



BRUSH BANDIT

BUILT WITH QUALITY AND DESIGN FIRST

IMPLEMENT ATTACHMENT MODEL STUMP GUN OPERATING & PARTS MANUAL

ATTENTION:

Depending on what replacement parts you are ordering, we will need the following information:

STUMP GUN COMPONENTS

Serial Number

Model No: STUMP GUN

Serial No: _____

Delivery Date: _____

STUMP GUN

VERTICAL STUMP GRINDER



DEALER:

Name: _____

Address: _____

City/State: _____

Phone No: _____



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MANUFACTURED BY
BANDIT INDUSTRIES, INC.

6750 Millbrook Road
REMUS, MICHIGAN, USA 49340

PHONE: (800) 952-0178 IN USA
PHONE: (989) 561-2270 OR 561-2272
FAX: (989) 561-2273 ~ SALES DEPT.
FAX: (989) 561-2962 ~ PARTS/SERVICE
E-MAIL: www.banditchippers.com

IT IS VERY IMPORTANT THAT THIS FORM IS FILLED OUT COMPLETELY & ACCURATELY. IF WE CANNOT READ THE PURCHASER'S INFORMATION OR IT IS INCORRECT, OUR CUSTOMER LIST WILL NOT BE ACCURATE.

IMPORTANT - THIS FORM MUST BE RETURNED TO THE CUSTOMER DATA DEPARTMENT WITHIN TEN (10) DAYS IN ORDER TO VALIDATE WARRANTY

Customer Data Department
 6750 Millbrook Road
 Remus, MI, USA 49340
 Phone: (800) 952-0178 in USA
 Phone: (989) 561-2270
 Fax: (989) 561-2273
 E-mail: www.banditchippers.com

WARRANTY VALIDATION FORM
STUMP GUN (VERTICAL STUMP GRINDER)

PURCHASER / OWNER INFORMATION:

Company Name _____ Contact Name _____
 Mailing/Street Address _____ City _____
 State _____ Zip Code _____ Country _____ Telephone Number (____) _____
 E-mail _____ Machine Model No. _____ Date Put Into Service _____
 Machine Serial No. _____ Machine Work Order No. _____
 Machine Hours (approximate) _____ Machine Color _____

DEALER / SELLER INFORMATION:

Dealer/Seller Name _____ Contact Name _____
 Mailing/Street Address _____ City _____
 State _____ Zip Code _____ Country _____ Telephone Number (____) _____

1. _____ Customer has been instructed and understands operation and all safety aspects of operating the equipment.
2. _____ Customer has been instructed and understands that everyone needs to stay back 100 feet (30 m) in all directions of machine while in operation. Failure to do this could result in severe injury or death.
3. _____ Customer has been instructed and understands equipment maintenance schedules, procedures, and that it is their responsibility to perform maintenance (i.e. retightening all fasteners as needed, lubrication, etc.)
4. _____ Customer has been advised and understands not to reach near the cutter head with hands or feet or to be located near the debris field with engine running. The machine operators must always be located within easy reach of all control and shut down devices.
5. _____ Customer understands to not start grinding without checking for power lines, water lines, sewer lines, phone lines, etc. in the area above or below the ground level.
6. _____ Customer has been instructed and understands that all maintenance must be performed with the cutter head in a horizontal position with its stand setting on the ground, and the skid steer loader ignition key in the operator's possession. Allow all the time necessary for the cutter head to come to a complete stop before starting any maintenance or service procedures.
7. _____ Customer has been instructed and understands to Not enter or exit the operator's cab unless the cutter head has come to a complete stop, the cutter head is in a horizontal position with its stand setting on the ground, and the ignition key is in the operator's possession.
8. _____ Customer has reviewed and understands limited warranty, and all written and visual instructions.
9. _____ Customer has received, been advised, and understands the manuals, and the Safety/Service video supplied with the equipment. A video is supplied for equipment models as available.
10. _____ All Danger, Warning and Operational decals are properly displayed on equipment and fully understood by customer.
11. _____ Customer has been instructed, understands, and agrees that all potential operators must: See the supplied video, be instructed on all Danger, Warning, and Operational decals, read the manual and follow the procedures.
12. _____ Customer has been instructed and understands that it is their responsibility to have shatter proof safety glass and window and operator guards on the skid steer loader.
13. _____ Customer has been instructed and understands that it is their responsibility to follow all safety, maintenance and operation procedures in the skid steer operators manual, including how to attach and disconnect the Stump Gun.

I have inspected this equipment and find it in correct working condition. To the best of my knowledge, the customer and his/her personnel are aware of, and agree to the above procedures.




Signed: _____ **Date:** _____
 (Dealer Representative)

The equipment has been thoroughly checked by the above named dealer representative, and I am satisfied with his/her instructions. I have also read, understand, and agree to reverse side of page.

Signed: _____ **Date:** _____
 (Customer)

OPERATING INSTRUCTIONS BRUSH BANDIT STUMP GUN

SAFETY ALERT SYMBOLS AND NOTATIONS

Signal Word	Likelihood of Occurrence	Degree of Potential Injury or Damage
 DANGER	Will occur if warning is ignored	Severe
 WARNING	Can occur if warning is ignored	Severe
 CAUTION	Will or can occur if warning is ignored	Minor to Severe
NOTICE	Important, but not hazard related	Minor

THIS IS GENERAL INFORMATION REVIEW, UNDERSTAND AND FOLLOW DETAILED INFORMATION IN MANUALS AND DECALS AT ALL TIMES

DANGER

This machine is equipped with safety decals, guards and designs for your protection.

Don't ever take the machine for granted, always be cautious and careful when operating your equipment.

Read and follow all the instructions in your manual thoroughly. Your safety is dependent on your knowledge of how to operate and maintain this machine. You may obtain additional copies of this manual from your Bandit Dealer.

Before operating machine, you must have all potential operators; read and understand manuals and decals, watch the video and follow the recommendations.

Regardless of how hard a manufacturer tries to produce a safe machine, accidents still happen. Normally accidents are caused by people making mistakes. They do not read the manual, they ignore warning decals or do not use lockouts provided for their safety. This normally happens after the person has become accustomed to the machinery. In the initial start up and operation of the machinery, they are cautious, they are very careful because they do not understand the machine.

This equipment is intended for use by personnel who are experienced with similar equipment. Always operate safely. There must be at least two qualified and trained operators at the work site. They must be positioned in safe working locations, following safety procedures and instructions, and aware of each others whereabouts. There must be at least two people on site during maintenance and service procedures in case an accident should occur. Never operate any machine while under the influence of drugs or alcohol.

Keep children, bystanders and animals clear of working area. Never operate equipment that is in need of repair or adjustment.

WARNING

Follow all safety, maintenance, and operation procedures in the skid steer operator's manual, including how to attach and disconnect implement attachments.

DANGER

Operators must cordon off an area 100 feet from the grinding location to help reduce the risk of contact with flying debris. In close environments a debris barrier must be deployed to help restrict the spread of flying debris. Barriers must be of sufficient size and thickness to contain flying debris; it is the operator's responsibility to evaluate each grinding environment thoroughly to determine barrier needs.

DANGER

Do Not enter or exit the operator's cab unless: the cutter head has come to a complete stop, the cutter head is in a horizontal position with its stand setting on the ground, and the ignition key is in the operator's possession.

DANGER

Do Not operate the cutter head unless the skid steer has shatter proof safety glass, window guards, and operator guards installed.

DANGER

Do not go near or in-line with the debris field of the stump grinder while in operation. While grinding stumps, the chips and portions of the stump fly from the cutter wheel and can cause severe injury.

DANGER

Never grind materials that might contain wires, stones, nails, or other metal objects which may damage the teeth and become dangerous projectiles. Remove all rocks and stones from work area.

DANGER

Do Not start to grind a stump unless you are completely sure there are not any power lines, water lines, sewer lines, phone lines, etc. in the area above or below the ground level where you are working.

DANGER

Never go near cutter head or teeth while engine is running or cutter head is coasting to a stop.

DANGER

Avoid moving parts. Keep hands, feet, and clothing away from power driven parts. Keep all guards and shields in place and properly secured.

DANGER

Turn or loose clothing is more likely to get caught in moving machinery parts. Keep such items as long hair, shirt sleeves, and shirt tails properly contained. Avoid wearing necklaces, rings, watches, and especially neckties while operating this machinery. Make sure the machine is in excellent condition, and all the guards are in place, tight and secure.

Wear all personal protection equipment and follow all safety standards per ANSI and OSHA instructions. Examples of equipment: hard hat, face shield, safety glasses, gloves, ear protection, etc. Always keep a fully charged fire extinguisher with the machine while operating or servicing the machine.

WARNING

DO NOT operate this machine unless all hydraulic control devises operate properly. They must function, shift and position smoothly and accurately at all times. Faulty controls can cause personal injury!

DANGER

NEVER sit, stand, lay, climb or ride anywhere on this machine while it is running, operating, or in transit. You will be injured.

DANGER

Before attempting any type of maintenance allow cutter head to come to a complete stop, position cutter head in a horizontal position with its stand setting on the ground, disconnect battery to the skid steer, and make sure the ignition key to the skid steer is in your possession.

WARNING

It is very important after you have operated a new machine for approximately an hour to shut down the machine and recheck all nuts and bolts. It is normal for nuts and bolts to loosen once on a new piece of machinery. If you tighten them now, there is a good possibility they won't loosen again. Certain nuts and bolts should be checked periodically such as cutter teeth bolts, etc. for torque and fit.

Most of the nuts used on the Bandit Grinder are self locking. After a nut or bolt has been removed five times, it should be replaced to ensure proper tightness. This is especially critical on the cutter tooth bolts!

After the engine is started, let the grinder wheel turn at the lowest RPM's possible. Listen for any type of noise that is foreign. Any steel on steel noise is foreign. If you hear a noise, stop the engine, find the problem and fix it.

WARNING

It is very important after you have operated a new machine for approximately an hour to shut down the machine and recheck all hydraulic fittings. Retighten as needed.

DO NOT GO NEAR HYDRAULIC LEAKS! High pressure oil easily punctures skin causing serious injury, gangrene, or death. Avoid burns from fluid. Hot fluid under pressure can cause severe burns. DO NOT use fingers or skin to check for leaks. Lower load or relieve hydraulic pressure before loosening fittings. Relieve all pressure in the system before disconnecting the lines, hoses, or performing other work. Use a piece of cardboard to find leaks. Never use your bare hands. Allow system to cool down to ambient temperature before opening any coolant or hydraulic oil system.

In cold weather situations let your hydraulic system idle for approximately 15 minutes to allow the system to warm up to operating temperature.

DANGER

Before starting the machine, take a minute to check a few things. The grinder should be in an area restricted from people passing by. This area around the grinder must be free of all objects that can obstruct your movement when working with the grinder. The machine should be checked for loose tools or foreign objects, especially in the grinding area. All tools not in use should be secured in a tool box.

**TO BE RETURNED AFTER THIRTY (30)
DAYS OF OPERATION**

DATE PURCHASE: _____

MODEL: _____

SERIAL NUMBER: _____

DEALER NAME: _____

Please return to: Customer Data Department
6750 Millbrook Road
Remus, MI 49340

Phone: (800) 952-0178 in USA

Phone: (989) 561-2270

Fax: (989) 561-2273

E-mail: www.banditchippers.com

STUMP GRINDER / FORESTRY MOWER QUALITY REPORT

All of the employees that build your equipment strive to manufacturer the **very best quality** product on the market. We would appreciate your efforts in letting us know how we are doing.

We would like you to operate your machine for thirty (30) days and then fill out this questionnaire and mail it to us. This will help us to keep producing a good product and improving our products through your recommendations.

1. Did your machine perform to your expectations? _____
2. Was the machine delivered on schedule? _____
3. Was the paint color and finish to your satisfaction? _____
4. Was machine equipment as ordered? _____
5. Did all welds appear to be high quality? _____
6. Was the overall machine to your liking? _____
7. What problems have you experienced? _____
8. Have any components regularly loosened that caused problems? _____
9. Does the hydraulic system seem to have adequate power? _____
10. Is the machine manufactured to accommodate service in an adequate manner? If not, please explain:

11. General comments and/or suggestions: _____

12. Would you like to be contacted concerning more of our equipment? _____

YOUR COMPANY: _____

NAME: _____

ADDRESS: _____

CITY: _____

STATE & ZIP: _____

PHONE: (____) _____

E-MAIL: _____



Bandit
INDUSTRIES, INC.

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NOTICE

ANY PART, PORTION, DESIGN, NUMBER, SPECIFICATION, AND/OR DIMENSION IN THIS MANUAL IS SUBJECT TO CHANGE WITHOUT NOTICE BY THE MANUFACTURER.

INTRODUCTION

The purpose of this manual is to provide the user with specifications and procedures for the operation, maintenance and repair of this BANDIT product. As with any piece of equipment, safety should always be a constant thought while the machine is being operated, serviced or stored. In order to highlight this consideration, the material which addresses safety is preceded by the following signal words:

Signal Word	Likelihood of Occurrence	Degree of Potential Injury or Damage
 DANGER	Will occur if warning is ignored	Severe
 WARNING	Can occur if warning is ignored	Severe
 CAUTION	Will or can occur if warning is ignored	Minor to Severe
 NOTICE	Important, but not hazard related	Minor

The equipment is designed and manufactured in accordance with the latest product industry standards. This alone does not prevent injury. It is the operator's responsibility to use good judgement and follow the warnings and instructions as indicated in this manual, on the machine and follow all safety standards per ANSI and OSHA instructions.

WARNING

Improper use of the product can result in severe personal injury. Personnel using the equipment must be qualified, trained and familiar with the operating procedures as defined in this manual, prior to operating the product.

WARNING

It is the responsibility of the owner or employer to ensure that the operator is trained and practices safe operation while using and servicing the machine. It is also the owner's responsibility to provide and follow a regularly scheduled preventative maintenance and repair program on the product, using only factory approved replacement parts. Any unapproved repairs or modifications may not only damage the machine and its performance, but could result in severe personal injury. Unapproved repairs or modifications will void warranty and eliminate manufacturer of any liability claims. Consult the equipment manufacturer!!!

Each machine is shipped with a manual, a customer's check sheet on the product, and any available parts & service manuals on component parts not produced by this manufacturer. Additional copies of these manuals and check sheets can be purchased from the manufacturer, or through the dealer. Engine parts, service and maintenance manuals **MUST** be purchased through the engine manufacturer or their dealer.

NOTICE

The producer of this Bandit product reserves the right to make any modifications or revisions to the design or specifications of its machine without advance notice. The producer also reserves the right to change machine and part prices as needed without advance notice.

EXPLANATION OF LIMITED WARRANTY

The manufacturer will not reimburse the customer or dealer labor costs incurred for installing “bolt-on” or “slip-on” items, such as hydraulic pumps and motors, control valves, flow dividers, belts, sheaves, etc. The manufacturer will provide replacement parts to the customer for defective parts during the warranty period. **Defective parts must be returned to Bandit Industries, Inc.** The manufacturer will not reimburse the customer or dealer unless prior approval has been made for expedited shipping charges for defective parts during the warranty period. It will be the customer’s responsibility to install the replacement parts unless arrangements are made with the selling dealer.

The manufacturer will not reimburse travel costs to servicing dealer unless prior approval has been obtained from the manufacturer. It is the customer’s responsibility to deliver the machine to dealer’s service facility, unless other arrangements have been agreed to between selling dealer and customer.

The manufacturer may elect, at its discretion, to reimburse reasonable labor costs to customer or dealer for major defect repairs. Diagnostic labor and overtime labor will not be covered under warranty. Prior approval must be obtained from Bandit Industries, Inc.

There are several forms that must be completely filled out and returned to us in reference to our portion of warranty. Read and understand the Bandit Limited Warranty responsibilities. Some components on your machine are covered by their respective manufacturers and cannot be handled through Bandit Industries as stated in Warranty Section of this manual.

Use this manual to help you resolve what and where your problem is, in most cases you can fix it easily. If you still have problems, work through the dealer you purchased the machine through, or contact Bandit Industries direct if needed.

Make sure the following forms are used, for us as well as you, to keep track of service and pending warranty request. It is our company policy that all parts shipped out will be invoiced until the possible warranty parts are returned with a Warranty Claim Form completed for consideration.

Make sure the Warranty Validation Form is completed and sent in to us as soon as you receive the Bandit. This will activate our warranty responsibilities.

If Warranty Validation Form is not on file, all Warranty consideration is null and void.

NOTICE

Prior to delivery to final owner and during storage, this machine must be serviced and lubricated to avoid damage that will not be covered under warranty, see “Lubrication & Coolant” page.

Also, damage or premature failure of equipment components because of incorrect or incomplete service and maintenance by the equipment owner will not be covered under warranty.

All controls, safety devices, guards, and shields must be correctly operational and securely in place at all times during equipment operation.

BANDIT INDUSTRIES INC. LIMITED WARRANTY

(989) 561-2270

Bandit Industries Inc., also referred to as “Manufacturer” warrants this new product to be free of defects in workmanship and material for a period of 1 year.

This warranty takes effect upon delivery to the original retail purchaser. The manufacturer at its option will replace or repair at a point designated by the manufacturer, any parts which appear to have been defective in material or workmanship. The manufacturer is not responsible for labor, consequential damages, traveling or down time expenses.

This warranty and any possible liability of Bandit Industries Inc., is expressly in lieu of any other warranties, expressed or implied, including but not limited to, any implied warranty or merchantability of fitness for a particular purpose and of any noncontractual liabilities including product liabilities based upon negligence or strict liability. Bandit Industries Inc., will not be liable for consequential damages resulting from breach of warranty.

All parties involved agree that the Owner’s Sole and Exclusive Remedy against the Manufacturer, whether in contract or arising out of this warranty, instructions, representations, or defects shall only be for the replacement or repair of defective parts as provided herein. In no event or circumstances shall the Manufacturer’s liability exceed the purchase price of the machine. The buyer also agrees that no other remedy (including but not limited to consequential or incidental loss) shall be available to him or her.

It is absolutely necessary to return the Warranty Validation Form, completely and accurately filled out, and notify Bandit Industries Inc., in writing within ten (10) days from the date of purchase to validate this warranty. If Warranty Validation Form is not on file, all Warranty Consideration is NULL AND VOID.

This warranty will not apply if the Bandit product is not operated with replacement parts or equipment not manufactured or recommended by Bandit Industries, Inc.

This warranty will not apply if the Bandit product is not operated in a manner recommended by the manufacturer. The following examples would void the warranty:

1. The completed Warranty Validation Form is not on file.
2. The Bandit product has been abused, or not serviced properly.
3. Repairs or attempted repairs made without prior written authorization.
4. Repairs made due to normal wear are not warrantable.
5. The Bandit product was involved in, or damaged by an accident.
6. The Bandit product was damaged from any type of foreign material.

The owner is responsible for all scheduled maintenance as explained in the Operators Manuals. Negligence of proper maintenance or any other negligence, accident or fire; nor with failure to adjust, tighten, or replace wear items included but not limited to items such as teeth, teeth holders, belts, lubrication fluids, bearings, filters, hydraulic components, loose nuts or bolts, etc. may void warranty.

All components and parts being returned to Bandit Industries for warranty consideration must be complete and assembled when delivered. Hydraulic components and parts must be returned assembled with all fluid ports capped or plugged and free of foreign contamination, or warranty will not be considered.

BANDIT INDUSTRIES, INC. LIMITED WARRANTY (989) 561-2270

NOTICE This warranty applies only to new and unused equipment or parts thereof manufactured by Bandit Industries Inc. and is void if the machine is operated with replacement parts or equipment not manufactured or recommended by Bandit Industries Inc.

All other components are warranted by their respective manufacturers (i.e. hydraulic pumps, hydraulic motors, etc.) Any machines used for lease or rental purposes warranty is limited to 90 days from the first day of initial service.

In order to process any warranty claims, it is the owner's responsibility to report the claims promptly to the Manufacturer, or our authorized dealer from whom the equipment was purchased.

It is necessary to include the following information on any and all requests for warranty:

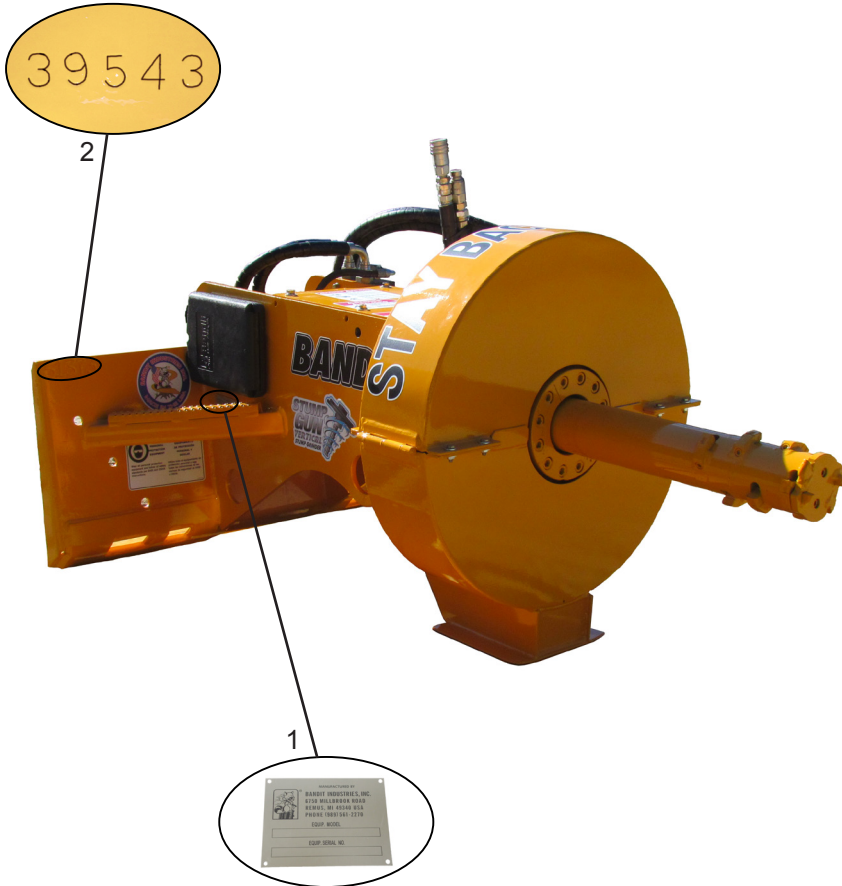
1. Warranty Claim Form, obtained from Bandit Industries or it's dealers, completely and accurately filled out.
2. Dealer from whom purchased.
3. Date of delivery.
4. Serial number of unit.
5. Model number of unit.
6. Length of time in use.
7. Date of Failure.
8. Nature of Failure.

Bandit Industries Inc., reserves the right to alter, improve, revise or modify any parts or products with the altered, improved, revised or modified parts or products. They also may change design, specifications, or part prices without advance notice.

Bandit Industries Inc., is NOT responsible for updating or upgrading completed machines with design changes that are made after it's production.

Bandit Industries Inc., expects the Customer/Owner to bring their machine to the Dealer/Manufacturer for Warranty Repairs. The Manufacturer DOES NOT pay Dealers or Customers for bringing their machine in for repair. Nor does the Manufacturer furnish loaner machines while the unit is being repaired.




TYPICAL SERIAL NUMBER AND/OR WORK ORDER NUMBER LOCATIONS



- 1. Serial Number
- 2. Work Order Number

SAFETY PROCEDURES

DANGER

The words  Danger,  Warning,  Caution, and Notice are used on the safety decals and throughout this manual, to make you aware of the safety procedures. These procedures are very important, read and obey them.

YOUR SAFETY IS VERY IMPORTANT TO US!

This machine is equipped with safety decals, guards and designs for your protection.

Don't ever take the machine for granted, always be cautious and careful when operating your equipment.

Read and follow all the instructions in your manual thoroughly. Your safety is dependent on your knowledge of how to operate and maintain this machine. You may obtain additional copies of this manual from your Bandit Dealer.

Before operating machine, you must have all potential operators; read and understand manuals and decals, watch the video and follow the recommendations.

Regardless of how hard a manufacturer tries to produce a safe machine, accidents still happen. Normally accidents are caused by people making mistakes. They do not read the manual, they ignore warning decals or do not use lockouts provided for their safety. This normally happens after the person has become accustomed to the machinery. In the initial start up and operation of the machinery, they are cautious, they are very careful because they do not understand the machine.

This equipment is intended for use by personnel who are experienced with similar equipment. Always operate safely. There must be at least two qualified and trained operators at the work site. They must be positioned in safe working locations, following safety procedures and instructions, and aware of each others whereabouts. There must, also, be at least two people on site during maintenance and service procedures in case an accident should occur. Never operate any machine while under the influence of drugs or alcohol.

Keep children, bystanders and animals clear of working area. Never operate equipment that is in need of repair or adjustment.

DANGER

Before starting the machine, take a minute to check a few things. The grinder should be in an area restricted from people passing by. This area around the grinder must be free of all objects that can obstruct your movement when working with the grinder. The machine should be checked for loose tools or foreign objects, especially in the grinding area. All tools not in use should be secured in a tool box.

DANGER

NEVER sit, stand, lay, climb or ride anywhere on this machine while it is running, operating, or in transit. You will be injured.

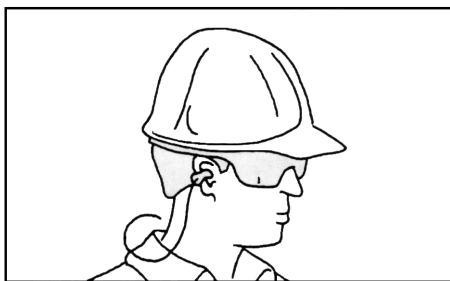
WARNING

Operators **must** at all times be located within easy reach of all control and shut-off devices when the unit is running. They must be attentive and prepared to activate the devices.

DANGER

Torn or loose clothing is more likely to get caught in moving machinery parts. Keep such items as long hair, shirt sleeves, and shirt tails properly contained. Avoid wearing necklaces, rings, watches, and especially neckties while operating this machinery. Make sure the machine is in excellent condition, and all the guards are in place, tight and secure.

Wear all personal protection equipment and follow all safety standards per ANSI and OSHA instructions. Examples of equipment: hard hat, face shield, safety glasses, gloves, ear protection, etc. Always keep a fully charged fire extinguisher with the machine while operating or servicing the machine.



WARNING



WEAR EYE & PERSONAL PROTECTION EQUIPMENT

Wear all personal protection equipment and follow all safety standards per ANSI and OSHA instructions.

SAFETY PROCEDURES

⚠️ WARNING

It is very important after you have operated a new machine for approximately an hour to shut down the machine and recheck all nuts and bolts. It is normal for nuts and bolts to loosen once on a new piece of machinery. If you tighten them now, there is a good possibility they won't loosen again. Certain nuts and bolts should be checked periodically such as cutter teeth bolts, etc. for torque and fit.

Most of the nuts used on the Bandit Grinder are self locking. After a nut or bolt has been removed five times, it should be replaced to ensure proper tightness. This is especially critical on the cutter tooth bolts!

After the engine is started, let the grinder tooth turn at the lowest RPM's possible. Listen for any type of noise that is foreign. Any steel on steel noise is foreign. If you hear a noise, stop the engine, find the problem and fix it.

⚠️ WARNING

It is very important after you have operated a new machine for approximately an hour to shut down the machine and recheck all hydraulic fittings. Retighten as needed.

DO NOT GO NEAR HYDRAULIC LEAKS! High pressure oil easily punctures skin causing serious injury, gangrene, or death. Avoid burns from fluid. Hot fluid under pressure can cause severe burns. **DO NOT** use fingers or skin to check for leaks. Lower load or relieve hydraulic pressure before loosening fittings. Relieve all pressure in the system before disconnecting the lines, hoses, or performing other work. Use a piece of cardboard to find leaks. Never use your bare hands. Allow system to cool down to ambient temperature before opening any coolant or hydraulic oil system.

In cold weather situations let your hydraulic system idle for approximately 15 minutes to allow the system to warm up to operating temperature.

⚠️ WARNING

DO NOT operate this machine unless all hydraulic control devices operate properly. They must function, shift and position smoothly and accurately at all times. Faulty controls can cause personal injury!

⚠️ DANGER

Keep the machine in good condition. Be sure the machine is in good operating condition and that all safety devices, including guards and shields are installed and functioning properly. Visually inspect the machine daily before starting the machine. Refer to the "Daily Start Up & Maintenance". Make no modifications to your equipment unless specifically recommended or requested by Bandit Industries Inc.

⚠️ WARNING

MAKE SURE TO LOCK THE COUPLERS BY TWISTING THE SLEEVE BY AT LEAST 1/4 OF A TURN AFTER CONNECTING. FAILURE TO DO THIS MAY RESULT IN DAMAGE TO HYDRAULIC COMPONENTS.

TO DISCONNECT, LINE UP THE SHOULDER GROOVE ON THE SLEEVE WITH THE DETENT BALL.



⚠️ DANGER

Do Not enter or exit the operator's cab unless: the cutter head has come to a complete stop, the cutter head is in a horizontal position with its stand setting on the ground, and the ignition key is in the operator's possession.

⚠️ DANGER

Before attempting any type of maintenance allow cutter head to come to a complete stop, position cutter head in a horizontal position with its stand setting on the ground, disconnect battery to the skid steer, and make sure the ignition key to the skid steer is in your possession.

⚠️ DANGER

Do Not operate the cutter head unless the skid steer has shatter proof safety glass, window guards, and operator guards installed.

⚠️ DANGER

Avoid moving parts. Keep hands, feet, and clothing away from power driven parts. Keep all guards and shields in place and properly secured.

⚠️ DANGER

Never grind materials that might contain wires, stones, nails, or other metal objects which may damage the teeth and become dangerous projectiles. Remove all rocks and stones from stump grinding area.

SAFETY PROCEDURES

DANGER

Do not go near or in-line with the debris field of the stump grinder while in operation. While grinding stumps, the chips and portions of the stump fly from the cutter head and can cause severe injury.

DANGER

Never go near cutter head or teeth while engine is running or cutter head is coasting to a stop.

DANGER

Do Not start to grind a stump unless you are completely sure there are not any power lines, water lines, sewer lines, phone lines, etc. in the area above or below the ground level where you are grinding.

WARNING

Sparks can occur if cutter teeth strike rocks, metal, or other hard objects.

DO NOT use in high or very high fire hazard severity zones.

Operation of this equipment may create sparks that can start fires around dry vegetation. A spark arrester may be required. The operator should contact local fire agencies for laws or regulations relating to fire prevention requirements.

WARNING

Follow all safety, maintenance, and operation procedures in the skid steer operator's manual, including how to attach and disconnect implement attachments.

WARNING

Check laws and regulations. Know and obey all federal, state, and local laws and regulations that apply to your work situation and the transportation of a machine this size.

DANGER

Operators must cordon off an area 100 feet from the grinding location to help reduce the risk of contact with flying debris. In close environments a debris barrier must be deployed to help restrict the spread of flying debris. Barriers must be of sufficient size and thickness to contain flying debris; it is the operator's responsibility to evaluate each grinding environment thoroughly to determine barrier needs.

WARNING

CLEAN MACHINE OF ALL DEBRIS! DO NOT leave this machine unattended until all potential fire debris is removed, no fire or smoldering exists, and hot spots are cold. The engine creates many hot spots including: exhaust manifold, exhaust, turbo (if equipped), etc. Remove all flammable debris such as wood, chips, leaves, oils, fuels, etc. from engine exhaust, engine turbo (if equipped), beside, around, and under engine, around and under tanks, inside belt shields and guards, inside battery and tool boxes, inside cabinets (if equipped), and anywhere materials collect. ALWAYS keep several type A:B:C fire extinguishers operational and on the job at all times.

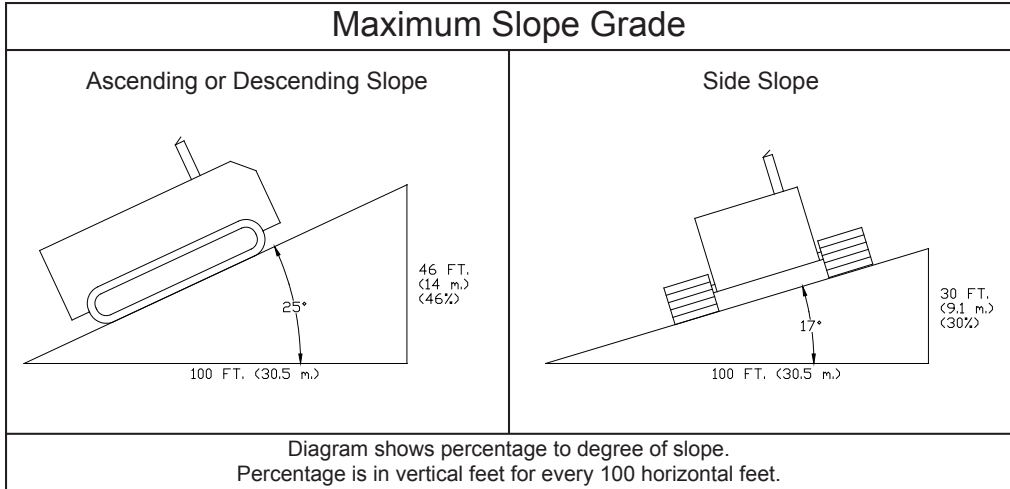
SAFETY PROCEDURES

IF MACHINE IS EQUIPPED WITH A SELF PROPELLED UNDERCARRIAGE

Machines equipped with undercarriage tracks are shipped with a manual from the track manufacturer. Refer to it for service, operation, and safety information.

⚠ WARNING

Do not attempt to operate the machine on an ascending or descending slope of more than 25° or 46% or a side slope of more than 17° or 30%, it is Dangerous and could be Fatal. This is the maximum slope grade the machine can be operated on if the hydraulic system, self propelled undercarriage, and engine are running at maximum performance and good traction is sustained.



⚠ WARNING

Any increase from the specified maximum operating angles may cause loss of lubrication function and damage the engine.

⚠ DANGER

The machine should never be parked on a slope at any time. The machine can coast or creep causing equipment and/or personal injury.

⚠ DANGER

Make sure everyone is clear of machine before moving the machine. Stay clear of undercarriage travel system when the machine is moving.

⚠ DANGER

DO NOT entangle feet or hands in undercarriage travel system.

⚠ DANGER

Use **EXTREME CAUTION** when traveling over non-level surface! This machine can tip over or tip backwards on non-level surface. You will cause engine damage, machine damage and possible personal injury!

⚠ DANGER

NEVER sit, stand, lay, climb or ride anywhere on this machine while it is running, operating, or in transit. You will be injured.

EQUIPMENT SPECIFICATIONS



Approximate Dimensions & Weights

(Dimensions & weights will vary depending on optional equipment)

Approx.
Weight: 1300 lbs. (590 kg)

(Approximate weights depending on engine and equipment options.)

Overall
Dimension: Height: 30" (.76 m), Length: 66" (1.68 m), Width: 46" (1.17 m)

Cutting Depth: 22" (.56 m)

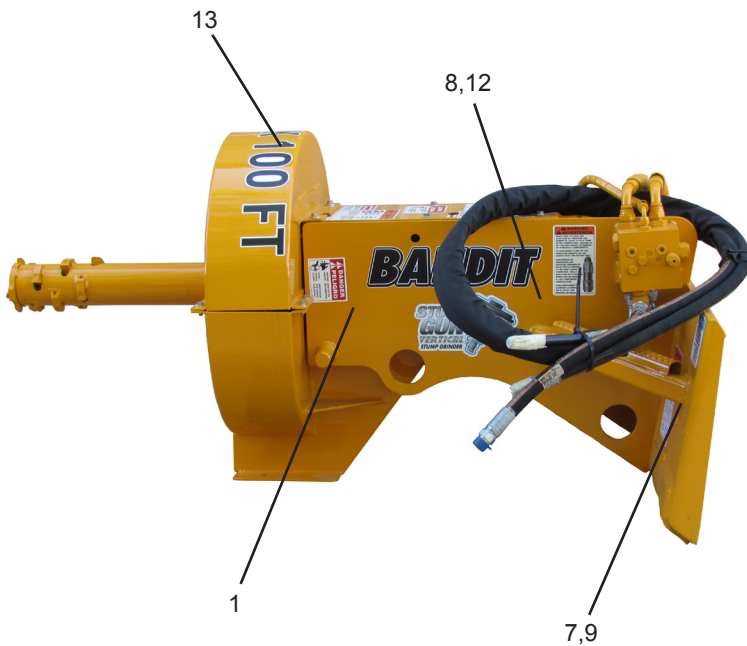
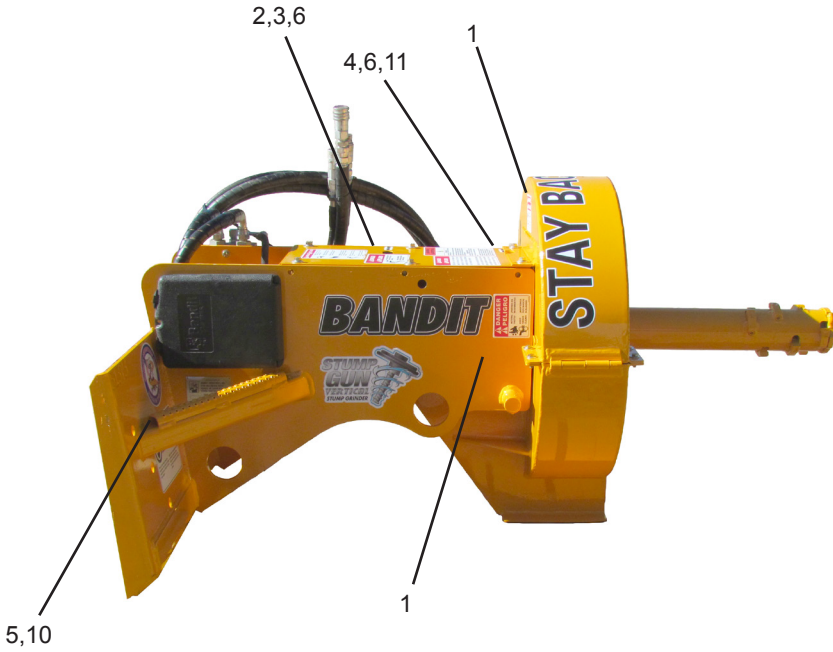
Number of Teeth
on Cutter Wheel: 9 teeth & the end cap

Cutter Shaft Diameter: 5 1/4" (.13 m)

(Approximate dimension depending on equipment options.)

DECAL LOCATIONS

Decal locations may vary, these are general locations.



DECAL LOCATIONS

Modifications and/or additions of decals to this list will happen.
Consult chipper dealer or manufacturer for most current decal package.

LOCATION	NUMBER	DESCRIPTION
1.	SPD-02	Moving Parts...
2.	SPD-20	Flying Objects Stand Clear...
3.	SPD-36	...Debris Field...
4.	SPD-60	Do Not Enter Or Exit Cab...
5.	ID-42	Bandit Industries Inc...USA
6.	INST-12	Grease Daily (Arrow)
7.	SPN-06	Decal Maintenance...
8.	N-60	Clean Quick Couplers..
9.	SPW-01	Do Not Go Near Oil Leaks...
10.	SPW-08	Wear Personal Protection...
11.	SPW-28	Fire Hazard Sparks Can Occur...
12.	SPW-35	...Lock The Couplers...
13.	--	STAY BACK 100 FT.
14.	900-8902-28	Safety & Logo Decal Kit for Stump Gun

NOTICE

Some decals are for optional equipment. Decal locations may vary, these are general locations. If any decals become damaged, replace immediately.

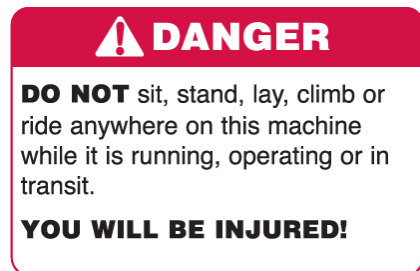
DECALS

Decals located on your Bandit equipment contain useful information to assist you in operating your equipment safely. Some of the decals on your machine and their location are shown in this section.

It is very important that all decals remain in place and in good condition on your machine. Please follow the care and instructions given below:

1. You should use soap and water to keep your decals clean. Never use mineral spirits or any other abrasive cleaners.
2. Replace immediately any missing or damaged decals. The location the decal is going to be applied to must be clean and dry, and at least 40°F (5°C) before applying decal.
3. When the need arises to replace a machine component with a decal attached, be sure and replace the decal.
4. Replacement decals are available, and can be purchased from the manufacturer or your Bandit Dealer.
5. Peel back about half of the backer paper on the decal. Position it on the flat, dry, clean surface so it is smooth and secure. Peel off the remainder of the backer paper as you continue to stick the decal on the surface.
6. Rub decal from the center outward to remove air bubbles and to secure contact.
7. Combination English / Spanish decals are typically standard. Other foreign language decals are available and may be purchased. Send translated decals required to Bandit Industries, Inc.

EXAMPLES:



ATTACHING & DETACHING

NOTICE

Different skid steer loaders have different attachment systems, consult the manufacturer's manual for specifics on attachment procedures. The skid steer must be able to meet the required amount of hydraulic oil (see HYDRAULIC SECTION). The Stump Gun attaches to the front of any skid steer that accepts a universal quick attachment plate. The quick attach locks secure the Stump Gun onto the front end of the skid steer. It is important that the Stump Gun is properly in place and locked. Failure to do this could result in the Stump Gun becoming detached from the skid steer, causing damage to the unit, skid steer, and potentially causing injury to the operator and others in the area.

The Stump Gun operates off the skid steer existing hydraulic system. Locate the hydraulic line couplers and attach the Stump Gun's hydraulic hoses. Follow proper safety procedures when coupling the hydraulic hoses. Failure to do this could result in serious injury or death to the operator.

The Stump Gun does not come with quick coupler attachments, and the operator should install quick coupler fittings appropriate for the skid steer. The quick coupler fittings can be purchased from Bandit Industries, Inc. if the required sizes are available. Refer to the skid steer manufacturer's manual for the proper procedures for attaching and detaching hydraulic hoses.

WARNING

Follow all safety, maintenance, and operation procedures in the skid steer operator's manual, including how to attach and disconnect implement attachments.

TO ATTACH THE STUMP GUN:

1. Travel the skid steer to the Stump Gun where it is in a horizontal position with its stand setting on the ground.
2. Position the attachment wedges into the locking hooks on the universal attachment plate.
3. Engage the quick attach locks.
4. Attach the hydraulic hoses to the skid steer. Consult the skid steer manufacturer's manual for the proper procedures.
5. Make sure to lock the couplers by twisting the sleeve at least 1/4 of a turn after connecting. Failure to do this may result in damage to the hydraulic components.
6. Keep the Stump Gun in a horizontal position while traveling to and from the work area.

TO DETACH THE STUMP GUN:

1. Lower the Stump Gun in a horizontal position and place its stand on the ground.
2. Do not exit the operator's cab unless: the cutter head has come to a complete stop, the cutter head is in a horizontal position with its stand setting on the ground, and the ignition key is in the operator's possession.
3. Line up the shoulder groove on the sleeve with the detent ball and disconnect the hydraulic hoses from the skid steer. Consult the skid steer manufacturer's manual for the proper procedures.
4. Disengage the quick attach locks.
5. Back the skid steer away from the Stump Gun.

WARNING

MAKE SURE TO LOCK THE COUPLERS BY TWISTING THE SLEEVE AT LEAST 1/4 OF A TURN AFTER CONNECTING. FAILURE TO DO THIS MAY RESULT IN DAMAGE TO HYDRAULIC COMPONENTS.

TO DISCONNECT, LINE UP THE SHOULDER GROOVE ON THE SLEEVE WITH THE DETENT BALL.



MACHINE OPERATION

- Check all fluids before starting the machine.
- Make sure to go through the daily start-up and maintenance procedures before operating the machine.
- Cutter head must be disengaged before starting.
- Start engine at idle speed and allow for sufficient time for oil to circulate before proceeding.
- Test all controls for proper operation.
- Avoid transversing slopes.

⚠ DANGER

DO NOT OPERATE AROUND WATER, GAS, POWER OR PHONE LINES. IF IN DOUBT, CHECK BEFORE GRINDING.

⚠ DANGER

WEAR ALL PERSONAL PROTECTIVE EQUIPMENT PER ANSI, OSHA AND MANUALS.

⚠ DANGER

KEEP CLEAR OF CUTTING HEAD, MOVING MACHINE PARTS AND GRINDER DEBRIS FIELD.

⚠ WARNING

FOLLOW ALL SAFETY, MAINTENANCE, AND OPERATION PROCEDURES IN THE SKID STEER OPERATOR'S MANUAL, INCLUDING HOW TO ATTACH AND DISCONNECT IMPLEMENT ATTACHMENTS.

⚠ DANGER

OPERATORS MUST CORDON OFF AN AREA 100 FEET FROM THE GRINDING LOCATION TO HELP REDUCE THE RISK OF CONTACT WITH FLYING DEBRIS. IN CLOSE ENVIRONMENTS A DEBRIS BARRIER MUST BE DEPLOYED TO HELP RESTRICT THE SPREAD OF FLYING DEBRIS. BARRIERS MUST BE OF SUFFICIENT SIZE AND THICKNESS TO CONTAIN FLYING DEBRIS; IT IS THE OPERATOR'S RESPONSIBILITY TO EVALUATE EACH GRINDING ENVIRONMENT THOROUGHLY TO DETERMINE BARRIER NEEDS.

⚠ DANGER

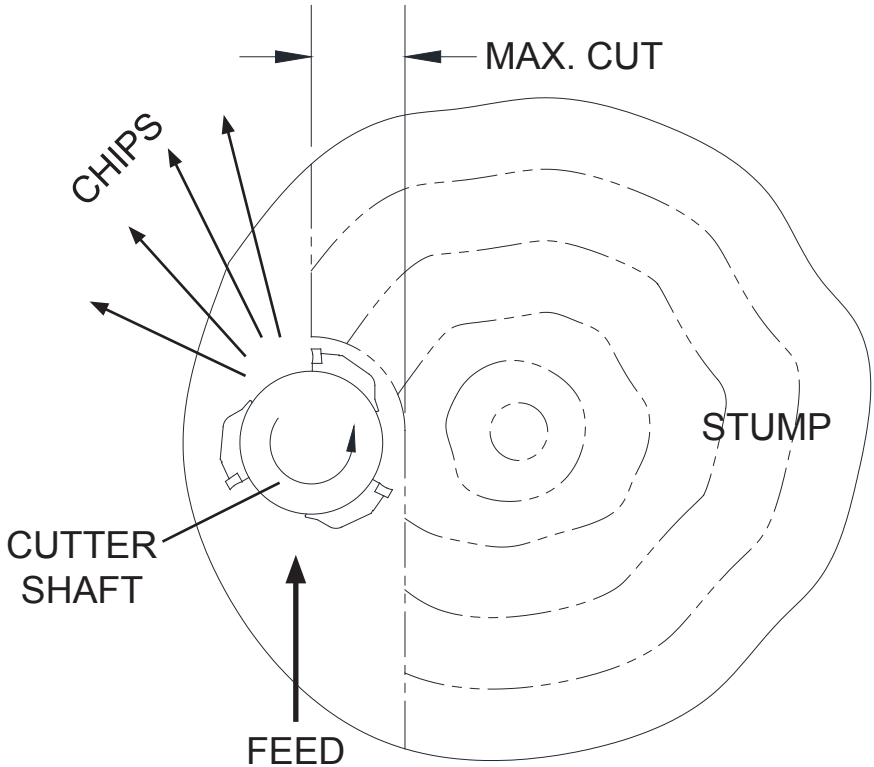
DO NOT ENTER OR EXIT THE OPERATOR'S CAB UNLESS: THE CUTTER HEAD HAS COME TO A COMPLETE STOP, THE CUTTER HEAD IS IN A HORIZONTAL POSITION WITH ITS STAND SETTING ON THE GROUND, AND THE IGNITION KEY IS IN THE OPERATOR'S POSSESSION.

1. Travel the skid steer to the stump with the Stump Gun in a horizontal position.
2. Position the Stump Gun a slight distance away from stump.
3. Raise the Stump Gun into a position where the cutting shaft is perpendicular to the ground.
4. Engage the hydraulics to operate the Stump Gun. Refer to the skid steer's operator manual on how to engage the hydraulics and at what RPM to operate the attachment.
5. Raise cutter wheel clear of stump.
6. Test the controls for proper operation, speed, and unobstructed movement.
7. Small enough cuts should be made so the shaft of the Stump Gun maintains steady pressure against the stump. If jumping or shuddering occurs, the operator should make smaller or lighter cuts against the stump. Depending on the stump, cuts up to six inches can be made.
8. Stumps should be cut from the left to the right in a front-to-back motion. Operators should take special care while grinding below ground level. Smooth, effortless cutting lengthens machine life, minimizes down time and is more profitable in the long run.
9. Lower the spinning cutter head to the stump and make a few light passes at the stump to get a feel for the cutting action.
10. Continue cutting stump by adjusting cutting head progressively lower until stump is cut well below ground level and has been removed.
11. When the operator has removed the stump, disengage the hydraulics, raise the cutter head, and return the Stump Gun to the position parallel to the ground before moving the skid steer.

CUTTING AREA

⚠ DANGER

For optimum performance, the stump should be cut with the portion of the cutter head shown below. **NEVER UNDERCUT THE STUMP.** Undercutting the stump may cause severe kickback, vibration and component damage.



OPERATOR



MAINTENANCE SECTION

The Bandit is a very simple machine to maintain. If you will follow a regular scheduled preventative maintenance program, you should have years of trouble free operation.

DANGER

Before attempting any type of maintenance allow cutter head to come to a complete stop, position cutter head in a horizontal position with its stand setting on the ground, disconnect battery to the skid steer, and make sure the ignition key to the skid steer is in your possession.

DANGER

Do not let anyone operate or maintain this machine until they have thoroughly read this manual, reviewed the equipment decals, watched the equipment video, and has been properly trained. You can purchase additional Bandit manuals, decals and videos for a nominal fee.

DAILY START UP & MAINTENANCE

1. Check the safety decals:

Replace any missing or damaged decals.

2. Check all safety equipment:

Check for proper operation. Repair or replace as needed.

3. Check entire machine for loose bolts, nuts, parts, or components:

Check entire machine for any loose parts or components. Check for loose nuts or bolts. Torque, tighten, or replace any of the loose components. See page 19 for specific bolt torques.

4. Check all guards:

Check to make sure all guards are in place and installed correctly. Make sure they are secure.

5. Check the cutter head and pockets for wear:

Check for elongated bolt holes, secure welds, torqued bolts, excessive wear, and impact cracks. If a problem is found, contact the manufacturer or an authorized Bandit dealer.

6. Check condition of cutter teeth, pockets, and hardware:

Replace your cutter teeth as needed. Check the condition of your teeth, pockets, and hardware. Replace if necessary.

7. Check cutter tooth bolts:

All cutter tooth bolts, must be factory approved. Bolts must be replaced after a maximum of 4-5 rotations/changes to ensure safe clamping ability.

See Torque Chart for proper torque.

8. Grease drive shaft bearings every 4 hours:

Grease drive shaft bearings with 1 to 2 shots of EP-2 Lithium type grease daily and every 4 hours of operation. Wipe off excess grease. **Excessive grease will attract dirt.**

9. Check for any fluid leaks:

Inspect for any oil, fuel, hydraulic oil, or engine coolant leaks. Check all hoses, fittings, lines, and tanks. DO NOT use fingers or skin to check for hydraulic leaks. Repair or replace any damaged or leaking components.

10. Check around machine:

Check around the entire machine for tools, cans, saws, etc. All tools not in use should be stored in a tool box.

11. Review all safety procedures on decals, from manual, and from video.

12. Make sure all safety equipment is being worn:

Make sure you are wearing all of your safety equipment: hard hat, face shield, gloves, eye protection, ear protection, etc. per ANSI and OSHA standards.

13. Make sure skid steer has all safety guards and glass:

Make sure the skid steer has all the shatter proof safety glass, window guards, and operator guards in place. Repair or replace as needed.

14. Follow all daily start up and maintenance procedures for the skid steer.

Make sure follow all the daily start up and maintenance procedures for the skid steer, refer to the manufacturer's manual.

15. Remember to check EVERYTHING on the checklist.

DAILY START UP & MAINTENANCE CHECK LIST

Each day before starting your machine these checks must be made:

- | | | |
|---|--------------------------|--------------------------|
| | OK | Repaired |
| 1. Check the safety decals, replace if damaged. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Check, maintain, and service all safety equipment for proper operation. | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Check entire machine for loose nuts, bolts, and components. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Check all guards to make sure they are tight and securely in place. | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Check the condition of the cutter head and teeth pockets. | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Check the condition of the cutter teeth, pockets, and hardware. | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Properly torque cutter tooth bolts. | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Grease drive shaft bearings with 1 to 2 shots every 4 hours. | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Check all hoses, fittings, lines, and tanks for damage and fluid leaks. | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Check around the entire machine for any foreign objects, tools, cans, saws, etc. | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Review all safety procedures on decals, from manual, and from video. | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Wear all applicable safety equipment: hard hat, face shield, gloves, eye protection, ear protection, etc. | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Make sure skid steer has all safety guards and glass. | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Follow all daily start up and maintenance procedures for the skid steer. | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. Remember to check EVERYTHING on the checklist. | <input type="checkbox"/> | <input type="checkbox"/> |

BOLT TORQUE CHART

(THESE TORQUES ARE BASED ON DRY, CLEAN THREADS)

DESCRIPTION	BOLT SIZE	TORQUE (FT.-LBS.)	TORQUE(Nm)
Cutter Head Tooth Bolt	3/8"-16 NC	40	54
Cutter Head End Cap Bolt	3/8"-16 NC	40	54
Flywheel Bolt	3/4"-10 NC	370	501
Cutter Shaft Hub Bolt	3/4"-10 NC	370	501
Cutter Shaft Draw Ring Bolt	5/8"-11 NC	200	271
Drive Shaft Bearing Bolt	3/4"-10 NC	370	501
Drive Shaft Bearing Set Screw (Loc-Tite 271 -Red)	1/2"-13 NC	52	70
Lock Collar Set Screw (Loc-Tite 242 -Blue)	3/8"-24 NF	54	73
Drive Shaft Coupling Bolt (Loc-Tite 242 -Blue)	16mm x 2	218	296
Drive Shaft Coupling Bushing Bolt (Loc-Tite 242 -Blue)	7/16"-14 NC	23	31
Drive Shaft Draw Ring Bolt	5/8"-11 NC	200	271

Before tightening bolts be sure you have the correct size bolt for the correct amount of torque.
Use only factory approved knives and hardware.

 **WARNING**

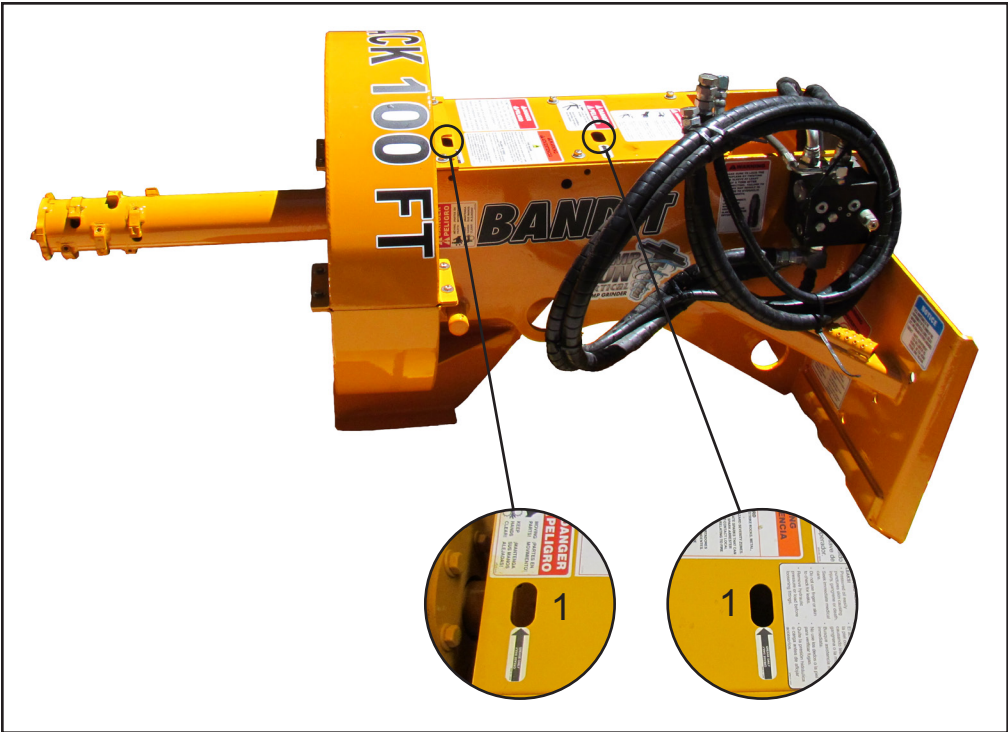


WEAR EYE & PERSONAL PROTECTION EQUIPMENT

Wear all personal protection equipment and follow all safety standards per ANSI and OSHA instructions.

LUBRICATION CHART

#	DESCRIPTION	CHECK			PROCEDURE
		DAY	WEEK	MONTH	
1	Drive Shaft Bearings	4 Hours			1 to 2 shots of grease - wipe off excess



NOTICE Use as a reference only, locations may vary depending on options or component manufacturer. Lubrication point instructions are described on the machine, in the Lubrication & Coolant Section and Maintenance Section of this manual, or component manufacturer's manual.

PAINT CARE

To help keep up the appearance of your Bandit equipment and reduce the possibility of surface rust follow these steps:

1. The machine should be washed on a regular basis with a non-abrasive mild detergent and then rinsed thoroughly. Do not pressure wash sensitive areas like: decals, gauges, electronic devices, autofeed control, etc.
2. If a stone chip, paint scratch, or paint crack occurs - it should be repaired immediately. Simply sand the edges of the damaged paint area, mask off the surrounding area, and apply primer and paint to the dry, clean, and warm area. This will keep the damaged area from spreading or getting worse.
3. If you are unable to sand and mask the area, there are containers of primer and paint available. A small brush can be used to touch up the area.
4. Also, primer and most colors of paint are available in aerosol spray cans to simply spray over the effected area after it is cleaned, dry, and warmed. This method is not as reliable as the process in step #2.

It is also reported that some equipment owners polish their machine at least yearly, and keep good mud flaps on their towing trucks.

HYDRAULIC SECTION

NOTICE

For hydraulic trouble shooting refer to the skid steer manufacturer’s manual.

⚠ WARNING

It is very important after you have operated a new machine for approximately an hour to shut down the machine and recheck all hydraulic fittings. Retighten as needed.

DO NOT GO NEAR HYDRAULIC LEAKS! High pressure oil easily punctures skin causing serious injury, gangrene, or death. Avoid burns from fluid. Hot fluid under pressure can cause severe burns. **DO NOT** use fingers or skin to check for leaks. Lower load or relieve hydraulic pressure before loosening fittings. Relieve all pressure in the system before disconnecting the lines, hoses, or performing other work. Use a piece of cardboard to find leaks. Never use your bare hands. Allow system to cool down to ambient temperature before opening any coolant or hydraulic oil system.

In cold weather situations let your hydraulic system idle for approximately 15 minutes to allow the system to warm up to operating temperature.


⚠ WARNING

DO NOT operate this machine unless all hydraulic control devices operate properly. They must function, shift and position smoothly and accurately at all times. Faulty controls can cause personal injury!

TYPICAL HYDRAULIC FLOWS AND RPM SETTINGS (Approximate, For Reference Only, Engine At Full RPM)

Equipment Model	Stump Gun
Minimum Needed GPM (LPM)	17 (64)
Maximum GPM (LPM)	37 (140)
Cutter Head RPM	1800 - 2500

⚠ WARNING



DO NOT GO NEAR LEAKS!

- Pressured oil easily punctures skin causing injury, gangrene or death.
- Seek immediate medical care.
- Do not use finger or skin to check for leaks.
- Remove hydraulic pressure or load before loosening fittings.

The Stump Gun has three hydraulic hoses on the valve block: one for power, one for return back to tank, and one for a case drain.

NOTICE

These typical hydraulic flows and settings are with the engine at full RPM. All settings are subject to change!

NOTICE

DO NOT UNDER ANY CIRCUMSTANCES OVER-SET THESE RELIEF PRESSURES, BECAUSE IT WILL CAUSE DAMAGE TO COMPONENT PARTS AS WELL AS HYDRAULIC PARTS.

⚠ CAUTION

After the initial start-up of the machine and after any replacement of hydraulic components, that fittings and hoses should be re-checked for leaks and clearances.

NOTICE

When returning hydraulic components for warranty make sure to box up all warranted parts to avoid additional damage while shipping. **Do not disassemble any hydraulic components which are to be warranted.** Anything which has been disassembled or tampered with will not be warranted. Items being returned must be clean. All hydraulic components must have all hosing ports plugged. Failure to plug ports will allow debris to enter components which will void warranty.

CUTTER HEAD SECTION

DO NOT OPERATE ATTACHMENT WITHOUT A FULL SET OF TEETH AND THE END CAP. OPERATING MACHINE WITHOUT A FULL SET OF TEETH CAN CAUSE EXCESSIVE VIBRATION AND PREMATURE BEARING FAILURE.

Replacement teeth must be carbide tipped and of like design as provided with the machine. Use only original equipment manufacturer's teeth. The use of any other aftermarket teeth may cause damage or premature failure.

There are nine (9) teeth and one (1) end cap to complete set on a Stump Gun.

Typically a 5/16" allen key socket is required to change or torque the teeth and end cap. Torque bolts to 40 ft.-lbs. (54 Nm).

Inspect pockets, teeth and bolts for damage and replace as required. **Do Not operate machine with extremely worn or broken teeth.**

NEVER USE HAND ON CUTTER SHAFT TO HOLD IN PLACE WHILE CHANGING TEETH.

⚠ DANGER

Before attempting any type of maintenance allow cutter head to come to a complete stop, position cutter head in a horizontal position with its stand setting on the ground, disconnect battery to the skid steer, and make sure the ignition key to the skid steer is in your possession.



MODEL: STUMP GUN

Cutter Tooth:	900-9914-64
Cutter Tooth Bolt:	900-4917-97
Cutter Tooth Nut:	900-4900-62
End Cap With Teeth:	900-9914-65
End Cap Bolt:	900-4910-55

REPLACEMENT PARTS SECTION

Depending on what replacement parts you are ordering the following information will be needed:

STUMP GUN COMPONENTS

Serial Number

Model Number

NOTICE

When ordering any replacement parts you should have the serial number (S/N) and model of the machine to ensure that you receive the correct replacement part. See page 6 for typical serial number & work order number locations.

NOTICE

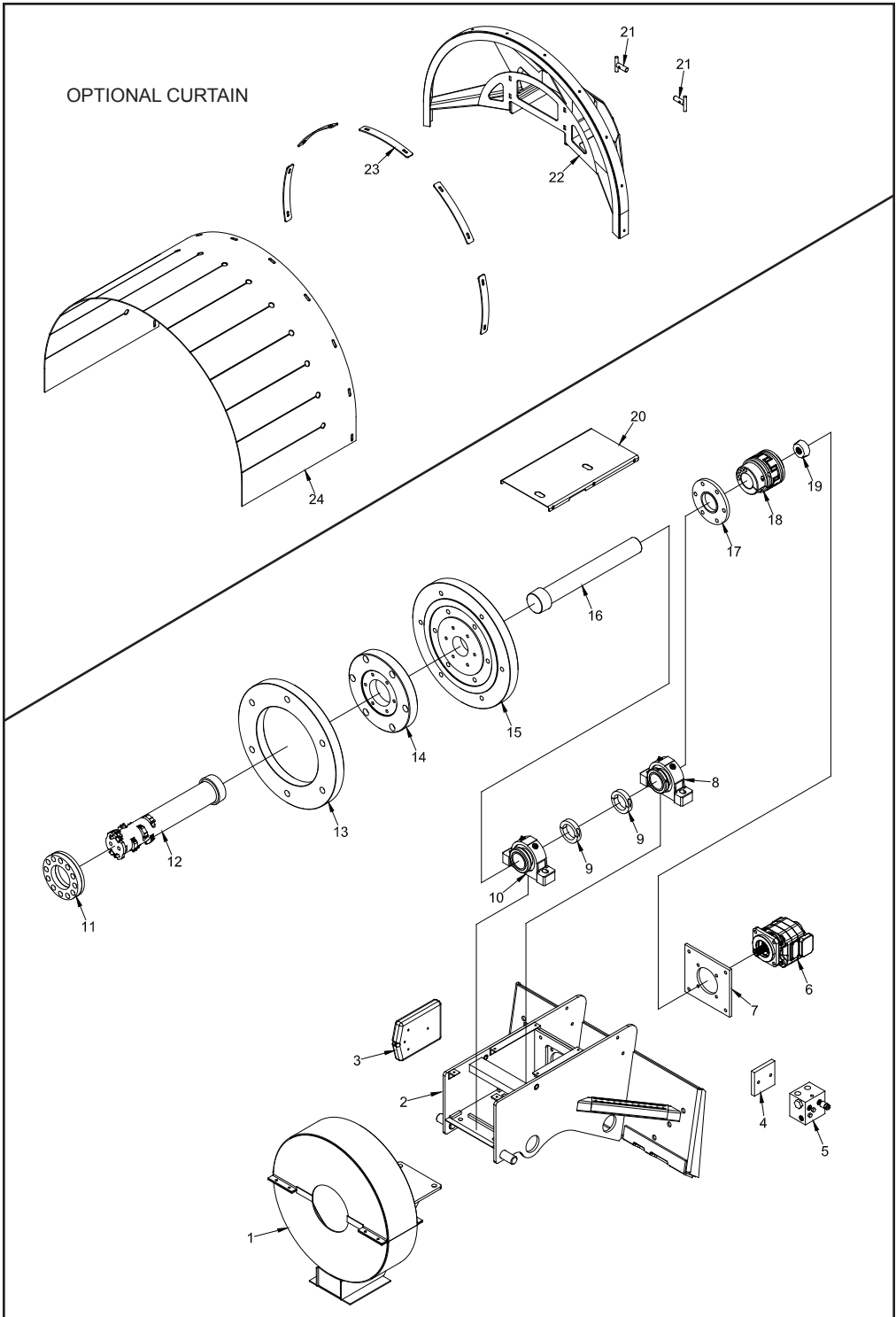
All nuts, bolts, washers, and many other components can be ordered by physical description.

NOTICE

Some of the components shown in this section are for optional equipment and may not apply to every machine.

NOTICE

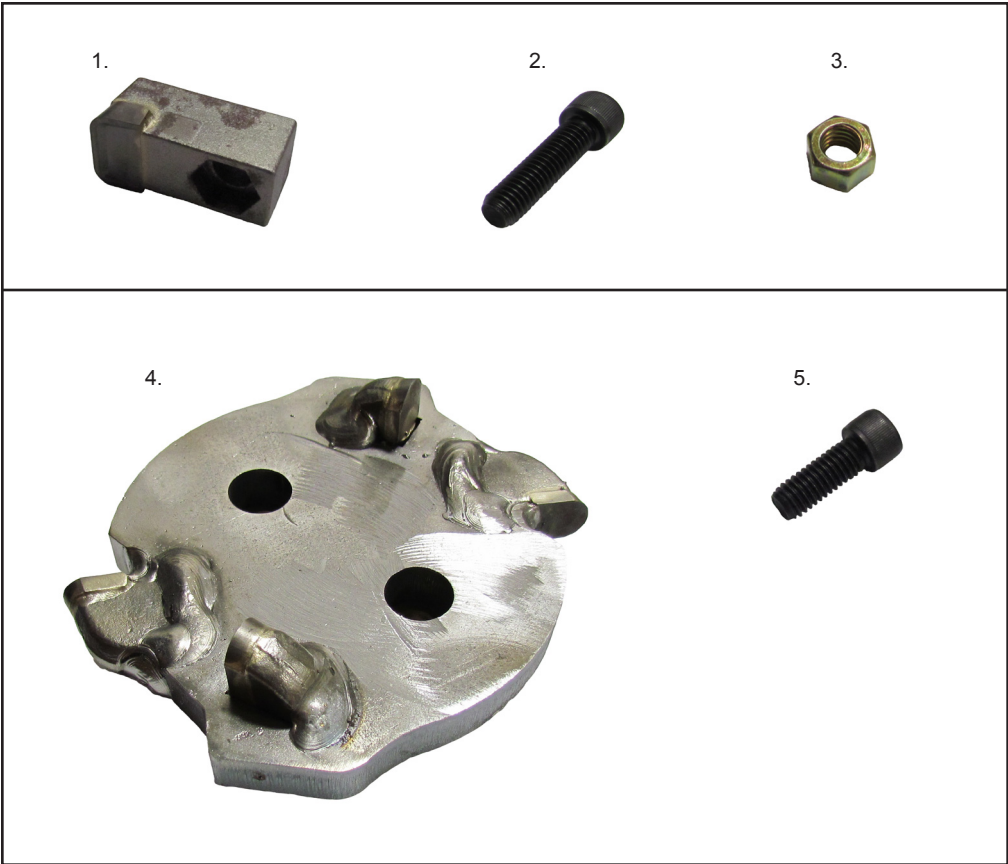
Bandit Industries Inc. reserves the right to make changes in models, size, design, installations and applications on any part without notification.



NOTICE Parts may not be exactly as shown.

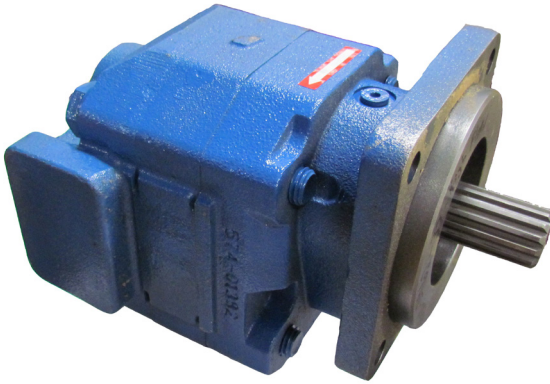
LOCATION	PART NUMBER	DESCRIPTION
1.	401-2000-36	Flywheel Guard & Mount
2.	401-1000-00	Body Assembly
3.	900-9910-28	Manual Holder
4.	401-3000-34	Spacer for Valve Block
5.	900-3962-41	Valve Block
6 a.	900-3966-90	Hydraulic Motor - High Flow
b.	900-3966-91	Hydraulic Motor - Standard Flow
7.	401-3000-09	Mount Plate for Hydraulic Motor
8 a.	900-1919-85	Cutter Shaft Bearing - Set Screw Style
b.	900-4904-64	3/4"-10NC x 4" SHCS (Not Shown)
c.	900-4900-94	3/4" USS Flat Washer (Not Shown)
d.	900-4910-18	3/4"-10NC Automation Hex Lock Nut (Not Shown)
9.	900-4917-91	Two Piece Lock Collar
10 a.	900-1922-39	Cutter Shaft Bearing - Taper Lock Style
b.	900-4904-64	3/4"-10NC x 4" SHCS (Not Shown)
c.	900-4900-94	3/4" USS Flat Washer (Not Shown)
d.	900-4910-18	3/4"-10NC Automation Hex Lock Nut (Not Shown)
11 a.	401-1000-01	Draw Ring Assembly for Cutter Shaft
b.	900-4917-67	5/8"-11NC x 1" SHCS - Draw Ring Assembly Bolt (Not Shown)
c.	900-4911-12	5/8"-11NC x 2-1/4" SHCS - Draw Ring Bolt (Not Shown)
12 a.	900-9912-79	Cutter Shaft (Includes Cutter Teeth & Bolts and End Cap & Bolts)
b.	See Page 26	Cutter Tooth, End Cap, & Hardware
13 a.	401-3000-22	Bottom Flywheel
b.	900-4917-66	3/4"-10NC x 4-1/4" SHCS - Flywheel Bolt (Not Shown)
c.	900-4910-18	3/4"-10NC Automation Hex Lock Nut - Flywheel Nut (Not Shown)
14 a.	401-3000-20	Cutter Shaft Hub
b.	900-4917-66	3/4"-10NC x 4-1/4" SHCS - Shaft Hub Bolt (Not Shown)
c.	900-4910-18	3/4"-10NC Automation Hex Lock Nut - Shaft Hub Nut (Not Shown)
15.	401-3000-16	Flywheel
16.	401-3000-13	Drive Shaft
17 a.	401-3000-15	Draw Ring for Drive Shaft
b.	900-4911-14	5/8"-11NC x 2" Hex Head - Draw Ring Assembly Bolt (Not Shown)
c.	900-4901-32	5/8" Mill Carb Washer
18.	900-6920-16	Coupling
19.	900-6920-15	14 Tooth Spline Taper Bushing
20.	401-3000-08	Drive Shaft Cover
21.	401-2000-25	Curtain Pin
22 a.	401-2000-22	Optional Curtain Mount
b.	401-1000-04	Optional Curtain Assembly
23.	401-3001-03	Curtain Strap
24.	401-3001-02	Curtain

NOTICE Nuts, bolts, washers, and all other components can be ordered by physical description.



LOCATION	PART NUMBER	DESCRIPTION
1.	900-9914-64	Cutter Tooth
2.	900-4917-97	3/8"-16NC x 1-1/2" SHCS - Cutter Tooth Bolt
3.	900-4900-62	3/8"-16NC Hex Nut
4.	900-9914-65	End Cap With Teeth
5.	900-4910-55	3/8"-16NC x 1" SHCS - End Cap Bolt

NOTICE Parts may not be exactly as shown.



Hydraulic Motor: 900-3962-37



14 Tooth Spline Taper Bushing: 900-6920-15



Coupling: 900-6920-16



Valve Block: 900-3962-41

NOTICE Parts may not be exactly as shown.

