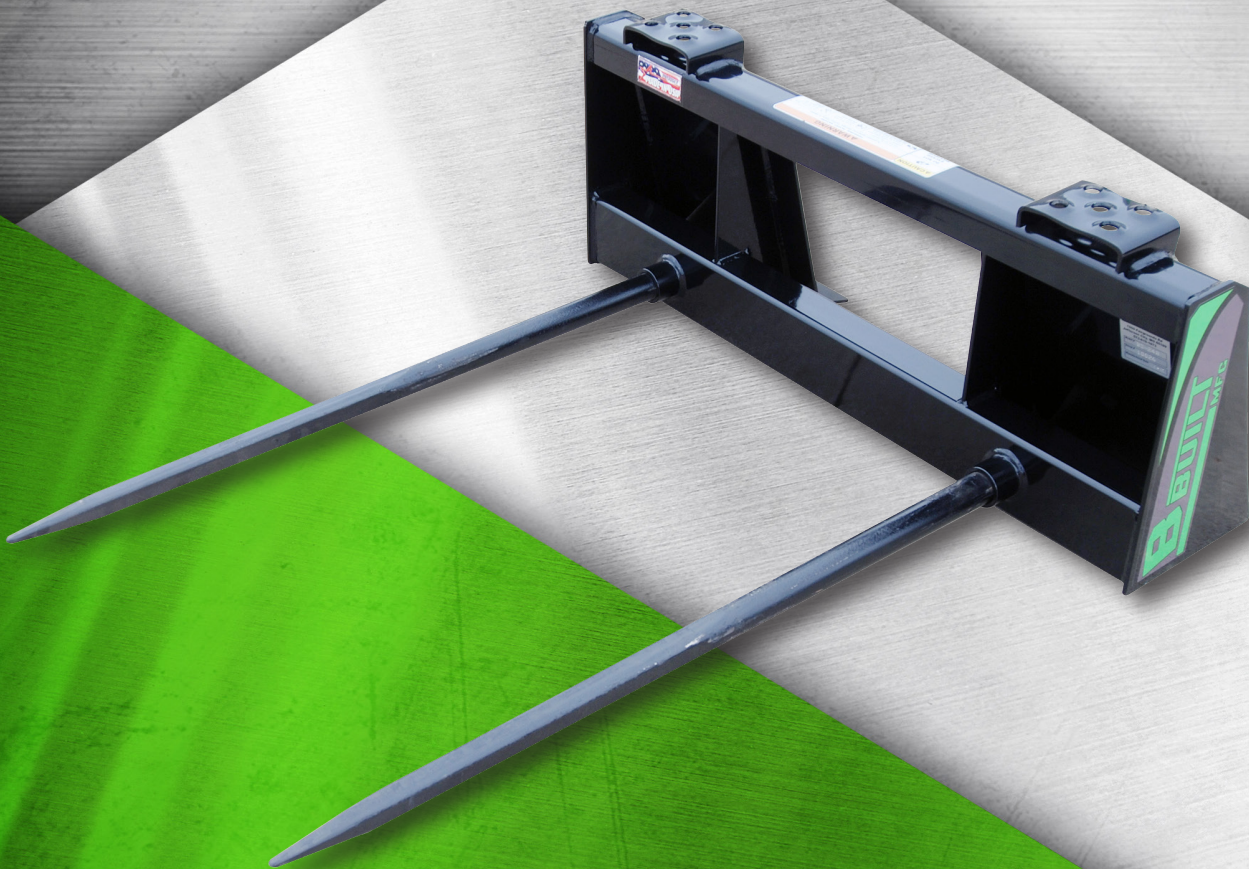




UNIVERSAL SKID STEER ATTACHMENTS

BALE SPIKE

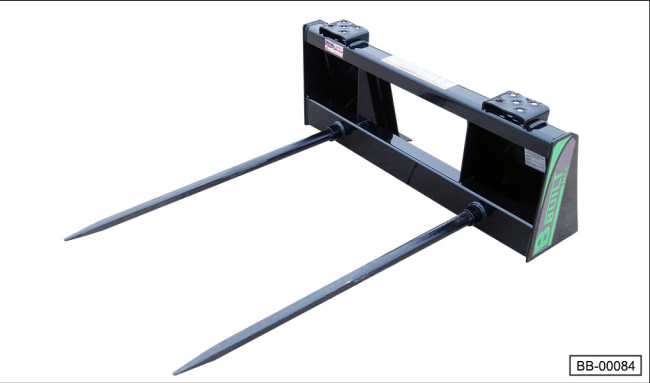


BALE SPIKE OWNER'S MANUAL


Read and Understand the manual. This manual provides information and procedures to safely operate and maintain the equipment.



General Information



⚠️ WARNING

 **Read And Understand Manual**
To prevent personal injury or even death, be sure you read and understand all of the instructions in this manual and other related OEM equipment manuals! The bale spike, if not used and maintained properly, can be dangerous to users unfamiliar with its operation. Do not allow operating, maintaining, adjusting, or cleaning of this bale spike until the user has read this manual and has developed a thorough understanding of the safety precautions and functions of the unit.

This bale spike is designed for the specific purpose of moving and stacking both round and square bales. DO NOT modify or use this bale spike for any application other than that for which it was designed. When this unit is no longer capable of performing its designed purpose, it should be dismantled and scrapped. Do not use any materials or components from this unit for any other purpose.

⚠️ WARNING

 **READ THE MANUAL**

Avoid serious injury or death
Read, understand, and follow all OEM skid steer machine operating instructions and work tool operating and safety instructions prior to use.



Download the appropriate App on your smart phone and scan this QR (Quick Reference) code to review the safety signs and operating instructions for this work tool.

BB-BS-0006

Welcome

Congratulations on your choice of a B-Built Manufacturing Bale Spike. By following these operating instructions, your B-Built Manufacturing Bale Spike will provide many years of trouble-free service.

Safe Operation

Safe, efficient, and trouble-free operation of this attachment requires that you, and anyone else who will be using or maintaining the unit, read and understand the information contained within the Owner’s Manual.

Intended Usage

The bale spike is intended for moving and stacking both round and square bales. Do not use this bale spike for any purpose other than its intended use.

Product Improvements

Because B-Built Manufacturing maintains an ongoing program of product improvement, we reserve the right to make improvements in design or changes in specifications without incurring any obligation to install them on units previously sold.

Unanswered Questions

If you have any questions not answered in this manual or require additional copies or the manual is damaged, please contact your dealer or:

B-Built Manufacturing
1550 Fairgrounds Road
Jefferson City, MO 65109
Phone: (573) 619-1973

Specifications


Overall Width	45-1/4”
Overall Length	54-1/2”
Overall Height	18-1/2”
Weight	205 lbs.
Spike Length	49”
Maximum Bale Weight	4000 lbs.
Shipping Weight	230 lbs.

Continuous Improvements

The information, specifications, and illustrations in this manual are based on the information that was available at the time this material was written and can change at any time without notice.

Safety Instructions

Safety Alert Symbol

 This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

Signal Words

Hazards are identified by the “Safety Alert Symbol” and a signal word such as “WARNING”, or “CAUTION”.

To prevent the possibility of personal injury or death, comply with all instructions that follow one of these signal words.

⚠️ WARNING

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


⚠️ CAUTION



Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.



Note: Contains additional information important to a procedure.

General Safety Instructions



⚠️ WARNING




 **Provide User with Literature**
B-Built Manufacturing Bale Spike owners must provide operator instructions to anyone using this attachment before use, and at least annually thereafter. Do not assemble, operate, or maintain the attachment until you read and understand the information contained in this manual and the loader’s OEM manual.

  **Stay Clear**
Clear the area of people, especially small children, before using this attachment. Under no circumstances should young children be allowed to work with or around the bale spike.

  **Crush Hazard**
The loader must be equipped with a Roll Over Protective Structure (ROPS) and a seat belt. A crushing hazard can occur if the operator is ejected from the seat while the skid steer is in motion. Fasten the seat belt whenever the skid steer is moving. Operate the skid steer from the operator’s seat only.

⚠️ WARNING (continued)

  **Impaired User Hazard**
Do not attempt to assemble, operate, or maintain this attachment under the influence of drugs or alcohol. Consult your doctor before using this attachment while taking prescription medications.

   **Crush Hazard**
Do not allow anyone to ride on the skid steer or the attachment. Falling or crushing hazards can result in severe injuries or death.

Do not use the pallet fork as a work platform. Do not stand or climb on the pallet fork.

⚠️ CAUTION

    **Personal Protection Equipment**
When using this attachment, wear appropriate personal protective equipment. This list may include, but is not limited to:

- Protective shoes with slip resistant soles
- Eye protection
- Protective clothing and gloves
- Hearing protection

Safety Signs and Instructional Labels

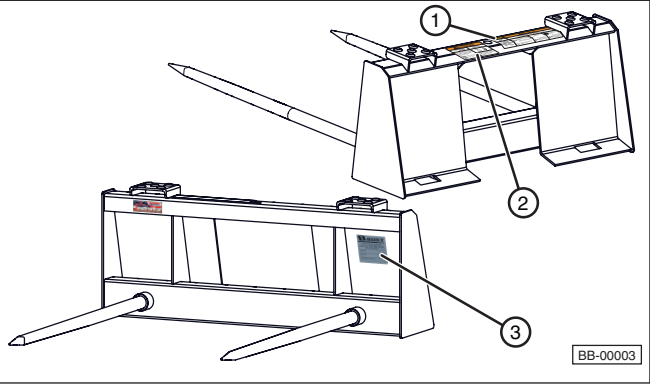
⚠️ WARNING

 **Damaged Safety Signs**
Pay close attention to the safety signs and instructional labels attached to the skid steer and to this attachment. If this attachment is missing a label or one is unreadable, replace the label before using the attachment.

Keep safety signs or instructional labels clean and legible at all times. Use a clean, damp cloth to clean safety decals.

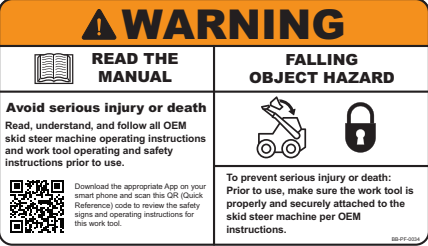
1. Use care when washing or cleaning the equipment not to remove or damage the labels.
2. Replacement parts must have replacement labels attached during installation and/or before the bale spike is used.
3. Labels are available from your authorized dealer or from B-Built Manufacturing at no charge.

Safety Sign Locations



Item	Type	Description	Qty.
1	CAUTION	Maximum Capacity	1
2	WARNING	Read the Manual	1
3	INSTRUCTIONAL	Serial No.	1
4	INSTRUCTIONAL	Made In the USA	1

2.



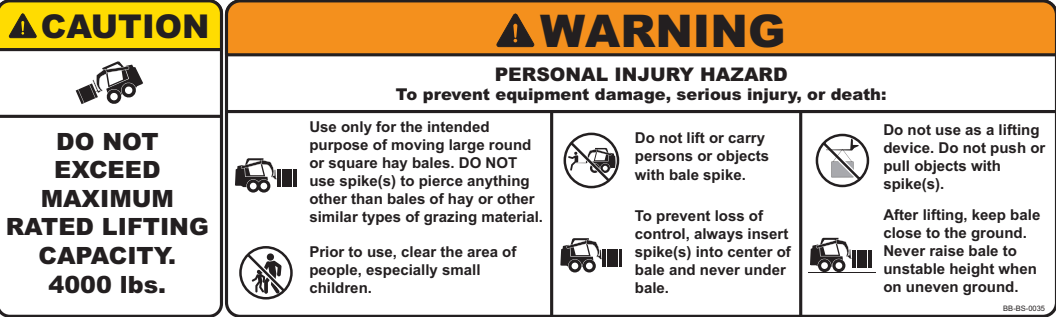
3.



4.

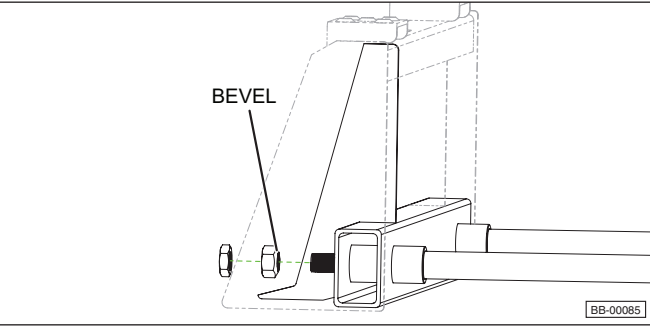


1.



Assembly

1. Insert the forged main spike(s) into the socket.
2. Using a 1-5/8" wrench, install the retaining nuts with the beveled end against the socket. Tighten to 350 ft.-lbs.
3. Install the hex jam nuts. Tighten the jam nuts securely.



4. Re-check the torque after 50 bales, and after every eight hours of use.

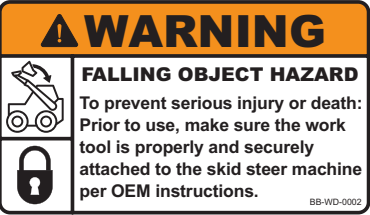
Attachment

This attachment is designed to be mounted on a universal quick-attach coupler.

Refer to the loader Operator's Manual for the attachment/detachment procedure specific to the machine being used. Follow the procedure given in the manual.



Crush Hazard
Always verify that the locking pins on the coupler are fully engaged down through the holes in the attachment plate before using the bale spike. The bale spike could fall off if it is not locked on the coupler and cause serious injury or death.



Loader Requirements and Capabilities

- Adequate Lift Capacity
- Universal Quick-Attach System

The required size of the loader used will be determined by the size and weight of the bales to be handled. Always use a loader large enough to safely handle the bales.

Operation

Operating Safety



Electrical Contact Hazard
Be aware of lift clearance and low electrical wires when loader is raised. Serious injury or death can result if contact is made.



Lifting Capacity

Use the following charts for reference only to estimate the weight of a round or square bale. Do not exceed the lifting capacity of the bale spike or the loader.

Round Bales		
Bale Width (ft.)	Bale Diameter (ft.)	Estimated bale Weight (lbs.)
4	4	563
4	5	880
4	6	1267
5	5	1100
5	6	1584

Square Bales			
Bale Height (ft.)	Bale Width (ft.)	Bale Length (ft.)	Estimated Bale Weight (lbs.)
3	3	8	807
3	4	8	1076
4	4	8	1435


Operating Guidelines

- 1. Read, understand, and follow all safety recommendations and operating instructions for the loader being used.
- 2. Angle the center spike so it is parallel to the ground and in the center of the bale.
- 3. Push the spike(s) fully into the bale. Partial penetration locates all the weight of the bale on the outer end and can damage the spike.
- 4. Tilt the end of the spike upward slightly when transporting bales to reduce the tendency for the bale to slide off the spike.
- 5. Once the bale is placed in the desired location and it is stable, tilt the spike slightly downward so the bale will easily slide off the spike.
- 6. In cold weather, a bale may be frozen to the ground. The force of breaking the bale free, may exceed the rated capacity of the bale spike causing damage. A bent spike is not covered under the warranty.
- 7. Watch overhead clearance for hazards or obstructions when lifting and placing bales.


⚠ WARNING

PERSONAL INJURY HAZARD


To prevent equipment damage, serious injury, or death:




Use only for the intended purpose of moving large round or square hay bales. DO NOT use spike(s) to pierce anything other than bales of hay or other similar types of grazing material.




Prior to use, clear the area of people, especially small children.




Do not lift or carry persons or objects with bale spike.



To prevent loss of control, always insert spike(s) into center of bale and never under bale.



Do not use as a lifting device. Do not push or pull objects with spike(s).



After lifting, keep bale close to the ground. Never raise bale to unstable height when on uneven ground.

BB-BS-0008

Transporting

SAFETY INSTRUCTIONS

- **Do not travel on public roads. Always use a trailer to transport the skid steer and this attachment from one site to another.**

Storage

Inspect the attachment for loose, damaged, or worn parts. Replace items as needed.

⚠ CAUTION

Personal Injury Hazard
Store this attachment in a clean, dry area away from human activity or livestock. If possible, select a location that does not permit access to the tip of the bale spike. To prevent the possibility of serious injury, do not permit children to play on or around the stored bale spike.

⚠ Always set the bale spike on the ground with the tip pointing downward for storage.

Maintenance

⚠ CAUTION

No Unauthorized Modifications
Do not modify this attachment or its safety devices. Do not weld on this attachment. Unauthorized modifications may impair its function and safe operation. Personal injury or death can result from unauthorized modifications.

If this attachment has been altered in any way from the original design, the manufacturer does not accept any liability for injury or warranty.

Damaged Parts Hazard
Do not use this attachment if any parts are damaged. If this attachment has a defect, immediately stop using it and remedy the problem before continuing.

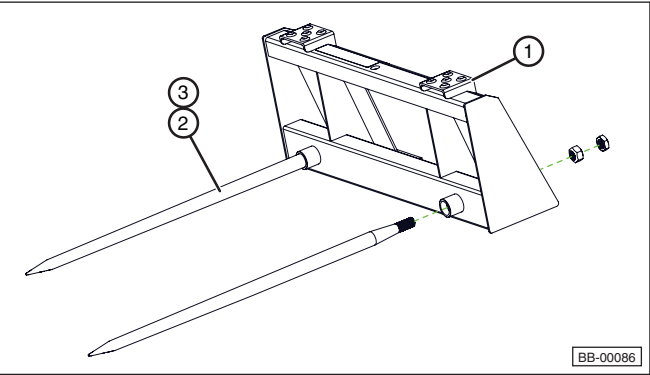
The primary cause of broken spikes is loose retaining nuts. With use, the spikes will seat-in to the tapered sockets, causing the nuts to loosen. Check the tightness of the nuts after the first 50 bales and every eight hours of use thereafter. Re-torque to 350 ft.-lbs.

SAFETY INSTRUCTIONS

- **After every eight hours of use, check the nuts that hold the spikes, and inspect the overall unit for damage.**
- **Replace unreadable or missing safety signs.**
- **Immediately replace worn or damaged parts with OEM certified parts. Do not use the attachment with damaged or missing parts.**

Parts

Replacement parts are available from your authorized Dealer Parts Department or from B-Built Manufacturing.



Item	Part Number	Description	Qty.
1	DBS-CF	Frame	1
2	DBS-1625	Bale Spike 1-5/8" Dia. (Early)*	2
3	DBS-1750	Bale Spike 1-3/4" Dia. (Late)*	2
4	DBS-DS	Decal Set (not shown)	1

*Replacement bale spikes include retaining nuts.

Warranty

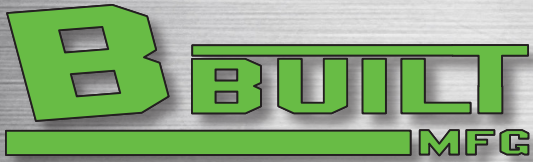
B-Built Manufacturing (the “Manufacturer”) warrants, only to the original Purchaser, this equipment will be free from defects in material and workmanship, under normal use and service, for one (1) year from the date of purchase providing this equipment is purchased for individual use only. Equipment in commercial use is warranted for six (6) months. This warranty does not apply to any equipment which has been damaged or which has been subjected to change, misuse, negligence, abnormal wear and tear, alterations, tampering, or failure to follow operating instructions. This warranty does not apply to any ground-engaging component, hydraulic hose, or cutting blade.

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 written approval by the manufacturer, the equipment or defective part must be returned to B-Built Manufacturing.

B-Built Manufacturing reserves the right to make improvements and changes in specifications without notice or obligation to modify previously sold units.

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.

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



UNIVERSAL SKID STEER ATTACHMENTS

**1550 FAIRGROUNDS ROAD
JEFFERSON CITY, MO 65109
(573) 619-1973**

**VIEW THE FULL LINE OF B-BUILT
EQUIPMENT ANY TIME AT:
WWW.BBUILTMFG.COM**

BALE SPIKE

Place Dealer Info Here



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