

Brush Cutter Heavy Duty Series 3

Operation and Maintenance Manual



103011



888-376-7027 | BlueDiamondAttachments.com

Register your
WARRANTY
within 30 days
of purchase



BD-092

Introduction: Owner Information

Thank you for your decision to purchase a Blue Diamond® Heavy Duty Series 3 Brush Cutter. To ensure maximum performance of your equipment, it is mandatory that you thoroughly study the Operator's Manual and follow the recommendations. Proper operation and maintenance are essential to maximize equipment life and prevent personal injury.

Operate and maintain this equipment in a safe manner and in accordance with all applicable local, state, and federal codes, regulations and/or laws. Follow all on-product labeling and instructions.

Make sure that all personnel have read this Operator's Manual and thoroughly understand safe and correct operating, installation and maintenance procedures.

Blue Diamond® is continually working to improve its products. Blue Diamond® reserves the right to make any improvements or changes as deemed practical and possible without incurring any responsibility or obligation to make any changes or additions to equipment sold previously.

Although great care has been taken to ensure the accuracy of this publication, Blue Diamond® makes no warranty or guarantee of any kind, written or expressed, implied or otherwise with regard to the information contained within this manual. Blue Diamond® assumes no responsibility for any errors that may appear in this manual and shall not be liable under any circumstances for incidental, consequential or punitive damages in connection with, or arising from the use of this manual.

Keep this manual available for frequent reference. All new operators or owners must review the manual before using the equipment and annually thereafter. Contact your Blue Diamond® Attachments Dealer for assistance, information, or additional copies of the manual. Contact www.bluediamondattachments.com or call 888-376-7027 for a complete list of dealers in your area.

Serial Number Location:

Please record attachment information in the space provided for future reference.



Model Number: _____

Serial Number: _____

Dealer Name: _____

Dealer Number: _____

Date of Purchase: _____

The serial number plate is located on the left side of the mounting frame as shown above.

Always use your serial number when requesting information or when ordering parts.

NOTE: The directions left, right, front, and rear, as mentioned throughout this manual, are as viewed from the operator's position.

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Pre-Delivery Inspection Instructions

Use this checklist to verify safety, function, and readiness prior to delivery.

CUSTOMER: _____

DATE: _____

MAKE/MODEL: _____

SERIAL NO.: _____

SKID STEER MODEL: _____

HYDRAULIC FLOW: _____

1. Safety & Documentation

- Operation and Maintenance Manual is included.
- Safety decals are present and legible.
- Model and serial number plate is present and intact.
- Verify required hydraulic flow range for customer's skid steer.

2. Visual Inspection

- Unit is free of shipping damage, dents, cracked welds, etc.
- Verify motor, cylinder, and safety covers are in place and secure.
- Ensure drive system is correctly lubricated.
- Fasteners are properly torqued.

3. Hydraulic System & Operational Test

- Hydraulic hose routing is appropriate for application.
- Fittings are properly tightened; verify no leakage.

TECHNICIAN: _____

CUSTOMER: _____

DATE: _____

- Quick couplers are correct and clean.
- Case drain line is installed (if applicable).
- Smooth operation; no hydraulic leaks or excessive vibration of attachment.

Attachment has been connected to the host machine that will be used for operation and tested.

- Yes No

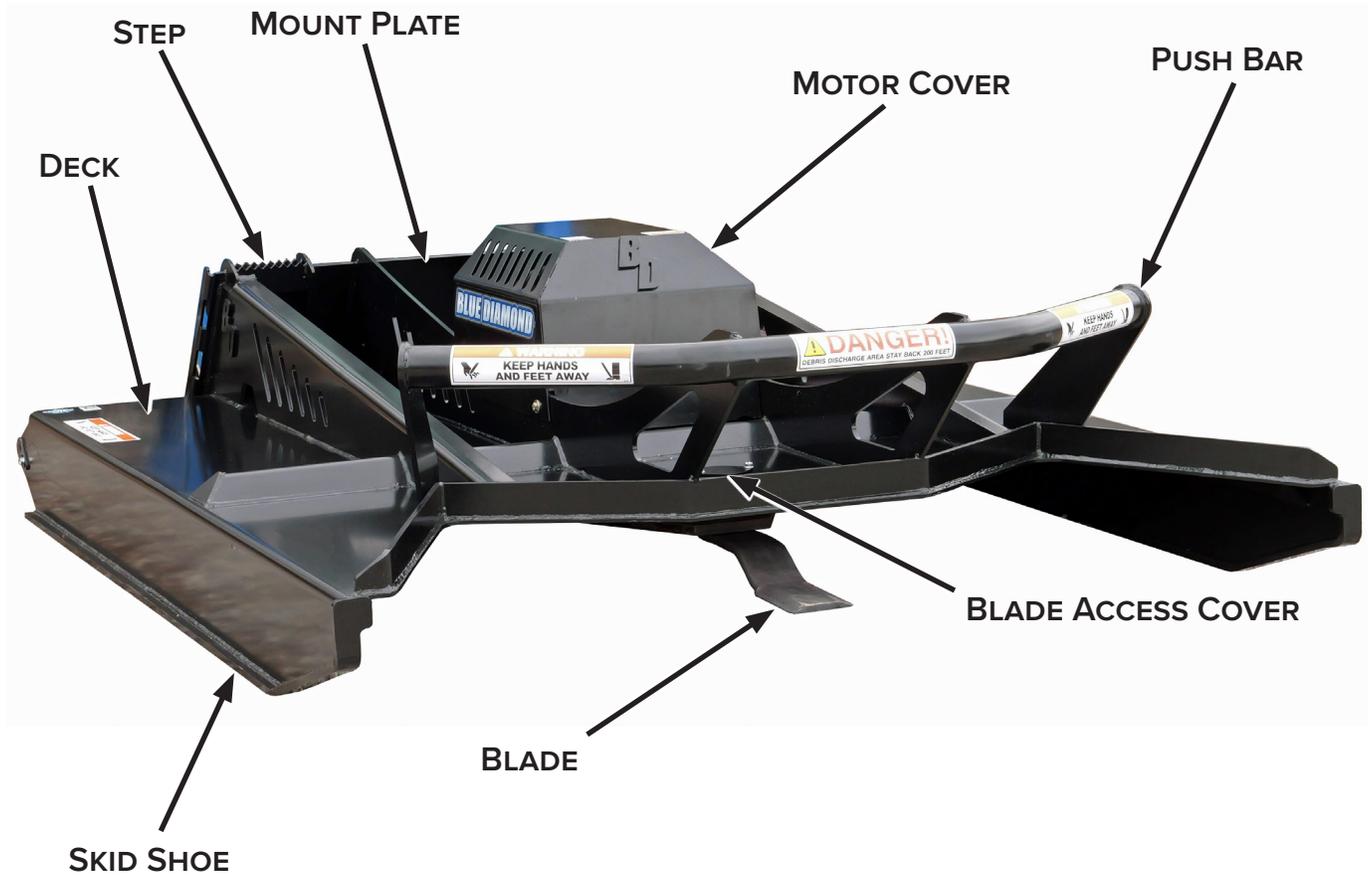
4. Final Delivery

- Maintenance schedule located in Operation and Maintenance Manual has been reviewed.
- Grease type and intervals were provided.
- Blade change procedure and maintenance safety has been explained.
- Register the attachment for warranty by following the instructions below:
 - Scan the QR code to fill out the form online.
 - Fill out this form and email it to warranty@bdattachments.com



1. Introduction

1.1 Attachment Identification



1.2 About this Attachment

The Blue Diamond® Heavy Duty Open Front Brush Cutter delivers powerful, reliable cutting performance at an exceptional value. Built to cut grass, heavy brush, and trees up to 4 inches in diameter, it features a reinforced ¼” steel deck, oil-filled direct drive system, and three swing-away blades for a clean, efficient cut. The open front design with heavy push bar increases productivity by feeding material directly into the blades, making it an ideal choice for skid steers up to 75 HP using standard-flow hydraulics.

1.3 Attachment Model Numbers

| MODEL NUMBER | WORKING WIDTH | MOTOR SIZE |
|--------------|---------------|------------|
| 103011 | 72” | 130cc |

2. Safety

2.1 General Safety Information



This **SAFETY ALERT SYMBOL** identifies important safety messages on the equipment and in the owner's manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.



The signal word **IMPORTANT** identifies procedures which must be followed to avoid damage to the machine.



The signal word **DANGER** on the machine and in the manuals indicates a hazardous situation which, if not avoided, will result in death or serious injury.



The signal word **WARNING** on the machine and in the manuals indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



The signal word **CAUTION** on the machine and in the manuals indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

NOTE: Notes are used to indicate important information. This information may be repeated in other areas of the manual.

Terminology

Host Machine, Machine, Prime Mover:

- The Heavy Duty Series 3 Brush Cutter can be attached to many different pieces of equipment; therefore, the terms “host machine”, “machine”, and “prime mover” will be used. Host machine, machine, and prime mover mean any vehicle, tractor, or skid steer providing power to the attachment.

Attachment, Implement, Equipment:

- The Heavy Duty Series 3 Brush Cutter is the tool that is being attached to the host machine; therefore, the terms “attachment”, “implement”, and “equipment” will be used. The attachment, implement, and equipment mean any tool that is being used on any vehicle, tractor, or skid steer being used for different applications.

Operating Safety

- Read and follow instructions in this manual and the machine's Operator's Manual before operating.
- The manual must always remain with the machine. In case of loss or damage, request a new copy from your dealer or from Blue Diamond®.
- Strictly follow all rules prescribed by the safety pictograms/decals applied to the machine. Ensure that all safety pictograms/decals are legible. If pictograms/decals are worn, they must be replaced with new ones obtained from Blue Diamond® and placed in the position indicated by this manual.
- Before using the machine, make sure that all safety devices are installed and in good working condition. In case of damaged or missing shields, replace them immediately.
- It is absolutely forbidden to remove or alter safety devices and/or safety precautions
- Pay maximum attention to avoid any accidental contact with rotating parts of the machine.
- If the use of the machine is required at night or in conditions of reduced visibility, use the lighting system of the prime mover and an auxiliary lighting system if required.

2. Safety

2.2 Operators

Qualified Operators

The operator is a person suited to the work and who is physically and psychologically able to withstand the demands connected with operating the equipment for its intended use. The operator must not allow anyone to approach the machine while it is working and must not allow external personnel to operate the machine or attachment.

The operator is to follow the given instructions in this manual and the machine operator's manual in order to obtain maximum performance, minimal fuel consumption, and maximum safety for himself and for others.

The operator is responsible for scrupulously observing all the instructions given in this manual.



DANGER



AVOID SERIOUS INJURY OR DEATH

Operators must receive instructions before operating the machine. Untrained operators can cause serious injury or death.

For an operator to be qualified, he or she must not use drugs or alcoholic drinks which impair alertness or coordination while working. An operator who is taking prescription drugs must get medical advice to determine if he or she can safely operate a machine and the equipment. For an operator to be qualified, he or she must have read and understood the instructions of this manual, he or she must make adequate preparation for the proper use of the machine, and he or she must hold a driving license.

In case of doubt regarding the use of the machine and/or the interpretation of this manual, the operator must contact either their dealer or Blue Diamond®.

Operator Training

- Check the rules and regulations at your location. The rules may include an employer's work safety requirements. Regulations may apply to local driving requirements or use of a Slow Moving Vehicle (SMV) emblem. Regulations may identify a hazard such as a utility line.
- The new operator must start in an area without bystanders and use all the controls until he or she can operate the machine safely under all conditions of the work area.

Operator Safety

- Any use of the machine other than the intended use is a non-intended use and is considered to be unauthorized and dangerous. Blue Diamond® is not liable for any damage or injury resulting from non-intended use.
- Before starting, and during operation of the attachment, make sure there are no people or animals in the operation area; the machine can project material from the back with risks of serious injury or death.
- During operation, adjustment, maintenance, repairing, or transportation of the machine, the operator must always use appropriate Personal Protective Equipment (PPE) including but not limited to safety glasses, working gloves, dust mask, safety helmet, and hearing protection.
- Do not operate the attachment or machine while wearing loose fitting clothing that can be entangled or caught in parts of the machine or attachment.
- Do not operate the implement when tired, not in good condition, or under the influence of alcohol or drugs.

2. Safety

2.3 Safety Guidelines

Operating Safety

- Read and follow instructions in this manual and the machine's Operator's Manual before operating.
- Under no circumstances should young children be allowed to work with this equipment.
- This equipment is dangerous to persons unfamiliar with its operation.
- Check for overhead and/or underground lines before operating equipment.
- In addition to the design and configuration of equipment, hazard control and accident prevention are dependent upon the awareness, concern, prudence, and proper training of personnel involved in the operation, transport, maintenance, and storage of equipment.
- Check that the attachment is securely fastened to the machine.
- Make sure all the machine controls are in the NEUTRAL before starting the machine.
- Operate the equipment only from the operator's position.
- Operate the equipment according to the Operator's Manual.
- When learning to operate the equipment, do it at a slow rate in an area clear of bystanders.
- Do not permit personnel to be in the work area when operating the equipment.
- The equipment must be used ONLY on approved machines.
- Do not modify the equipment in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the equipment.
- Do not make any adjustments or repairs on the equipment while the machine is running.
- Keep shields and guards in place. Replace if damaged.
- DO NOT operate equipment in poor visibility conditions such as fog, darkness, or any conditions that limit clear visibility less than 300 feet (100 m) in front of and to the sides of the equipment.
- When conditions make it necessary to slow ground speed, shift to a lower gear rather than reducing engine speed. The engine will maintain rated speed and keep the cutter running at optimum cutting speed.
- DO NOT operate in a work area that has not been inspected for foreign debris and obstacles.
- Remove any foreign objects and clearly mark any objects that cannot be removed.
- Wear safety glasses, gloves, hearing protection, and other protective clothing when required.

Machine Requirements and Capabilities

- The machine's operator's cab should be equipped with a thermoplastic polycarbonate or similar material front window, and similar protection on the sides of the operator's cab before operating the equipment.
- Keep bystanders clear of moving parts and the work area. Keep children away.
- Do not exceed 4000 psi (275 bar) operating pressure.
- Use caution on slopes and near banks and ditches to prevent overturn.

2. Safety

2.3 Safety Guidelines Cont'd

Fire Prevention Safety

- Flammable debris (leaves, grass, etc.) must be removed regularly. If flammable debris is allowed to accumulate, it can cause a fire hazard. Clean often to avoid this accumulation.
- The equipment's hydraulic motor compartment must be inspected every day and cleaned if necessary to prevent fire hazards and overheating.
- All fuels, most lubricants, and some coolant mixtures are flammable. Flammable fluids that are leaking or spilled onto hot surfaces or onto electrical components can cause a fire.

Transporting Safety

- Comply with state and local laws governing highway safety and movement of machinery on public roads.
- Check local laws for all highway lighting and marking requirements.
- Always yield to oncoming traffic and move to the side of the road so any following traffic may pass.
- Never allow riders on either machine or equipment.
- If transporting the equipment on a truck or trailer, make sure the equipment is properly secured to the transport vehicle.

Hydraulic System

- Check hydraulic tubes, hoses, and fittings for damage and leakage. Never use open flame or bare skin to check for leaks. Hydraulic tubes and hoses must be properly routed and have adequate support and secure clamps. Tighten or replace any parts that show leakage.
- Always clean fluid spills. Do not use gasoline or diesel fuel for cleaning parts. Use commercial nonflammable solvents.

Personal Protective Equipment



Proper Work Clothes: To help ensure your safety as a designated operator wear proper work clothes including tight fitting clothes, protective gloves, and shoes.



Hand Protection: To help ensure your safety as a designated operator wear protective gloves.



Protective Shoes: To help ensure your safety as a designated operator wear protective shoes.



Safety Helmet: To help ensure your safety as a designated operator wear a safety helmet.



Safety Helmet and Eye/Ear Protection: To help ensure your safety as a designated operator wear a safety helmet and eye/ear protection.

3. Operation

3.1 Pre–Operation Inspection

Before operating the Heavy Duty Series 3 Brush Cutter for the first time and each time thereafter, use the following list as a guideline during equipment inspection.



WARNING



AVOID SERIOUS INJURY OR DEATH

- Disengage machine’s auxiliary hydraulics, engage the machine’s parking brake, stop the engine, and make sure all moving parts are completely stopped before connecting, disconnecting, adjusting, or cleaning equipment.
- Always keep shields and guards in place when using the equipment.
- Disengage machine’s auxiliary hydraulics for road travel.
- Keep hands, feet, and clothing away from rotating parts.

- Lubricate the attachment per the schedule outlined in the Maintenance section. See “4.1 Service Schedule” on page 17.
- Check the attachment mounting frame for damage or cracks.
- Check that all shields and guards are in place.
- Check for loose bolts and tighten them if necessary.
- Check all welds on the attachment for wear and damage each time the attachment is removed from the machine.
- Check for damaged or missing safety decals. Replace if necessary.
- Inspect the machine’s mounting frame. (See the machine’s Operator’s Manual for inspecting the mounting frame.) Replace any parts that are damaged, bent, or missing. Keep all fasteners tight. Look for cracked welds.
- Verify that the attachment is properly connected to the machine.
- Inspect the safety chain for damage.



WARNING



Leaking fluids under pressure can enter the skin and cause serious injury or death. Immediate medical attention is required.

Wear goggles. Use cardboard to check for leaks.

- Check the condition of all hydraulic components for leaks. Repair as required.

NOTE: Do not operate with hydraulic leaks.

3.2 Attachment Inspection

Daily Inspection

NOTE: Inspect the attachment by performing a walk-around daily before and after use. Use the following inspection checklist as a guideline.

Check the following items daily or every (8) hours of operation:

- Verify that the Brush Cutter is properly connected to the machine.
- Check that all shields and guards are in place.
- Check hydraulic lines, connections, and fittings for hydraulic oil leaks. Repair or replace damaged parts if necessary.
- Check the Brush Cutter mounting hardware for damage. Inspect the pins and mount on the attachment for wear or damage. Repair or replace damaged parts.

3. Operation

3.2 Attachment Inspection Cont'd

Weekly Inspection

Check the following items once a week or every 40 hours of operation:

- Check the blade bolts for correct torque — 1440 lbf•ft (1952 N•m).
- Check all bolts for tightness.
 - 3/8" bolts should be torqued to 50 lbf•ft (68 N•m).
 - 1/2" bolts should be torqued to 100 lbf•ft (135 N•m).
 - See "6.2 Torque Specifications – Imperial" on page 29 for more information regarding torque values.
- Inspect the deck for cracks, bends, or damage.
- Inspect the discharge chain, and replace any missing or broken chains.

Monthly Inspection

Check the following items every 30 days or once a month during operation:

- Inspect the blades for cracks, bends, or excessive wear.
- Check that all bolts are properly torqued.
- Check the blades and mounting plate for cracks for damage. Replace if necessary.
- Check blade mounting hardware for correct torque – 1440 lbf•ft (1952 N•m). Check the mounting plate hardware.
- Check the chains, deck, shields, and guards. Repair if damaged or replace if necessary.
- Check for damaged or missing decals. Replace if necessary.
- Clean all debris, leaves, grass, and flammable material from the deck area and under the motor cover.
- Check for damaged or leaking hydraulic hoses or fittings. Replace if necessary.
- Lubricate as required. See "4.2 Direct Drive Assembly Lubrication" on page 18 for more information.



WARNING



Leaking fluids under pressure can enter the skin and cause serious injury or death. Immediate medical attention is required.

Wear goggles. Use cardboard to check for leaks.

3.3 Entering & Exiting the Prime Mover



IMPORTANT



See the machine's Operator's Manual for detailed information on operating the loader.

Entering the Operator's Position

Use the safety treads, handles, and steps on the attachment and machine to enter the operator's position. Always maintain three (3) points of contact.

When in the operator's position, secure the seatbelt, lower safety seat bar, start the engine, and release the parking brake.

3. Operation

3.3 Entering & Exiting the Prime Mover Cont'd

Leaving the Operator's Position



WARNING



AVOID SERIOUS INJURY OR DEATH

- Always park on a flat, level surface.
- Lower lift arms and place attachment flat on the ground.
- Place all controls in NEUTRAL.
- Engage the parking brake.
- Stop the engine, and remove the key.
- Wait for all moving parts to stop.

SEE MACHINE'S OPERATOR'S MANUAL FOR ADDITIONAL INFORMATION.

Park the machine/attachment on a flat, level surface.

Place all controls in neutral, engage the parking brake, stop the engine, and wait for all moving parts to stop. Leave the operator's position.

3.4 Attachment Installation

Connecting Attachment to the Machine



WARNING



CRUSH HAZARD

- Before moving the machine, look in all directions and make sure no bystanders, especially small children are in the work area. Do not allow anyone between the machine and attachment when approaching the attachment for connecting.
- Keep fingers and hands out of pinch points when connecting and disconnecting the attachment.

Before connecting to the attachment, inspect the machine's mounting plate. (See the machine's Operator's Manual for inspecting the mounting frame.)

Enter the operator's position. See "Leaving the Operator's Position" on page 12.

Drive the machine slowly forward, until the top edge of the machine's mounting plate is under the top flange of the attachment mounting frame.

Slowly tilt the machine's mounting plate back until the attachment mounting frame fully contacts the front of the machine's mounting plate.

Leave the operator's position. See "Leaving the Operator's Position" on page 12.



WARNING



AVOID SERIOUS INJURY OR DEATH

The locking pins/wedges must extend through the holes in the attachment mounting frame. Failure to secure locking pins/wedges can allow attachment to come off.

SEE MACHINE'S OPERATOR'S MANUAL FOR ADDITIONAL INFORMATION.

Engage attachment locking levers/wedges (See the machine's Operator's Manual for detailed information).

Connecting Hydraulic Hoses



IMPORTANT



Thoroughly clean the quick couplers before making connections. Dirt can quickly damage the hydraulic system.

Verify that all hydraulic couplings are compatible with the host machine.

Remove dirt or debris from the male and female couplers. Visually inspect the couplers for corroding, cracking, damage, or excessive wear. Replace as needed.

3. Operation

3.4 Attachment Installation Cont'd

Connecting Hydraulic Hoses Cont'd

Connect the attachment hydraulic hoses to the machine. The hydraulic hoses must be connected in the following order: return hose then pressure hose.

For the hydraulic hoses, the return hose must be connected before the pressure hose.

Pull on each hose to verify full connection is made.

Connecting Safety Chain

The safety chain is designed to keep the rear of the Brush Cutter below the host machine door to prevent debris being thrown against the machine cab's windshield.

Attach the safety chain to a secure point on the host machine frame with enough slack for the Brush Cutter to be lifted but not lifted higher than the bottom edge of the cab door. See Figure 1.

The connection point may be different depending on the host machine, but any tie-down point or other firm connection point can be used.



Figure 1

Disconnecting Hydraulic Hoses



WARNING



AVOID SERIOUS INJURY OR DEATH

Hydraulic fluid, tubes, fittings, and quick couplers can get hot during operation. Be careful when connecting and disconnecting hydraulic hoses.

Relieve auxiliary hydraulic pressure. (See the machine's Operator's Manual for correct procedure.)

Disconnect attachment hydraulic hoses from the machine. The hoses must be disconnected in the following order: pressure hose then return hose.

The pressure hose must be disconnected before the return hose.

Disconnecting Attachment From the Machine

Relieve auxiliary hydraulic pressure. (See the machine's Operator's Manual for correct procedure.)

Park the machine and attachment on a flat, level surface. Lower the attachment flat on the ground.

Leave the operator's position. See "Leaving the Operator's Position" on page 12.

Disconnect attachment hydraulic hoses from the machine.

Disengage locking pins/wedges. (See the machine's Operator's Manual for correct procedure.)

Enter the operator's position. See "Entering the Operator's Position" on page 11.

Slowly tilt the machine's mounting plate forward until the attachment mounting frame is free from the machine's mounting plate.

Drive the machine slowly backward, away from the attachment.

3. Operation

3.5 Machine Requirements

! DANGER !

FLYING DEBRIS OR OBJECTS WILL CAUSE SERIOUS INJURY OR DEATH

To protect the operator from flying debris or objects, it is important that the machine's operator's cab should be equipped with a thermoplastic polycarbonate or similar material front window, and similar protection on the sides of the operator's cab before operating the Heavy Duty Series 3 Brush Cutter.

! DANGER !




ROTATING BLADES WILL CAUSE SERIOUS INJURY OR DEATH

- Never put hands, feet, or objects into or under Brush Cutter when engine is running.
- Keep bystanders away.
- No riders.
- Stop engine before leaving the machine to service.

! WARNING !



THROWN OBJECTS OR ROTATING BLADES CAN CAUSE SERIOUS INJURY OR DEATH

- Clear work area of all debris, such as rope, wire, cable, or other materials that can wrap around blade carrier and blades, causing entanglement and attachment damage.
- **DO NOT** operate attachment in vicinity of bystanders, animals, or damageable property. Objects can be thrown more than several hundred feet.
- Keep all chains and shields installed. Repair or replace if damaged or missing.
- Check blade carrier, blades, and mounting hardware. Replace if damaged. Never weld or modify.

! WARNING !

Never allow riders onto the attachment.

| MODEL NUMBER | WIDTH | MOTOR SIZE | REQUIRED GPM | MAXIMUM HORSEPOWER | MAXIMUM PRESSURE |
|--------------|-------|------------|--------------|--------------------|------------------|
| 103011 | 72" | 130cc | 15 – 22 | 75 HP | 4,000 PSI |

3. Operation

3.5 Machine Requirements Cont'd



WARNING



AVOID SERIOUS INJURY OR DEATH

- Never operate the Brush Cutter with the back of the deck more than 24" (610 mm) off the ground.
- Never operate the Brush Cutter with any guards removed, including the motor cover.
- Never operate the Brush Cutter without the safety chain securely fastened to the machine.



IMPORTANT



DO NOT operate the Brush Cutter when excessive vibration is present. Serious damage can result. Check the blade carrier, blades, and mounting hardware. Replace if damaged.

NOTE: The ground conditions and the type of brush being cut will determine the best cutting procedure and ground speed. The Heavy Duty Series 3 Brush Cutter is designed to cut short or tall grass and brush or trees up to 4" (100 mm) in diameter.

3.6 Clear Work Area



IMPORTANT



- DO NOT operate in a work area that has not been cleared of foreign debris and obstacles.
- Rocks, metal, construction debris, and other objects can damage the blade carrier and blades.
- Clearly mark any objects that cannot be removed.



3. Operation

3.7 Operating the Attachment

Install the Brush Cutter onto the machine. (See “Connecting Attachment to the Machine” on page 12.)

Enter the operator’s position. (See “Entering the Operator’s Position” on page 11.)

Engage the machine’s auxiliary hydraulics.

Using the machine’s auxiliary hydraulic controls, start blade rotation.



To minimize larger cut material discharging to the rear, always keep the machine between the material being cut (work area) and buildings, occupied areas, or roadways.



AVOID DAMAGE TO MACHINE & ATTACHMENT
DO NOT exceed 4000 PSI (275 bar) operating pressure. Damage can result.

3.8 Cutting Procedures



AVOID DAMAGE TO MACHINE & ATTACHMENT
Maximum cutting capacity of the Brush Cutter is 4” (100 mm). DO NOT exceed. Damage can result.

Brush Cutting

With the blades rotating, tilt the machine’s mounting frame backward, raising the front of the Brush Cutter to roughly a 30° – 45° angle. Slowly drive forward to cut the brush. Slightly lift the rear of the Brush Cutter off the ground, tilt the front of the attachment down until it comes in contact with the ground and reverse over the freshly cut material to finely mulch.

Grass Cutting

With the blades rotating, tilt the machine’s mounting frame until the Brush Cutter deck is parallel to the ground. Lower the Brush Cutter deck to the ground or the desired cutting height. Slowly drive forward to cut the grass.

Tree Cutting

With the blades rotating, tilt the machine’s mounting frame backward, raising the front of the Brush Cutter is 45° angle. Slowly drive forward toward the tree. Cut the lower branches to expose the trunk of the tree.

Tilt the machine’s mounting frame until the Brush Cutter deck is parallel to the ground or slightly tilted backward. Slowly drive into the tree until the push bar makes contact with the tree trunk. Maintain slow, steady pressure, cutting the trunk (as low to the ground as possible) and allowing the push bar to push the tree away from the machine.

To remove the stump, level the Brush Cutter, and raise it until the blades are a few inches below the top of the stump. Drive forward until the top of the stump is removed, and repeat the process until the stump is level with or below ground surface.

To mulch the trunk and branches of the tree, start at the top of the tree with the small branches. Lower the rear of the attachment to the ground, and raise the front to a 45° angle. Slowly drive forward to cut the trunk. If necessary, mulch the material into a finer finish by reversing back over the material with the rear of the Brush Cutter slightly raised and the front of the deck lowered to the ground.

3.9 Blade Reversing Procedure

1. Disengage the hydraulic flow and allow the blade carrier to come to a complete stop.
2. Using the machine’s joystick controls, reverse the hydraulic flow, testing the operation of the cutter, and inspect for leaks; the blades should now be spinning *counterclockwise*.

4. Maintenance

4.1 Service Schedule

| DESCRIPTION | SERVICE PROCEDURES | | | | | |
|-----------------------------------------------|--------------------|-------|------|--------|--------|-------|
| | Check | Clean | Lube | Change | Adjust | Drain |
| Daily Maintenance (or every 8 hours) | | | | | | |
| Hydraulic Fittings | • | | | | | |
| Hydraulic Hoses | • | | | | | |
| Hydraulic Motor | • | • | | | | |
| Blades (wear, damage, and loosening) | • | | | | | |
| Blade Carrier | • | | | | | |
| All Hardware | • | | | | | |
| Deck | • | • | | | | |
| Chain Guard | • | | | | | |
| Weekly Maintenance (or every 40 hours) | | | | | | |
| Blade Bolt Torque – 1440 lbf·ft (1952 N·m) | • | | | | | |
| All Hardware | • | | | | | |
| Deck (cracks, bends, or damage) | • | | | | | |
| Chain Guard (replace missing/ broken chains) | • | | | | | |
| Safety Chain | • | | | | | |
| Monthly Maintenance | | | | | | |
| Blades (cracks, bends, or excessive wear) | • | | | | | |
| Skid plates | • | | | | | |
| All Hardware | • | | | | | |
| 1000 Hour Maintenance | | | | | | |
| Drive Assembly* | | | | • | | |

*Drive assembly's oil must be changed after the first 100 hours, and then every 1000 hours afterwards. See "4.2 Direct Drive Assembly Lubrication" on page 18 for more information.



4. Maintenance

Proper and regular maintenance ensures a long life of the attachment, avoids failures, and saves times and repair costs.

Periodic inspections and maintenance operations described in this section must be performed by an operator in times and terms prescribed. Failure to comply with maintenance prescriptions can compromise the function and lifetime of the attachment, which will result in the warranty becoming void.

Repairs, maintenance, and modifications other than those mentioned in this manual should NOT be performed without consulting Blue Diamond® Product Support.

Wrong or inappropriate repairs or maintenance may generate abnormal operating conditions, equipment damage, and generate risks for the operator.



WARNING



AVOID SERIOUS INJURY OR DEATH

The following must always be performed prior to any adjustment being made:

- Always park on a flat, level surface.
- Lower lift arms, and place attachment flat on the ground.
- Place all controls in **NEUTRAL**.
- Engage the parking brake.
- Stop the engine, and remove the key.
- Wait for all moving parts to stop.
- Set the parking stand.

SEE MACHINE'S OPERATOR'S MANUAL FOR ADDITIONAL INFORMATION.

4.2 Direct Drive Assembly Lubrication



IMPORTANT



Fluid, such as hydraulic fluid, coolants, grease, etc., must be disposed of in an environmentally safe manner. Some regulations require that certain spills and leaks on the ground must be cleaned in a specific manner. See local, state, and federal regulations for correct disposal.

The Heavy Duty Series 3 Brush Cutter has an oil-filled direct drive.

The direct drive assembly's oil needs changed after the first 100 hours and then every 1000 hours or once a year, whichever comes first.

To replace the oil, perform the following:

1. Remove both plugs and insert one end of a discharge hose into the lowest oil port and the other end into a waste container.

NOTE: Be sure the used oil is disposed of properly.

2. Using a fluid removal pump, remove the old oil from the direct drive.
3. Reinstall the bottom plug. Refill with 85W-140 5EP grade gear oil from the top filler plug.

NOTE: BC75-SAE-C must be filled with minimum 10 ounces of oil. The maximum capacity is 14 ounces.

4. Once filled, reinstall the oil filler plug.

4. Maintenance

4.3 Blades



DANGER



AVOID SERIOUS INJURY OR DEATH

Before servicing the Brush Cutter:

- Lower lift arms and place the attachment on a flat, level surface.
- Engage parking brake, stop engine, and exit the machine.
- Disconnect the attachment's hydraulic hoses.

Tools Required

- Impact Driver
- Breaker Bar
- 9/16" (14 mm) Impact Socket
- 1 11/16" (43 mm) Impact Socket
- Torque Multiplier with at least 2000 lbf·ft (2712 N·m) output
- Torque Wrench capable of the necessary input to achieve 1440 lbf·ft (1952 N·m) when paired with a torque multiplier [e.g. 480 lbf·ft (651 N·m) is required for use with a 1:3 ratio multiplier].

Blade Removal

1. Rest the Brush Cutter's skid shoes on blocks to provide easy access to the blades and bolts.
2. Connect the male coupler to the female coupler on the attachment hoses to equalize hydraulic pressure, allowing the blade carrier to be turned by hand.
3. Using the 9/16" (14 mm) socket and impact driver, remove the access cover bolts [Figure 2, Item 1].



Figure 2

4. Using the torque multiplier and breaker bar, remove the nut. The blade and blade bolt should fall to the ground. If not, use a hammer to strike the bolt until the blade and bolt are released from the blade carrier.

NOTE: The motor cover can be removed if required to provide more stability for the torque multiplier.

5. Turn the blade carrier by hand to align the next blade nut with the access hole.
6. Repeat steps 3 – 5 until all blade nuts and bolts have been removed.

Blade Installation



WARNING



AVOID SERIOUS INJURY OR DEATH

The blade's bolt and nut **MUST** be replaced at the same time as the blades. **DO NOT** reuse a bolt or nut that has been previously used. Used hardware does not maintain torque, greatly increasing the risk of loosening and/or failing, which could result in serious injury or death if in operation.

1. Put a new blade on a new bolt. Align the shoulder of the bolt with the D-shaped hole, and push the bolt up through the blade carrier. Verify that the blade and blade bolt are fully seated.
2. Fit a new nut onto the blade bolt, and hand-tighten it.
3. Using the torque multiplier and torque wrench, tighten the blade nut until the correct torque of 1440 lbf·ft (1952 N·m) is reached (+/- 5%).
4. Repeat steps 1 – 3 until all blades, nuts, and bolts have been installed.
5. Reinstall the access cover, using 9/16" (14 mm) socket and impact driver.

4. Maintenance

4.4 Cleaning the Attachment



WARNING



AVOID SERIOUS INJURY OR DEATH

Before servicing the Brush Cutter:

- Disconnect the attachment's hydraulic hoses.
- Raise the lift arms, and tilt the Brush Cutter fully forward (down) until the front of the attachment comes in contact with the ground.
- Engage the parking brake, stop the engine, and leave the operator's position.

Park the machine and attachment on a flat, level surface. Lower the attachment flat on the ground.

Leave the operator's position. See "Leaving the Operator's Position" on page 12.

Disconnect the attachment's hydraulic hoses from the machine.

Disconnect the safety chain from the machine.

Enter the operator's position. See "Entering the Operator's Position" on page 11.

Start the engine, slowly raise the machine's lift arms while tilting the Brush Cutter forward (down) until the front of the attachment comes in contact with the ground.

Stop the engine, engage the parking brake, and leave the operator's position. See "Leaving the Operator's Position" on page 12.

Use water or air pressure to clean debris from under the Brush Cutter.

Be careful removing any obstructions that are wrapped around the blades and blade carrier.

4.5 Storage

Storage

Sometimes it may be necessary to store your Heavy Duty Series 3 Brush Cutter for an extended period of time. Below is a list of items to perform before storage.

- Make sure the hydraulic hose couplers are capped, plugged, or connected to each other.
- Thoroughly wash the attachment before storing it for long periods.
- Lubricate the attachment.
- Check for loose hardware, missing guards, or damaged parts.
- Check for damaged or missing decals. Replace if necessary.
- Replace worn or damaged parts.
- Place the attachment flat on the ground in a dry, protected shelter.

NOTE: In muddy conditions or to prevent the attachment from freezing to the ground, put the attachment on planks or blocks before removing the attachment from the machine.

Return to Service

After the Heavy Duty Series 3 Brush Cutter has been in storage, it is necessary to follow a list of items to return the attachment to service.

- Lubricate the attachment.
- Connect and operate the attachment and check for correct function.
- Check for leaks. Repair as needed.

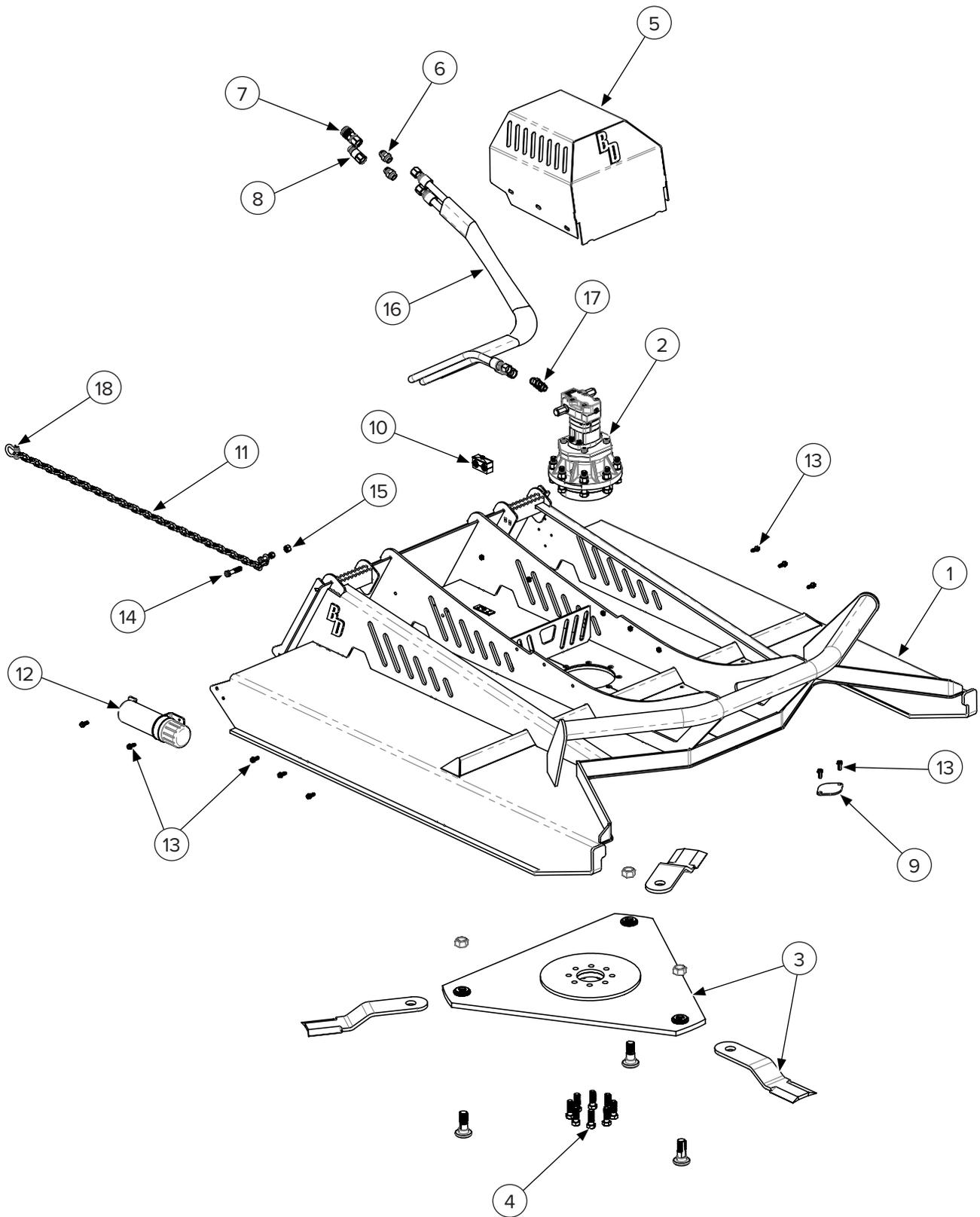
4. Maintenance

4.6 Troubleshooting

| PROBLEM | CAUSE | SOLUTION |
|------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Brush Cutter Vibrating | Broken or damaged blades | Check blades and replace as needed. |
| | Debris under deck or on blade carrier | Remove all debris and verify all parts rotate freely. |
| | Loose or missing blade bolts | Replace missing bolts, and tighten all blade bolts. |
| Low Pressure at Start Up/ Blades Turning Too Slow | Hydraulic couplers reversed | Reverse male and female couplers. Check for correct pressure. |
| | Faulty relief valve on Brush Cutter or host machine | Contact your dealer or Blue Diamond® Product Support. |
| Hydraulic Pressure But No Blade Rotation | Debris jammed under deck or on blade carrier | Remove all debris and verify all parts rotate freely. |
| | Against an obstacle preventing the blade carrier from rotating | Adjust the Brush Cutter until all blades rotate freely. |
| | Damaged or seized drive | Check blades and blade carrier. Verify that all blades and blade carrier rotate freely. Replace damaged or seized drive. |
| | Damaged motor shaft or seized motor | Contact your dealer or Blue Diamond® Product Support. |
| Poor Cutting | Travel speed too slow | Increase travel speed during operation. |
| | Broken or dull blades | Replace blades as needed. |

5. Parts

5.1 Main Components



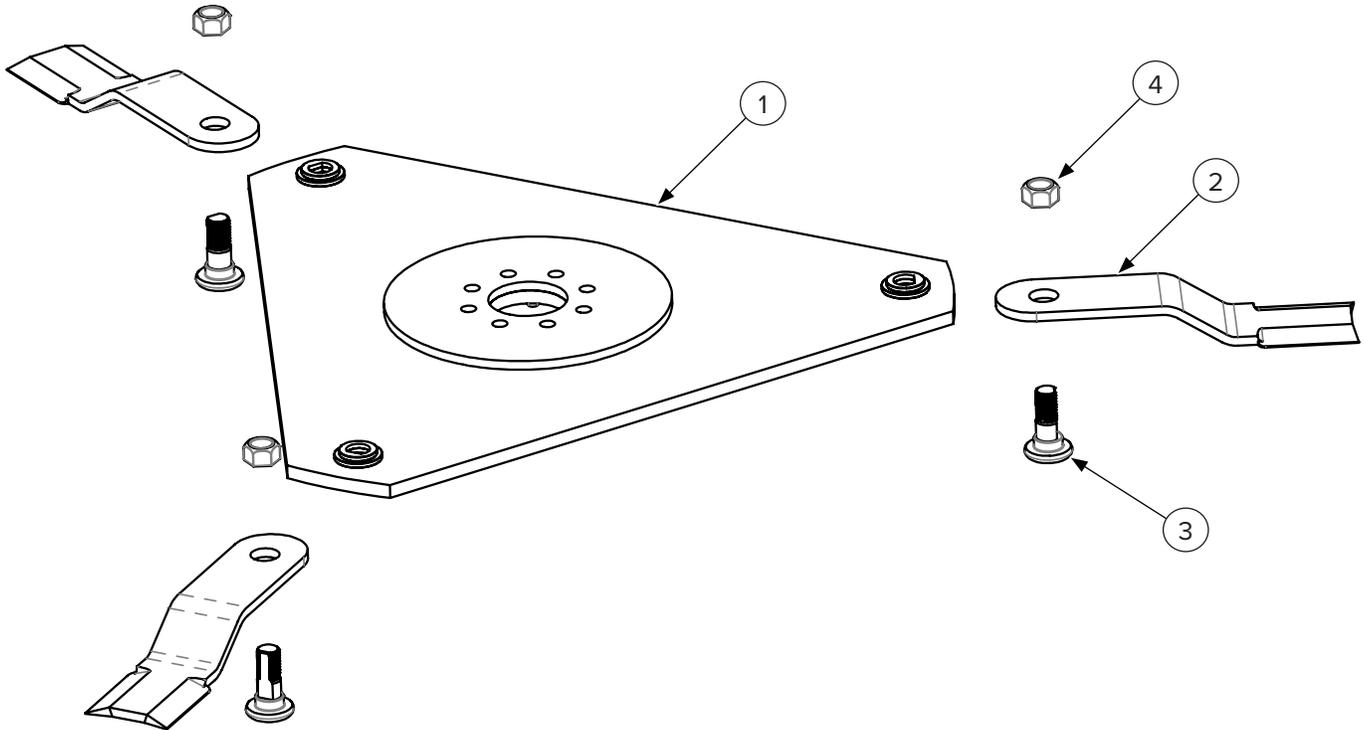
5. Parts

5.1 Main Components Cont'd

| ITEM | PART NUMBER | DESCRIPTION | QTY |
|------|----------------------|---------------------------------------------------------------------------------------------------------------|-----|
| 1 | 203019 | Deck Weldment | 1 |
| 2 | See page 25 | Hydraulic Drive Assembly | 1 |
| 3 | See page 24 | Blade Carrier with Blades | 1 |
| 4 | 299469-F | 3/4"-16 x 2 1/4" Hex Head Bolt Fine Thread Grade 8 | 8 |
| 5 | 203018 | Motor Cover | 1 |
| 6 | 295010-M12JIC-M12ORB | Hydraulic Straight Fitting Male #12 JIC to Male #12 O-Ring Boss | 1 |
| 7 | 224011 | Coupler, Female Flat Face Straight 1/2" Body Female #12 O-Ring Boss | 1 |
| 8 | 224012 | Coupler, Male Flat Face Straight 1/2" Body Female O-Ring Boss | 1 |
| 9 | 203008 | Blade Bolt Access Cover | 1 |
| 10 | 206820 | Hose Clamp with 5/16"-18 x 2" Bolt | 1 |
| 11 | 203048 | 96" Safety Chain & Clevis | 1 |
| 12 | 216402 | Manual Storage Tube | 1 |
| 13 | 203006 | 3/8"-16 x 1" Thread Forming Bolt | 10 |
| 14 | 299414 | 9/16"-12 x 2 1/2" Hex Head Bolt Grade 8 | 1 |
| 15 | 299619 | 9/16"-12 Nylock Nut Grade 8 | 1 |
| 16 | 203039 | Hose Set, 2 Hoses 112" OAL 3/4" ID Straight Female #12 JIC Swivel Both Ends Hose Wrap (Couplers Not Included) | 1 |
| 17 | 295010-M12JIC-M10ORB | Hydraulic Straight Fitting Male #12 JIC to Male #10 O-Ring Boss | 1 |
| 18 | 299340 | Steel Clevis / Pin Shackle, 7/16" | 1 |

5. Parts

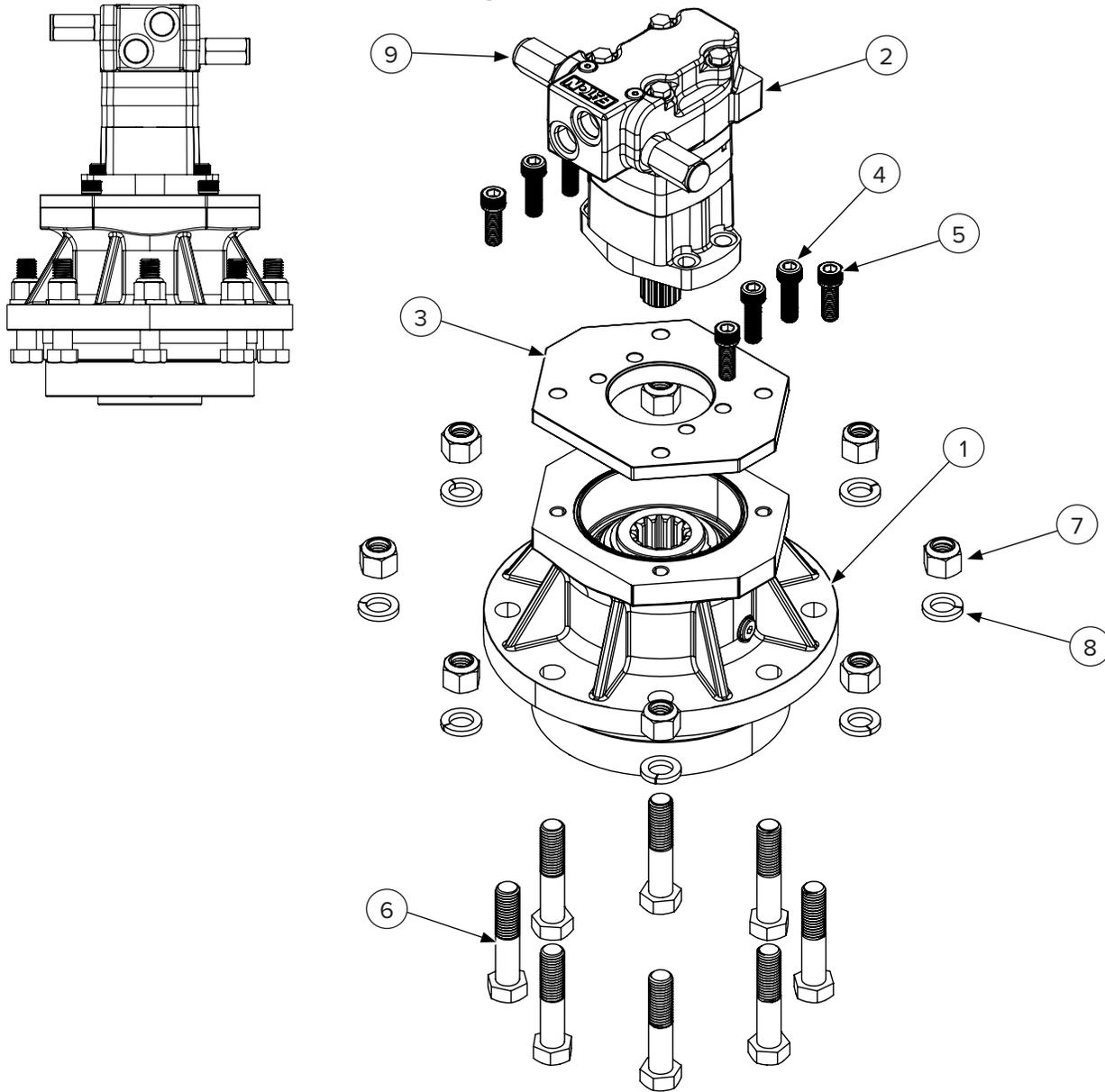
5.2 Blade Carrier Components



| ITEM | PART NUMBER | DESCRIPTION | QTY |
|------|-------------|------------------------------------------------------------|-----|
| 1 | 203014 | Blade Carrier | 1 |
| 2 | 203027 | Blade | 3 |
| 3 | 203035 | Blade Pivot Bolt | 3 |
| 4 | 203030 | Blade Nut | 3 |
| NS | 203027H-KIT | Blade Replacement Kit with Hardware (includes Items 2 – 4) | 1 |

5. Parts

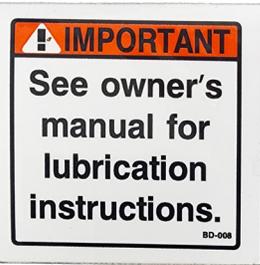
5.3 Direct Drive Assembly Components



| ITEM | PART NUMBER | DESCRIPTION | QTY |
|------|-------------|----------------------------------------------------|-----|
| 1 | BC75-SAE-C | Direct Drive Assembly | 1 |
| 2 | 203684 | Hydraulic Motor 130cc with Dual Integrated Reliefs | 1 |
| 3 | 203148-14 | Motor Flange Adapter | 1 |
| 4 | 299463-A | 1/2"-20 x 1 1/2" Allen Head Bolt Grade 8 | 4 |
| 5 | 299305 | 1/2"-13 x 1 3/8" Socket Head Bolt | 4 |
| 6 | 299470 | 3/4"-10 x 3 1/2" Hex Head Bolt Grade 8 | 8 |
| 7 | 299628 | 3/4"-10 Nylock Nut Grade 8 | 8 |
| 8 | 299856 | 0.188" x 3/4" x 1.265" Lock Washer Grade 8 | 8 |
| 9 | 203837 | Relief Valve Cartridge | 2 |
| NS | 203794 | Motor Seal Kit | 1 |

5. Parts

5.4 Safety Decals

- 1  A rectangular decal with an orange top bar containing a white warning triangle and the word "WARNING". Below the bar, the text "KEEP HANDS AND FEET AWAY" is centered in bold black letters. On either side of the text are black icons of a hand and a foot. The part number "BD-001" is in the bottom right corner.
- 2  A rectangular decal with a black border. At the top, it says "REGISTER YOUR PRODUCT NOW" in black. Below the text is a large QR code. The part number "BD-002" is in the bottom right corner.
- 3  The "BLUE DIAMOND" logo in a stylized, italicized font with a blue and white color scheme and a black outline. The part number "BD-036" is in the bottom right corner.
- 4  A rectangular decal with a red top bar containing a white icon of an open book. Below the bar, the text "READ OWNERS MANUAL BEFORE OPERATING" is centered in red. The part number "BD-001" is in the bottom right corner.
- 5  A rectangular decal with a yellow warning triangle on the left containing a black exclamation mark. To the right, the word "DANGER!" is written in large red letters. Below this, the text "DEBRIS DISCHARGE AREA STAY BACK 200 FEET" is centered in black. The part number "BD-001" is in the bottom right corner.
- 6  A diamond-shaped logo with a blue and white color scheme. The text "BLUE DIAMOND" is in the center in a stylized font, with "ATTACHMENTS" below it. The part number "BD-001" is in the bottom right corner.
- 7  A rectangular decal with a red top bar containing a white icon of a hand being struck by a high-pressure nozzle. To the right, the text "HIGH PRESSURE FLUID HAZARD" is written in red. Below the bar, the text "TO PREVENT SERIOUS INJURY OR DEATH" is centered in black, followed by a bulleted list: "RELIEVE PRESSURE ON SYSTEM BEFORE DISCONNECTING ADJUSTING REPAIRING", "WEAR PROPER EYE AND HAND PROTECTION", and "DO NOT USE HAND TO SEARCH FOR LEAKS". The part number "BD-007" is in the bottom right corner.
- 8  A rectangular decal with a yellow top bar containing a black warning triangle and the word "ATTENTION". Below the bar, the text "Disassembly of motor voids manufacturers warranty." is centered in black. The part number "BD-007" is in the bottom right corner.
- 9  A rectangular decal with a grey top bar containing a black warning triangle and the word "IMPORTANT". Below the bar, the text "See owner's manual for lubrication instructions." is centered in black. The part number "BD-008" is in the bottom right corner.
- 10  A rectangular decal with an orange top bar containing a white warning triangle and the word "WARNING". Below the bar, the text "Use over 24 GPMs will cause motor damage and possible serious injury" is centered in black. The part number "BD-093" is in the bottom right corner.
- 11  A rectangular decal with a red top bar containing a white warning triangle and the word "DANGER". Below the bar, the text "DO NOT OPERATE WITHOUT SAFETY CHAIN IN PLACE" is centered in large red letters. The part number "BD-075" is in the bottom right corner.
- 12  The slogan "BUILT STRONG. ATTACHED FOR LIFE." in large, bold, blue letters. The part number "BD-131" is in the bottom right corner.

5. Parts

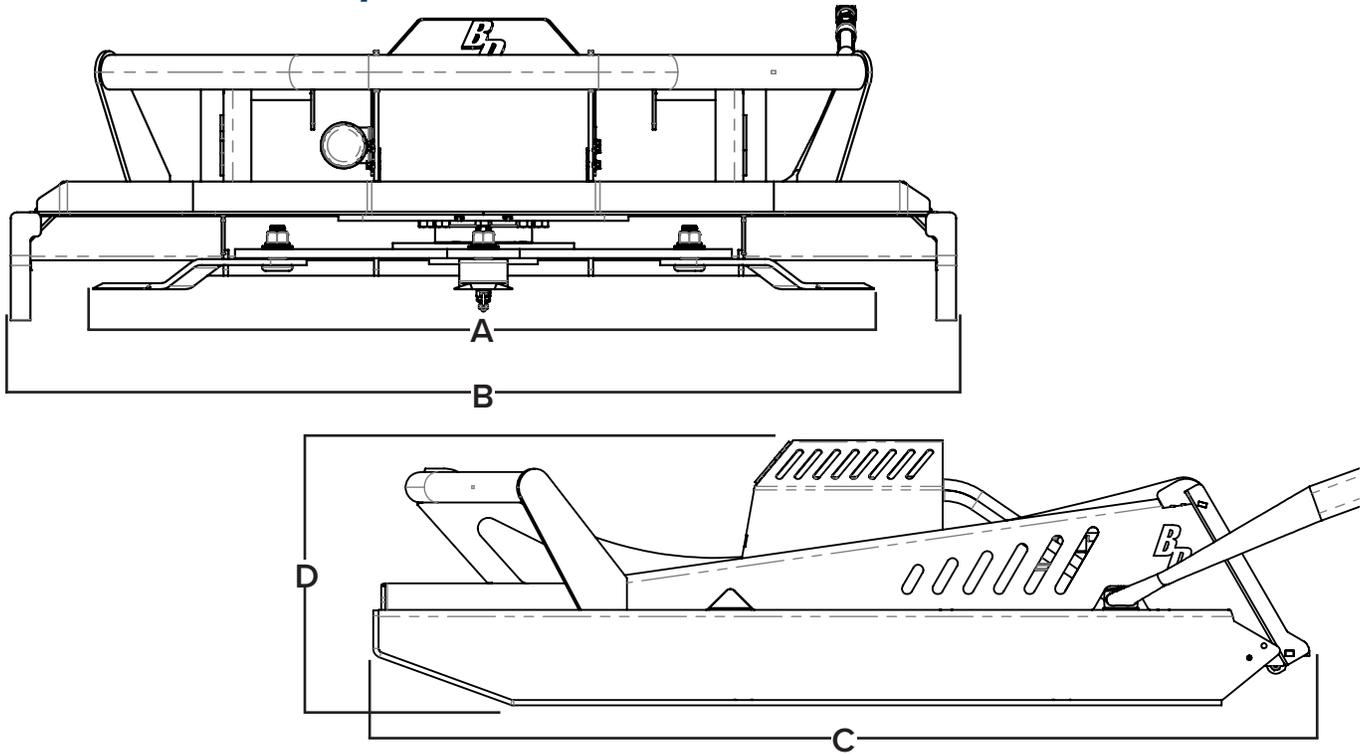
5.4 Safety Decals Cont'd

13 **BUILT STRONG. ATTACHED FOR LIFE.**

| ITEM | PART NUMBER | DESCRIPTION | QTY |
|------|-------------|-------------------------------------------------------------------|-----|
| 1 | BD-081 | 3" x 12" Decal, Warning Keep Hands and Feet Away | 4 |
| 2 | BD-092 | 1.5" x 2" Decal, Warranty Registration QR Code | 1 |
| 3 | BD-056 | 2" x 12" Decal, Blue Diamond | 2 |
| 4 | BD-001 | 3" x 3" Decal, Read Owners Manual | 1 |
| 5 | BD-055 | 3" x 12" Decal, Danger Debris Discharge Area Stay Back | 1 |
| 6 | BD-060 | 2.4375" x 3.375" Decal, Blue Diamond Attachments Diamond Shape | 2 |
| 7 | BD-007 | 3" x 4.75" Decal, High Pressure Fluid Hazard | 1 |
| 8 | BD-082 | 2" x 3" Decal, Attention Disassembly of Motor Voids Warranty | 1 |
| 9 | BD-008 | Decal, Important, See Owner's Manual for Lubrication Instructions | 1 |
| 10 | BD-093 | 2.5" x 4" Decal, Warning, Do Not Use Over 24 GPMs | 1 |
| 11 | BD-070 | Decal, Do Not Operate Without Safety Chain in Place | 1 |
| 12 | BD-131 | 2" Tall Decal, Tagline Double Line | 1 |
| 13 | BD-133 | 1" Tall Decal, Tagline Single Line | 1 |

6. Specifications

6.1 Attachment Specifications



| DESCRIPTION | 103011 |
|-------------------------|----------------------|
| Cutting Width (A) | 72 in. (1830 mm) |
| Overall Width (B) | 78 1/4 in. (1985 mm) |
| Length (C) | 88 1/4 in. (2240 mm) |
| Height (D) | 25 in. (635 mm) |
| Required Hydraulic Flow | 15 – 22 GPM |
| Cutting Capacity | 4 in. (100 mm) |
| Number of Blades | 3 |
| Blade Carrier Thickness | 3/4 in. (20 mm) |
| Maximum Horsepower | 75 HP |
| Maximum Pressure | 4000 PSI (275 bar) |
| Weight | 1370 lbs (621 kg) |

6. Specifications

6.2 Torque Specifications – Imperial

Standard Hardware and Lock Nuts

| BOLT TYPE | SAE GRADE 5 | | SAE GRADE 8 | | LOCK NUTS | | | |
|-----------|---------------------------|---------------------|---------------------------|---------------------|---------------------------|---------------------|-----------------|-----------------|
| | Plated or Unplated Silver | Plated W/ ZnCr Gold | Plated or Unplated Silver | Plated W/ ZnCr Gold | Plated or Unplated Silver | Plated W/ ZnCr Gold | W/ Grade 5 Bolt | W/ Grade 8 Bolt |
| 1/4 | 4.6 lbf•ft | 6.0 lbf•ft | 7.2 lbf•ft | 9.3 lbf•ft | 10.0 lbf•ft | 13.1 lbf•ft | 5.1 lbf•ft | 7.2 lbf•ft |
| | 6.2 N•m | 8.1 N•m | 9.7 N•m | 12.6 N•m | 13.6 N•m | 17.7 N•m | 6.9 N•m | 9.8 N•m |
| 5/16 | 9.6 lbf•ft | 12.5 lbf•ft | 14.8 lbf•ft | 19.2 lbf•ft | 20.7 lbf•ft | 27.3 lbf•ft | 10.3 lbf•ft | 14.8 lbf•ft |
| | 13 N•m | 17 N•m | 20 N•m | 26 N•m | 28 N•m | 37 N•m | 14 N•m | 20 N•m |
| 3/8 | 17 lbf•ft | 22 lbf•ft | 26 lbf•ft | 34 lbf•ft | 37 lbf•ft | 48 lbf•ft | 19 lbf•ft | 26 lbf•ft |
| | 23 N•m | 30 N•m | 35 N•m | 46 N•m | 50 N•m | 65 N•m | 26 N•m | 35 N•m |
| 7/16 | 27 lbf•ft | 35 lbf•ft | 42 lbf•ft | 54 lbf•ft | 59 lbf•ft | 77 lbf•ft | 30 lbf•ft | 42 lbf•ft |
| | 37 N•m | 47 N•m | 57 N•m | 73 N•m | 80 N•m | 104 N•m | 41 N•m | 57 N•m |
| 1/2 | 42 lbf•ft | 54 lbf•ft | 64 lbf•ft | 83 lbf•ft | 91 lbf•ft | 117 lbf•ft | 45 lbf•ft | 65 lbf•ft |
| | 57 N•m | 73 N•m | 87 N•m | 113 N•m | 123 N•m | 159 N•m | 61 N•m | 88 N•m |
| 9/16 | 60 lbf•ft | 77 lbf•ft | 92 lbf•ft | 120 lbf•ft | 130 lbf•ft | 169 lbf•ft | 65 lbf•ft | 92 lbf•ft |
| | 81 N•m | 104 N•m | 125 N•m | 163 N•m | 176 N•m | 229 N•m | 88 N•m | 125 N•m |
| 5/8 | 83 lbf•ft | 107 lbf•ft | 128 lbf•ft | 165 lbf•ft | 180 lbf•ft | 233 lbf•ft | 90 lbf•ft | 127 lbf•ft |
| | 112 N•m | 145 N•m | 174 N•m | 224 N•m | 244 N•m | 316 N•m | 122 N•m | 172 N•m |
| 3/4 | 146 lbf•ft | 189 lbf•ft | 226 lbf•ft | 293 lbf•ft | 319 lbf•ft | 413 lbf•ft | 160 lbf•ft | 226 lbf•ft |
| | 198 N•m | 256 N•m | 306 N•m | 397 N•m | 432 N•m | 560 N•m | 217 N•m | 306 N•m |
| 7/8 | 142 lbf•ft | 183 lbf•ft | 365 lbf•ft | 473 lbf•ft | 515 lbf•ft | 667 lbf•ft | 258 lbf•ft | 364 lbf•ft |
| | 193 N•m | 248 N•m | 495 N•m | 641 N•m | 698 N•m | 904 N•m | 350 N•m | 494 N•m |
| 1 | 213 lbf•ft | 275 lbf•ft | 547 lbf•ft | 708 lbf•ft | 773 lbf•ft | 1000 lbf•ft | 386 lbf•ft | 545 lbf•ft |
| | 289 N•m | 373 N•m | 742 N•m | 960 N•m | 1048 N•m | 1356 N•m | 523 N•m | 739 N•m |

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Warranty

MANUFACTURER'S LIMITED WARRANTY

BLUE DIAMOND® ATTACHMENTS, a manufacturer of quality attachments, warrants new BLUE DIAMOND® ATTACHMENTS products and/or attachments at the time of delivery to the original purchaser, to be free from defects in material and workmanship when properly set up and operated in accordance with the recommendations set forth by BLUE DIAMOND® ATTACHMENTS, LLC.

BLUE DIAMOND® ATTACHMENTS liability for any defect with respect to accepted goods shall be limited to repairing the goods at a BLUE DIAMOND® ATTACHMENTS designated location or at an authorized dealer location, or replacing them, as BLUE DIAMOND® ATTACHMENTS shall elect. The above shall be in accordance with BLUE DIAMOND® ATTACHMENTS warranty adjustment policies. BLUE DIAMOND® ATTACHMENTS obligation shall terminate twelve (12) months for the Heavy Duty Series 3 Open Front Brush Cutter after the delivery of the goods to original purchaser.

This warranty shall not apply to any machine or attachment which shall have been repaired or altered outside the BLUE DIAMOND® ATTACHMENTS factory or authorized BLUE DIAMOND® ATTACHMENTS dealership or in any way so as in BLUE DIAMOND® ATTACHMENTS judgment, to affect its stability or reliability, nor which has been subject to misuse, negligence or accident beyond the company recommended machine rated capacity.

WARRANTY CLAIM

To submit a warranty claim, a claim must be filed with BLUE DIAMOND® ATTACHMENTS before work is performed. The BLUE DIAMOND® PRODUCT SUPPORT TEAM will advise repairs and applicable parts exchanges. Tampering with the failed part may void the warranty. This warranty does not include freight or delivery charges incurred when returning machinery for servicing. Dealer mileage, service calls, and pickup/delivery charges are the customers' responsibility.

EXCLUSIONS OF WARRANTY

Except as otherwise expressly stated herein, BLUE DIAMOND® ATTACHMENTS makes no representation or warranty of any kind, expressed or implied, AND MAKES NO WARRANTY OF MERCHANTABILITY IN RESPECT TO ITS MACHINERY AND/OR ATTACHMENTS ARE FIT FOR ANY PARTICULAR PURPOSE. BLUE DIAMOND® ATTACHMENTS shall not be liable for incidental or consequential damages for any breach or warranty, including but not limited to inconvenience, rental of replacement equipment, loss of profits or other commercial loss. Upon purchase, the buyer assumes all liability for all personal injury and property resulting from the handling, possession, or use of the goods by the buyer.

No agent, employee, or representative of BLUE DIAMOND® ATTACHMENTS has any authority to bind BLUE DIAMOND® ATTACHMENTS to any affirmation, representation, or warranty concerning its machinery and/or attachments except as specifically set forth herein.

This warranty policy supersedes any previous documents. Please see bluediamondattachments.com/warranty-policies for the most up to date warranty information.

NOTE: Blue Diamond® Attachments is a trademark of BLUE DIAMOND® ATTACHMENTS



QUALITY | DEPENDABILITY | INTEGRITY

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888-376-7027