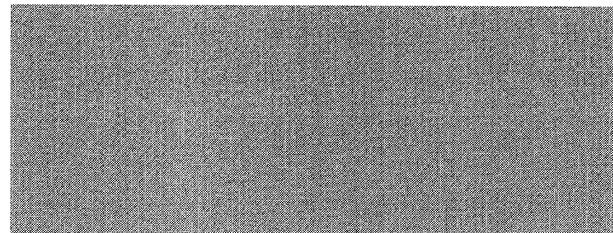
009537 Front Cross Member of Frame



029772 near pivot bolt on top of main frame



029771 red reflector back outside edges of moldboard



029770 amber reflector front outside edges of moldboard

INTRODUCTION

This manual covers the assembly, operation, and maintenance of your Series 6500 Grader Blade. Studying and obeying these instructions will insure optimum product performance and longevity. Be sure to read all instructions carefully. Read all safety precautions prior to operation.

Maintain your implement with original repair parts to insure safety and optimum performance.

MODIFICATIONS

It is the policy of the manufacturer to improve its products whenever possible and practical. We reserve the right to make changes, improvements, and modifications at any time without incurring the obligation to make such changes, improvements, and modifications on any implement sold previously.

ASSEMBLY

General

Your Series 6500 Grader Blade is shipped in bundles for assembly. Remove all wiring from bundles as they are called for. Choose a level area to arrange the parts conveniently. Assemble parts for each step loosely to insure fit. Use flatwashers with slotted holes. Always use lockwashers unless a lock nut is called for. Tighten hardware after parts are installed according to the torque chart given. Unless otherwise stated, all hardware is grade 5. The following assembly steps are given to minimize the need for adjustment after assembly. Remember that LEFT and RIGHT are determined by standing at the rear of the implement and facing it.

⚠ WARNING

A minimum 20% of a tractor and rear blade weight must be on tractor front wheels with attachment in transport position. Without this weight, tractor could tip over causing personal injury or death. The weight may be attained with front wheel weights, ballast in tires or front tractor weights. Weigh the tractor and rear blade. Do not estimate.

Mast Assembly (Refer to Figure 1)

1) Lay 3-point mast assembly down and install jackstand in transport position with pin in lower hole.

2) Support the main frame bundle from below to enable attaching to a tractor. Be sure frame is stable on

supports before proceeding.

3) Position mast assembly near 3 point arms on tractor with mast assembly flat on ground. Raise left side of mast assembly and pin into lower 3-point arm and install lynch pin. Raise right side of mast assembly and pin into lower 3-point arm and install lynch pin. Rotate mast assembly toward tractor and attach upper 3-point link to hole in mast plate assembly. Pin and install click pin.

4) Using the tractor's 3-point hydraulic lift, lift the frame bundle from its supports. Adjust the top link so that the main beam is approximately level from front to rear.

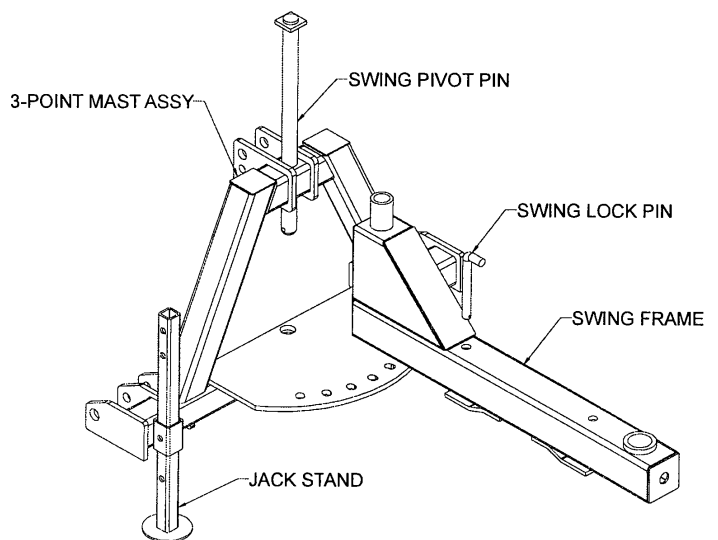


FIGURE 1

Swing Frame to Mast Assembly (Refer to Figure 1)

1) Lower tractor 3 point to lowest position.

2) Support swing frame on blocks at height of lower mast tube. Slide swing frame between upper and lower mast tube. Make sure lower offset on swing frame slides under pivot quadrant plate.

Align holes and insert swing pivot pin. Secure with 5/16" x 3" cotter pin.

3) The swing frame is unstable in the condition. Center the swing frame so it is perpendicular to mast assembly. Install the swing lock pin and secure with hairpin cotter.

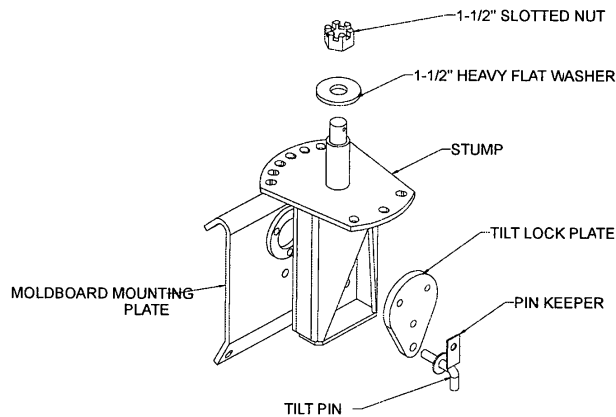


FIGURE 2

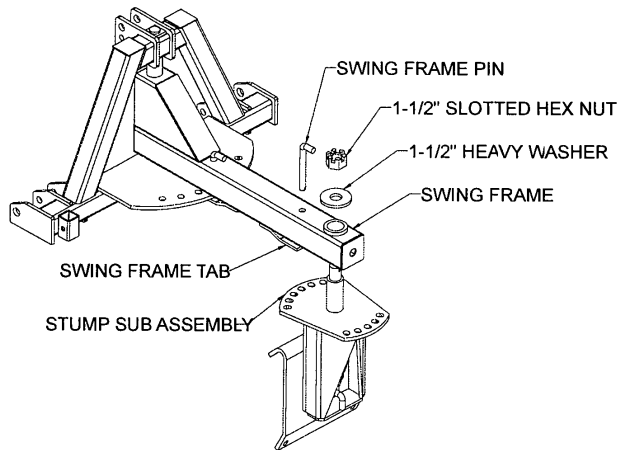


FIGURE 3

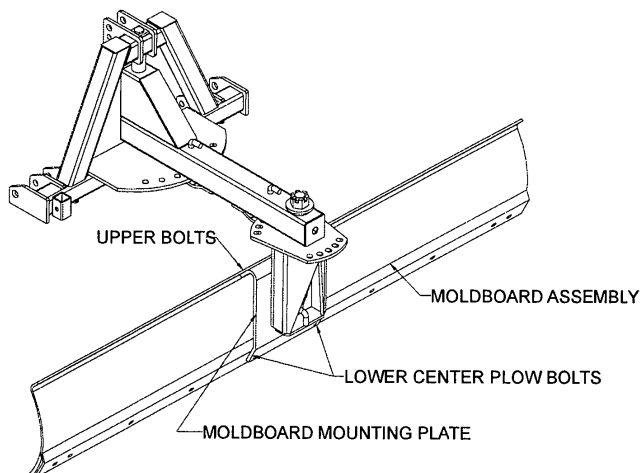


FIGURE 4

Stump Sub Assembly (Refer to Figure 2)

1) Align moldboard mounting plate center ring in hole in stump. The large radius angled profile should be up.

2) Install (2) HHCS 5/8" x 3" into moldboard top mounting plate and through tilt lock plate. The tilt lock keeper must be put on lower 5/8" x 3-1/2" bolt. Install 5/8" lockwashers and nuts on HHCS's loosely.

3) Install tilt pin through tilt lock plate, stump, and into moldboard mounting plate. Place pin keeper behind washer on tilt pin. Tighten the hardware.

Stump to Swing Frame Assembly (Refer to Figure 3)

1) Raise tractor 3 point arms so swing frame is 21.50" above ground. Block at this height.

2) Position stump assembly under pivot bushing on swing frame. The stump will need to be rotated as it is installed to get the quadrant plate between the swing tube and swing frame tab. Raise the stump assembly and rotate under swing frame tab. Install 1-1/2" heavy flat washer and 1-1/2" slotted hex nut.

3) Install the swing frame pin and hairpin cotter. Torque 1-1/2" nut and install cotter pin.

Stump Assembly to Moldboard Assembly (Refer to Figure 4)

1) Remove the two center cutting edge plow bolts.

2) Slide moldboard in front of moldboard mounting plate and align upper holes in moldboard with holes in moldboard mounting plate. Install 5/8 x 2-1/2" bolt on 5/8" flatwasher and insert through moldboard connector. Secure loosely with 5/8" lockwasher and 5/8" hex nut. Repeat for opposite side.

2) Install plow bolts removed in step 1 through the cutting edge, moldboard and moldboard mounting plate. Install 5/8" lockwasher and 5/8" hex nut.

3) Tighten hardware.

WARNING

Be sure bystanders are clear. Do not stand between implement and tractor. Shut off tractor and engage parking brake prior to dismounting.

BEFORE OPERATION

- 1) Tighten all loose hardware using the torque chart. **SEE PAGE 7.** Replace any missing hardware. On new machines, all hardware must be rechecked after first few hours of operation.
- 2) Replace any bent or broken parts.
- 3) Refer to your Tractor's Owner's Manual for recommended adjustments and weight distribution.
- 4) Check blade for signs of wear or damage. Replace if necessary. **SEE MAINTENANCE.**
- 5) Read the **SAFETY** section of this manual to be sure of all precautions.

ATTACHING

WARNING

Be sure bystanders are clear. Do not stand between implement and tractor. Shut off tractor and engage parking brake prior to dismounting.

- 1) Back tractor to align three--point hitch with frame.
- 2) Attach left lower link arm to frame first and secure with lynch pin.
- 3) Using leveling crank, align right lower link arm with link pin. Attach arm to link pin and secure with lynch pin.
- 4) Attach top link between the frame and the tractor with a pin and secure with click pins.
- 5) Raise blade and lock jackstand in up position.

OPERATION

Adjustments

Depth Control:

The desired operating depth is selected by using the tractor's position control lever. When using position control, the blade will operate at the same depth, below the line of travel of the tires, until the setting is changed.

It is possible to operate the blade using draft control (if tractor is so equipped) when operating in the forward direction. When using draft control, the blade will operate at a depth which will result in a constant load on

the tractor. **NEVER** operate with draft control when operating in the reverse direction with the moldboard reversed.

Blade Moldboard Angle: (Refer to Figure 5)

Operating conditions for the job being done will largely determine the desired angle of the blade. A greater angle is generally used for cutting deep rather than for moving loose soil. As the blade is angled more, soil will roll and travel for a lesser distance, thus allowing a deeper cut. It is suggested that the blade be angled sufficiently to permit soil to move freely in front of the blade.

The blade moldboard has an adjustment of 0°, 15°, 30°, and 45° to the left or right in the forward direction. Remove the hairpin cotter and the swing frame pin and rotate the moldboard to the desired angle. Replace the pin and hairpin.

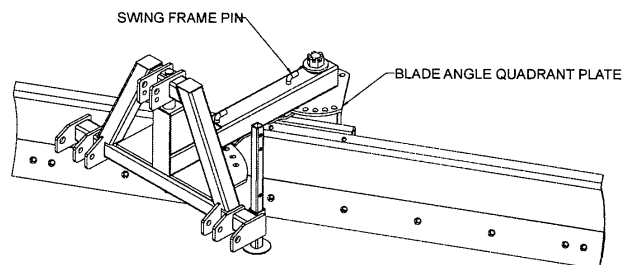


FIGURE 5

Reversing Moldboard (Refer to Figure 6)

The moldboard may also be reversed if desired. Remove hairpin cotter and swing frame pin. Rotate moldboard completely around as shown and replace pin at desired angle and install hairpin cotter. The blade moldboard has an angle adjustment of 0° and 30° to the left and right in the reverse direction.

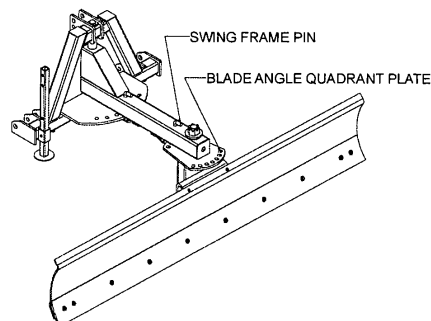


FIGURE 6

Blade Pitch (Refer to Figure 7)

The pitch of the blade can be changed by lengthening or shortening the tractor top link (1). Lengthening the top link increases blade "aggressiveness" and shortening the top link decreases blade "aggressiveness".

Adjust the blade pitch so that the soil tumbles ahead of the blade. Tumbling soil produces less draft and moves more earth. Normally, the upper edge of the moldboard is 1" to 2" ahead of an imaginary vertical line extending upward from the cutting edge of the moldboard.

In general, working in harder soils requires more aggressiveness in order to dig in to the soil surface.

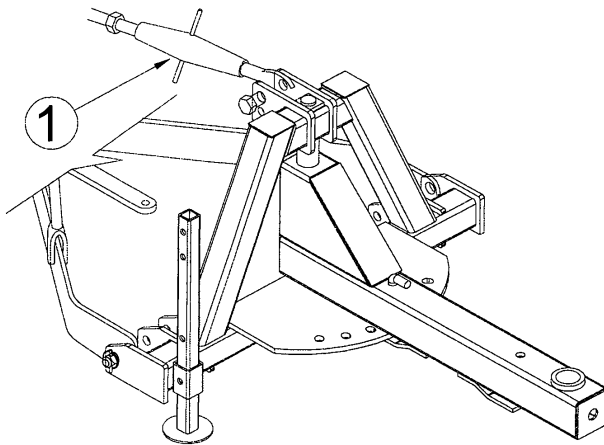


FIGURE 7

Blade Tilt Angle: (Refer to Figure 8)

The moldboard can be tilted on the pivot assembly by loosening the lower nut on the pin keeper. Remove tilt pin. Adjust blade to desired tilt and replace pin. Put pin keeper over washer on pin and tighten all hardware..

Additional blade tilt can be achieved by using the tractor hitch lift link leveling crank or adjustable lift link.

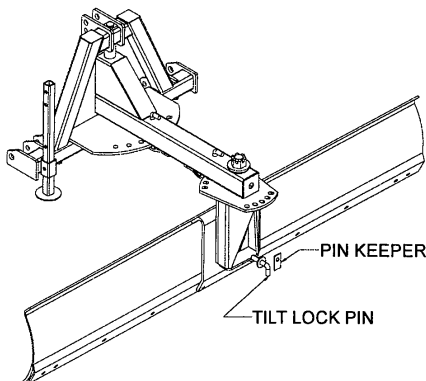


FIGURE 8

Blade Offset: (Refer to Figure 9)

The blade can be offset up to 20.50" by raising blade and hairpin cotter and swing lock pin from swing frame. Pivot blade assembly to desired offset and replace swing pin and hairpin cotter. Depending on the application, it may be necessary to adjust blade angle after adjusting blade offset.

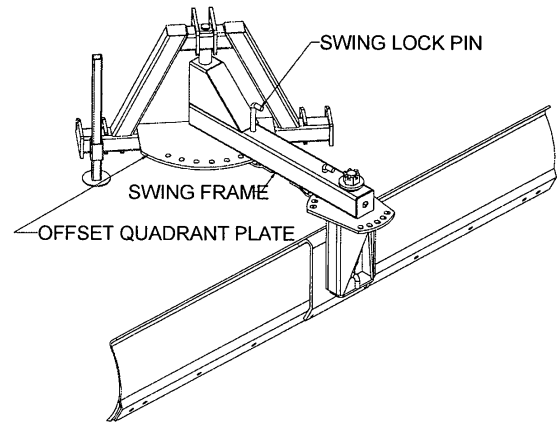


FIGURE 9

Operating Terrace Construction:

In construction of a terrace system, the first terrace is always started near the top of the slope. Always prepare an outlet water channel before constructing a graded terrace. By starting at the top of the slope and completing the outlet channel, erosion damage, in the event of rain during construction, will be prevented.

Blade Setting:

Set blade angle at 30° with the left--hand side of the blade forward. Raise the right--hand side of the blade to the desired cutting tilt by using the tractor right--hand lift link leveling crank. A first cut depth of 3" to 4" is recommended although this may vary according to ground conditions.

Terrace Layout:

The terrace is laid out as desired by marking the terrace course with stakes along the upper edge. The stakes provide a guide for the first cut which, on graded terraces, is started at the outlet channel. Follow the staked out course when making first shallow cut to mark out the terrace line.

On the return trip, the tractor is driven at a selected distance from the edge of soil deposited by blade on

opening cut. This cut is also shallow and serves to mark lower edge of terrace.

Second Cut:

The tractor front wheel should follow along the furrow wall made by the first cut with the blade lowered progressively deeper than the opening cut on the upper side of the terrace. On the lower side, make a cut slightly deeper than the opening cut.

Additional Cuts:

On the upper side, drive the tractor so that the front wheel is evenly spaced above the furrow wall. This will permit the blade to move a cut of soil of the same width. Distance from front wheel to furrow wall edge determines the width of cut. Do not try too large a cut at any time. On the lower side, smaller cuts must be made if it is desired to increase the width of the terrace, since it is more difficult to roll soil uphill than downhill from upper edge of terrace.

Terrace Profile:

The stakes mark location points of terrace. These points are:

- Upper edge of terrace
- Low point of water channel
- Crown of terrace ridge
- Lower edge of terrace

The ground below the terrace should be smoothed to blend into slope of adjoining undisturbed land. This prevents accumulation of water below ridge. Unless this ground blends into general slope, water will cause a soft spot in field and may start a gully.

The time required to construct a terrace and the number of rounds required to move loose soil will vary with soil type, local conditions, and size of terrace. The construction steps as outlined will be similar regardless of size or type of terrace being built. Discuss them with local conservation authorities.

By following these general suggestions, you will be able to build more terraces in less time.

Back Filling

Reverse blade and operate at 0° to back fill ditches, etc.

Drainage Ditch Construction

The grader blade lends itself readily to the construction of a V--type ditch used to drain surface water from wet areas. To start a ditch, angle left end of blade 30 and lower the left end of the blade. Make necessary cuts to obtain desired ditch depth. At intervals during construction, it may be necessary to move soil away from edge of ditch.

Road Maintenance

Maintenance of roads can easily be handled with a grader blade. The grader blade will do an efficient job of grading the road to a smooth surface.

Water Channel Construction

The grader blade can be used to construct a broad bottom water channel, one of the types that is popular with soil conservationists. After each new cut, move soil to sides of channel and spread evenly over side area. Place a gradual slope on channel edges so that the channel can be crossed easily by implements.

TRANSPORTING

- 1) Transport implement lifted high above ground.
- 2) Travel at a speed safe for terrain and other conditions.

WARNING

When implement is transported on public roads day or night, use signal lights conforming to local law. A Slow Moving Vehicle (SMV) emblem must be displayed and be visible from the rear. Do not exceed 20 mph travel speed.

MAINTENANCE

Keep cutting edge sharp for maximum performance. Reverse the cutting edge to get maximum use from both edges. Replace cutting edge as wear becomes excessive.

STORAGE

- 1) Clean all debris from rear blade.
- 2) Coat soil engaging surfaces with a rust inhibitor after cleaning.
- 3) Store on a level surface sheltered from the weather.

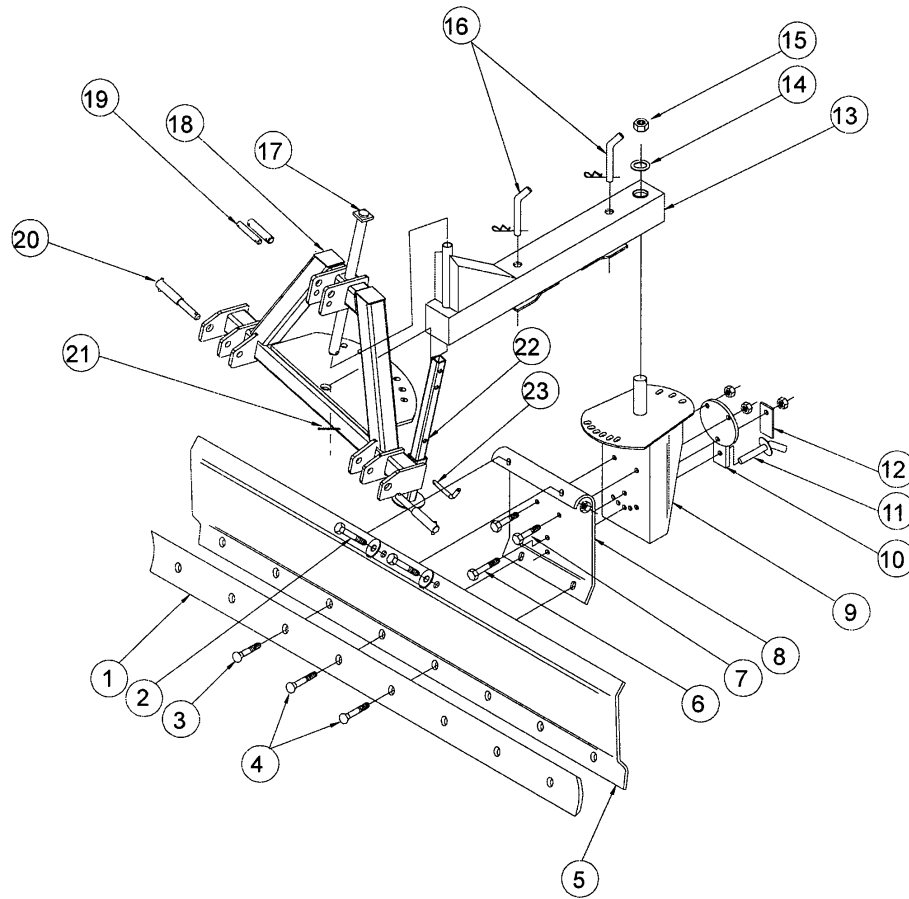


FIGURE 10 - GRADER BLADE COMPONENTS

Item	Part #	Description	Qty	Item	Part #	Description	Qty
1	815153	CUTTING EDGE - 72"	1	11	607233	PIN/LOCK	1
	900173	CUTTING EDGE - 84"	1	12	607234	PIN KEEPER	1
	815004	CUTTING EDGE - 96"	1	13	607220	SWING TUBE ASSY	1
2	303678	HHCS 5/8" x 2-1/2" GR5	2	14	24438	WASHER/FLAT HVY 1-1/2"	1
	303972	WASHER/FLAT 5/8"	2	15	304042	NUT/HEX SLOT 1-1/2"	1
	303956	WASHER/LOCK 5/8	2		304142	PIN/COTTER 5/16" x 3"	1
	304021	NUT/HEX LOCK 5/8"	2	16	607245	SWING LOCK PIN	2
3	303942	BOLT/PLOW 5/8" x 1-3/4"	-		304244	HAIRPIN COTTER	2
	304021	NUT/HEX LOCK 5/8"	-	17	607212	PIN/SWING PIVOT	1
4	900172	BOLT/PLOW 5/8" x 2-1/2"	2	18	607200	MAST ASSY GP BLD	1
	304021	NUT/HEX LOCK 5/8"	2	19	814699	PIN/3-POINT UPPER CAT I	1
5	607213	MOLDBOARD - 72"	1		814704	PIN/3-POINT UPPER CAT II	1
	607214	MOLDBOARD - 84"	1		304111	PIN/COTTER 3/16 X 2	2
	607215	MOLDBOARD - 96"	1		304244	HAIRPIN COTTER 3/16	2
6	303681	HHCS 5/8" x 3-1/2" GR5	1	20	815109	PIN/STEPPED CAT I & II	2
	306956	WASHER/LOCK 5/8"	1		304260	PIN/ROLL 3/8" x 2"	2
	304008	NUT/HEX 5/8"	1		303113	PIN/CLICK	2
7	303680	HHCS 5/8" x 3" GR5	2	21	304142	PIN/COTTER 5/16" x 3"	1
	304021	NUT/HEX LOCK 5/8"	2	22	815082	SUPPORT STAND	1
8	607243	MOLDBOARD MOUNT PLATE	1	23	815150	PIN/BENT	1
9	607224	UPPER PIVOT ASSY	1		304244	HAIRPIN COTTER 3/16	1
10	607232	LOCK/TILT	1				

