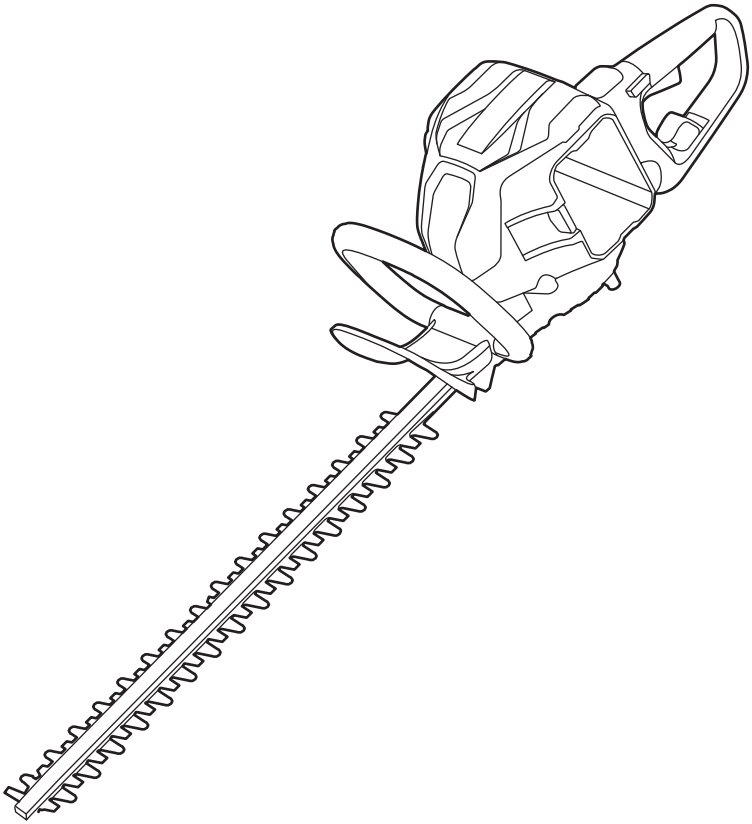
MODEL NO. / N.º MODELO
HT80B120A24

EN HEDGE TRIMMER OPERATOR MANUAL

ES CORTADOR DE SETOS MANUAL DEL OPERADOR



PART NO. / N.º PIEZA
088-7661-00

badboymowers.com

English

EN

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1 INTRODUCTION

1.1 PRODUCT DESCRIPTION

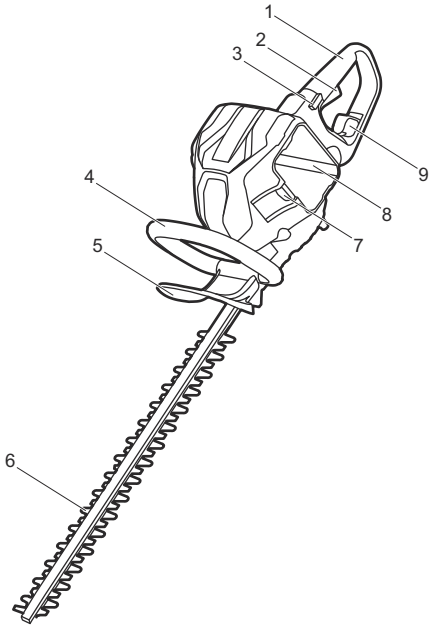
This product is a battery-operated hedge trimmer with an electric motor.

We are committed to continuously improving our products, and reserve the right to modify the design and appearance without prior notice.

1.2 INTENDED USE

Use the product to cut branches and twigs. Do not use the product for other tasks.

1.3 PRODUCT OVERVIEW



1 Rear handle
2 Trigger
3 Safety lock button
4 Front handle
5 Guard
6 Blades
7 Battery release button
8 Battery compartment
9 Handle rotation latch

1.4 SYMBOLS ON THE PRODUCT

Symbol	Explanation
	Important safety precautions.
	To reduce the risk of injury, user must read instruction manual.
	Wear eye and ear protection.
	Do not expose to rain.
	Keep hands away from blade.

1.5 CALIFORNIA PROPOSITION 65

⚠ WARNING

THIS PRODUCT CONTAINS OR EMITS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

2 SAFETY

2.1 SAFETY DEFINITIONS

Warnings, cautions, and notes are used to point out especially important parts of the manual.

⚠ WARNING

THERE IS A RISK OF INJURY OR DEATH FOR THE OPERATOR OR BYSTANDERS, IF THE INSTRUCTIONS IN THE MANUAL ARE NOT OBEYED.

⚠ CAUTION

THERE IS A RISK OF DAMAGE TO THE PRODUCT, OTHER MATERIALS, OR THE ADJACENT AREA, IF THE INSTRUCTIONS IN THE MANUAL ARE NOT OBEYED.

Note: *Used to give more information that is necessary in a given situation.*

2.2 GENERAL PRODUCT SAFETY WARNINGS

⚠ WARNING

Read all safety warnings, instructions, illustrations, and specifications provided with this product. *Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.*

Save all warnings and instructions for future reference.

The term "product" in the warnings refers to your mains-operated (corded) product or battery-operated (cordless) product.

2.2.1 WORK AREA SAFETY

- **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- **Do not operate products in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** *Products create sparks which may ignite the dust or fumes.*
- **Keep children and bystanders away while operating a product.** *Distractions can cause you to lose control.*

2.2.2 ELECTRICAL SAFETY

- **Product plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) products.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
- **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges, and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*
- **Do not expose products to rain or wet conditions.** *Water entering a product will increase the risk of electric shock.*
- **Do not abuse the cord. Never use the cord for carrying, pulling, or unplugging the product. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
- **When operating a product outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- **If operating a product in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

2.2.3 PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating a product. Do not use a product while you are tired or under the influence of drugs, alcohol, or medication.** *A moment of inattention while operating products may result in serious personal injury.*
- **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*
- **Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery, picking up or carrying the product.** *Carrying products with your finger on the switch or energizing products that have the switch on invites accidents.*
- **Remove any adjusting key or wrench before turning the product on.** *A wrench or a key left attached to a rotating part of the product may result in personal injury.*
- **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the product in unexpected situations.*
- **Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.** *Loose clothes, jewelry or long hair can be caught in moving parts.*
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*
- **Do not let familiarity gained from frequent use of products allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*

2.2.4 PRODUCT USE AND CARE

- **Do not force the product. Use the correct product for your application.** *The correct product will do the job better and safer at the rate for which it was designed.*
- **Do not use the product if the switch does not turn it on and off.** *Any product that cannot be controlled with the switch is dangerous and must be repaired.*
- **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the product before making any adjustments, changing accessories, or storing products.** *Such preventive safety measures reduce the risk of starting the product accidentally.*
- **Store idle products out of the reach of children and do not allow persons unfamiliar with the product or these instructions to operate the product.** *products are dangerous in the hands of untrained users.*
- **Maintain products and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the product's operation. If damaged, have the product repaired before use.** *Many accidents are caused by poorly maintained products.*
- **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*

- **Use the product, accessories, and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the product for operations different from those intended could result in a hazardous situation.*
- **Keep handles and grasping surfaces dry, clean, and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

2.2.5 BATTERY TOOL USE AND CARE

- **Recharge only with the charger specified by the manufacturer.** *A charger that is suitable for one type of battery may create a risk of fire when used with another battery.*
- **Use machines only with specifically designated batteries.** *Use of any other batteries may create a risk of injury and fire.*
- **When battery is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or other small metal objects, that can make a connection from one terminal to another.** *Shorting the battery terminals together may cause burns or a fire.*
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** *Liquid ejected from the battery may cause irritation or burns.*
- **Do not use a battery or product that is damaged or modified.** *Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.*
- **Do not expose a battery or product to fire or excessive temperature.** *Exposure to fire or temperature above 130 °C (265 °F) may cause explosion.*
- **Follow all charging instructions and do not charge the battery or product outside the temperature range specified in the instructions.** *Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.*

2.2.6 SERVICE

- **Have your product serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the product is maintained.*
- **Never service damaged batteries.** *Service of batteries should only be performed by the manufacturer or authorized service providers.*

2.2.7 HEDGE TRIMMER SAFETY WARNINGS

- **Do not use the hedge trimmer in bad weather conditions, especially when there is a risk of lightning.** *This decreases the risk of being struck by lightning.*
- **Keep all power cords and cables away from cutting area.** *Power cords or cables may be hidden in hedges or bushes and can be accidentally cut by the blade.*
- **Wear ear protection.** *Adequate protective equipment will reduce the risk of hearing loss.*
- **Hold the hedge trimmer by insulated gripping surfaces only, because the blade may contact hidden wiring.** *Blades contacting a "live" wire may make exposed metal parts of the hedge trimmer "live" and could give the operator an electric shock.*
- **Keep all parts of the body away from the blade. Do not remove cut material or hold material to be cut when blades are moving.** *Blades continue to move after the switch is turned off. A moment of inattention while operating the hedge trimmer may result in serious personal injury.*
- **When clearing jammed material or servicing the hedge trimmer, make sure all power switches are off and the battery is removed or disconnected.** *Unexpected actuation of the hedge trimmer while clearing jammed material or servicing may result in serious personal injury.*
- **Carry the hedge trimmer by the handle with the blade stopped and taking care not to operate any power switch.** *Proper carrying of the hedge trimmer will decrease the risk of inadvertent starting and resultant personal injury from the blades.*
- **When transporting or storing the hedge trimmer, always use the blade cover.** *Proper handling of the hedge trimmer will decrease the risk of personal injury from the blades.*

3 OPERATION

This section describes how to operate the product.

⚠ WARNING

CAREFULLY READ AND UNDERSTAND THE SAFETY CHAPTER AND OPERATION INSTRUCTIONS BEFORE YOU OPERATE THE PRODUCT.

3.1 BEFORE YOU USE THE PRODUCT

3.1.1 CONNECT THE BATTERY CHARGER

Connect the battery charger to the proper voltage and frequency that is specified on the rating plate.

Refer to the Battery Charger Operator Manual for information about how to use the battery charger.

3.1.2 CHARGE THE BATTERY

Refer to the Battery Charger Operator Manual for information about how to use the battery charger.

3.1.3 BATTERY INFORMATION

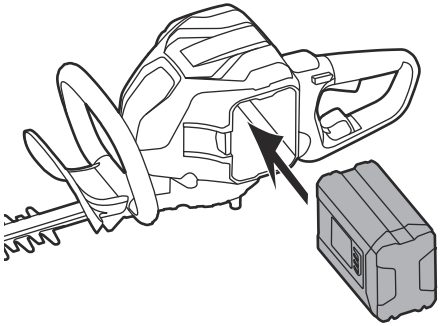
Refer to the Battery Operator Manual for information about how to use the battery.

3.1.4 CONNECT THE BATTERY TO THE PRODUCT

⚠ WARNING

ONLY USE BAD BOY ORIGINAL BATTERIES WITH THE PRODUCT.

1. Make sure that the battery is fully charged.
2. Push the battery into the battery compartment. The battery locks into position when you hear a click.



⚠ CAUTION

If the battery does not move easily into the battery compartment, it may not be installed correctly, which can cause damage to the battery and/or the product.

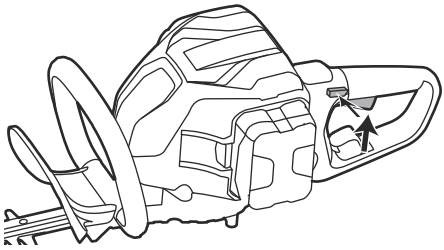
3. Make sure that the battery is installed correctly.

3.2 START THE PRODUCT

1. Press the safety lock button.
2. Press the trigger while you hold the safety lock button.
3. Release the safety lock button.

⚠ WARNING

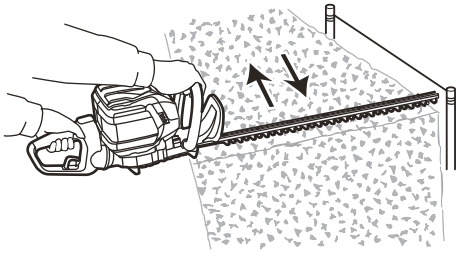
Always hold the product with both hands during operation.



3.3 OPERATE THE PRODUCT

3.3.1 TOP CUTTING

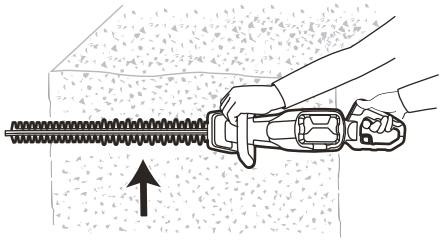
1. Hold the trimmer with both hands and use a wide sweeping motion.
2. Tie a string at the desired height and trim along it.



3. Exercise caution and operate the trimmer slowly.

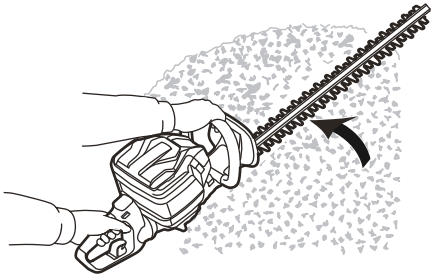
3.3.2 SIDE CUTTING

1. To ensure even cutting of a hedge side, trim from the bottom to the top.



3.3.3 ROUND CUTTING

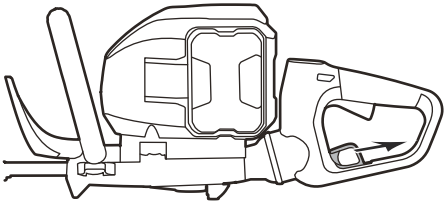
1. To achieve uniformity, trim the plant from the base or root upwards to the top.



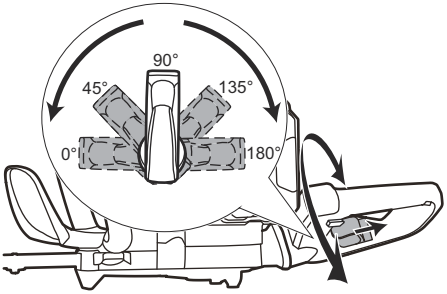
3.4 ROTATE THE REAR HANDLE

The rear handle offers 5 adjustable positions and can rotate 180°.

1. Pull the handle rotation latch to rotate the handle.

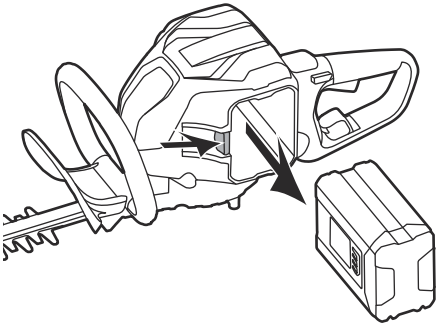


2. Rotate the rear handle until you hear a click, indicating that it has securely locked into position.



3.5 STOP THE PRODUCT

1. Release the trigger until blades completely stop moving.
2. Push and hold the battery release button.
3. Remove the battery from the product to fully stop its operation.



4 MAINTENANCE

i IMPORTANT

Carefully read and understand the safety regulations and the maintenance instructions before you clean, repair, or do any maintenance on the product (Reference Safety regulations and maintenance instructions).

⚠ WARNING

- **REMOVE BATTERY OR BATTERIES FROM THE PRODUCT BEFORE YOU DO ANY MAINTENANCE.**
- **FAILURE TO FOLLOW PROPER MAINTENANCE SERVICE, USING THIRD-PARTY REPLACEMENT PARTS, OR MODIFYING/REMOVING COMPONENTS CAN RESULT IN INJURY TO THE USER.**

4.1 MAINTENANCE SCHEDULE

The following is a list of the maintenance steps that must be performed on the product.

Maintenance	Before use	Weekly	Monthly
Clean the external parts of the product.	X		
To ensure safe operation, verify that the trigger and front handle safety switch are functioning correctly.	X		
Make sure that all controls are in working order and are not damaged.	X		
Inspect the blade and blade guard for signs of damage, such as cracks. Replace the blade or the blade guard if they have cracks or if they have been exposed to impact.	X		
Replace the blade if it is bent or damaged.	X		
Inspect the hand guard for signs of damage, such as cracks. Replace the guard if it is damaged.	X		
Make sure that the screws and nuts are tight.	X		
Make sure that the battery is not damaged.	X		
Make sure that the battery is charged.	X		
Make sure that the battery charger is not damaged.	X		
Make sure that the screws holding the blades together are properly tightened.		X	
Perform a thorough check of the connection between the battery and the product. Additionally, examine the connection between the battery and the battery charger.			X

4.2 EXAMINE THE BLADES

1. Before and after each use, clean the blades using an anti-corrosion cleaning agent to remove any unwanted materials.
2. Inspect the edges of the blade for any signs of damage or deformation.
3. Use a file to eliminate any burrs on the blade.
4. Ensure that there are no obstacles impeding the movement of the blades.

4.3 CLEAN AND LUBRICATE THE BLADES

1. Clean the blades from unwanted materials before and after each use.
2. Lubricate the blades before storing for extended periods of time.

Note: *Consult your nearest service center for more information about recommended cleaning agents and lubricants.*

4.4 EXAMINE THE BATTERY AND THE BATTERY CHARGER

Carefully inspect the battery, battery charger, and connection cord of the battery charger for any signs of damage, such as cracks or broken parts. Replace if necessary.

4.5 CLEAN THE PRODUCT

⚠ CAUTION

- Keep water away from battery compartment while washing to avoid damaging the electrical components.
- DO NOT clean with alcohol, gasoline, acetone, or other corrosive/volatile solvents. These substances may damage the external and internal structure of your product.
- DO NOT rub with sandpaper or metal brush.

Clean the product after each use with water, neutral detergent, and a soft cloth.

4.6 CLEAN THE BATTERY AND BATTERY CHARGER

⚠ WARNING
DO NOT clean the battery or the battery charger with water.

- Make sure that the battery and the battery charger are clean and dry before you insert the battery into the battery charger.
- Clean the battery terminals with a soft and dry cloth.
- Clean the surface of the battery and the battery charger with a soft and dry cloth.

5 TRANSPORTATION, STORAGE AND DISPOSAL

5.1 TRANSPORTATION

- Any removable (electronic) parts, such as the charger and battery, should always be disconnected before transport.
- Avoid transporting the product in bad weather conditions when possible.
- Make sure to adequately cover any exposed electronic parts if transportation in adverse weather conditions is unavoidable.
- Use tape on open contacts of the battery and ensure it is securely stowed to prevent movement.
- High speeds, along with wind, and rain may force moisture into the electronic components, which can lead to temporary malfunctions or permanent defects.
- In case of malfunction occurring after transport in such conditions, remove the battery and allow all parts to air-dry when you reach your destination.

5.2 STORAGE

If the product is left unused for an extended period, proper storage maintenance is required.

- Store the product locked up to prevent unauthorized use or damage.
- Store the product in a dry, well-ventilated area.
- Store the product out of the reach of children.

5.3 DISPOSAL OF THE BATTERY, BATTERY CHARGER, AND PRODUCT

Symbols on the product or the package of the product mean that the product is not domestic waste. Recycle it at a recycling station for electrical and electronic equipment. This helps to prevent damage to the environment and persons.

Get in touch with your local authorities, domestic waste service, or your dealer for more information about how to recycle your product.

6 TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	POSSIBLE ACTION
The motor does not start when you pull the trigger.	The battery is not installed correctly.	Make sure that you correctly install the battery in the product.
	The battery is out of power.	Charge the battery.
The product releases smoke during operation.	The product has sustained damage.	1. Immediately stop the product. 2. Remove the battery. 3. Consult your nearest service center.
The motor is on, but the blades do not move.	The product has sustained damage.	Do not use the product. Consult your nearest service center.
	The blades are blocked.	Remove battery then clear blockage from the blades.
Excessive noise and/ or vibration during operation.	The screw and nuts are not properly tightened.	1. Stop the product. 2. Remove the battery. 3. Inspect for damage. 4. Check and tighten loose screws and nuts.
	The product has sustained damage.	Do not use the product. Consult your nearest service center.

7 TECHNICAL DATA

Voltage	80 V
Blade speed	3400(±10%) min $^{-1}$
Blade length	24" (610 mm)
Cutting capacity	3/4" (19 mm)
Battery model	BAT80V20A and other BAT 80V series
Charger model	CHA180V2A and other CHA 80V series

The recommended ambient temperature ranges:

Situation	Temperature
Product storage	32 ˚F (0 ˚C) ~ 113 ˚F (45 ˚C)
Product operation	32 ˚F (0 ˚C) ~ 113 ˚F (45 ˚C)
Battery charging	39 ˚F (4 °C) ~ 104 ˚F (40 ˚C)
Charger operation	39 ˚F (4 °C) ~ 104 ˚F (40 ˚C)
Battery storage	32 ˚F (0 ˚C) ~ 113 ˚F (45 ˚C)
Battery discharging	32 °F (0 °C) ~ 113 °F (45 °C)

8 LIMITED WARRANTY



BAD BOY hereby warranties this product, to the original purchaser with proof of purchase, for a period of four (4) years against defects in materials, parts or workmanship. BAD BOY, at its own discretion will repair or replace any and all parts found to be defective, through normal use, free of charge to the customer. This warranty is valid only for units which have been used for personal use that have not been hired or rented for industrial/commercial use, and that have been maintained in accordance with the instructions in the owners' manual supplied with the product from new.

ITEMS NOT COVERED BY WARRANTY:

1. Any part that has become inoperative due to misuse, commercial use, abuse, neglect, accident, improper maintenance, or alteration; or
2. The unit, if it has not been operated and/or maintained in accordance with the owner's manual; or
3. Normal wear;
4. Routine maintenance items such as lubricants, blade sharpening;

5. Normal deterioration of the exterior finish due to use or exposure.

HELPLINE:

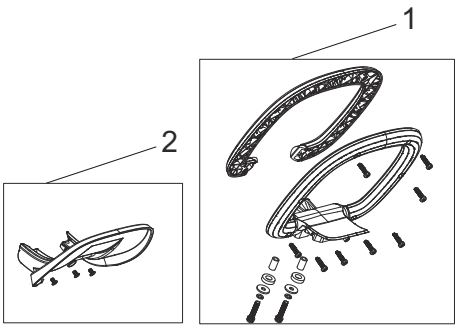
Warranty service is available by calling our toll-free helpline, at 888-227-9443.

TRANSPORTATION CHARGES:

Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. It is the purchaser's responsibility to pay transportation charges for any part submitted for replacement under this warranty unless such return is requested in writing by BAD BOY.

Company name:	Bad Boy, Inc.
Address:	102 Industrial Drive
	Batesville, Arkansas 72501

9 EXPLODED VIEW



No.	Part No.	Qty	Description
1	RB341011652	1	Auxiliary handle assembly
2	RB34110897V	1	Guard

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