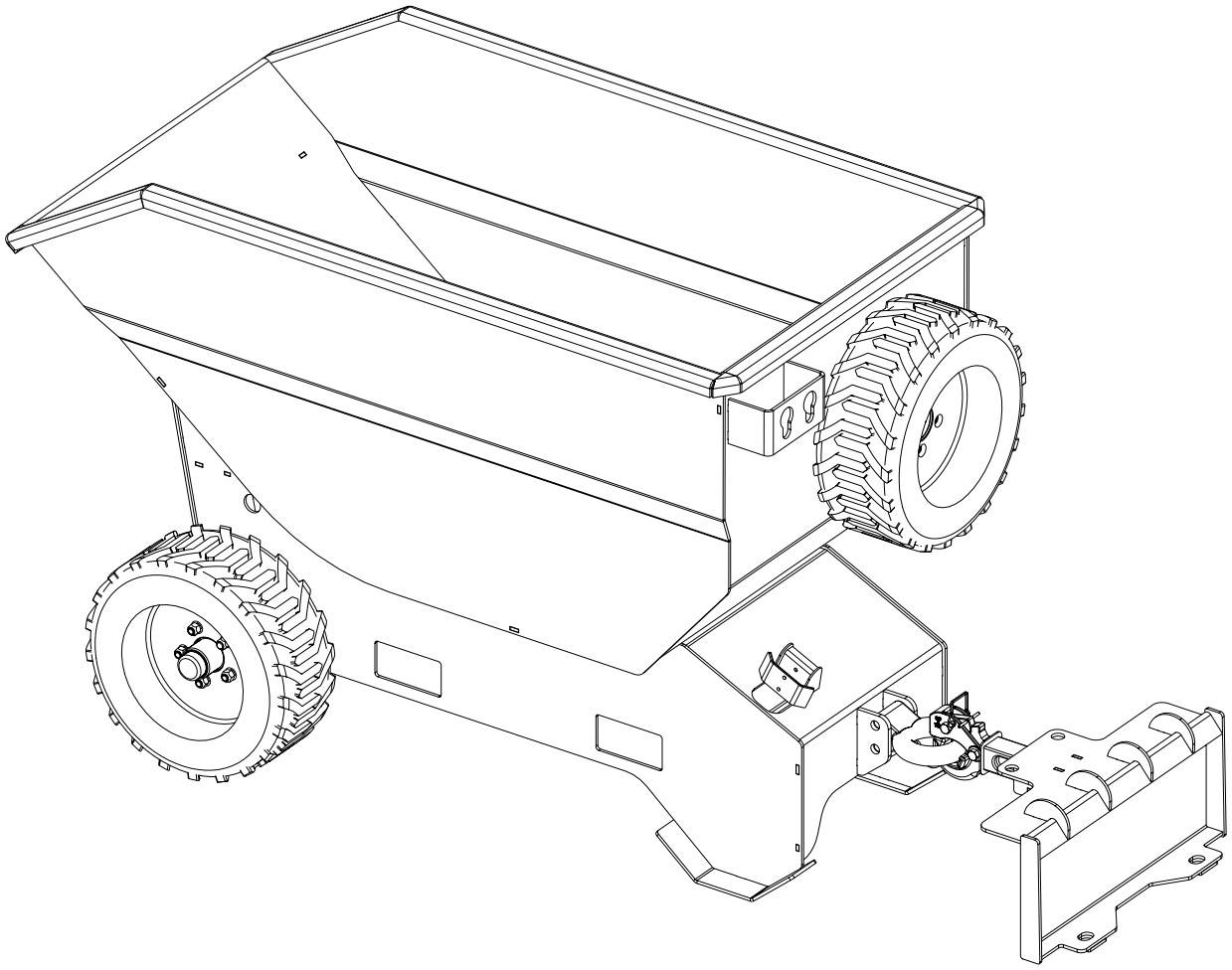
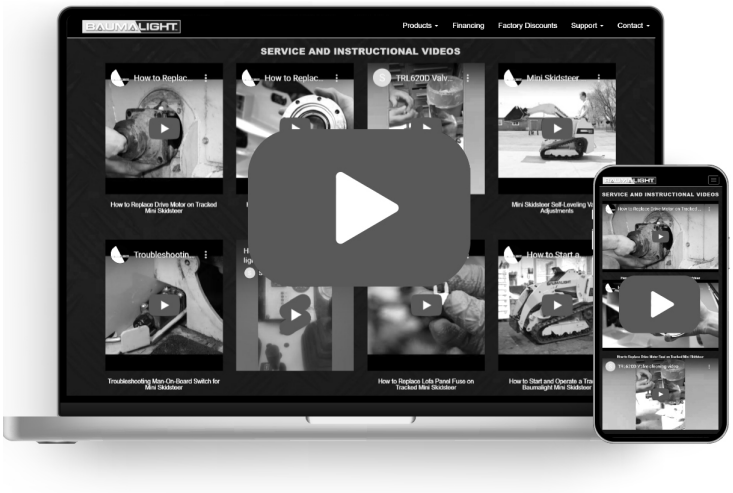


BAUMALIGHT™

DW51QT Trailer Mini Dumper

OPERATOR'S MANUAL

Issue Date: October 2026



Service And Instructional Videos

Find online at baumalight.com/support

Following is a list of videos and documents available on Baumalights website and also on YouTube to help and enhance maintaining the dumper. The list below was current at the time this manual was issued. Additional content may be available.

Activity ID Number	Activity Name	Description	Item Available
391	Hooking Up to Mini Skidsteer.	Instructional Video.	Video
430	Hydraulic Cylinder.	Replacing Seals On Hydraulic Cylinder.	Video
466	Communicating Measurements.	Why Not To Send Pictures Of Measuring Tapes To Communicate Measurements.	Video

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1 INTRODUCTION

1.1 Overview

Congratulations on your choice of a Baumalight Mini Wheeled Dumper. This equipment has been designed and manufactured to meet the needs of a discriminating buyer for efficient operation.

Safe, efficient and trouble free operation of your dumper requires that you and anyone else who will be operating or maintaining the dumper, read and understand this Operator's Manual.

This manual covers the DW51QT Mini Wheeled Dumper. Use the Table of Contents as a guide to locate required information.

Keep this manual handy for frequent reference and to pass on to new operators or owners. Contact your Baumalight dealer if you need assistance, information or additional copies of the manuals.

When this machine is worn out and no longer in use, it should be returned to the retailer or other party for recycling.

OPERATOR ORIENTATION - The directions left, right, front and rear, as mentioned throughout this manual, are as seen from the operator's platform and facing in the direction of travel.

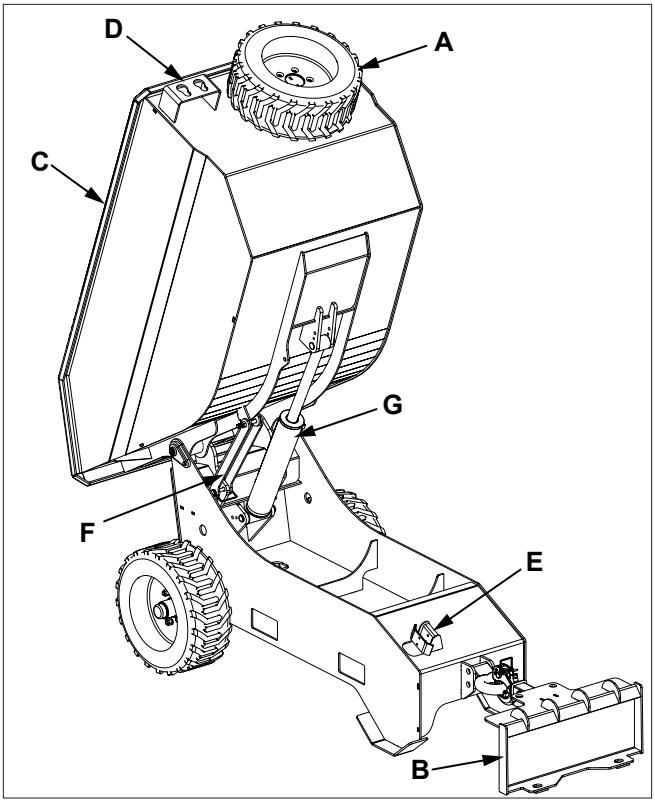
1.2 Intended Use And Foreseeable Misuse

The dumper is designed to be used by experienced operators, trained in the safe operation and hazards related to using the dumper and the safe use of the dumper for the intended purpose. Operators will require personal protective equipment to reduce the risk from some hazards that cannot be completely eliminated or controlled by the design of the dumper.

The dumper is not designed for use in hazardous atmospheres where there is a risk of fire or explosion due to flammable gases or vapors. Use in hazardous, explosive atmospheres is prohibited.

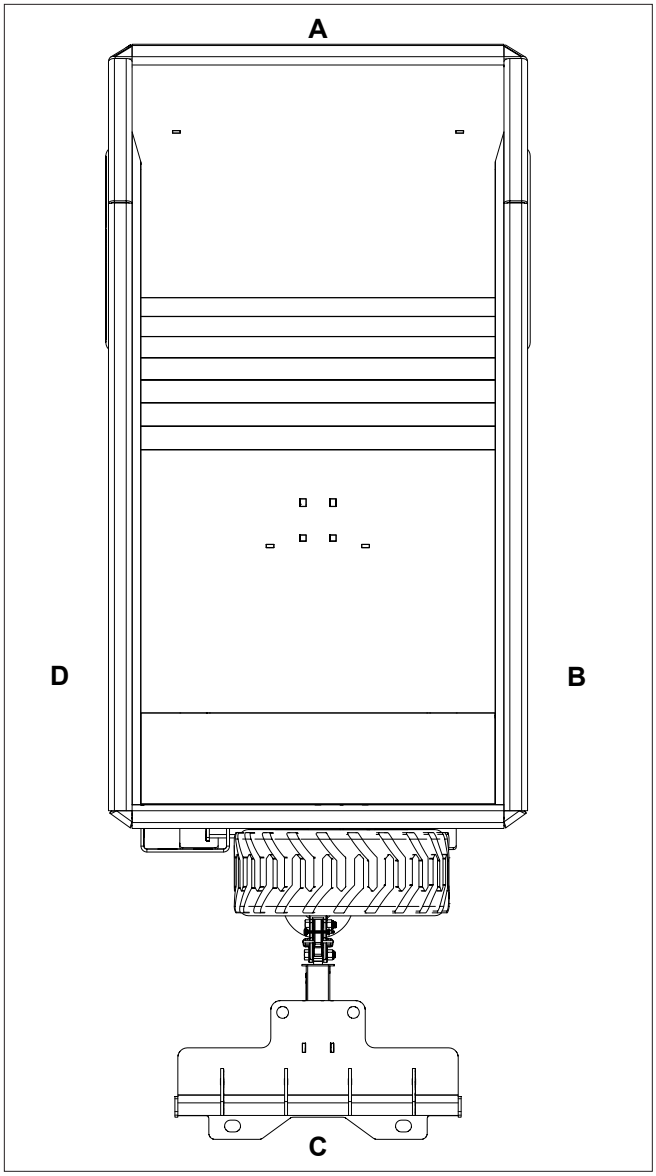
Serious injury or death of the operator or bystanders may be caused if the dumper is misused. .

1.3 Components



A. Spare Tire
B. Mini Skid Steer Adapter
C. Dumper Bucket
D. Hose Hanger
E. Hose Clip
F. Bucket Safety Lock Bar
G. Hydraulic Cylinder

1.4 Operator Orientation



A. Front
B. Right Side
C. Rear
D. Left Side

2 SAFETY

2.1 Safety Alert Symbol And Safety Words

You must read, understand and follow the instructions given by the operating unit manufacturers, as well as the instructions in this manual.

The safety information in this manual is denoted by the safety alert symbol:



This symbol means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

The level of risk is indicated by the following signal words:

DANGER

DANGER - Indicates a hazardous situation, which, if not avoided, WILL result in death or serious injury.

WARNING

WARNING - Indicates a hazardous situation, which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION - Indicates a hazardous situation, which, if not avoided, could result in minor or moderate injury.

NOTICE

NOTICE - Indicates a situation that could result in damage to the equipment or other property.

2.2 Operational Hazards

DANGER

A lowering or falling dumper bucket can result in death or serious injury.

NEVER enter the area under the dumper bucket unless the empty dumper bucket is supported by the bucket safety lock bar.

DANGER

The bucket safety lock bar is designed to support an empty dumper bucket only.

NEVER support a loaded dumper bucket by the bucket safety lock bar.

Unload the dumper bucket before using bucket safety lock bar.

WARNING

Prevent death or serious injury.

Read and understand this manual before operating the dumper.

Never allow anyone near the dumper during operation.

Travel at a safe speed.

⚠ WARNING

Prevent death or serious injury from moving parts.

Moving parts can crush and dismember.

Do not operate without guards and shields in place.

Disconnect and lockout power source before adjusting or servicing.

⚠ WARNING

Use dumper only for the designed applications.

Any other use may result in personal injury, damage to equipment and may void the warranty.

⚠ WARNING

An overloaded dumper or improperly distributed load can result in death or serious injury.

An overloaded dumper can cause hydraulic system to malfunction, resulting in dump box falling.

A load that is improperly distributed in the dumper bucket can result in the machine tipping over when the dumper bucket is raised.

⚠ WARNING

A soft and/or uneven surface may cause the machine to overturn when the dumper bucket is raised.

Raise the dumper bucket only if the machine is on a firm and level surface.

Carefully read all safety messages in this manual and on equipment safety signs. Keep safety signs in good condition and replace missing or damaged safety signs.

New components and repair parts must include the current safety decal.

Learn how to properly operate the dumper. NEVER operate or work around this equipment without proper instruction, while fatigued or under the influence of alcohol, prescription or non-prescription medication or if feeling ill.

Keep your equipment in proper working condition. Know the regulations and laws that apply to you and your industry. This manual is not to replace any regulations or laws. Additional information may be found at: www.asae.org or www.osha.gov.

If you do not understand any part of this manual, contact your Baumalight dealer.

Prepare For Emergencies

Be prepared in case of emergencies.

Keep a fire extinguisher and first aid kit close to the machine.

Keep emergency phone numbers in your phone.

Know your address so emergency services can locate you if an emergency arises.

Replace Safety Signs

Replace missing or damaged safety signs.

Safety signs are identified in Section 3 of this manual.

Replacement safety signs are available from your Baumalight dealer.

Do Not Allow Riders

NEVER lift or carry anyone on the dumper.

NEVER use dumper as a work platform.

NEVER allow passengers on the dumper.

Lower Operating Speed

Move at slow speeds on rough or uneven terrain.

Avoid Rollover

The equipment may rollover, resulting in death or serious injury. To help prevent rollover:

- Travel at a slow speed.
- Avoid sharp turns & sudden movement on slopes.
- Avoid holes, ditches and other obstructions which may cause equipment to rollover.
- Use caution when operating on slopes and do not operate on excessively steep slopes.
- Do not exceed load capacity of equipment.

Avoid Loud Noise

⚠ WARNING

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.

Hazards From Modifying Equipment

Do not make any alterations to your dumper. Altering the equipment may cause unsafe conditions and may void the manufacturer's warranty.

Avoid High Pressure Fluids

⚠ WARNING

Pressurized fluids can penetrate the skin.

Hydraulic hoses can fail from age, damage and exposure.

Use body and face protection while searching for leaks. A tiny, almost invisible leak can penetrate the skin, thereby requiring immediate medical attention.

Use wood or cardboard to detect hydraulic leaks, never use your hands.

Escaping fluid under pressure can penetrate the skin causing serious injury.

Prevent the hazard by relieving pressure before connecting or disconnecting hydraulic hoses. Verify all connections are tight before applying pressure.

Search for leaks with a piece of cardboard or wood.

Protect hands and body from high pressure fluids. If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or serious infection may result.

Raised Dumper Bucket

⚠ WARNING

Prevent death or serious injury.

Raised unsupported dumper bucket could fall, resulting in death or serious injury.

Never enter the area under raised dumper bucket.

Raised dumper bucket can lower unexpectedly, resulting in death or serious injury.

NEVER enter area under raised dumper bucket.

Lower dumper bucket, engage skid steer park brake, shut off engine and remove key before servicing.

2.3 Maintenance Hazards

Before servicing, park skid steer on a firm and level surface, engage park brake, remove key and place a “Do Not Operate” tag on control panel. Read and understand this manual.

If you do not understand any part of the manual, contact your Baumalight dealer.

Always wear face and/or eye protection, safety shoes, and other protective equipment appropriate for the job.

Do not make unauthorized modifications. Contact your Baumalight dealer before you weld, cut/drill holes, or make any other modifications.

⚠ WARNING

Moving parts can crush and cut.

Keep clear of moving components.

Follow lockout procedure before servicing.

⚠ WARNING

Entanglement hazard.

Keep clear of moving components.

Wear proper protective equipment appropriate for the job.

⚠ WARNING

Burn hazard.

Hot and high pressure hydraulic oil.

Allow oil to cool before servicing.

⚠ DANGER

A lowering or falling dumper bucket can result in death or serious injury.

NEVER enter the area under the dumper bucket unless the empty dumper bucket is supported by the bucket safety lock bar.

⚠ DANGER

The bucket safety lock bar is designed to support an empty dumper bucket only.

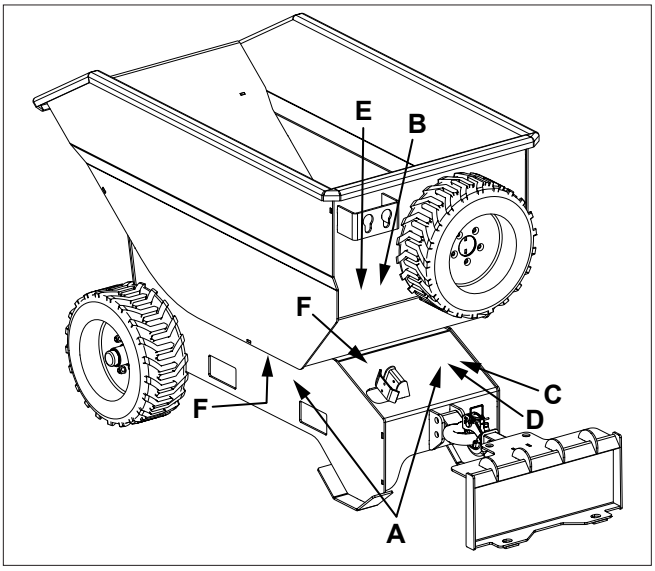
NEVER support a loaded dumper bucket by the bucket safety lock bar.

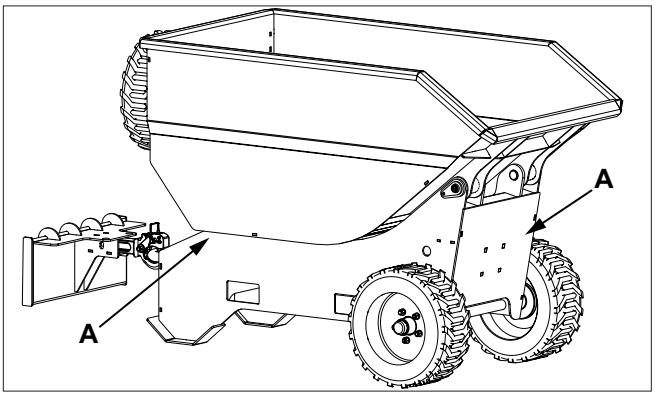
Unload the dump box before using bucket safety lock bar.

3 SAFETY SIGNS

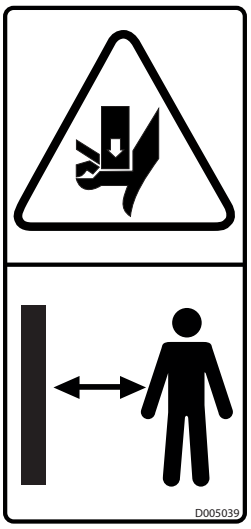
The two and four panel safety decals are pictorial and have a yellow background. The panel with a triangle indicates the potential hazard. The panel without a triangle indicates how to avoid the hazard.

If any of the decals are missing, are damaged, or if you do not understand the decal, please contact your dealer.

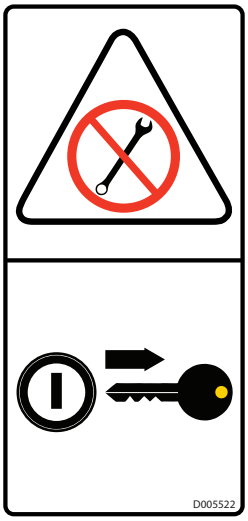




A. D005039 ⚠ WARNING - Pinch point / crush hazard. Do not reach into machine. Keep away from machine.



B. D005522 ⚠ WARNING - Remove key before performing service.



C. D005262 ⚠ WARNING - P65 warning information.

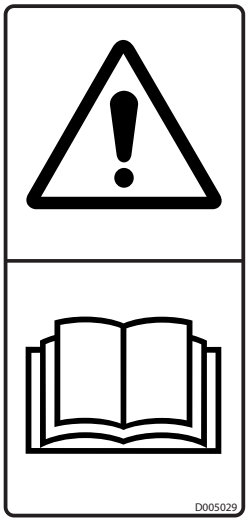
⚠ **WARNING:** This product can expose you to chemicals including 1,3-Butadiene and lead, which are known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

D005262

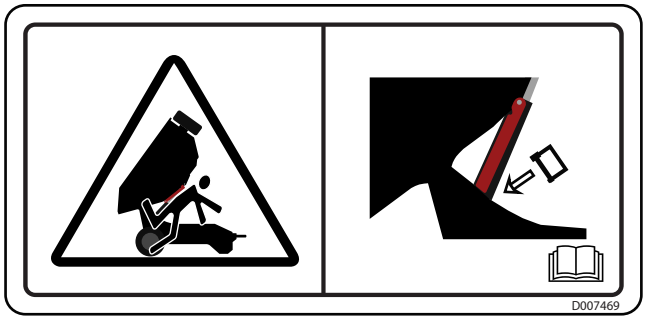
D. D005030 ⚠ WARNING - Pressurized fluid hazard. Keep away from machine.



E. D005029 ⚠ WARNING - Read and understand safety signs on the machine and operating instructions in this manual before operating machine.



F. D007469 ⚠ WARNING - Crush hazard. Install service lock.



4 OPERATION

4.1 Preparation For Use

Operator must be properly trained and understand operator's manual before using equipment. Do not allow untrained or unqualified people to operate this equipment.

Check all bolts for tightness and remove all shipping tags, bags, skids, and blocking.

It is your responsibility to operate this equipment safely. You must be familiar with the equipment and all safety practices before use.

Inspect equipment before operating. Repair or replace any worn or damaged parts. Replace missing or damaged safety shields and safety signs.

Keep bystanders away from work area.

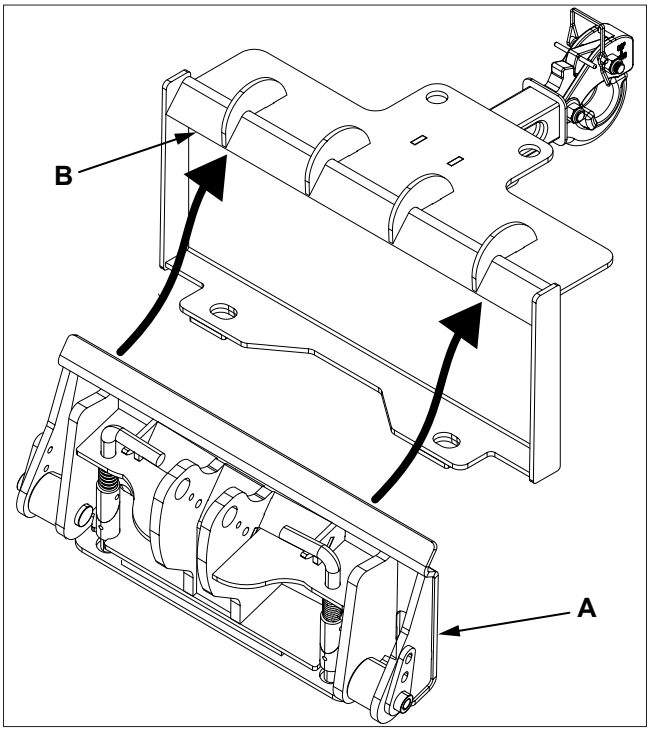
Always wear protective equipment appropriate for the job.

Do not operate, work on or around this machine while under the influence of alcohol, drugs or if feeling ill.

Keep clear of moving equipment at all times.

4.2 Connect To Adapter

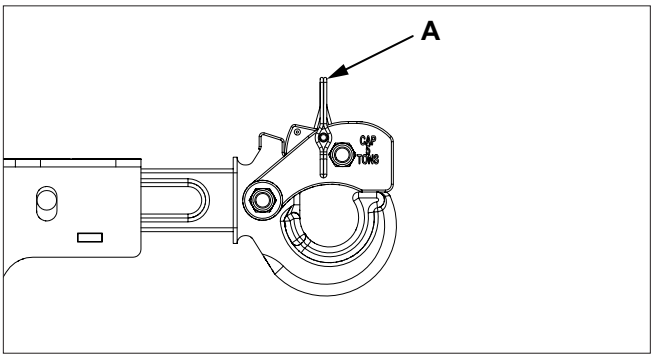
1. Verify the mount plate and receiver plate are free of any dirt or debris and that the locking mechanism pins rotate freely. Lubricate locking mechanism if necessary.
2. Tilt carrier mounting plate (A) forward.
3. Position mounting plate into the upper lip (B) of the receiver plate.



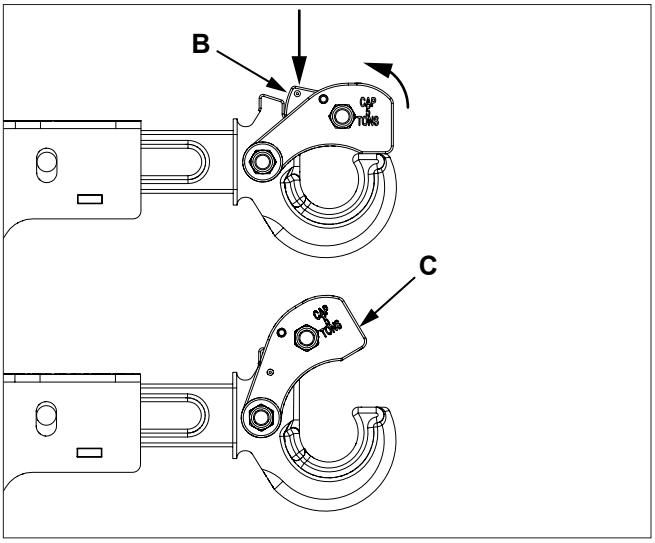
4. Raise carrier lift arms slightly while tilting mount plate back at the same time. The shredder should be raised enough to clear the ground and the mounting plate (A) should be tilted all the way back.
5. Stop carrier engine.
6. Engage mounting plate locking mechanism pins. Verify pins are fully seated through the receiver plate.

4.3 Connect To Mini Dumper

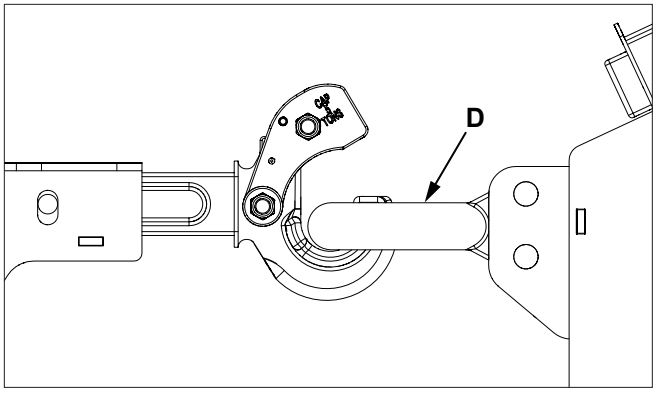
1. Remove safety lock pin (A).



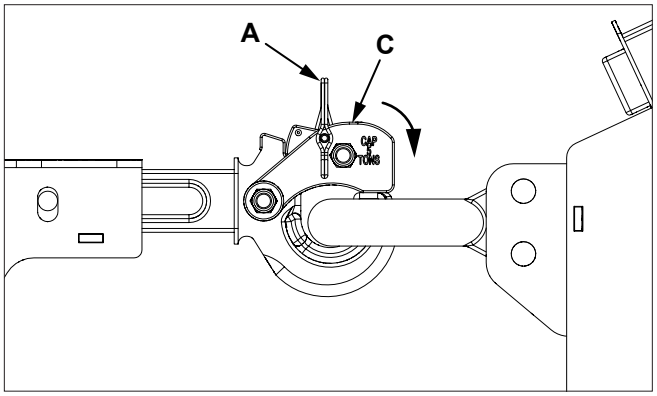
2. Press down on latch (B) and open pintle locking mechanism (C).



3. Position skid steer adapter so that pintle is aligned under ring (D).
4. Raise skid steer adapter until ring fully engages pintle.



5. Close pintle (C). Insert safety lock pin (A) through hole in locking mechanism.



4.4 Disconnect From Mini Dumper

1. Remove safety lock pin (A).
2. Press down on latch (B) and open pintle locking mechanism (C).
3. Lower skid steer adapter and back away from mini dumper.

4.5 Transporting

⚠ WARNING

Prevent serious injury or death.

Do not operate the dumper on roadways.

⚠ WARNING

Tip over hazard.

When loading onto a trailer, back onto trailer for better weight balance to avoid tip over.

1. Travel at a reasonable and safe speed.

4.6 Bucket Safety Lock Bar

⚠ WARNING

Prevent death or serious injury.

Raised unsupported dumper bucket could fall, resulting in death or serious injury.

Never enter the area under raised dumper bucket.

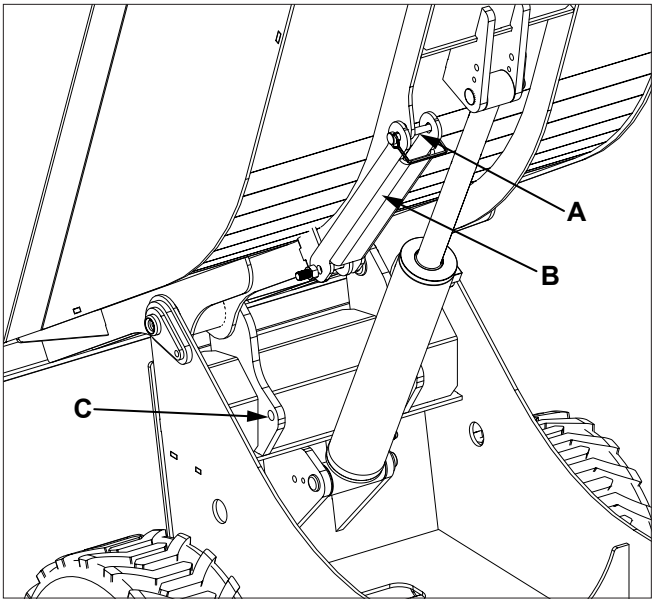
The bucket safety lock bar supplied as part of the machine is to be used only when the dumper bucket is empty. The purpose of the bucket safety lock bar is a back-up to the hydraulic system and will hold the empty dumper bucket in a raised position while performing maintenance on the dumper bucket or the other parts of the machine.

DO NOT use the bucket safety lock bar to support a loaded dumper bucket.

DO NOT enter the area under a raised dumper bucket without first supporting the empty dumper bucket up with the bucket safety lock bar.

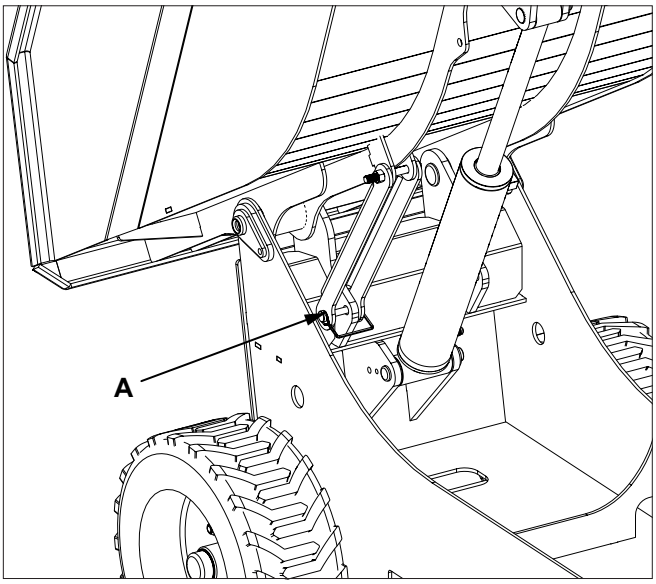
Engage Bucket Safety Lock Bar

1. Verify the area is clear of bystanders and obstructions, and fully raise dumper bucket.
2. Engage skid steer park brake, shut off engine and remove key.
3. Remove quick lock pin (A) and pivot safety lock bar (B) down until resting on frame (C).



Bucket Safety Lock Bar Disengaged

4. Install quick lock pin (A) through hole in lock bar and hole in frame as shown in bucket safety lock bar engaged illustration.



Bucket Safety Lock Bar Engaged

Disengage Bucket Safety Lock Bar

1. Verify the area is clear of bystanders and obstructions.
2. Slightly raise bucket to relieve tension on pin (A).
3. Shut off skid steer engine and remove key.
4. Remove quick lock pin (A), pivot bucket safety lock bar up and attach to bottom of bucket with quick lock pin (A) in upper hole as shown in bucket safety lock bar disengaged illustration.
5. Lower dumper bucket.

4.7 Operation

Slope Operation

Remove rocks, tree limbs, etc from the work area. Watch for holes, ruts, or bumps.

Do not make sudden changes in speed or direction.

Avoid starting or stopping on a slope. If the skid steer and dumper lose traction, slowly move straight down the slope. Avoid turning on slopes. If turning is necessary, turn slowly and keep the heavy end of the dumper uphill.

Do not operate near drop off or ditches.

When parking on a hillside or slope, lower dumper bucket and engage skid steer park brake.

General Operation

1. Disengage skid steer park brake.
2. Move dumper.
3. When operation is completed, lower dumper bucket.
4. Engage skid steer park brake.
5. Turn skid steer ignition to stop position and remove key.

⚠ WARNING

Crush hazard.

Operation on a slope can result in machine tip over.

5 SERVICE AND MAINTENANCE

ITEM	Initial 10 Hours	Daily Or 10 Hours	Every 20 Hours
Check lug nut tightness.	•		
Check hydraulic hoses.		•	
General inspection.		•	
Lubricate dumper bucket fittings at pivot points.			•

We design many of our products using industry-standard parts that are widely available from local supply stores.

Many replacement parts such as bearings, belts, seals, touch-up paint and cutting teeth can often be found through local suppliers, not just from Baumalight.



5.1 Safety

⚠ WARNING

Prevent death or serious injury.

1. **Park dumper on firm, level surface.**
2. **Engage skid steer park brake.**
3. **Verify all controls are in neutral.**
4. **Stop skid steer engine and remove key.**

⚠ WARNING

Prevent death or serious injury.

Raised dumper bucket can fall, resulting in death or serious injury.

Never enter the area under raised dumper bucket.

5.2 Daily Or Every 10 Hours

Check Hydraulic Hoses

1. Dumper must be parked on a level surface, skid steer park brake engaged, engine stopped and key removed.
2. Check hydraulic hoses for wear and damage before startup and every 10 hours. Replace worn or damaged hoses.

General Inspection

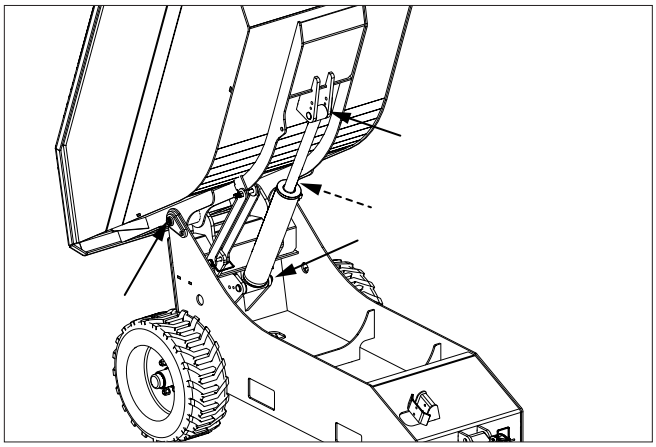
Lower dumper bucket, stop skid steer engine and remove key. Inspect dumper for damage and worn parts. Repair or replace parts as needed.

5.3 Every 20 Hours

Lubrication

Dumper must be parked on a level surface, Skid steer park brake engaged, dumper bucket fully lowered, skid steer engine stopped and key removed.

Pump grease into grease fittings on dumper bucket pins every 20 hours.



6 TROUBLESHOOTING

PROBLEM	CHECK	SOLUTION
Hydraulic fluid overheating.	Hydraulic fluid level low.	Add hydraulic fluid.
	Hydraulic cooler clogged	Clean cooler.
	Repeatedly exceeding hydraulic system limits causing hydraulic fluid to flow over relief valve.	Ease up operation, don't exceed limits of the machine.
Dumper bucket will not raise.	Hydraulic connections to skid steer.	Verify hydraulic hoses are coupled correctly.

7 STORAGE

7.1 Storing

1. Store dumper in a dry place.
2. Clean dumper thoroughly. Dirt will draw moisture and cause rust.
3. Check for loose or missing hardware.
4. Paint parts as necessary.

7.2 Remove From Storage

1. Review Operator's Manual.
2. If parts have been replaced, verify they operate properly.

8 WARRANTY

To view the warranty, scan the QR Code below, or go to Baumalight.com. From the Support drop down, click on Support, then select Dumper. Select Product Warranty.

For parts, specifications and the latest machine information please visit our website.

www.baumalight.com

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