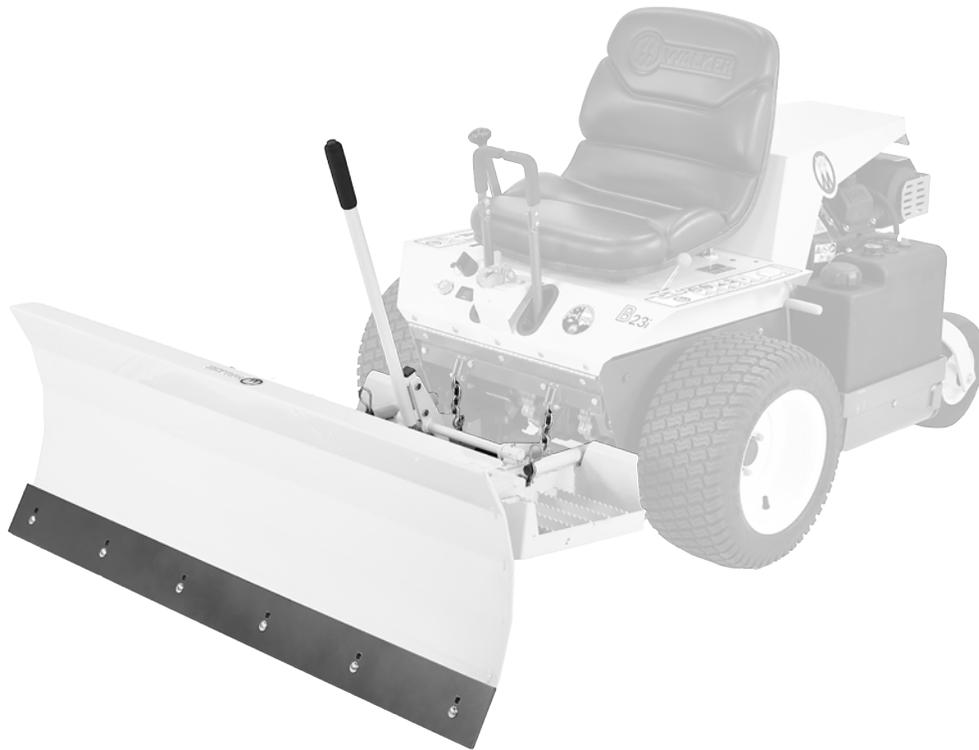




# WALKER

## **A32 Dozer Blade Attachment Operator's Manual**

Assembly, Attaching, Removing, Maintenance and Operation  
Compatible with models: B, C, D, S, T



### **Please Read and Save These Instructions**

For Safety, Read All Assembly and Operation Instructions  
Prior to Operating Attachment

Beginning S/N: 15-0326  
Effective Date: 4/01/15  
P/N: 6622-12



## Foreword

**Thank you.** . .for purchasing a Walker Dozer Blade Attachment. Every effort has been made to provide you with the most reliable machine on the market, and we are sure you will be among our many satisfied customers. If for any reason this product does not perform to your expectations, please contact your local dealer. Every customer is important to us. Your satisfaction is our goal.

**Please.** . .read this manual thoroughly! Before you operate your machine, please read this entire manual. Some of the information is crucial for proper operation - it will help protect your investment and ensure that the machine performs to your satisfaction. Some of the information is important to your safety, and must be read and understood to help prevent possible injury to the operator or others. If anything in this manual is confusing or hard to understand, please contact your local authorized dealer or call our service department, at (970) 221-5614, for clarification before operating or servicing this machine.

**All shields and guards must be in place for the proper and safe operation of this machine.** Where they are shown removed in this manual, it is for illustration purposes only. **Do not operate this machine unless all shields and guards are in place.**

Walker Mfg. Co. is continually striving to improve the design and performance of its products. We reserve the right to make changes in specifications and design without thereby incurring any obligation relative to previously manufactured products.

Sincerely,

WALKER MANUFACTURING COMPANY

Bob Walker, President

## **Table of Contents:**

Assembly _____	1
Attaching Blade to Tractor _____	5
Removing Blade from Tractor _____	8
Operation _____	9
Maintenance _____	12
Parts List/Diagram _____	14
Warranty _____	16

**The following lift bracket kits are required for utilizing the A32 Dozer Blade Attachment:**

- B, S tractors (4300-16)
- S (pre 2014), C, T, D tractors (5628-10)

**The following options are available for the A32 Dozer Blade Attachment:**

- Polyurethane Cutting Edge Kit 48" (6625-2)
- Blade Attachment Power Lift Kit (6622-11)

# Dozer Blade Assembly

## Parts Included in Bag:

Name:	Quantity:
5/16-18 whiz lock nuts (#F009)	2
5/16-18 x 1-3/4 hex bolts (#F316)	2
3/32 x 1/2 cotter pin (#F069)	1
1/4 x 0.80 clevis pin (#31)	1
5/16-18 x 2 eye bolt (#27)	1
Extension spring (#26)	1
3/16 x 1-1/8 roll pin (#F436)	1
5/16-18 ESNA nut (#F020)	1
5/16 x 7/8 x .125 washer (#F481)	1



## Recommended tools:

- Hammer
- Pliers
- Tapered punch
- 2x4
- Wrenches/socket wrenches

## Dozer Blade Assembly

1. Remove blade mount and dozer blade from boxes; lay blade mount on flat surface. Ensure all parts are included in the parts bag.
2. Remove the pivot shaft from the back of dozer blade and align the pivot shaft sockets on the blade mount and dozer blade.
3. Begin feeding the pivot shaft through by hand from left to right through the pivot shaft sockets. Then, using a hammer and punch, tap the pivot shaft through the pivot shaft sockets making sure to align the roll pin holes on the left hand side. The pivot shaft should have a snug fit in the sockets with no play or looseness.

**NOTE:** If needed, tap the pivot shaft back through the left pivot shaft socket approximately one inch and, using pliers rotate the pivot shaft to more closely align the roll pin holes. Tap pivot shaft back in place, and using a tapered punch inserted into roll pin holes, maneuver pivot shaft into alignment.

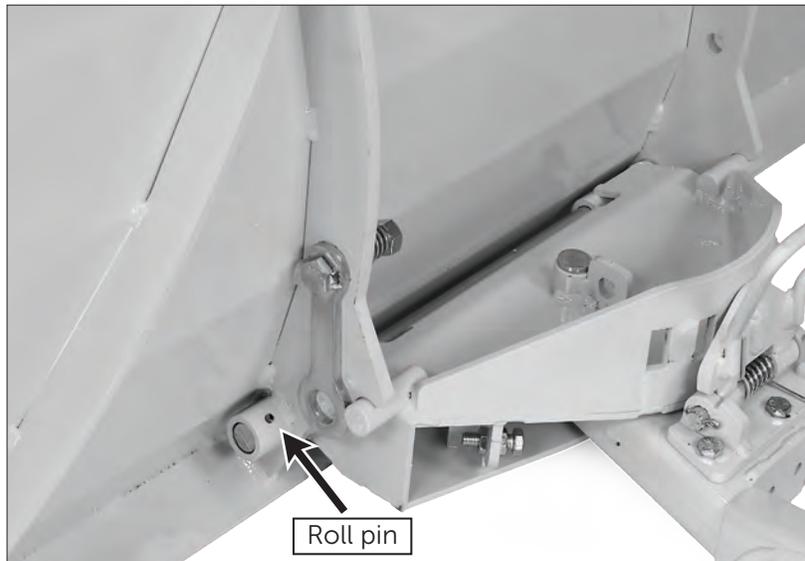


Figure 1.1

4. After ensuring proper alignment of the roll pin holes, use a hammer to tap roll pin into place as shown in figure 1.1.

5. Loop the extension spring through the spring mount tab in the center of the blade mount as shown in figure 2.1

Loop the eye bolt over the other end of the extension spring, and pull up on the extension spring so the threads of the eye bolt protrude through the eye bolt bracket as shown in figure 2.2.

**NOTE:** Stretching the spring to fit through the bracket may require two hands and an assistant may be needed to install the ESNA nut.

Place washer over the eye bolt and begin threading the ESNA nut onto eye bolt enough to hold eye bolt in place. Hold the eye bolt with pliers, and finish tightening the ESNA nut as shown in figure 2.3.



Figure 2.1



Figure 2.2



Figure 2.3



Figure 2.4

**NOTE:** Eye bolt threads need to protrude through the ESNA nut by at least 2 threads as in figure 2.4. See Dozer Blade Operation section for additional notes on the extension spring.

6. Lift the rear of the dozer blade attachment frame and place a block under the frame (as shown) so the locking arm can hang freely (figure 3.1).



Figure 3.2

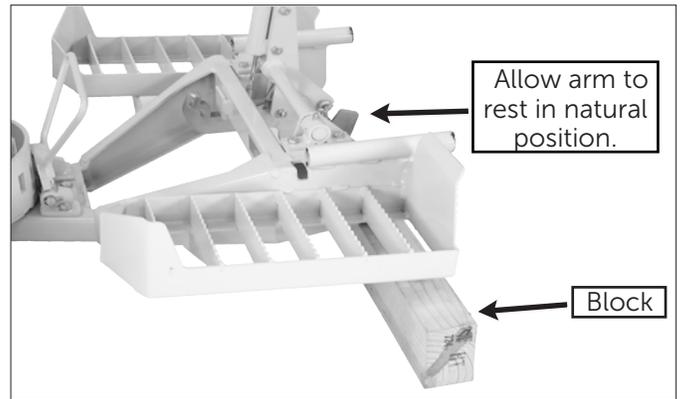


Figure 3.1

7. Put the lift handle in place (figure 3.2) and insert the two (2) 5/16-18 x 1-3/4 hex bolts through lift handle. Install whiz lock nuts and tighten with wrench.

8. Align clevis over locking arm (figure 3.3), and insert clevis pin. With the clevis pin in place, check that the lift release push button projects 3/8" above the lift handle. Adjust the clevis or button position on the threaded rod until the push button is positioned as shown in figure 3.4. Insert cotter pin, and using needle nose pliers, bend cotter pin to secure the clevis pin (figure 3.5).

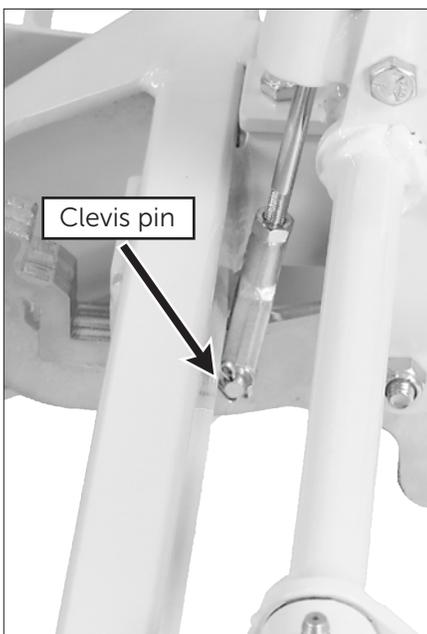


Figure 3.3

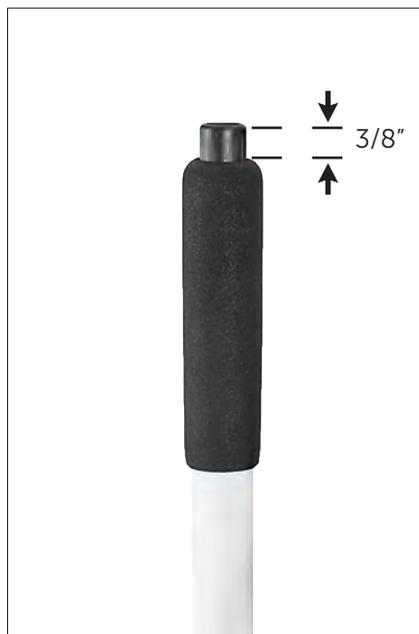


Figure 3.4

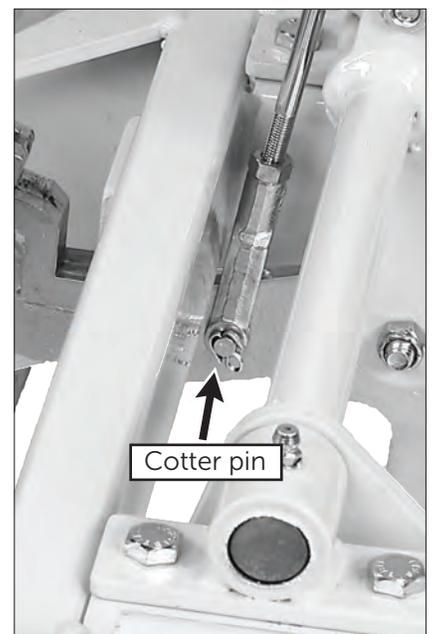


Figure 3.5

# Attaching Dozer Blade to Tractor

**NOTE:** Depending on the tractor model, either the P/N 4300-16 or P/N 5628-10 lift bracket kit will need to be installed on the tractor chassis frame prior to attaching the dozer blade. See page ii to determine the correct kit.

1. With the dozer blade attachment resting on the ground, align the tractor support arms with the attachment frame tube sockets.

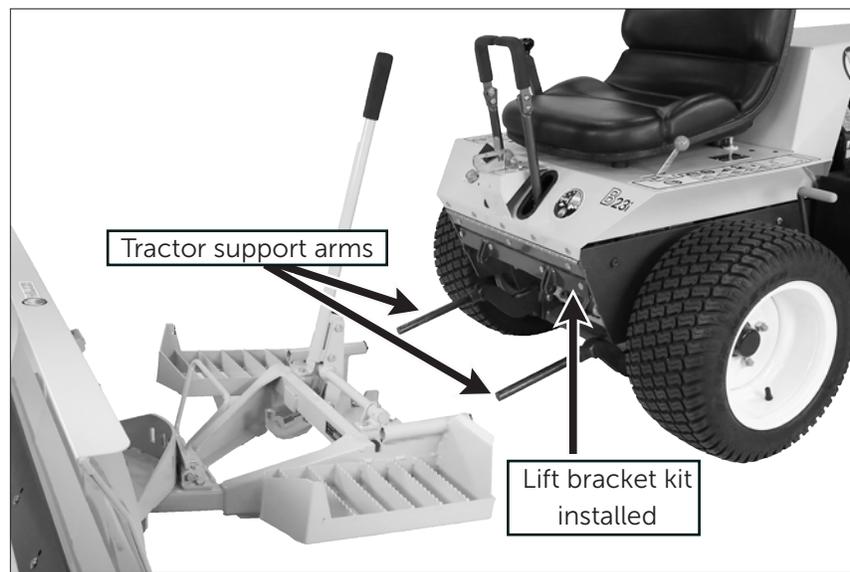


Figure 4.1

2. If needed, grease the support arms. Slide the dozer blade attachment completely onto the support arms, and install the two hitch pins through the holes on the support arms to secure the dozer blade.

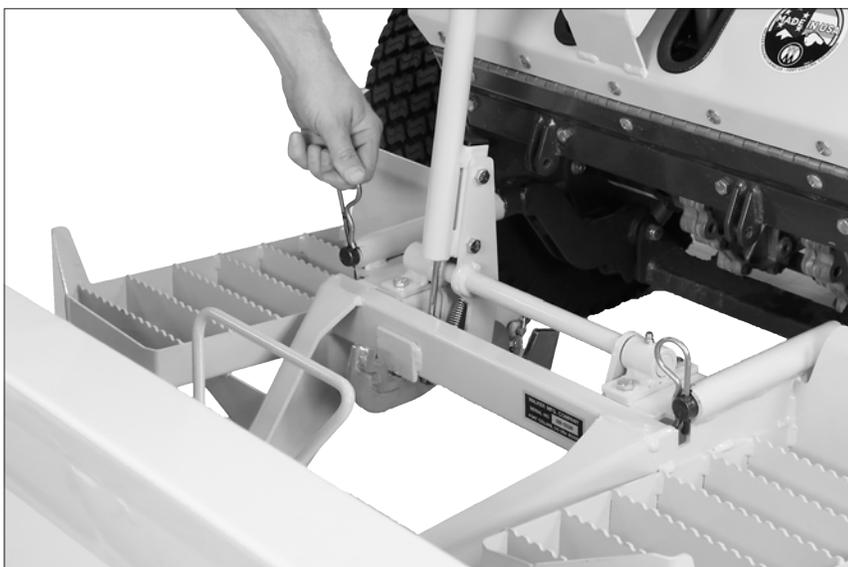


Figure 4.2

**NOTE:** If pins are difficult to install, it may be necessary to remove paint on the back of the attachment frame tube sockets.

3. Pull the lift handle forward (toward the blade) to align one lift chain with the hole in the lift bracket, insert the 5/16-18 x 1-1/4 hex bolt and install the nut finger tight. Repeat process on the other lift chain.



Figure 4.3

**Warning** ⚠

To avoid injury, keep head and face out of the lift handle's path of travel while under tension in the forward position. Slowly release pressure when lift chains are secure.

**NOTE:** Pulling the lift handle forward requires a considerable amount of force while at the same time connecting the lift chain. This task is more easily accomplished with an assistant.

4. Tighten the lift chain bolts and nuts **ONLY** until they are just touching the lift brackets (figure 4.4).

**Caution** ⚠

Overtightening can cause damage to the lift brackets.



Figure 4.4

5. Check operation of the lift release push button on the top of the lift handle. If additional travel is needed, loosen jam nut on clevis and rotate rod until desired length is achieved, and then retighten jam nut. See figures 3.4 and 3.5 for reference.

6. Check adjustment of angle stop bolts with blade in the fully angled position in both directions (figure 4.5). Confirm foot trigger locking tang engages freely in the angle adjust slot while the stop bolt is contacting the side of the attachment frame tongue (figure 4.6). Adjust as necessary.

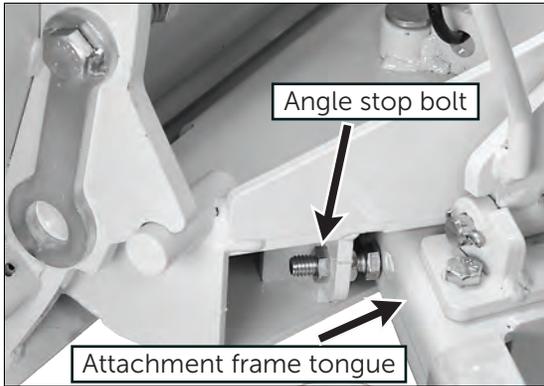


Figure 4.5

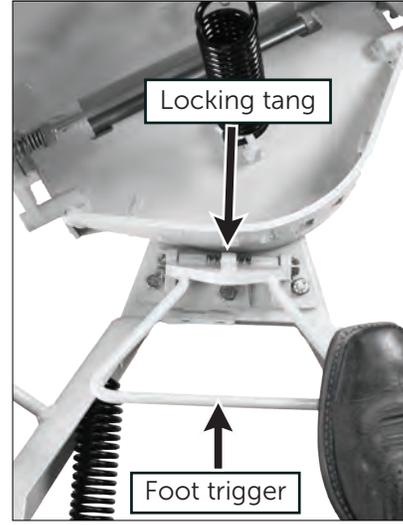


Figure 4.6

# Removing Dozer Blade from Tractor

1. On a flat surface, lower the dozer blade so it is resting on the ground.
2. To release the lift chains, remove the two 5/16-18 ESNA nuts; pull forward on the lift handle (toward blade) to relieve tension on lift chains. While holding the lift handle forward, remove 5/16-18 x 1-1/4 hex bolts from the lift brackets.

## **Warning**

To avoid injury, keep head and face out of the lift handle's path of travel while under tension in the forward position. Slowly release pressure when lift chains are disconnected.

3. Remove the hitch pins from the support arms.
4. Slide the dozer blade attachment off the support arms.

# Dozer Blade Operation

## Lift/Lower blade

- To lift the dozer blade:
  - Pull back on the lift handle. The blade can be placed in two raised positions:
    - (1) First position: approximately 2.5" above ground
    - (2) Second position: approximately 6.5" above ground
- To lower the blade:
  - Pull back slightly; push and hold the push button on the top of the lift handle to prevent the locking arm from engaging.
  - Lower blade to desired position.

## Blade Angle Position

- There are five angle positions to which the blade can be adjusted:
  - Straight forward
  - Right/Left 15 degrees
  - Right/Left 30 degrees

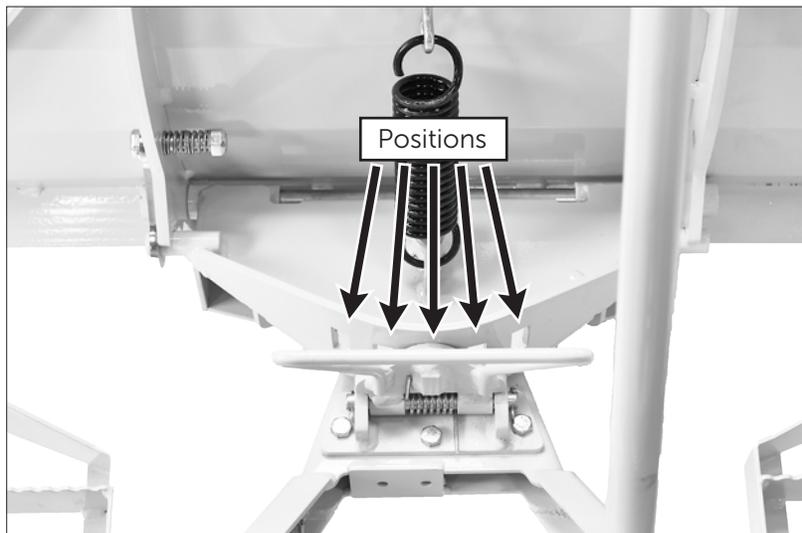


Figure 5.1

## Adjusting Blade Angle

- While off the ground:
  - **Method 1:** Use one foot to hold down the foot trigger (figure 5.2) while using your other foot to push the blade into the desired position (figure 5.3). Release the foot trigger to allow locking tang to engage into place.



Figure 5.2



Figure 5.3

- **Method 2:** To swing the blade into position, hold down the foot trigger (figure 5.4) while turning the tractor using the momentum of the blade to swing the blade into the desired position and release foot trigger to allow locking tang to engage into place

- While on the ground:
  - Hold down the foot trigger (figure 5.4) and turn the machine. While turning right, dozer blade will pivot left; while turning left, dozer blade will pivot right. Release the foot trigger to allow locking tang to engage into place.



Figure 5.4

### Extension Spring / Trip Spring

The dozer blade is designed to “trip” forward when striking large rocks, tree stumps, etc. Once the blade clears the obstacle, the blade will spring back to normal operating position, reducing shock to the operator and tractor.

- Adjust the extension spring tension by holding the eye bolt with pliers and tightening the ESNA nut (figure 6.1) to the amount of tension required for safe operation (a minimum of 2 threads should protrude through ESNA nut).



Figure 6.1

## Trip Lock

**Rigid use:** When the operator can be absolutely certain there are no rigid obstructions on the surface (e.g. broken sidewalks, tree roots, stakes, etc.) while using the dozer blade, and the forward trip action of the blade is **NOT** required, move the trip lock over the stop rod.

- To engage the trip lock, compress the spring and rotate the trip lock over the stop rod (figure 7.1). Release pressure on the spring, and place lock over stop rod (figure 7.2). Be sure the trip lock seats flush on the stop rod. This procedure “locks” the blade in place and will prevent the forward trip action.

### Caution

Using the trip lock is **NOT** recommended when obstructions can not be seen (e.g. under snow cover).

Rigid blade operation should **ONLY** be used with low ground speed.



Figure 7.1



Figure 7.2

# Maintenance

For maintenance instructions for your tractor, please see the Operator's Manual for your model. If you do not have an owner's manual, you can download one at [www.walkermowers.com](http://www.walkermowers.com). Select your model, then click on "Downloads".

1. Grease the following grease points (figure 8.1) every 25 hours of operation:

- Attachment frame tube sockets
- Lift pivots

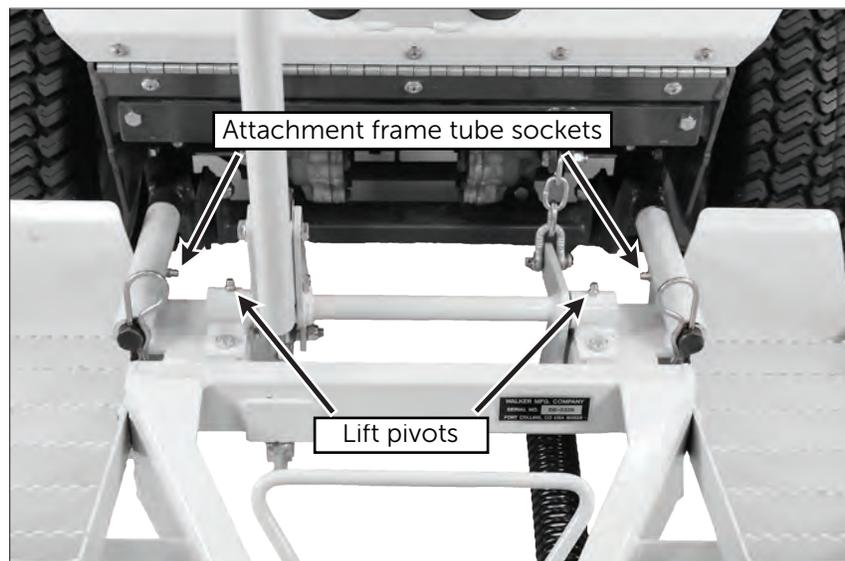


Figure 8.1

2. Lubricate the following oil points every 25 hours of operation with SAE 10 oil:

- Blade angle pivot (figure 8.2)
- Foot trigger pivot (figure 8.3)
- Locking arm pivot (figure 8.4)



Figure 8.2

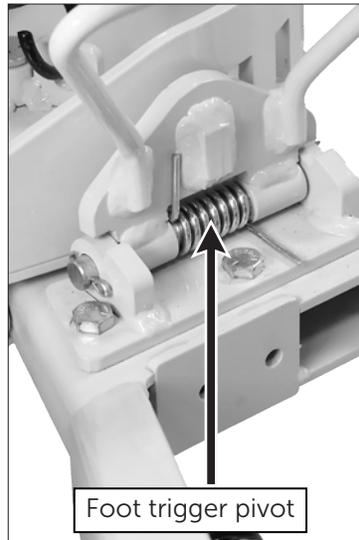


Figure 8.3

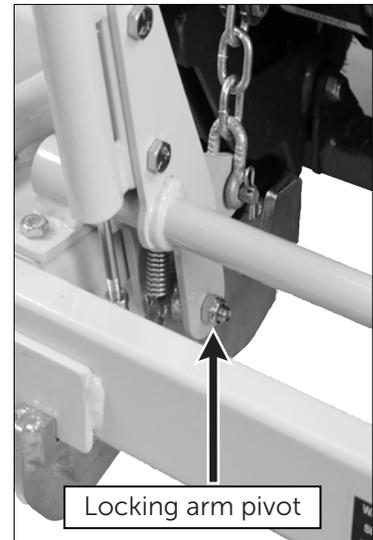


Figure 8.4

3. Inspect wear strip often (approximately every 2 hours of operation). Upon reaching the maximum allowable wear (approximately 1/8" remaining as shown in figure 8.5) either lower wear strip to second row of carriage bolt holes, flip the wear strip, or replace the wear strip. **DO NOT** allow the wear strip to become so worn as to cause damage to the dozer blade.

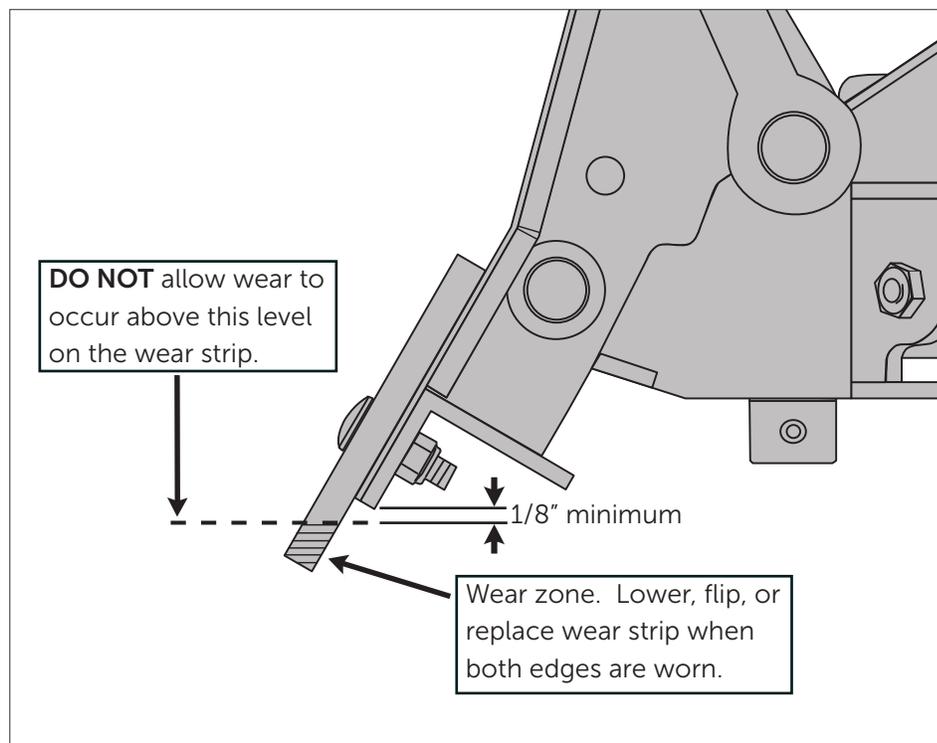
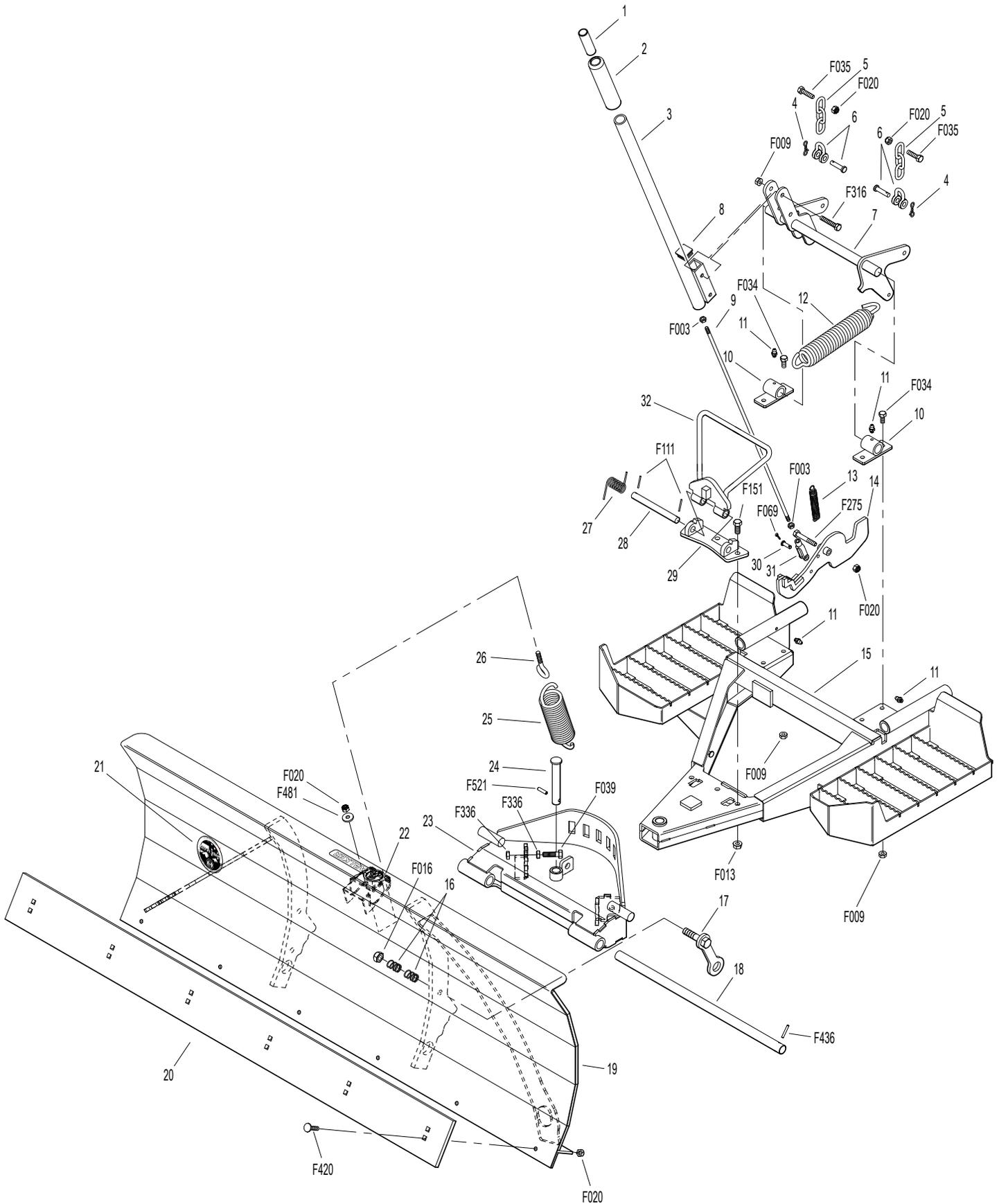


Figure 8.5

# 48" DOZER BLADE ATTACHMENT (A32)

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
<b>Dozer Blade Attachment</b>				<b>Fasteners</b>			
1	6624-16	Push Button	1	33	F003	1/4-28 Hex Nut	2
2	9850-1	Handle Grip	1	34	F009	5/16-18 Whiz Locknut	6
3	6624-8	Lift Handle	1	35	F013	3/8-16 Whiz Locknut	3
4	4407-4	Bow Tie Cotter Pin	2	36	F016	1/2-13 Self-Locking Nut	1
5	6622-9	Lift Chain	2	37	F020	5/16-18 ESNA Nut	10
6	5653	Chain Shackle (5/16)	2	38	F034	5/16-18 x 3/4 Hex Bolt	4
7	6624-6	Lift Arm	1	39	F035	5/16-18 x 1-1/4 Hex Bolt	8
8	8662-5	Square Plug (1 x 1)	1	40	F039	3/8-16 x 1-1/4 Hex Bolt	2
9	6624-15	Push Button Rod	1	41	F069	3/32 x 1/2 Cotter Pin	1
10	6622-4	Lift Pivot (Includes Item # 11)	2	42	F111	1/8 x 3/4 Cotter Pin	2
11	5830	Grease Fitting	4	43	F151	3/8-16 x 7/8 Hex Bolt	3
12	5743-11	Extension Spring (1-1/2 x 7-3/4)	1	44	F275	5/16-18 x 2 Hex Bolt	1
13	5229	Extension Spring (1/2 x 2-1/4)	1	45	F316	5/16-18 x 1-3/4 Hex Bolt	2
14	6624-22	Locking Arm	1	46	F336	3/8-16 Jam Nut	4
15	6624-2	Main Frame Weldment	1	47	F420	5/16-18 x 1-1/4 Carriage Bolt	6
16	8401-2	Safety Lockout Spring	2	48	F436	3/16 x 1-1/8 Spring Pin	1
17	6624-5	Break Away Lock	1	49	F481	Washer 5/16 x 7/8 x .125	1
18	6624-10	Pivot Shaft (18-3/8)	1	50	F521	Roll Pin 1/4 x 1	1
19	6624-20	Dozer Blade (48") (Includes Items # 21 & 22)	1				
20	6624-18	Cutting Edge/Steel 48-1/2"	1				
21	5856-1	Decal, Made In USA	1				
22	5809-2	Decal, Walker	1				
23	6624-3	Blade Mount	1				
24	6624-11	Hitch Pin	1				
25	6624-13	Extension Spring	1				
26	6624-19	Eye Bolt (5/16-18 x 2)	1				
27	6624-12	Torsion Spring	1				
28	6624-14	Pivot Shaft (4-7/8)	1				
29	6624-9	Foot Trigger Mount	1				
30	5281-5	Clevis Pin (1/4 x 0.80)	1				
31	5280	Clevis (1/4)	1				
32	6624-4	Foot Trigger	1				

# 48" DOZER BLADE ATTACHMENT (A32)



# LIMITED WARRANTY FOR WALKER DOZER BLADE ATTACHMENT

**1. What this warranty covers, and for how long:**

Walker Manufacturing company will, at its option, repair or replace, without charge, any part covered by this warranty which is found to be defective in material and/or workmanship within one (1) year after date of sale to the original retail purchaser unless the product is used for rental purposes, in which case this warranty is limited to ninety (90) days. At Walker's request, customer will make the defective part available for inspection by Walker and/or return the defective part to Walker, transportation charges prepaid. All parts and components of the Walker Mower attachment are covered by this warranty

**2. What this warranty does not cover:**

A. This warranty does not cover defects caused by depreciation or damage caused by normal wear, accidents, improper maintenance, improper use or abuse of the product, alterations, or failure to follow the instructions contained in the Operator's Manual for operation and maintenance.

B. The customer shall pay any charges for making service calls and/or for transporting the attachment to and from the place where the inspection and/or warranty work is performed.

**3. How to obtain service under this warranty:**

Warranty service can be arranged by contacting the dealer where you purchased the machine or by contacting Walker Manufacturing Company, 5925 East Harmony Road, Ft. Collins, CO 80528. Proof of the date of purchase may be required to verify warranty coverage.

**4. Warranty limitation:**

**A. THERE IS NO OTHER EXPRESS WARRANTY. ANY WARRANTY THAT MAY BE IMPLIED FROM THIS PURCHASE INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IS HEREBY LIMITED TO THE DURATION OF THIS WARRANTY AND TO THE EXTENT PERMITTED BY LAW ANY AND ALL IMPLIED WARRANTIES ARE EXCLUDED.** Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

**B. WALKER WILL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES AND/OR EXPENSES IN CONNECTION WITH THE PURCHASE OR USE OF THE WALKER MOWER AND ATTACHMENT.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation(s) or exclusion(s) may not apply to you.

C. Only the warranty expressed in this limited warranty shall apply and no dealer, distributor, or individual is authorized to amend, modify, or extend this warranty in any way. Accordingly, additional statements such as dealer advertising or presentations, whether oral or written, do not constitute warranties by Walker, and should not be relied upon.

D. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



**WALKER**

**WALKER MFG. CO. 5925 HARMONY ROAD, FORT COLLINS, CO. 80528 - (970)221-5614**  
FORM NO. 011116 PRINTED IN USA