



**T3000 (with battery and charger)**  
**T3000W (without battery and charger)**  
**CORDLESS GRASS TRIMMERS**

*Instruction Manual*

**⚠ WARNING**

**Burn Hazard**



*The gear case and surrounding area may become extremely hot. Always keep clear of gear case area, otherwise serious personal injury may occur.*

**⚠ WARNING**

*Some of the dust created by this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.*

**⚠ WARNING**



*Users of this equipment risk injury to themselves and others if the unit is used improperly and/or safety precautions are not followed. ECHO provides an instruction manual. It must be read and understood for proper and safe operation. Failure to do so could result in serious injury.*

Specifications, descriptions and illustrative material in this literature are as accurate as known at the time of publication, but are subject to change without notice. Illustrations may include optional equipment and accessories, and may not include all standard equipment.

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## INTRODUCTION

Welcome to the Shindaiwa family. This Shindaiwa product was designed and manufactured to provide long life and on-the-job dependability. Read and understand this manual. You will find this manual both easy to use and full of helpful operating tips and SAFETY messages.

### The Instruction Manual

Keep it in a safe place for future reference. Contains specifications and information for safety, operation, maintenance, storage, and assembly specific to this product.

## SERVICING INFORMATION

### Parts/Serial Number

Genuine Shindaiwa Parts and Assemblies for your Shindaiwa products are available only from an Authorized Shindaiwa Dealer. When you do need to buy parts **always** have the Model Number and Serial Number of the unit with you. You can find these numbers on the housing. For future reference, write them in the space provided below.

Model No. \_\_\_\_\_ SN. \_\_\_\_\_



### Service

Service of this product during the warranty period must be performed by an authorized Shindaiwa servicing dealer. For the name and address of the authorized Shindaiwa servicing dealer nearest you, ask your retailer or call: 1-877-986-7783. Dealer information is also available on our Web Site. When presenting your unit for Warranty service/repairs, proof of purchase is required.

### Shindaiwa Consumer Product Support

If you require assistance or have questions concerning the application, operation or maintenance of this product you may call the Shindaiwa Consumer Product Support Department at 1-877-986-7783 from 8:00 am to 5:00 pm (Central Standard Time) Monday through Friday. Before calling, please know the model and serial number of your unit.

### Warranty Registration

To ensure trouble-free warranty coverage it is important that you register your Shindaiwa equipment on-line at [www.Shindaiwa-USA.com](http://www.Shindaiwa-USA.com) or by filling out the warranty registration sheet in this manual. Registering your product confirms your warranty coverage and provides a direct link between you and Shindaiwa if we find it necessary to contact you.

### Additional or Replacement Manuals

**Replacement Instruction and Parts Catalogs** are available from your authorized Shindaiwa dealer or at [www.Shindaiwa-USA.com](http://www.Shindaiwa-USA.com) or by contacting ECHO Inc., 400 Oakwood Road, Lake Zurich, IL 60047 (1-877-986-7783). Always check the Shindaiwa Web Site for updated information.

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## SAFETY

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### IMPORTANT SAFETY INSTRUCTIONS

#### Manual Safety Symbols and Important Information

Throughout this manual and on the product itself, you will find safety alerts and helpful, informational messages preceded by symbols or key words. The following is an explanation of those symbols and key words and what they mean to you.

#### **DANGER**

*The safety alert symbol accompanied by the word “DANGER” calls attention to an act or condition which WILL lead to serious personal injury or death if not avoided.*

#### **WARNING**

*The safety alert symbol accompanied by the word “WARNING” calls attention to an act or condition which CAN lead to serious personal injury or death if not avoided.*

#### **CAUTION**

*The safety alert symbol accompanied by the word “CAUTION” calls attention to an act or condition which may lead to minor or moderate personal injury if not avoided.*

#### **NOTICE**

*The enclosed message provides information necessary for the protection of the unit.*

Note: This enclosed message provides tips for use, care and maintenance of the unit.



#### CIRCLE AND SLASH SYMBOL

This symbol means the specific action shown is prohibited. Ignoring these prohibitions can result in serious or fatal injury.

### International Symbols

Symbol	Description	Symbol	Description	Symbol	Description	Symbol	Description
	Read Instruction Manual		Operate Only with Debris Shield in Place		Fire Hazard, Risk of Explosion or Burns		Power ON / OFF
	Wear Head, Eye, and Hearing Protection		Finger Sever Hazard		Check Charger's Power Supply and Plug for Damage		Metal Blade Prohibition (Use Nylon Line Head Only)
	Wear Hand and Foot Protection		DO NOT Use in Rain; Protect from Fluids		Remove Battery from Trimmer When Not in Use		Recycle Battery at an accredited RBRC recycling center.
	Safety Alert Symbol		DO NOT Throw Electrical Appliances in Garbage		Flying Debris Hazard		
	Burn Hazard Alert		DO NOT Subject Battery to Temperatures Above 140°F (60°C)		Recycle Electrical Appliances		
		Keep bystanders and helpers away 15 m (50 ft.).					

### Important Information - Read All Instructions

## ! WARNING

*When using this unit, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury.*

- Before assembling, operating, or servicing your unit, you must read and understand this Instruction Manual.
- You must understand all safety symbols and warning labels, and obey the safety precautions provided by these important safety reminders.
- You must also be alert at all times, and be physically capable of handling and controlling the grass trimmer in a variety of applications.
- If you are unable to handle the equipment safely, or if you feel that the task you wish to perform could put you, your property, or others at risk, please call a professional landscape maintenance company to handle the job.

## **SAVE THESE INSTRUCTIONS**

## Personal Condition and Safety Equipment

### **WARNING**

*Users of this product risk injury to themselves and others if the unit is used improperly and/or safety precautions are not followed. Proper clothing and safety gear must be worn when operating unit.*

#### Physical Condition

Your judgment and physical dexterity may not be good:

- If you are tired or sick.
- If you are taking medication.
- If you have taken alcohol or drugs.

Operate unit only if you are physically and mentally well.

#### Eye Protection

### **WARNING**

- **Eye protection that meets ANSI Z87.1 or CE requirements must be worn whenever you operate the unit.**
- **For additional safety, a full-face shield may be worn over safety glasses or goggles to provide protection from sharp branches or flying debris.**

#### Hand Protection

Wear sturdy, no-slip, rubber work gloves to improve your grip on the handles. Gloves also provide protection against cuts and scratches, cold environments, and reduce the transmission of machine vibration to your hands.

#### Hearing/Ear Protection

ECHO recommends wearing hearing protection whenever unit is used.

#### Breathing Protection

Operators who are sensitive to dust or other common airborne allergens may need to wear a dust mask to prevent inhaling these materials while operating unit. Dust masks can provide protection against dust, plant debris, and other plant matter such as pollen. Make sure the mask does not impair your vision, and replace the mask as needed to prevent air restrictions.

#### Proper Clothing

Wear snug-fitting, durable clothing:

- Pants should have long legs, shirts should have long sleeves.
- DO NOT WEAR SHORTS.
- DO NOT WEAR TIES, SCARVES, JEWELRY, or clothing with loose or hanging items that could become entangled in moving parts or surrounding growth.
- Keep clothing buttoned or zipped, and keep shirt tails tucked in.

Wear sturdy work shoes with nonskid rubber soles:

- DO NOT WEAR OPEN TOED SHOES.

- DO NOT OPERATE UNIT BAREFOOTED.

Keep long hair away from moving parts. Retain hair with cap or net.

Heavy protective clothing can increase operator fatigue, which may lead to heat stroke. Schedule heavy work for early morning or late afternoon hours when temperatures are cooler.

## WARNING

***The components of this machine generate an electromagnetic field during operation, which may interfere with some pacemakers. To reduce the risk of serious or fatal injury, persons with pacemakers should consult with their physician and the pacemaker manufacturer before operating this machine. In the absence of such information, ECHO does not recommend the use of Shindaiwa products by anyone who has a pacemaker.***

### Extended Operation / Extreme Conditions

## CAUTION

***Prolonged exposure to cold and/or vibration may result in injury. Read and follow all safety and operation instructions to minimize risk of injury. Failure to follow instructions may result in painful wrist/hand/arm injuries.***

It is believed that a condition called Raynaud's Phenomenon, which affects the fingers of certain individuals, may be brought about by exposure to vibration and cold. Exposure to vibration and cold may cause tingling and burning sensations, followed by loss of color and numbness in the fingers. The following precautions are strongly recommended, because the minimum exposure, which might trigger the ailment, is unknown.

- Keep your body warm, especially the head, neck, feet, ankles, hands, and wrists.
- Maintain good blood circulation by performing vigorous arm exercises during frequent work breaks, and also by not smoking.
- Limit the hours of operation. Try to fill each day with jobs where operating the unit or other hand-held power equipment is not required.
- If you experience discomfort, redness, and swelling of the fingers followed by whitening and loss of feeling, consult your physician before further exposing yourself to cold and vibration.

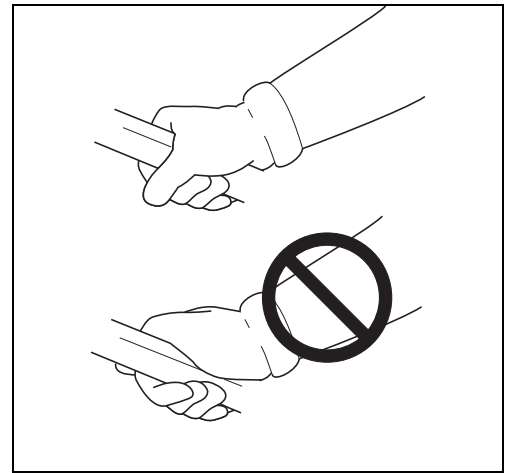


### Repetitive Stress Injuries (RSI)

It is believed that overusing the muscles and tendons of the fingers, hands, arms, and shoulders may cause soreness, swelling, numbness, weakness, and extreme pain in those areas. Certain repetitive hand activities may put you at a high risk for developing a Repetitive Stress Injury (RSI). An extreme RSI condition is Carpal Tunnel Syndrome (CTS), which could occur when your wrist swells and squeezes a vital nerve that runs through the area. Some believe that prolonged exposure to vibration may contribute to CTS. CTS can cause severe pain for months or even years.

To reduce the risk of RSI/CTS, do the following:

- Avoid using your wrist in a bent, extended, or twisted position. Instead try to maintain a straight wrist position. Also, when grasping, use your whole hand, not just the thumb and index finger.
- Take periodic breaks to minimize repetition and rest your hands.
- Reduce the speed and force with which you do the repetitive movement.
- Do exercise to strengthen the hand and arm muscles.
- Immediately stop using all power equipment and consult a doctor if you feel tingling, numbness, or pain in the fingers, hands, wrists, or arms. The sooner RSI/CTS is diagnosed, the more likely permanent nerve and muscle damage can be prevented.



## ⚠ DANGER

***All over head electrical conductors and communications wires can have electricity flow with high voltages. This unit is not insulated against electrical current. Never touch wires directly or indirectly, otherwise serious injury or death may result.***

### Read the Manual

Provide all users of this equipment with the Instruction Manual for instructions on safe operation.

### Keep a Firm Grip

Always hold throttle handle and support handle with thumbs and fingers tightly encircling the handles.

### Keep a Solid Stance

Maintain footing and balance at all times. DO NOT stand on slippery, uneven, or unstable surfaces. DO NOT work in odd positions or on ladders. DO NOT over reach.

### Avoid Hot Surfaces

Avoid contact during and immediately after operation.



For more information scan this QR code.



## Equipment

### NOTICE

*Avoid unnecessary impact and abusive treatment. Unit contains electronic components.*

### WARNING

- *Avoid Dangerous Environment – DO NOT use unit in damp or wet locations.*
- *DO NOT use unit in the rain.*

### WARNING

*Keep Children Away – All visitors should be kept at a distance from work area.*

### WARNING

*Use Correct Unit – Use unit only for its intended purpose. Do not use unit as an edger.*

### WARNING

*DO NOT Force Unit – It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.*

### WARNING

*Use only SHINDAIWA attachments. Serious injury may result from the use of a non-approved attachment combination. ECHO, INC. will not be responsible for the failure of cutting devices, attachments, or accessories which have not been tested and approved by ECHO. Read and comply with all safety instructions listed in this manual.*

### WARNING

- *Moving parts can amputate fingers or cause severe injuries. Keep hands, clothing, and loose objects away from all openings.*
- *ALWAYS turn power to unit off, remove battery, and make sure all moving parts have come to a complete stop before removing obstructions, clearing debris, cleaning, or servicing unit.*
- *Avoid Unintentional Starting – DO NOT carry unit with the power indicator LED illuminated. Be sure power indicator LED is off when carrying the unit.*
- *Store Idle Unit Indoors – When not in use, units should be stored indoors in a dry, and high or locked-up place – out of reach of children.*
- *To reduce the risk of injury to persons, do not operate without debris shield installed.*

### WARNING

- *Check unit for damage, especially if the unit is dropped. If damage is found, do not use unit, otherwise serious personal injury or property damage may occur. Have unit repaired by an authorized servicing dealer before using.*
- *Check unit for loose/missing nuts, bolts, and screws. Tighten and/or replace as needed.*
- *Check that the cutting head is firmly attached and in safe operating condition.*

- *Check that support handle is adjusted for safe, comfortable operation. See Assembly Section for proper adjustment.*
- *Keep handles dry and clean.*

### Plastic Debris Shield

## WARNING

- *Plastic debris shields are equipped with a sharp cutoff knife for cutting nylon trimmer line to length during operation. Wear work gloves and use extreme care when assembling trimmer head to gear case to avoid accidental contact with cut-off knife.*
- *Inspect plastic debris shield for damage and ensure that the cut-off knife is securely in place. Replace if either is damaged or missing.*

### Battery

## DANGER

- *For use only with part numbers 99945600300 or 99945600301 chargers. Risk of fire and burns. Do not open, crush, heat above 60 °C (140° F) or incinerate. Follow all safety instructions.*
- *DO NOT charge or use a defective, damaged or deformed battery. Do not open, damage, or drop the battery. Released electrolyte is corrosive and may cause damage and severe chemical burns to the eyes or skin. It may be toxic if swallowed. In the event of accidental contact, wash the affected areas of skin with plenty of water and soap. If fluid gets in the eyes, do not rub. Rinse the eyes with plenty of water for at least 15 minutes and seek medical assistance.*
- *Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.*
- *DO NOT dispose of the battery in a fire. The cell may explode. Check with local codes for possible special disposal instructions, or recycle the battery at an accredited Rechargeable Battery Recycling Corporation recycling center.*
- *Avoid direct sunlight, heat and open flames.*
- *DO NOT allow battery to get wet.*
- *CHARGE battery only in proper temperature range of 0°C to 60°C (32°F to 140°F).*
- *DO NOT solder on battery pack.*
- *DO NOT reverse battery polarity or terminals.*
- *DO NOT reverse charge or reverse connect battery.*
- *Connect battery only to correct Shindaiwa charger.*
- *Use battery only with intended unit.*

## WARNING

- *Do not use battery in conjunction with other battery types.*
- *Keep battery out of reach of children.*
- *Charge battery only according to instructions in this manual.*

- **DO NOT** expose battery to microwaves or high pressure.
- **DO NOT** charge appliance in rain or in wet locations.
- Use only the correct Shindaiwa type and size battery for this unit.
- Remove battery from unit before transporting or storing unit.
- When battery pack 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 sparks, burns, or a fire.
- Keep battery and battery compartment clear of flammable debris.

### Battery Charger

## DANGER

**TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK CAREFULLY FOLLOW THESE INSTRUCTIONS.**

## WARNING

- **This manual contains important safety and operating instructions for battery charger Model 99945600300 or 99945600301.**
- **Before using battery charger, read all instructions and cautionary markings on battery charger, battery, and product using battery.**
- **To reduce risk of injury, charge only SHINDAIWA lithium-ion rechargeable battery Model 99945600200 or 99945600201. Other types of batteries may burst causing personal injury and damage**
- **Never use a defective or damaged charger**
- **Do not open the charger.**
- **Do not cover the charger. Covering the charger will prevent it from cooling.**
- **In the event of smoke or fire in the charger, disconnect it from the wall outlet immediately.**
- **Do not operate on an easily combustible surface (e.g. paper, textiles) or in an easily combustible environment - there is a risk of a fire.**
- **Do not operate the charger in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Chargers can produce sparks which may ignite the dust or fumes - there is a risk of explosion.**
- **Charger plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) chargers. Unmodified plugs and matching outlets will reduce risk of electric shock.**
- **Check the charger's connecting cord regularly for damage. If the connecting cord is damaged, immediately disconnect the plug from the power supply to avoid the risk of electric shock.**
- **To unplug, grasp the plug, not the cord.**
- **Do not use the connecting cord for any other purpose, e.g. for carrying or hanging up the charger.**
- **Do not abuse the connecting cord. Keep cord away from heat, oil, sharp edges or moving parts.**

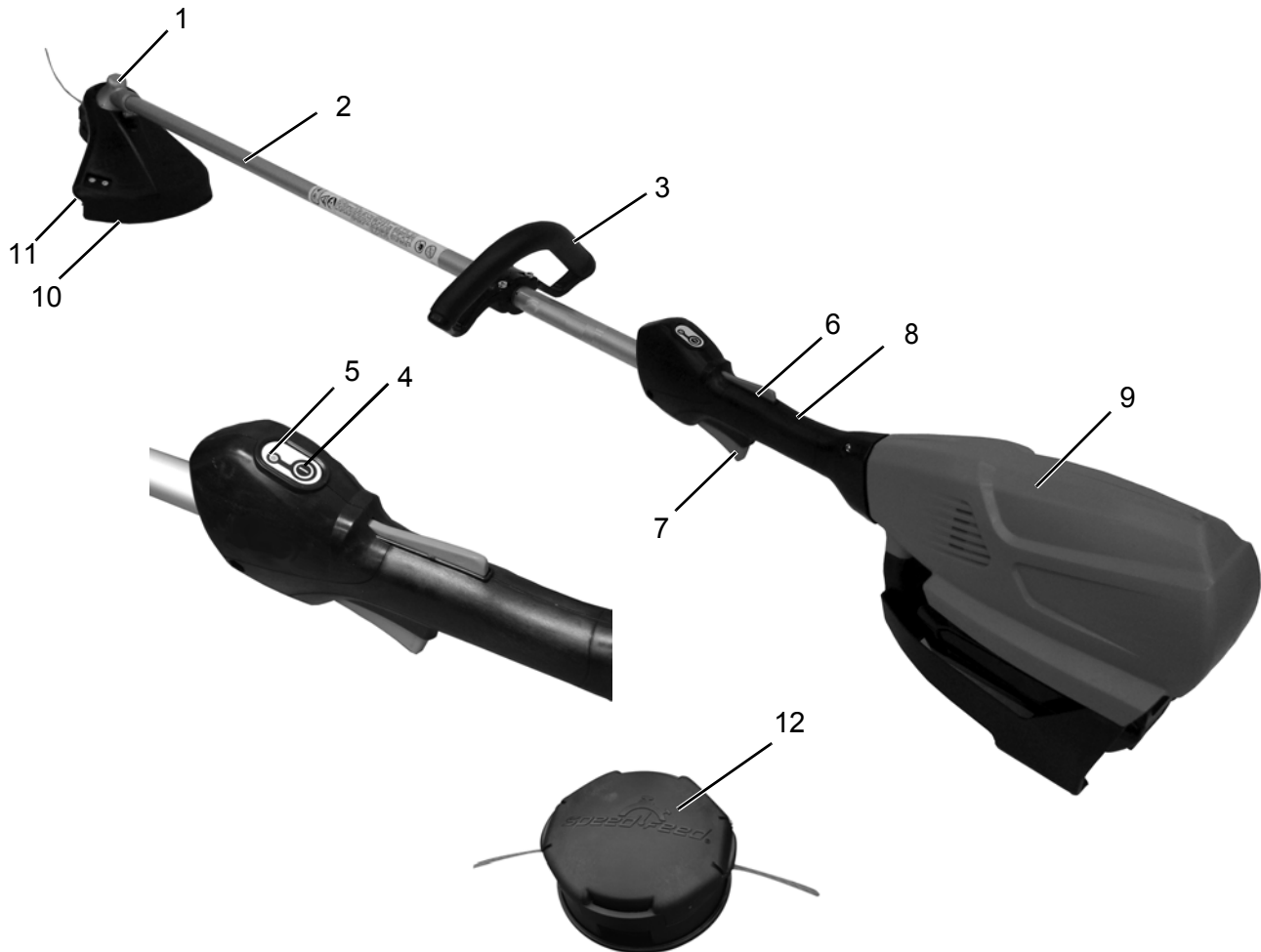
- *To reduce the risk of stumbling, position and mark the connecting cord in such a way that it cannot be damaged or endanger others.*
- *To reduce the risk of electric shock, always connect the charger to a properly installed wall outlet.*
- *Do not handle charger, including charger plug, and charger terminals with wet hands.*
- *Do not charge the unit outdoors.*

## ***SAVE THESE INSTRUCTIONS***

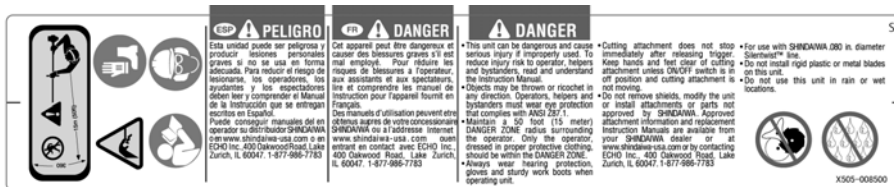
# DESCRIPTION

## Safety Decals

Locate these safety decals on your unit. Make sure the decals are legible and that you understand and follow the instructions on them. If a decal cannot be read, a new one can be ordered from your authorized Shindaiwa dealer. See SERVICING INFORMATION for details.



### Shaft Decal



### Handle Spacing Label



1. **GEAR CASE**
2. **DRIVE SHAFT ASSEMBLY** – Includes the drive shaft, throttle handle, support handle, and safety decals.
3. **SUPPORT HANDLE - FOR LEFT HAND - Grip for Left Hand.**
4. **POWER BUTTON** - Press once to turn on power to the unit, power indicator LED illuminates. Press once more to turn power off to unit, power indicator LED turns off.
5. **POWER INDICATOR LED** - Remains illuminated when power to unit is turned on. Turns off when power to unit is off.
6. **THROTTLE TRIGGER LOCKOUT** - Operation of the throttle trigger is prevented unless throttle trigger lockout lever is engaged.
7. **THROTTLE TRIGGER** - Spring loaded to return to stop when released. During acceleration, depress gradually for best operating technique.
8. **THROTTLE HANDLE - FOR RIGHT HAND** - Contains Stop Switch, Throttle Lockout, and Throttle Trigger.
9. **POWER HEAD** – Houses Motor and Battery.
10. **PLASTIC DEBRIS SHIELD ASSEMBLY** - MUST be installed on unit. Shield assembly includes the Cut-Off Knife. Mounts on the Gear Case just above the cutting attachment. Helps protect the operator by deflecting debris produced during the trimming operation.
11. **CUT-OFF KNIFE** - Automatically trims line to the correct length after head is tapped on the ground. If trimmer is operated without a cut-off knife, the line will become too long and motor damage may occur.
12. **NYLON LINE HEAD** - Contains replaceable nylon trimming line that advances when the trimmer head is tapped against the ground while the head is turning at normal operating speed.

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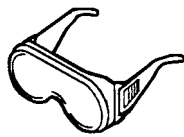
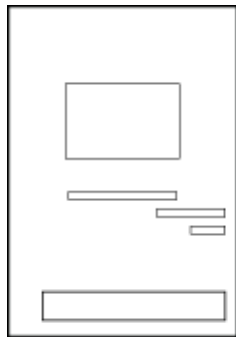
## CONTENTS

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The Shindaiwa product you purchased has been factory pre-assembled for your convenience. Due to packaging restrictions, some assembly may be necessary.

After opening the carton, check for damage. Immediately notify your retailer or Shindaiwa Dealer of damaged or missing parts. Use the contents list to check for missing parts.

- \_\_\_ - 1, Trimmer Assembly
- \_\_\_ - 1, Instruction Manual
- \_\_\_ - 1, Safety Glasses
- \_\_\_ - 1, Battery (T3000 model only)
- \_\_\_ - 1, Battery Charger (T3000 model only)



## ASSEMBLY

### Nylon Line Head Installation

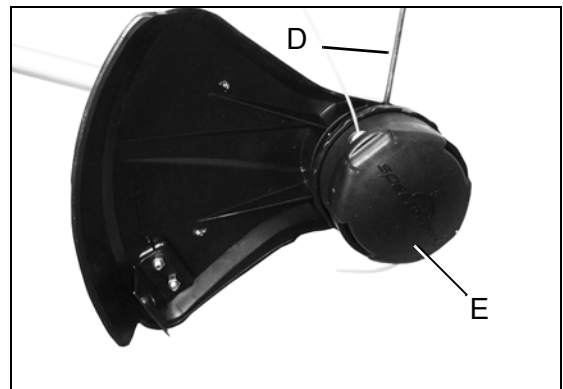
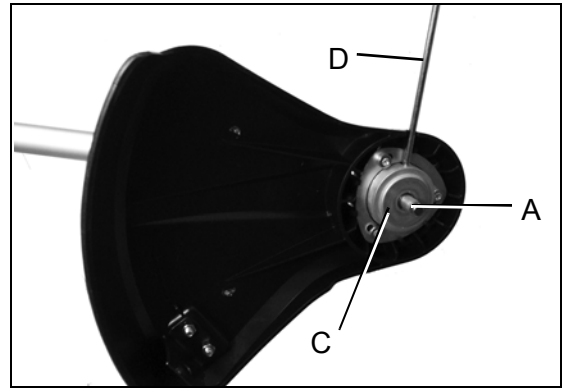
Parts Required: Nylon Line Head.

#### **CAUTION**

*Wear Gloves or personal injury may result:*

- *Cutoff knife is sharp.*
- *Gearcase and surrounding area may be hot.*

1. Be sure adapter plate (C) remains on PTO shaft (A).
2. Align locking hole in upper plate with notch in edge of gear housing and insert head locking tool (D).
3. Thread line head (E) onto shaft by turning it counter-clockwise until head is tight against adapter plate (C).
4. Remove locking tool (D).
5. Remove cardboard sleeve from cutoff knife.



#### **NOTICE**

*Semi-automatic nylon line heads must be used only with plastic debris shield with cut-off knife. Using nylon line heads with metal debris shield can result in trimmer damage, caused by operation with excessive line length.*

Note: Your nylon line head may appear different than nylon line head shown.

### To Advance Trimmer Line

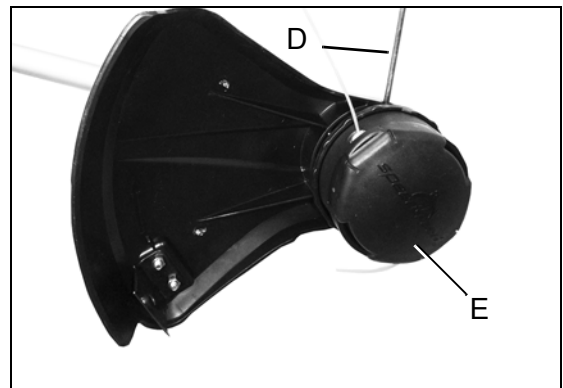
See Maintenance Section for nylon line replacement.

Note: To advance trimmer line, tap trimmer head against the ground while the head is turning at normal operating speed.

### Remove Nylon Line Head

Note: Do not disassemble nylon line head.

1. Align locking hole in upper plate with notch in edge of gear housing and insert head locking tool (D).
2. Remove line head (E) by turning it clockwise until head is completely off of shaft.
3. Remove locking tool (D).





## Support Handle Installation

Note: Label shows minimum spacing for support handle location.

1. If necessary, position support handle for comfortable operation and securely tighten screws.



## Battery Installation

### **WARNING**

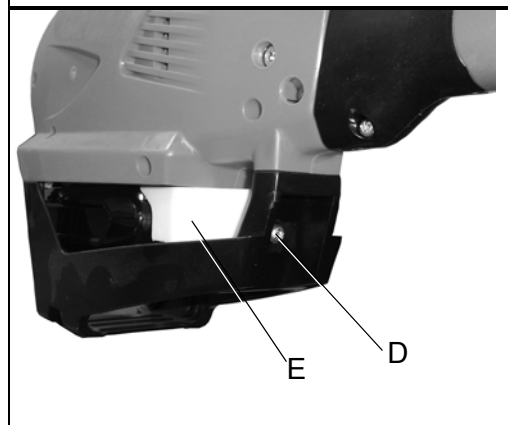
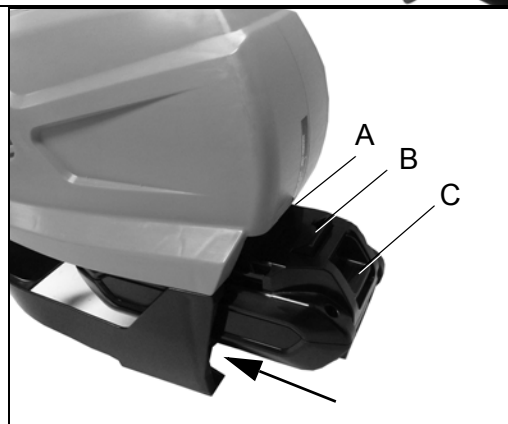
***The attachment will operate when the battery is installed, the power indicator LED is lit, and the trigger and trigger lockout are engaged. Make sure the trimmer is properly positioned to prevent loss of control and possible serious injury. Keep movable parts of the attachment off the ground and away from objects that could become entangled or thrown.***

Note: The battery comes partially charged from the factory and needs to be fully charged before first use.

1. Make sure power to unit is turned off.

Note: *Unit shipped, with battery attached to power head with battery spacer. Remove screw (D), and remove battery spacer (E) for initial battery installation.*

2. Align ridges (A) on battery pack with grooves in power head. Slide battery pack into power head.



### **NOTICE**

*Assure the battery pack latch (B) snaps into place and battery pack is secure before beginning operation.*

3. To remove battery, depress battery pack latch release (C) slide battery pack out of power head.

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**OPERATION**

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** WARNING**

***Moving parts can amputate fingers or cause severe injuries. Keep hands, clothing, and loose objects away from all openings. ALWAYS turn power to unit off, remove battery, and make sure all moving parts have come to a complete stop before removing obstructions, clearing debris, cleaning, or servicing unit.***

** WARNING**

***Careless operation, misuse, improper configuration or assembly, or use of unapproved cutting heads and work attachments can result in serious or fatal injuries to operator and bystanders. Flying debris can cause serious eye injury, loss of sight, or property damage. You must read, understand, and follow all safety and operating instructions in this manual.***

- ALWAYS maintain a minimum safety zone of 50 feet (15 meters) from where you are working. Don't allow others to enter the safety zone unless you have shut the unit off and the trimmer head has completely stopped moving.
- ALWAYS clear the intended cutting/work area of debris such as wire, stones, wood, cans, broken glass, and other objects which could be thrown, become entangled, or damage the cutting head.
- ALWAYS maintain a direct line of sight to the trimmer head and the area where trimming/work is being performed. Be aware of what lies in the path of the trimmer head at all times.
- NEVER work in the dark or when visibility of the work area is poor.
- ALWAYS be alert for changes in operation that could signal a problem - sudden vibration and unusual noise require immediate attention. Stop the unit and correct any problems before resuming cutting.
- NEVER carry unit around the work site while the trimmer head is rotating. ALWAYS let the trimmer head stop before lifting the unit and moving to a new position.
- Keep debris flow directed away from operator to minimize risk of being struck and injured by flying debris. Debris flows in direction of line head rotation at point of cutting contact. Change line head position as needed to change debris flow.
- NEVER operate trimmer with cutter head above knee height - operation with the cutter head well above ground level produces a higher debris flow, and can cause debris to strike you in the face.
- Contact with spinning nylon line will cause serious injury. Keep hands, feet, and all other body parts away from cutter head.
- Always switch off the unit and remove the battery when transporting the unit.

## Starting Cordless Electric Trimmer

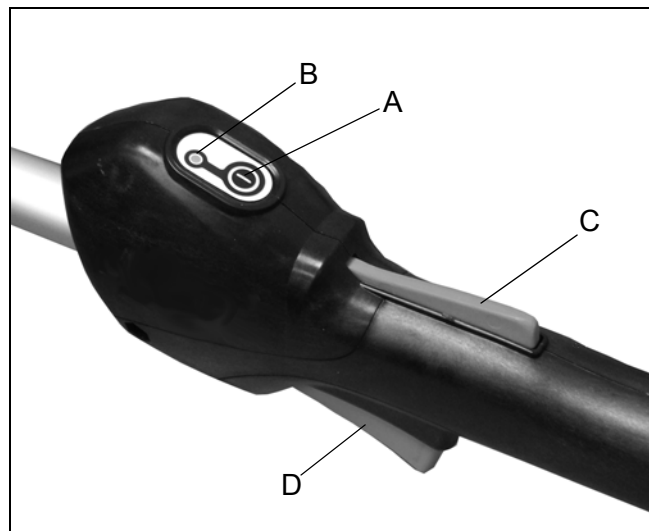
### **! WARNING**

*The attachment will operate when the battery is installed, the power indicator LED is lit, and the trigger and trigger lockout are engaged. Make sure the trimmer is properly positioned to prevent loss of control and possible serious injury. Keep movable parts of the attachment off the ground and away from objects that could become entangled or thrown.*

1. Push power button (A) once to turn on power to unit.

Note: Power indicator LED (B) illuminates when power to unit is turned on.

2. Hold down throttle trigger lockout (C) and depress throttle trigger (D) to increase RPM to operating speed.



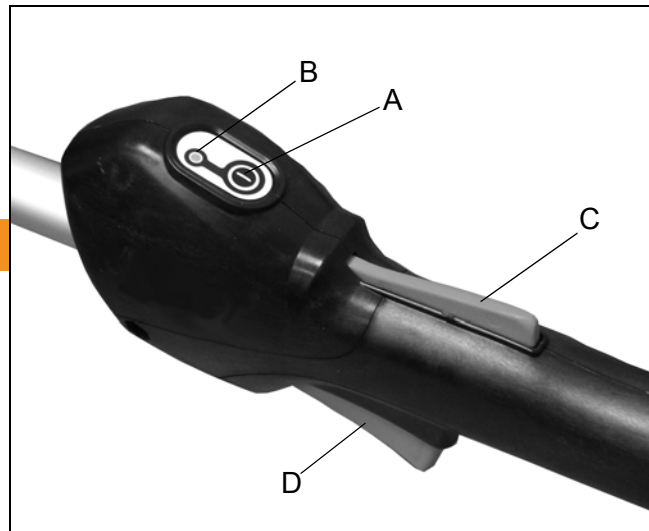
## Stopping Cordless Electric Trimmer

### **! WARNING**

*The cutting attachment continues to run for a short period after the unit is switched off.*

1. Release throttle trigger and throttle trigger lockout, and allow trimmer head to stop.
2. Push power button (A) to turn off power to unit.

Note: Power indicator LED (B) turns off when power to unit is turned off.



### **! WARNING**

*If the power button does not stop the trimmer, remove the battery to stop the power supply to trimmer. Have your authorized Shindaiwa servicing dealer repair power button before using trimmer again. If the trimmer head does not stop when the trigger and trigger lockout are released, remove the battery to stop the power supply to trimmer. Have your authorized Shindaiwa servicing dealer repair unit before using again.*

### **NOTICE**

When power to the unit is turned on:

- After ONE minute of inactivity, unit will power itself off.
- If the LED remains lit, operation is normal.

- If the LED flashes once per second, the battery needs to be charged.
- If the LED flashes four times per second, there is a fault within the trimmer. Turn power off to unit. Remove battery. Clear debris from around line head. Install battery. Turn power on to unit. If flashing continues, have your authorized Shindaiwa servicing dealer repair the trimmer.

**CAUTION**

***Wear Gloves or personal injury may result:***

- ***Cutoff knife is sharp.***
- ***Gearcase and surrounding area may be hot.***

## MAINTENANCE

### **! WARNING**

***Moving parts can amputate fingers or cause severe injuries. Keep hands, clothing, and loose objects away from all openings. ALWAYS turn power to unit off, remove battery, and make sure all moving parts have come to a complete stop before removing obstructions, clearing debris, cleaning, or servicing unit. Allow unit to cool before performing service. Wear gloves to protect hands from sharp edges and hot surfaces.***

Your Shindaiwa trimmer is designed to provide many hours of trouble-free service. Regular scheduled maintenance will help your trimmer achieve that goal. If you are unsure or are not equipped with the necessary tools, you may want to take your unit to your authorized Shindaiwa servicing dealer for maintenance.

### Nylon Line Replacement



For more information scan this QR code.

### **! CAUTION**

***Wear Gloves or personal injury may result:***

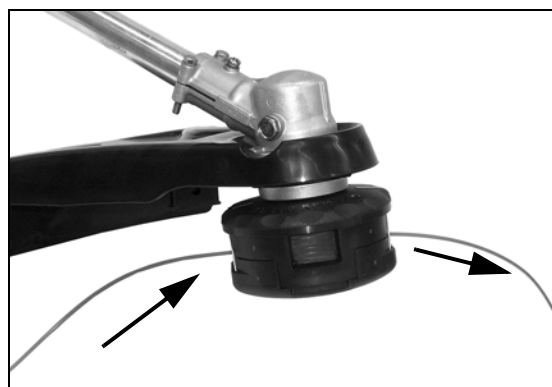
- ***Cutoff knife is sharp.***
- ***Gearcase and surrounding area may be hot.***

1. Cut one piece of nylon line to recommended length.  
.080" (2.0 mm) dia. – 20' (6 m)

### **! CAUTION**

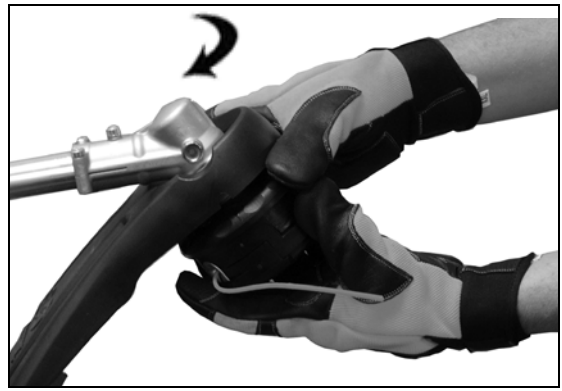
***Do not use cutter line of any other size or material, otherwise serious personal injury may result.***

2. Align arrows on top of knob with openings in eyelets.
3. Insert one end of trimmer line into an eyelet, and push line equal distance through trimmer head.



4. Hold trimmer head while turning knob clockwise to wind line onto spool until about 5" (13 cm) of each line remains exposed.

Trimmer head is now fully loaded and ready for operation.



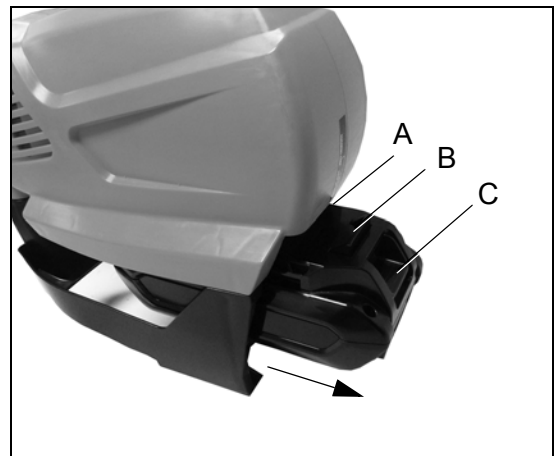
## NOTICE

When the wear indicators located at the bottom of the Speed-Feed® head are worn smooth, or if holes appear, replacement of the cover or the entire Speed-Feed® head is required.



## Battery Removal

1. Release throttle trigger and throttle trigger lockout and allow trimmer head to stop.
2. Make sure power indicator LED is not illuminated.
3. Depress battery pack latch release (C) slide battery pack out of power head.



## Cleaning Battery and Battery Compartment

1. Remove battery and use compressed air or a soft bristle brush to remove debris from battery and battery compartment.

## ⚠ WARNING

**Risk of electric shock or fire. Do not use conducting materials to clean battery or battery compartment.**

## Charging Battery

## ⚠ WARNING

- Keep charger and battery away from damp conditions and all liquids.
- Connect the charger only to 120V AC outlet.
- Never insert objects in the battery pack's or charger's cooling slots(A).

Note: The battery comes partially charged from the factory and needs to be fully charged before first use.

Note: Charge the battery when it no longer produces sufficient power to operate the trimmer or when battery lights indicate that the battery is low.

1. Plug charger AC cord into 120V AC outlet..
2. Align ridges on battery with grooves on charger, and slide battery into charger.
3. During normal charging, the charger LED (B) will blink continuously GREEN.

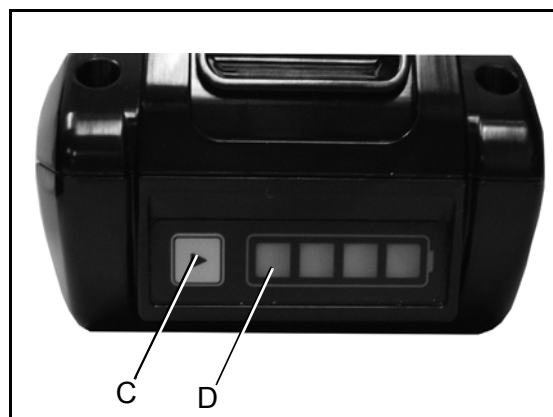
## NOTICE

*If charger detects a problem, LED blinks RED. Remove battery from charger, clear obstructions from contacts and reinstall battery into charger. If battery is outside acceptable temperature range (0°C to 60°C or 32°F to 140°F) LED remains RED.*

4. When charging is complete, LED will remain GREEN.

Note: A fully discharged battery pack will charge in about 72 minutes.

5. Verify battery is fully charged by removing battery from charger, then pressing battery charge status button (C), and checking LED display (D).
  - 1 green light indicates that the battery has 0-25% charge.
  - 2 green lights indicate that the battery has 25-50% charge.
  - 3 green lights indicate that the battery has 50-75% charge.
  - 4 green lights indicate that the battery has 75-100% charge.
6. Disconnect battery charger from power supply.



## TROUBLESHOOTING

Trouble	Cause	Remedy
Red Charger light flashes or does not light up	-Plug not connected to power outlet -Battery pack not installed properly -Obstructed connection -Fault in the charger -Fault in the battery pack	-Plug in the charger -Check the battery pack installation -Reinstall battery pack again after removing obstructions from connection. -Ask your Shindaiwa dealer
Unit will not turn on	-Battery pack not installed properly	-Check the battery pack installation
Unit does not run when turned on	-Battery pack discharged -Line head obstructed -Battery pack outside acceptable temperature range	-Charge the battery pack -Turn off the unit and clean the cutting attachment -Remove the battery pack and allow to cool
Running time is too short	-Battery pack outside acceptable temperature range -Unit electronics too hot -Battery pack discharged	-Remove the battery pack and allow to cool -Turn unit off and allow to cool -Charge the battery pack
Line won't feed	-Not enough line on the spool -Line tangled in the spool	-Rewind with new line -Unwind and rewind the line
Line fails to cut off	-Cut off knife in the shield is damaged or missing	-Ask your Shindaiwa dealer



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## STORAGE

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### WARNING

*During operation the gear case becomes hot. Always keep area clear of flammable debris during transportation or when storing, otherwise serious property damage or personal injury may result.*

### WARNING

*Do not store in an enclosure where combustible fumes may accumulate.*

## Electric Trimmer

Do not store your unit without performing protective storage maintenance which includes the following:

1. Turn power to unit off.
2. Remove battery from power head. See Battery Removal.
3. Remove accumulation of dirt and debris from exterior of unit.
4. Tighten all the screws and nuts.
5. Cover the battery compartment of power head.
6. Store unit in a dry, dust-free place, out of the reach of children.

## Battery

1. Remove battery from power head. See Battery Removal.
2. Store in a dry, dust-free place, out of the reach of children.
3. Store in temperatures between -20°C (-4°F) and 60°C (140°F).
4. If the battery is stored for longer than one year, charge it to approximately 40 - 60% capacity (see "Charging Battery" section ).

## Battery Charger

1. Remove battery from battery charger.
2. Disconnect battery charger from power supply.
3. Store in a dry, dust-free place, out of the reach of children.

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**DISPOSAL**


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**Trimmer**

Major plastic parts making up the product have codes showing their materials. The codes refer to the following materials; dispose of those plastic parts in accordance with local regulations.

Mark	Material
>PA6-GF<	Nylon 6 - Glass fiber
>PP-GF<	Polypropylene - Glass fiber
>PE-HD<	Polyethylene
>PP<	Polypropylene

**Battery**

ECHO, Incorporated, participates in the the Rechargeable Battery Recycling Corporation (RBRC) program.

ECHO has prepaid so that our customers can responsibly dispose of batteries. PLEASE DO NOT throw battery away in garbage. Please recycle the battery at an accredited RBRC recycling center. Visit [www.call2recycle.org](http://www.call2recycle.org), or call 1-800-822-8831 to find a recycling center near you.

## SPECIFICATIONS

MODEL	T3000	T3000W
Length	1830mm (72 in)	
Width	240mm (9.45 in)	
Height	270mm (10.63 in)	
Weight	4.9 kg (10.8 lb)	3.9 kg (8.6 lb)
RPM (cutter)	3000 / 5700 variable speed control	
Gear Reduction Ratio	2.93	
Rotating Direction	Counter clockwise, viewed from top	
Cutter Head	Speed Feed® 400 LH Nylon line head, Line capacity 6.0 m (20 ft.)	
Recommended trimmer line	.080" SHINDAIWA SilenTwist™	
Handle	front - loop	
Battery Type	Li-ion	
Battery Pack Voltage	56 Volts (rated 50.4 V)	
Battery Charger Type	CCCV	
Battery Charger Input Voltage	110–120 Volts	
Battery Charger Lights	<p>Red LED – Battery is outside charging temperature range</p> <p>Red LED Blinking – Fault</p> <p>Green LED – Battery finished charging</p> <p>Green LED Blinking-- Battery is charging normally</p>	
Charge Time	99945600200 battery: Approximately 72 min. 99945600201 battery: Approximately 150 minutes .	

## WARRANTY STATEMENTS

**SHINDAIWA LIMITED WARRANTY STATEMENT FOR 56V CORDLESS TOOLS SOLD IN USA AND CANADA**

**ECHO'S RESPONSIBILITY** - ECHO Incorporated's Limited Warranty, provides to the original purchaser that this Shindaiwa product is free from defects in material and workmanship. Under normal use and maintenance from date of purchase, ECHO, Inc. agrees to repair or replace at its discretion, any defective product free of charge at any authorized Shindaiwa servicing dealer within listed below application time periods, limitations and exclusions. **THIS LIMITED WARRANTY IS ONLY APPLICABLE TO SHINDAIWA PRODUCTS SOLD BY AUTHORIZED SHINDAIWA DEALERS. IT IS EXTENDED TO THE ORIGINAL PURCHASER ONLY, AND IS NOT TRANSFERABLE TO SUBSEQUENT OWNERS.** Repair parts and accessories replaced under this warranty are warranted only for the balance of the original unit or accessory warranty period. Any damage caused by improper installation or improper maintenance is not covered by this warranty. All parts or products replaced under warranty become the property of ECHO, Inc. For a list of Authorized Shindaiwa Dealers refer to [WWW.SHINDAIWA-USA.COM](http://WWW.SHINDAIWA-USA.COM) or call **1-877-986-7783**.

**OWNER'S RESPONSIBILITY** - To ensure trouble free warranty coverage it is important that you register your Shindaiwa equipment on-line at [WWW.SHINDAIWA-USA.COM](http://WWW.SHINDAIWA-USA.COM) or by filling out the warranty registration card supplied with your unit. Registering your product confirms your warranty coverage and provides a direct link if we find it necessary to contact you.

The owner shall demonstrate reasonable care and use, and follow preventative maintenance, and storage prescribed in the operator's manual. Should a product difficulty occur, you must, at your expense, deliver or ship your Shindaiwa unit to an authorized Shindaiwa servicing dealer for warranty repairs (within the applicable warranty period), and arrange for pick-up or return of your unit after the repairs have been made. For your nearest authorized Shindaiwa servicing dealer, call Shindaiwa's Dealer Referral Center, at 1-877-986-7783 or you can locate a Shindaiwa servicing dealer at [WWW.SHINDAIWA-USA.COM](http://WWW.SHINDAIWA-USA.COM). Should you require assistance or have questions concerning Shindaiwa's Warranty Statement, you can contact our Consumer Product Support Department at 1-800-673-1558 or contact us through the web at [WWW.SHINDAIWA-USA.COM](http://WWW.SHINDAIWA-USA.COM).

**PRODUCT WARRANTY PERIOD - HOMEOWNER APPLICATION**

- **5 YEAR WARRANTY** - All units for homeowner, or non-income producing use will be covered by this limited warranty for **five (5) years** from date of purchase.

**EXCEPTIONS:**

- Cutting attachments such as, but not limited to, bars, chains, sprockets, tines, blades, PowerBroom™, belts, and nylon trimmer heads for homeowner or non-income producing use will be covered for failures due to defects in material or workmanship for a period of 60 days from original product purchase date. Any misuse from contact with concrete, rocks, or other structures is not covered by this warranty.
- Batteries will be covered against defects in material and workmanship for a period of 2 years from the date of purchase.

**PRODUCT WARRANTY PERIOD - COMMERCIAL APPLICATION**

- **1 YEAR WARRANTY** - All Chain Saws (and batteries included with them) for commercial, institutional, agricultural, industrial, or income producing use will be covered by this limited warranty for one (1) year from the date of purchase.
- **2 YEAR WARRANTY** - All other units (and batteries included with them) for commercial, institutional, agricultural, industrial, or income producing use will be covered by this limited warranty for two (2) years from the date of purchase.

**EXCEPTIONS:**

- Cutting attachments such as, but not limited to, bars, chains, sprockets, tines, blades, PowerBroom™, belts, and nylon trimmer heads for commercial, institutional, agricultural, industrial, rental, or income producing will be covered for failures due to defects in material or workmanship for a period of 30 days from original product purchase date. Any misuse from contact with concrete, rocks, or other structures is not covered by this warranty.

Shindaiwa does not offer an over the counter exchange program. Any Shindaiwa product re-built other than by Shindaiwa or sold through an unauthorized dealer, or an unauthorized outlet store, is sold without Shindaiwa's limited warranty coverage. The Shindaiwa Limited Warranty coverage is extended to the original purchaser only, and is not transferable. Repair parts and accessories replaced under this warranty are warranted only for the balance of the original unit or accessory warranty period. Any damage caused by improper installation or improper maintenance is not covered by this warranty. All parts or products replaced under warranty become the property of Echo, Inc.

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**PRODUCT WARRANTY PERIOD - RENTAL APPLICATION**

- **90-DAY WARRANTY** - Units for rental use will be covered against defects in material and workmanship for a period of 90 days from the date of purchase.

**PURCHASED REPAIR PARTS AND ACCESSORIES**

- 90-day all applications
- Replacement Batteries for all chain saws for commercial, institutional, agricultural, industrial, or income producing use will be covered against defects in material and workmanship for a period of 1 year from the date of purchase.
- Replacement Batteries for all other units and applications will be covered against defects in material and workmanship for a period of 2 years from the date of purchase.
- Replacement chargers will be covered against defects in material and workmanship for a period of 5 years from the date of purchase for homeowner units, and 2 years from the date of purchase for commercial units.

**THIS WARRANTY DOES NOT COVER DAMAGE CAUSED BY:**

- Operation of the unit with improperly maintained/removed cutting shield.
- Damage caused by dirt, pressure or steam cleaning the unit, salt water, corrosion, rust, varnish, abrasives, and moisture.
- Defects, malfunctions or failures resulting from abuse, misuse, neglect, modifications, alterations, normal wear, improper servicing, or use of unauthorized attachments.
- Incorrect storage procedures, including failure to provide or perform required maintenance services as prescribed in the operator's manual. Preventative maintenance as outlined in the operators manual is the customer's responsibility.
- Failures due to improper set-up, pre-delivery service or repair service by anyone other than authorized Shindaiwa servicing dealer during the warranty period.
- Other parts and items that are not warranted.
- Damage to gears or gear cases caused by contaminated grease or oil, use of incorrect type or viscosity of lubricants, and/or failure to comply with recommended grease or oil change intervals.
- Additional damage to parts or components due to continued use after operational problem or failure occurs. Should operational problem or failure occur, the product should not be used, but delivered as is to an authorized Shindaiwa servicing dealer.

It is a dealer's and/or customer's responsibility to complete and return the warranty registration supplied with your Shindaiwa product or by visiting [WWW.SHINDAIWA-USA.COM](http://WWW.SHINDAIWA-USA.COM). Your receipt of purchase including date, model and serial number must be maintained and presented to an authorized Shindaiwa servicing dealer for warranty service. Proof of purchase rests solely with the customer. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so you may also have other specific legal rights which vary from state to state. This limited warranty is given by ECHO Incorporated, 400 Oakwood Rd., Lake Zurich, IL 60047.

**DISCLAIMER OF IMPLIED WARRANTIES**

This limited warranty is in lieu of all other expressed or implied warranties, including any warranty of FITNESS FOR A PARTICULAR PURPOSE OR USE and any implied warranty of **MERCHANTABILITY** otherwise applicable to this product. ECHO, Inc. and its affiliated companies shall not be liable for any special incidental or consequential damage, including lost profits. There are no warranties extended other than as provided herein. This limited warranty may be modified only by ECHO, Inc.



# PRODUCT REGISTRATION

Thank you for choosing Shindaiwa Power Equipment

Please go to <http://www.shindaiwa-usa.com> to register your new product on-line. It's **FAST** and **EASY!** NOTE: your information will never be sold or misused by ECHO, Inc. Registering your purchase enables us to contact you in the unlikely event of a service update or product recall, and verifies your ownership for warranty consideration.

If you do not have access to the Internet, you can complete the form below and mail to:

**ECHO Inc., Product Registration, PO Box 1139, Lake Zurich IL 60047.**



**shindaiwa®** PRODUCT REGISTRATION CARD : TARJETA DE REGISTRO : CARTE D'ENREGISTREMENT DU PRODUIT

**ONLINE OPTION:** Register online and save a stamp! You will be alerted of product updates and/or be the first to see new product information and special offers. Simply go to: [www.shindaiwa-usa.com](http://www.shindaiwa-usa.com)

**OPCIÓN POR INTERNET:** Regístrese en la página web y ahorre una estampilla! Le alertarán sobre actualizaciones del producto y/o se le enviara información sobre los nuevos productos Shindaiwa y las ofertas especiales. Simplemente visite: [www.shindaiwa-usa.com](http://www.shindaiwa-usa.com)

**OPTION EN LIGNE:** Enregistrer en ligne et économiser un timbre! Vous serez informé sur les nouvelles produits Shindaiwa et les mises à jour de produit ainsi que les offres spéciales. Simplement visitez le: [www.shindaiwa-usa.com](http://www.shindaiwa-usa.com)

Please Print : Por Favor Enscriba Con Letra De Moltide : En Lettre Carré S.V.P. Confidential: Information provided will not be shared or sold

Purchaser's Name : Nombre del Comprador : Nom de l'acheteur	
Address : Dirección : Adresse	
City : Ciudad : Ville	State : Estado : Province
Zip Code : Código Postal : Code Postal	
E-Mail Address : Dirección De Correo Electrónico : Courrier Électronique	
Phone Number : Número De Teléfono : Téléphone	Date of Purchase : Fecha de la Compra : Date de l'achat
Where Purchased : Nombre del Almacén donde fue Comprado : Lieu d'achat	
Model Number : Numero del Modelo : No. de modèle	Serial Number : Numero de Serie : No. de série

Registering your purchase enables us to contact you in the unlikely event of a service update or product recall and verifies your ownership of the product. Your registration information will not be shared or sold without your consent. Enregistrer votre achat nous permettra de vous contacter dans le cas improbable de modifications des instructions d'entretien ou de rappel du produit et vérifier que vous êtes le propriétaire en cas de vol ou de perte. L'enregistrement de votre achat nous permettra de vous contacter dans le cas improbable de modifications des instructions d'entretien ou de rappel du produit et vérifier que vous êtes le propriétaire en cas de vol ou de perte.

Primary use of tool:  Professional  Homeowner  Rental Equip.  
 Uso primario de la herramienta:  Profesional  Dueño de casa  Alquiler  
 Usage principal:  Professionnel  Résidentiel  Location  
 Do you wish to receive periodic Shindaiwa product information and special offers by e-mail?  Yes  No  
 ¿Desea usted recibir información periódica y ofertas especiales por correo electrónico sobre el producto Shindaiwa?  Yes  No  
 Souhaitez-vous recevoir périodiquement de l'information sur les produits Shindaiwa et les offres spéciales par courrier électronique?  Oui  Non  
 Did you visit the Shindaiwa website before purchasing your product?  Yes  No  
 Visité usted la página web Shindaiwa antes de comprar su producto?  Si  No  
 Avez-vous visité le site d'Shindaiwa avant de procurer votre produit?  Oui  Non  
 What factor(s) most influenced your purchase?  
 Performance  Price  Dealer  
 Reliability  Prior Experience  Quality  Warranty  
 Friend/Family  Brand  Brand  Warranty  
 ¿Qué factor(es) influenció más en su compra?  
 Funcionamiento  Precio  Distribuidor  
 Confiabilidad  Experiencia Anterior  Calidad  Garantía  
 Amigo/Familia  Marca  Garantía  
 Quel facteur (facteurs) vous a influencé le plus?  
 Performance  Prix  Marchand  
 Fiabilité  Expérience  Qualité  
 Ami/Famille  Marque  Garantie

www.shindaiwa-usa.com X7571120102 02-2012

1.877.986.7783











**shindaiwa<sup>®</sup>**

**ECHO, INCORPORATED**

400 Oakwood Road  
Lake Zurich, IL 60047

[www.echo-usa.com](http://www.echo-usa.com)

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