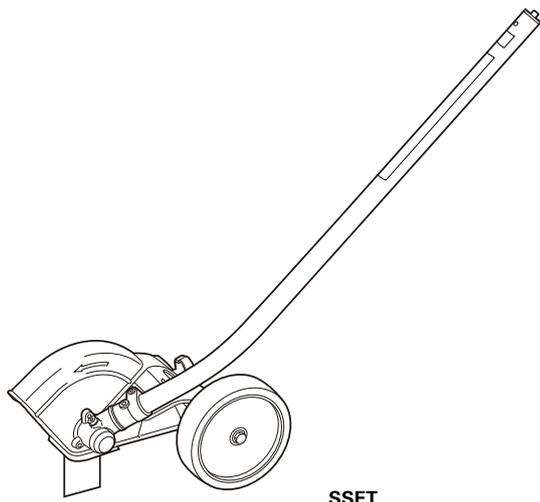


# Edger Attachment SSET

# Instruction Manual

## Original Instruction

## Contents



SSET

### For Safe Use of Edger Attachment

- Be sure to read this manual and the powerhead (separately sold) manual to have a good understanding of the contents before handling the edger.
- If there is no powerhead manual, purchase it from sales agency.
- Keep this manual and the powerhead manual carefully in a readily accessible location.

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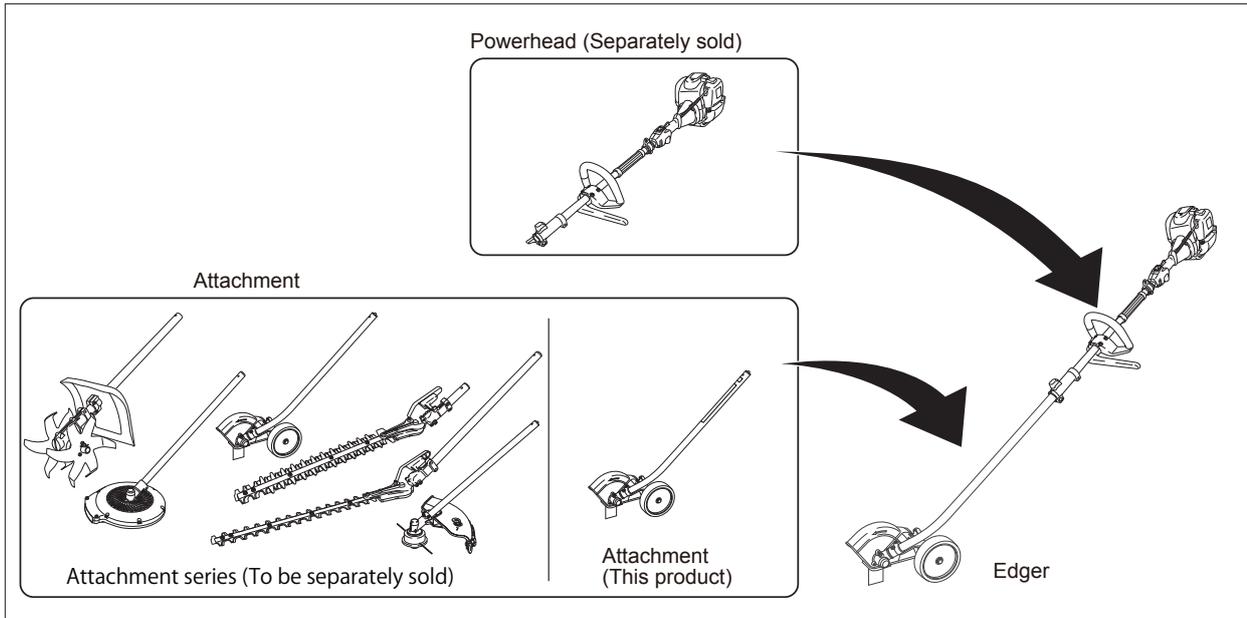
# Important Information

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## Intended Purpose

This product (hereinafter referred to as an attachment) is designed to be attached to the powerhead (to be purchased separately) for edging grass. The edger is attached to our approved powerhead.

Do not use the edger for any other purpose or in any other way.



## General

- Use a genuine blade.
- Refer to the powerhead manual for further information on handling the powerhead.
- When handling the edger, observe all the applicable safety rules, standards or regulations in the area where the edger is used.

This edger is designed and produced according to the standards and regulations applied in the purchase country, assuming that the use is limited to the purchase country only. It will not comply with standards and regulations of other countries. Do not export or resell the edgers to any other countries because the languages are different.

- Before use, read this instruction manual and the powerhead manual thoroughly, and have a good understanding of the contents. Do not allow any person who does not understand the contents of this manual to handle this edger.
- Do not take any actions other than those described in this manual and the powerhead manual.

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## **Important Cautions for Safe Work**

- NIKKARI Co., Ltd. (hereinafter referred to as NIKKARI) cannot foresee all the risks in handling the edger. Therefore, also give consideration to general safety measures not stated in this manual and powerhead manual to prevent accidents when handling the edger.
- The edger is a high-speed edging tool. To decrease risk of personal injury, special safety precautions must be observed. If it is used carelessly or inappropriately, the blade may contact with hands or body, resulting in a serious or fatal injury such as amputation of hands or fingers.

## **Important Cautions for Instruction Manual**

- This instruction manual is copyrighted and all rights are reserved. This instruction manual, in whole or part, may not be copied, translated or reproduced to any electronic medium or machine readable without prior written consent from NIKKARI.
- The contents described in this instruction manual and powerhead manual are subject to change without prior notice.
- Illustrations or figures shown in this instruction manual may partially differ from your edger.
- In case of hand over or rent of the edger, instruct to have a good understanding of the contents of this instruction manual and powerhead manual before starting any work. Be sure to submit the manual of the powerhead to which the attachment is installed to the customer.
- If this instruction manual or powerhead manual is lost or damaged, order from sales agency immediately.
- If you have any questions about descriptions in this manual or powerhead manual, contact the sales agency.

---

# 1. Safety

---

## 1.1 Warnings

For appropriate use of the edger, follow the instructions in this manual. Warning labels are attached to places where there are potential risks or in the periphery. The warning labels in this instruction manual are categorized depending on the degree of risk as shown in the table below.

### 1.1.1 Warning Description

Signal words in this instruction manual are categorized as shown below. If the warning for each signal word is ignored, serious injury or fatal injury may result.

#### ■ Meanings of signal words

 <b>DANGER</b>	Indicates an immediately hazardous situation which, if not avoided, will result in death or serious injury.
 <b>WARNING</b>	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
 <b>CAUTION</b>	Indicates a potentially hazardous situation which, if not avoided, could result in mild to moderate injury or property damage.
 <b>Note</b>	Indicates to emphasize important information or provide helpful information.

#### ■ Meanings of symbols

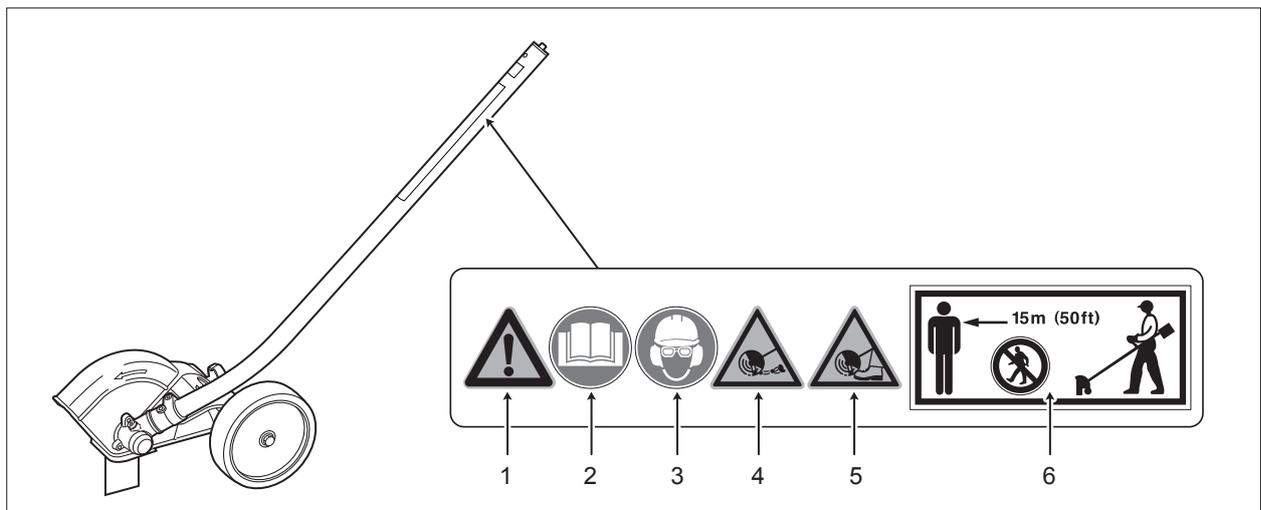
	Caution Sign	Indicates that hazardous situation may result due to negligence of instructions. The hazards are designed into pictorial indication inside the symbol.
	Prohibition Sign	Indicates prohibition of dangerous action. Prohibited actions are designed into pictorial indication inside or by the symbol.
	Enforcement Sign	Indicates enforcement of actions. Actions to be enforced are designed into pictorial indication inside the symbol. This action is required to avoid hazard.

## 1.1.2 Warning Labels

### ■ Cautions for Handling

- (a) This edger is provided with warning labels to indicate important cautions. Understand the meanings of the warning labels thoroughly and work in a safe environment without accident or failure.
- (b) Do not operate the edger until you have a good understanding of the meanings of the warning labels. If you do not understand well about the meanings, contact the sales agency.
- (c) Be sure to observe the warning labels and warning messages in the instruction manual at all times to handle the edger.
- (d) Do not remove or damage the warning labels. Also, do not clean the warning labels with solvent.
- (e) Do not paint the warning labels when repainting the edger.
- (f) If the warning labels become illegible, damaged or removed, purchase new ones from the sales agency, and attach them in accordance with the "■ Attached Location and Warning Labels."

### ■ Attached Location and Warning Labels



1	Carefully check the right warning labels and observe them.
2	Be sure to read the instruction manual and completely understand it before use.
3	Wear personal protective equipment for eyes, ears, and head during operation.
4	Remove stones , wires or wastes materials so as not to get injured by scattering of such object.
5	Take care not to get injured by the edging attachment or scattered objects.
6	Keep persons and animals out of the area within a radius of 15 meters from the edger during operation.

---

# 1.2 General Precautions

## 1.2.1 Overall Precautions

When handling the edger, follow the precautions of the powerhead manual in addition to the following precautions.

### DANGER



**Do not use for the branch cutting etc.**

\* The cut branches and the edger fall on the head, resulting in injury.

**Do not use the edger when you are tired or under the influence of alcohol or other drugs.**

\* You will be distracted or not be able to use the edger appropriately, causing a serious accident.

**Do not use the edger with the blade guard and the protection rubber removed.**

\* It could cause a serious accident by the scattered stones, etc.



**Make sure that the knob bolt at the connection is tightened when installing the attachment.**

\* The attachment will come off, resulting in a serious accident.

### WARNING



**Do not use the edger for any purpose other than edging grasses.**

\* Otherwise, it could cause unexpected injury, and damage the edger.

**Do not allow minors to operate the edger.**

\* It could cause a serious accident.

**Do not modify the edger.**

\* It could deteriorate the performance, resulting in a serious accident due to deterioration on safety.

**Do not install any unapproved powerhead to the attachment.**

\* The attachment could come off during use, resulting in a serious accident.

**Do not remove the safety devices.**

\* A serious accident could result due to deterioration on safety.

**Do not touch the blade during operation.**

\* It could cause injury.



**When renting or hand over the edger to any third person, attach the instruction manual and attached materials.**

\* Otherwise, a serious accident will happen.

## 1.2.2 Precautions on Clothes

### WARNING



**Wear appropriate personal protective equipment when using the edger.**

\* Otherwise, injury may result.

**Wear goggle when using the edger.**

**It is recommended to also use face shield (or face screen) together.**

\* If they are not used, it could cause eye injury due to scattering of sand or stone, etc.

**Wear the hearing protective equipment including ear muffs when using the edger.**

\* Hearing loss could be developed due to the noise of the engine.

**Wear a hard hat during transportation or edging grasses.**

\* Otherwise, it could cause injury to head.

## 1.2.3 Precautions before Operation

### DANGER



**Do not allow children or animals to enter the working range of the edger (within 15m).**

\* Otherwise, a serious accident will happen.

**Do not operate the edger near the electric cable.**

\* Otherwise, an electric shock will be caused.



**Make sure that the edger is operated normally or there is not any part missing or cracking before starting the operation.**

Especially check looseness of the connections, screws and nuts, and fuel leakage.

\* Otherwise, a serious accident could result.

**If the protection rubber is worn, broken or cracked, etc., replace with a new one.**

\* If the faulty protection rubber is kept used, it will not function appropriately, resulting in injury such as sight loss due to scattered sands or small stones.

**Before/after the edging work, make sure that the knob bolt for adjusting the height of the wheel is tightened.**

Before checking the height of the wheel, turn off the engine, and remove the edger attachment from the powerhead.

\* Otherwise, the knob bolt will be loosened during the work, which could cause the height of the wheel to be changed suddenly, resulting in injury.

**Before starting the operation or when hitting the edger against something hard such as stones, make sure that the knob bolt of powerhead connections is not loosened.**

\* Otherwise, it could cause the attachment to fall off.

## DANGER



**Make sure that the knob is returned to the specified position when installing the edger.**

\* The attachment could come off.

## WARNING



**Check the condition of the blade and mounting bolts before/after edging grasses.**

\* If it is used with cracks or looseness, the blade of the blade could chip off and the pieces of the blade could hit a person or attachment could fall.

**When there is any obstacle (wires, etc.) which cannot be removed near the branches to be cut, cut the branches while taking care so as not to allow the blade to get contact with such obstacle during cutting.**

\* Otherwise, a person could fall down due to the impact and get contact with the blade, resulting in serious injury. Or the scattered pieces of obstacles could get in your eyes, resulting in injury such as sight loss.

## CAUTION



**If the edge of the blade is blunt or damaged, do not operate the edger.**

\* Otherwise, it could cause damage to the engine and machine due to overloading.



**When working near the car or building, keep the things around away from the working area.**

**Cover the immovable thing with the heavy-duty sheets or do not operate at the area.**

\* If it is operated near the car and the building, scattered gravel stone, etc. could cause damage.

**Check if there is any obstacle (empty cans, wires, pebbles, bands, etc.) or not. If there is any obstacle, remove it before operating the edger.**

\* Scattering of the broken pieces of the damaged blade, etc. could result in injury accident.

Foreign substance such as wires and bands could be caught in the blade, breaking the blade or gears.

## 1.2.4 Precautions at Start-up

### DANGER



**The edger must be started in a non-slippery and firm place.**

\* Otherwise, it will cause falling, resulting in serious injury.

### WARNING



**The edger must be started or operated by one person.**

\* If it is operated by more than one person, it could be miss-handled, and it could contact with a person or objects, resulting in accident.

## CAUTION



**When starting the edger, make sure that the blade is not touching the ground or obstacles.**

- \* Otherwise, you could fall down and get severely injured due to contact with the blade. It could also cause the objects to scatter, resulting in injury such as sight loss.

## 1.2.5 Precautions for Operation

### DANGER



**Do not operate the edger on insecure footings including a ladder, tree, back of the truck or any other insecure support.**

- \* You will fall off the footing, drop the edger or get contact with the blade by inappropriately handling it, resulting in accident.



**While edging grasses, put up a KEEP OUT sign in a prominent place to prevent any third person from entering within 15m of the working area.**

- \* Otherwise, a serious accident may happen.

**Make sure that the wheel is touching the ground before starting the work.**

- \* Otherwise, small stones, etc. will scatter or edger will be out of control, resulting in injury.

**Be sure to use blades specified by the manufacturer.**

- \* If any blade other than that specified is used, the blade could be damaged or it could come off, resulting in injury of the operator.

### WARNING



**Do not operate the edger in a closed area.**

- \* Exhausted gas affects the health.

**Do not operate the edger under poor visibility including after sunset or in the early morning.**

- \* It could cause accidents such as contact with some objects or falling off.

**Do not use the edger continuously for a long time.**

- \* If it is operated continuously for a long time, vibration induced white finger could be developed.

**Do not run when edging grass.**

Walk slowly.

- \* It could cause you to fall down or lose your balance, resulting in unexpected injury

**Do not operate the edger by one hand.**

- \* You could drop the edger or get contact with the blade by inappropriate handling, resulting in accident.

**If the blade starts moving while idling, do not use the edger.**

- \* Otherwise, an accident could happen.

## WARNING



**Do not cut grass at the position that is higher than the ankle when using the edger.**

\* Otherwise, you may not hold the edger appropriately or trip over, resulting in injury including head injury.

**Do not hit the blade against something hard such as stones, stumps and pillars.**

\* It could kickback and cause an operator or persons around to suffer a bruise or cause property damage.



**Concentrate on the work during the grass edging without standing talking.**

When doing the other work out of necessity, stop the engine before performing.

\* Unless concentrating on the edging grass work, the operator could be injured unexpectedly because the concentration becomes loose.

**Remove obstacles, and watch your step when operating the edger.**

\* If the footing is insecure, an accident due to tripping over or falling could happen.

**Make sure that the blade is not cracked/damaged or the bolts are not loosened after hitting the blade against something hard.**

\* Pieces of the blade may scatter or blade itself could fly over, causing an injury to the operator.

**When turning around or changing position, the operator should move slowly so that the blade does not get contact with people and objects around.**

\* Otherwise, it could cause an injury to the person or damage to objects by contact with the blade, or the operator could fall down by the kickback of the equipment.

**Use the harness.**

\* If the edger is dropped because of the kickback, the operator's hands or fingers could be severed by the blade.

**When the blade stops because it is tangled with bands, wires and grasses etc., remove these things after making sure that the engine is stopped and the blade is completely stopped.**

\* When the rotating speed of the engine increases, hands or fingers could be severed by the blade.

## CAUTION



**Check if there are empty cans, wires, pebbles, bands etc. or not.**

If there are still empty cans, wires, pebbles, bands etc., remove those before operating the edger.

\* Scattering of the broken pieces of the damaged blade etc, may result in injury accident.

**When the blade is tangled with bands, wires and grasses etc., remove these things.**

\* If the blade is used under such a condition, the sealing will come off, which could cause injury.

## 1.2.6 Precautions for Maintenance

### DANGER



**Do not grind the blade. Replace with a new blade.**

\* Otherwise, the blade will be broken, resulting in injury.

**When replacing the worn or broken blade, replace the blade cap and the blade mounting bolt together as a set.**

\* Otherwise, you will lose your control, causing the blade to come off or edger to become faulty.

### WARNING



**Before performing maintenance, repair or cleaning, stop the engine and remove the attachment from the powerhead.**

\* If the engine starts during the work, hands or fingers could be severed by the moving parts or blade.

**Do not perform any maintenance or repair other than those described in the instruction manual. Request the sales agency.**

\* Otherwise, an accident could happen.

**Before adjusting or replacing the blade, stop the engine, and then remove the attachment from the powerhead.**

\* Otherwise, hands or fingers could be severed by the blade.

### CAUTION



**Wear gloves when handling the blade during the replacement, etc.**

\* Otherwise, hands or fingers could be severed by the blade.

**Use a designated grease (JX Nippon Oil & Energy : MOLYNOC No.2).**

\* Otherwise, the gears etc. could be damaged.

## 1.2.7 Precautions for Troubleshooting

### DANGER



**When troubleshooting, stop the engine and then remove the attachment from the powerhead.**

\* If the engine starts during the work, hands or fingers could be severed by the moving parts or blade.

## 1.2.8 Precautions for Transporting

### WARNING



**Do not transport the edger by a bicycle and a motorbike.**

\* When the edger is dropped, it could cause injury to the operator unexpectedly and damage to the edger.



**When transporting the edger, wear appropriate clothes and personal protective equipment.**

\* Otherwise, it could cause injury.

**Before transporting the edger, stop the engine, and make the blade stopped.**

\* Body, hands or fingers could be severed or objects could be damaged by contact with the blade.

**When transporting the edger, install it to a harness or keep the balance with the shaft tube.**

\* Otherwise, the edger could fall off, resulting in injury or damage of the edger.

**Remove obstacles, and watch your step when transporting the edger.**

\* If the footing is insecure, an accident due to tripping over or falling could happen.

**Before transporting the edger put on the back of the truck, etc., remove the attachment from the powerhead, and then fix it so as not to move.**

\* Otherwise, the attachment could fall off the truck, causing injury or damage to the edger.

## 1.2.9 Precautions for Storing

### WARNING



**When storing the attachment with the hook of the pipe cap attached to the pipe, etc., do not pull or swing the attachment.**

Or, attach it to the fixed bar having enough strength.

\* Otherwise, it will fall off, causing a serious injury.

### CAUTION



**When storing the attachment, remove the blade.**

\* Otherwise, it could cause injury to an operator due to contact with the blade, or even serious injury by getting contact with the blade while the operator is falling down or tumbling.

**When storing the attachment, store it in the place out of reach of children and animals.**

\* Otherwise, it could cause injury to an operator due to contact with the blade, or even serious injury by getting contact with the blade while the operator is falling down or tumbling.

---

## 1.2.10 Precautions for Grease

### DANGER



**Store the grease in a place out of reach of children.**

Also, put them in a container so that the grease is not spilled and make them distinguished to understand contents.

\* When drinking them by mistake, the person will feel physically sick.

### CAUTION



**Do not discard grease into the river, the sea, or the ground.**

\* Otherwise, it could pollute the environment.

## 1.3 Safety Devices and Protective Guard

### 1.3.1 Safety Devices (Stop Devices)

To stop the edger in case of an accident or abnormality, use the stop device below and stop the operation of the blade.

There are the throttle trigger and start/stop switch on the powerhead as stop devices.

Refer to the powerhead manual for details.

### 1.3.2 Safety Devices (Quick Release)

In case of an accident or abnormality, the edger can be released from the harness by using the quick release device.

Refer to the powerhead manual for details.

---

## 1.4 Protective Equipment

When using the edger for edging, always wear the following protective equipment.

- (a) Hard hat
- (b) Working wear (long sleeve jackets and full-length pants of heavy material)
- (c) Protective shoes with nonslip sole  
(Steel-toed safety boots are recommended.)  
Leg protector
- (d) Gloves (heavy-duty, nonslip gloves)
- (e) Goggles
- (f) Face shield (or face screen) (use together with goggles is recommended)
- (g) Ear muffler



### ►► Note

- Use eye protections (or goggles), ear plugs (or ear muffs) and hard hats, etc. conformed to the applicable standard.
- Do not wear any jewelry.
- Loop up long hair.
- If the jackets or pants are loose, tighten the cuffs or hems.

## 1.5 Noise

There is a danger that a person might suffer permanent hearing loss by the sound from the edger.

A person operating the edger must use ear protection equipment including an ear muffler.

A person using the edger frequently must undergo a hearing test.

However, take care when wearing the ear protection equipment. Your ability to hear shouts or alarms is restricted.

## 1.6 Vibration

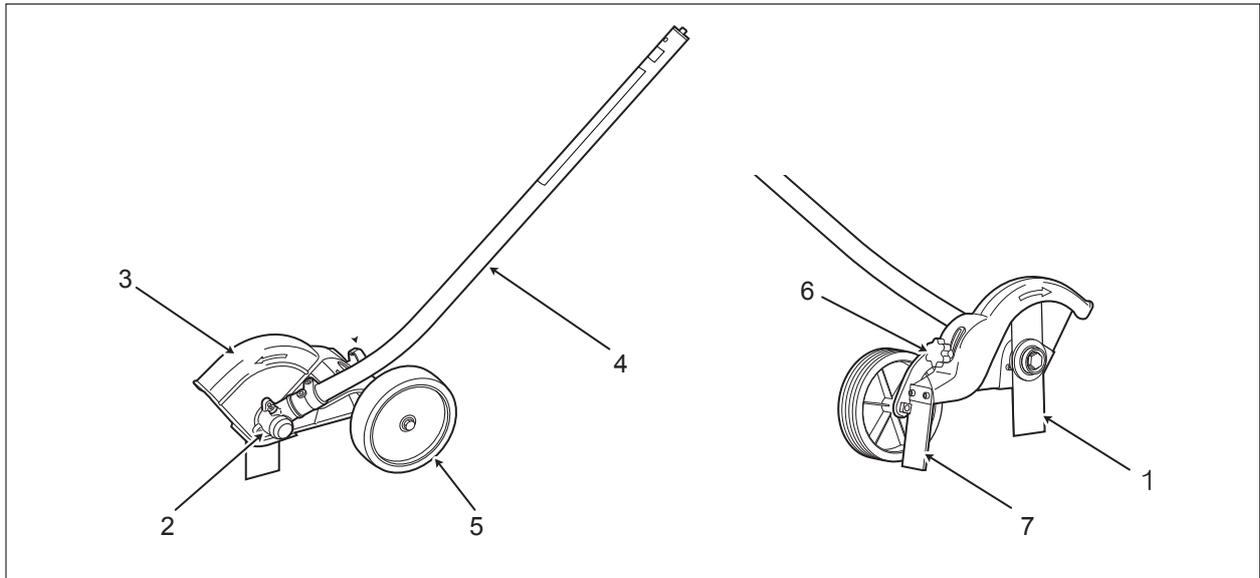
Vibration generated by the edger causes vibration induced white finger (Reynaud's phenomenon) or carpal tunnel syndrome. This will cause swelling pain or nerve paralysis of hands, and there is a risk of affecting the hand.

To prevent such problems, do not continuously operate for a long time. Instead, take an appropriate break.

# 2. Outline

## 2.1 Name of Parts and Their Functions

The edger is a device with the attachment installed to the powerhead (separately sold). The following is the structure of the attachment and name and function of each part.



No.	Name	Description
1	Blade	Rotates at high speed for edging grasses.
2	Gear case	Connected to the edging section. Changes the transmission angle of the power from the power transmission shaft to decelerate.
3	Blade guard	Guards from objects such as grasses, stones and sands scattered by the blade.
4	Shaft tube	It is the main frame. The power transmission shaft (flexible shaft) is inside this tube.
5	Wheel	It is touching the ground while working for supporting. It is also used to adjust the height.
6	Height adjustment knob	It is the knob to adjust the height of the wheel.
7	Protection rubber	Protects from grasses, weeds, stones, sand, etc. scattered by the blade.

## 2.2 Specification

### ■ Standard Specification

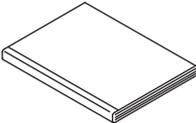
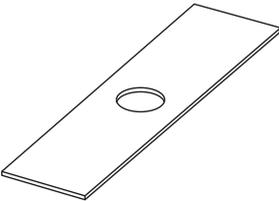
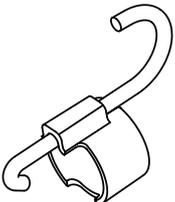
Item	Specification
Blade	φ200

---

## 2.3 Attached Material

The following is the attached material. For the powerhead, refer to the powerhead manual.

### ■ Attached Material

<p>Instruction manual (this book)</p> 	<p>Blade</p> 	<p>Pipe cap</p> 
-----------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------

## 2.4 Model and Position of Serial No.

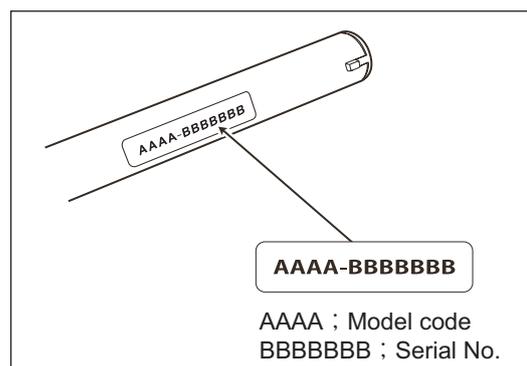
This instruction manual is for attachment of model in same series.

Check the model of your attachment on the nameplate attached to the machine body and read the corresponding sections.

Record serial No. (See “9. Service after Sales”). You will need this serial No. when ordering parts, and when making technical or warranty inquiries.

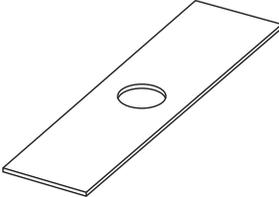
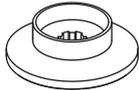
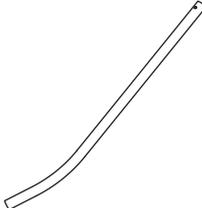
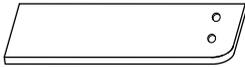
### ▶▶Note

- The model code is 4-digit numeric number for management.  
The model code is different from the model name.



# 2.5 Consumables

The following is the consumables of this attachment.  
Contact the sales agency for the replacement.

<p>Cap</p> 	<p>Blade guard</p> 	<p>Blade</p> 	<p>Blade cap</p> 
<p>Blade mounting bolt</p> 	<p>Flexible shaft</p> 	<p>Pipe compl</p> 	<p>Protection rubber</p> 

---

# 3. Installation and Adjustment

---

## 3.1 Installation Method

### WARNING



**Before installing or removing, stop the engine.**

- \* If the engine starts during the work, hands or fingers could be severed by the moving parts or blade.

### 3.1.1 Combination with Powerhead

#### WARNING



**Do not install any unapproved powerhead to the attachment.**

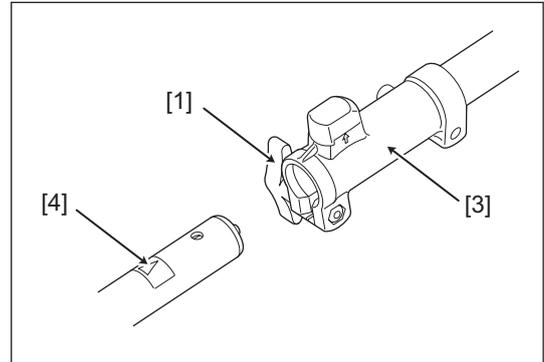
- \* The attachment could come off during use, resulting in a serious accident.

The attachment can be installed only to our approved equipment (shown below).  
For detail, refer to the table below.

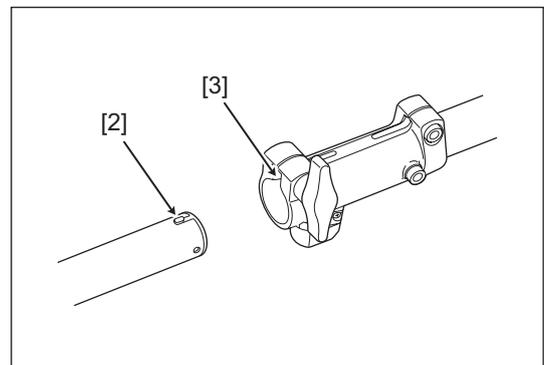
Manufacturer	Our approved powerhead
Thai Honda Manufacturing Co.,Ltd.	<b>UMC425E</b>
Thai Honda Manufacturing Co.,Ltd.	<b>UMC435E</b>
Thai Honda Manufacturing Co.,Ltd.	<b>UMC425U</b>
Thai Honda Manufacturing Co.,Ltd.	<b>UMC435U</b>

## 3.1.2 Connecting

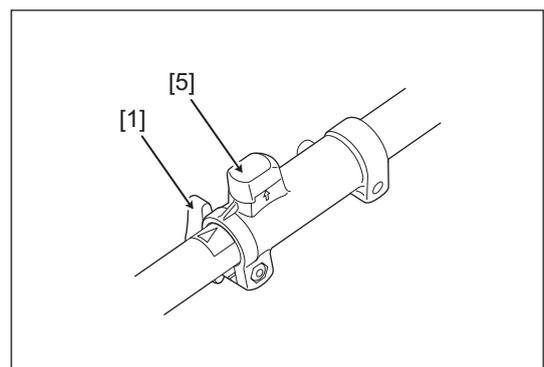
- 1** Loosen the knob bolt [1] of powerhead connections.



- 2** Align the boss (protrusion) [2] at the end of the pipe with the slit of the joint case [3], and insert it to the label [4] position.



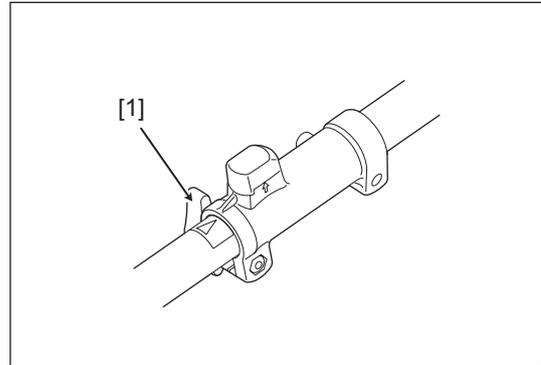
- 3** Make sure that the positioning knob [5] is lowered to the original position, and then tighten the knob bolt [1] of powerhead connections.



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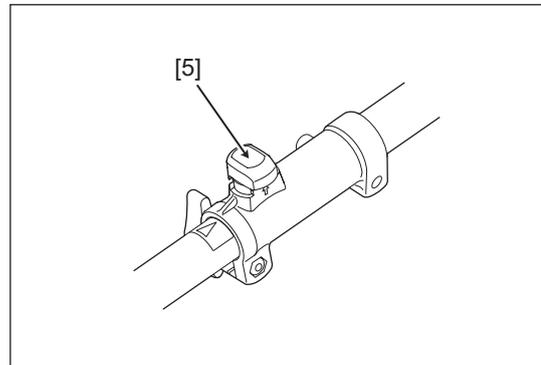
### 3.1.3 Removing

- 1** Loosen the knob bolt [1] of powerhead connections.



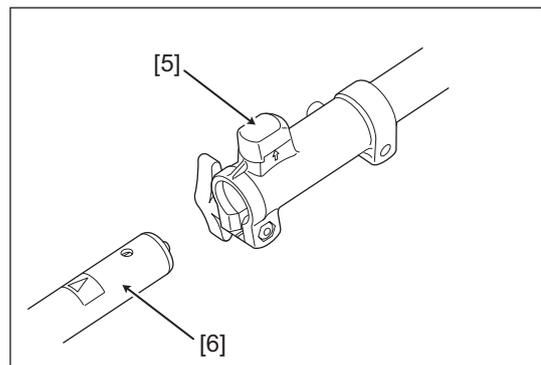
- 2** Lift the positioning knob [5], and turn it.

When the positioning knob is lifted, it can be rotated both clockwise and counterclockwise by 90°.



- 3** Pull out the shaft tube [6].

If the shaft tube is hard to remove, hold it so that the attachment is parallel to the pipe of the powerhead, and then pull out it.



- 4** Turn the positioning knob [5] until it comes to the center.

When the positioning knob is returned to the center, it will be released downward.

## 3.2 Installation and Removal of Blade

### ⚠ DANGER



**Be sure to use blades specified by the manufacturer.**

\* If any blade other than that specified is used, the blade could be damaged or it could come off, resulting in injury of the operator.

**Make sure that the edger is operated normally or there is not any part missing or cracking before starting the operation.**

Especially check looseness of the connections, screws and nuts, and fuel leakage.

\* Otherwise, a serious accident could result.

### ⚠ CAUTION



**Wear gloves when handling the blade during the replacement, etc.**

\* Otherwise, hands or fingers could be severed by the blade.

Thoroughly read “1.2 General Precautions” before installing and removing the blade.

### 3.2.1 Installation of Blade

#### ⚠ DANGER



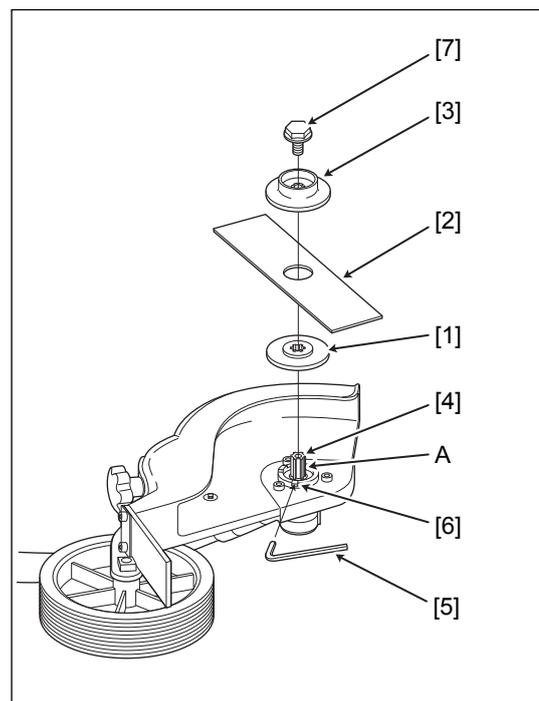
**When replacing the worn or broken blade, replace the blade cap and the blade mounting bolt together as a set.**

\* Otherwise, you will lose your control, causing the blade to come off or edger to become faulty.

- 1** Put on gloves.
- 2** Put the blade guard [1], the blade [2] and the blade cap [3] on the output shaft [4].
- 3** Insert the L type wrench [5] into the groove [6] for fixing gear case and rotate the blade mounting bolt [7] counterclockwise to tighten.

#### ►► Note

- The directions for loosening/tightening the blade mounting bolt [7] are opposite to the ones of general nuts.



---

## **3.2.2 Removal of Blade**

Wear gloves, and remove the blade in the opposite way of the installation of the blade.

---

# 4. Operation

---

## WARNING



**Wear appropriate personal protective equipment when using the edger.**

\* Otherwise, injury may result.

---

## 4.1 Transporting method

### WARNING



**Do not transport the edger by a bicycle and a motorbike.**

\* When the edger is dropped, it could cause injury to the operator unexpectedly and damage to the edger.



**Before transporting the edger, stop the engine, and make the blade stopped.**

\* Body, hands or fingers could be severed or objects could be damaged by contact with the blade.

**When transporting the edger, install it to a harness or keep the balance with the shaft tube.**

\* Otherwise, the edger could fall off, resulting in injury or damage of the edger.

**Remove obstacles, and watch your step when transporting the edger.**

\* If the footing is insecure, an accident due to tripping over or falling could happen.

**Before transporting the edger put on the back of the truck, etc., remove the attachment from the powerhead, and then fix it so as not to move.**

\* Otherwise, the attachment could fall off the truck, causing injury or damage to the edger.

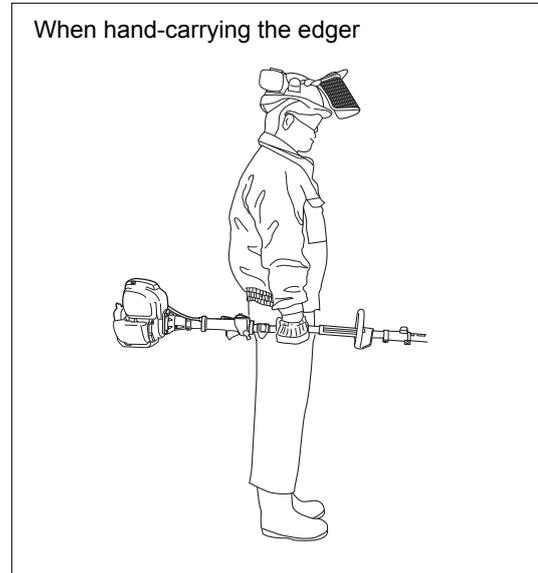
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---

**1** Wear protective equipment. For detail about the protective equipment, refer to "1.4 Protective Equipment".

**2** Make sure that the engine is stopped and the blade is not moving.

**3** <When hand-carrying the edger>  
Install it to the harness or use the shaft tube to keep the balance with the shaft tube.



<When transporting by truck, etc.>

- (1) Remove the attachment from the powerhead.
- (2) Put the edger on the back of the truck, and fix it so as not move.

---

## 4.2 Pre-operation Check

### DANGER



**Make sure that the edger is operated normally or there is not any part missing or cracking before starting the operation.**

Especially check looseness of the connections, screws and nuts, and fuel leakage.

\* Otherwise, a serious accident could result.

Before operating the edger, check the following.

- (a) Check each part. If there is any faulty part, request a repair.
  - Check if there is not any looseness, cracks, bending, and distortion of parts (nuts, screws, etc.)
  - Check if the blade is not damaged.
  
- (b) Check if the edger is operated appropriately. If it is faulty, contact sales agency for repair.
  - Check if the throttle trigger is operated freely (if it is returned to the idling position).
  - Check if the start/stop switch functions normally.
  
- (c) Check the handle for dirt, etc. If it is dirty, wipe it off.
  - Check if it is kept clean (if there is no oil or resin adhering.)
  - Check if it is dried.
  
- (d) Check the idling status. If it is faulty, perform the steps described in the powerhead manual.
  - Check if the blade does not move during idling.
  - Check if the idling is normal.
  
- (e) Tighten the mounting bolts of blade.  
If there is any looseness, it could result in serious injury.  
For tightening the bolts of blade, refer to "3.2 Installation and Removal of Blade".
  
- (f) Check the blade.  
Make sure that there is no break, chip-off, bending, burr, crack, etc.
  
- (g) Make sure that the wheel rotates smoothly.  
If there is any abnormality, clean the wheel according to "5.3.2 Cleaning the wheel".
  
- (h) In addition to the above, perform the steps described in the powerhead manual.

---

## 4.3 Start and Stop

The edger is operated by the powerhead.  
Refer to the powerhead manual.

### 4.3.1 Start

#### DANGER



**The edger must be started in a non-slippery and firm place.**

\* Otherwise, it will cause falling, resulting in serious injury.

#### WARNING



**The edger must be started or operated by one person.**

\* If it is operated by more than one person, it could be miss-handled, and it could contact with a person or objects, resulting in accident.

For starting the edger, refer to the powerhead manual.

### 4.3.2 Stop

When the throttle trigger is released, the engine power will decrease, and the blade will stop operating. However, it will be operating for a while (flywheel effect), and the throttle will not stop immediately after the throttle trigger is released.

Refer to the powerhead manual for details.

---

## 4.4 Precautions for Operation

When operating the edger, observe the following as well as “1.2 General Precautions”.

### ■ General

- If you feel tired during operation, be sure to take a break. If you continue operating without taking a break, the edger could be out of control. Or if you are aggravated by strenuous work, consult a physician (doctor) before operating the edger.
- The edger is not insulated against electric shock. Have a person qualified for electric work remove wires and cables which can be removed. If there are still wires or cables not removable, do not operate the edger.
- Do not cut any materials other than grasses and shrubs.
- Keep the blade from hitting hard matters such as rocks, tree stub and pillars etc.
- Avoid stones and stumps. They could bounce back, or the blade edge and stones, etc. could be scattered, resulting in injury.

### ■ Check of Edger

- Make sure that the blade guard is securely installed to the appropriate position before starting the operation.
- Make sure that an appropriate blade guard is installed.

### ■ Check of Work Area

- Check if there is no hard object such as metal shard which could damage the blade in the work area before starting operation. Pay attention when operating the edger near fences or poles.
- Keep it away from fence edges, cliffs and hard objects.
- Take extreme care when operating in a slippery place. Also watch out for rough ground, stumps, roots, ditches or holes which could cause you to trip or stumble. Do not use the edger when it is raining.
- To prevent fire disaster, do not use the edger in a place where there are organic sediments, fallen leaves or excessive lubricants.

### ■ In Emergency

- If the blade is contacted with obstructions, immediately stop the engine. After the blade is completely stopped, check if the blade is not broken, bent or cracked. If there is any failure, replace the blade. Also, check if the shaft tube is not bent, broken or cracked. If there is any failure, contact the sales agency.
- When removing the foreign objects wound around the blade, gear case or blade guard, be sure to stop the engine with the stop switch. Do not place your hands, etc. close to the blade while the engine is operating even if the blade is not rotating. When the throttle cable is gripped accidentally, the blade will suddenly start rotating, causing serious injury.

- 
- If there is any problem such as a blunt edge of the blade, etc., stop the operation immediately, and make sure that there is no part cracking or lacking. Even if the blade has superficial cracks instead of damage or wear, replace the blade.
  - In case of an accident or abnormality, the edger can be released from the harness or shoulder harness by using the quick release.

## 4.5 Edging Grass

### ⚠ DANGER



**Do not allow children or animals to enter the working range of the edger (within 15m).**

\* Otherwise, a serious accident will happen.

### ⚠ WARNING



**The edger must be started or operated by one person.**

\* If it is operated by more than one person, it could be miss-handled, and it could contact with a person or objects, resulting in accident.

When using multiple edger's at the same time, each operator must be at least 15 meters away from the others.

The following shows examples of use of the edger.

### ■ Holding Method of Edger

- Always hold the edger with both hands during operation.

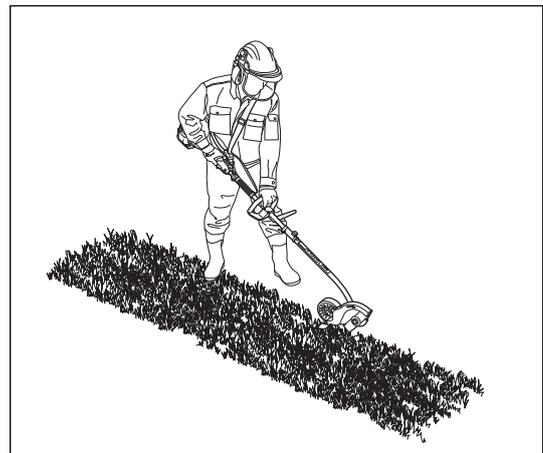
To prevent accidents due to inappropriate operation, always support the edger stably during the operation by folding as follows.

Right hand: Grip the control grip.

Left hand: Grip the loop handle.

(This also applies to left-handers.)

- Always keep the machine away from your body.



### ■ Operating Method

- Align the edging position with the blade, and slowly move forward while edging.
- The wheel must always be touching the ground during the work.
- Do not move backward while edging.  
If the blade rotating at high speed touches something hard such as stones, stumps and pillars, the blade will bounce back in unexpected direction.
- When the ground is hard, sprinkle the ground with water, which makes the work to be easily performed.

## ■ Prohibited Matter

- Do not hold the edger on your left side.

## ▶▶Note

- This edger is designed for the operation with it held on the right side of operator.
- Do not operate with holding the edger at the higher position than your ankle.



## 4.6 Adjustment of Edging Depth

### ⚠ DANGER

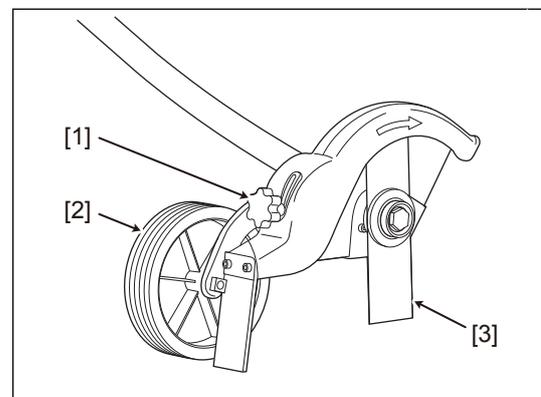


Before/after the edging work, make sure that the knob bolt for adjusting the height of the wheel is tightened.

Before checking the height of the wheel, turn off the engine, and remove the edger attachment from the powerhead.

\* Otherwise, the knob bolt will be loosened during the work, which could cause the height of the wheel to be changed suddenly, resulting in injury.

- 1** Loosen the height adjustment knob [1].
- 2** Move the wheel [2] up/down to adjust the height of the blade [3] from the ground.
- 3** Tighten the height adjustment knob [1].



## 4.7 Actions after Operation

After using the edger, take the following actions.

- 1** Set the start/stop switch to OFF (O side) to stop the engine.
- 2** Tighten all the nuts, bolts, and screws other than the ones for adjusting the carburetor.
- 3** Store the edger according to “6. Storing”.

# 5. Maintenance

## ⚠ DANGER



**Do not grind the blade. Replace with a new blade.**

\* Otherwise, the blade will be broken, resulting in injury

## ⚠ WARNING



**Before performing maintenance, repair or cleaning, stop the engine and remove the attachment from the powerhead.**

\* If the engine starts during the work, hands or fingers could be severed by the moving parts or blade.

**Do not perform any maintenance or repair other than those described in the instruction manual. Request the sales agency.**

\* Otherwise, an accident could happen.

Maintenance items for the attachment are described as follows.  
For maintenance of the powerhead, refer to the powerhead manual.

### ■ Maintenance List

Item	Daily	Every 20 hours or 3 months	As necessary	Remarks
Inspection of blade	○			Refer to 5.1.1
Looseness of screws and nuts	○			Refer to 5.1.2
Removal of foreign objects	○			Refer to 5.1.3
Greasing		○		Refer to 5.2.1
Replacement of blade			○	Refer to 5.3.1
Cleaning of wheel			○	Refer to 5.3.2

---

## 5.1 Daily

### 5.1.1 Inspection of Blade

Check the following.

- The blade are not broken, chipped off , bent, burr or cracks.

If there is any failure, contact the sales agency.

If the edging performance starts to be degraded, for example, the blade is frequently caught in the branches, the blade must be replaced. (Refer to "5.3.1 Replacement of Blade")

### 5.1.2 Looseness of Screws and Nuts

Check the screws and nuts for looseness.

If any, tighten it securely.

### 5.1.3 Removal of Foreign Objects

Remove the blade to remove the foreign objects attached to the part A of gear case.

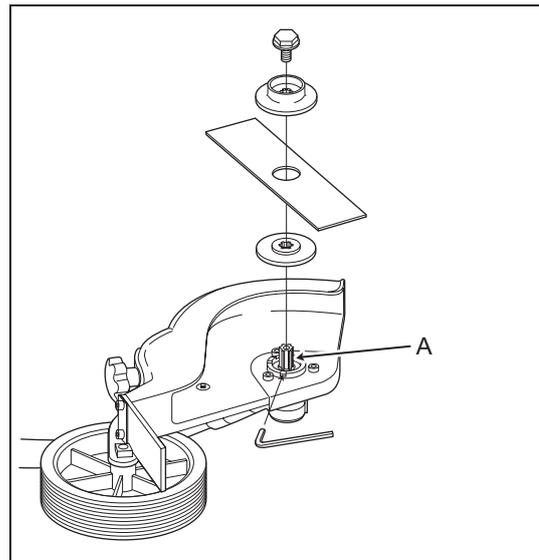
For the replacement of the blade, refer to "3.2.2 Removal of Blade".

#### ▶▶ Note

- If the work is continued without removing the foreign objects, the gear case could be broken, resulting in a serious injury.

Remove the foreign objects attached to the engine.

When the blade is tangled with bands, wires and grasses etc., remove these things.



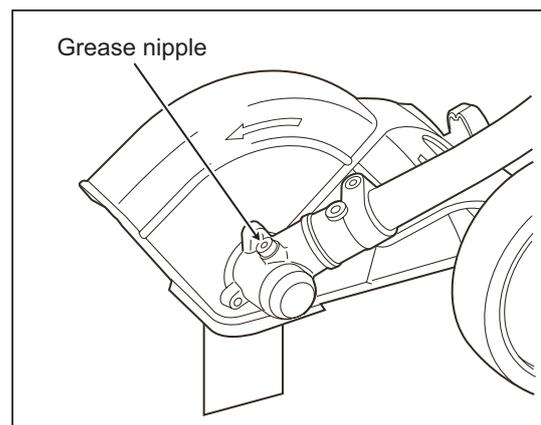
## 5.2 Every 20 Hours or 3 Months

### 5.2.1 Greasing

Apply grease from the grease nipple every 20 hours.  
Use MOLYNOC AP2 of JX Nippon Oil & Energy or equivalent for greasing.

#### ▶▶ Note

- Do not adjust the black screw near the feeler port.  
(it cannot be adjusted with the tool attached.)  
This is a mechanical part for improving safety.



## 5.3 As Necessary

### 5.3.1 Replacement of Blade

#### ⚠ DANGER



When replacing the worn or broken blade, replace the blade cap and the blade mounting bolt together as a set.

\* Otherwise, you will lose your control, causing the blade to come off or edger to become faulty.

Refer to "3.2.1 Installation of Blade" and "3.2.2 Removal of Blade" for replacing the blade.

### 5.3.2 Cleaning of Wheel

- 1** Remove the blade [1].  
Refer to "3.2 Installation and Removal of Blade".
- 2** Remove the cap [2] with a straight slot screwdriver, etc.
- 3** Loosen the bolt [3] and remove the washer (thin) [4], the wheel [5] and the washer (thick) [6] to remove the foreign objects.

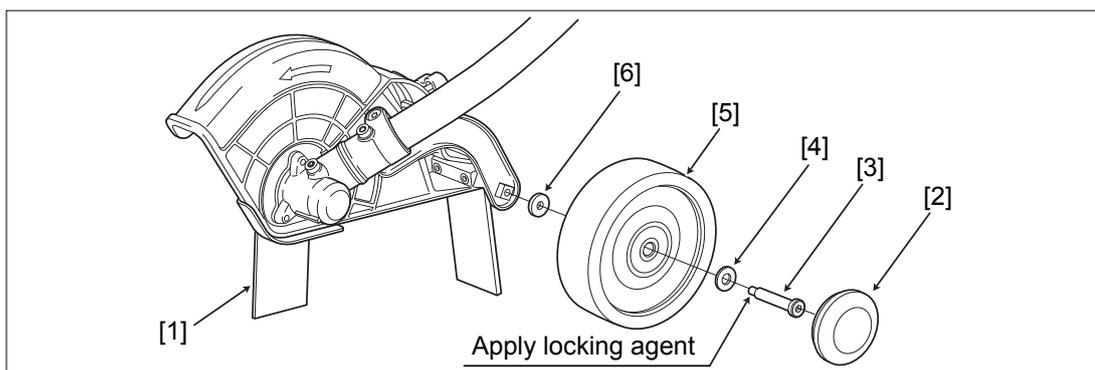
#### ►► Note

- If washing the wheel with water, dry it completely after washing to prevent rust.

- 4** Apply some locking agent (middle strength) to the thread part of the bolt [3].  
Tighten (5.5Nm) the washer (thick) [6], the wheel [5] and the washer (thin) [4] with the bolt [3] and insert the cap [2].

For detailed information of the locking agent, contact the sales agency.

- 5** Make sure that the wheel [5] rotates smoothly.



---

# 6. Storing

---

## DANGER



**Store the grease in a place out of reach of children.**

Also, put them in a container so that the grease is not spilled and make them distinguished to understand contents.

\* When drinking them by mistake, the person will feel physically sick.

## WARNING



**When storing the attachment with the hook of the pipe cap attached to the pipe, etc., do not pull or swing the attachment.**

Or, attach it to the fixed bar having enough strength.

\* Otherwise, it will fall off, causing a serious injury.

## CAUTION



**Do not discard grease into the river, the sea, or the ground.**

\* Otherwise, it could pollute the environment.



**Wear gloves when handling the blade during the replacement, etc.**

\* Otherwise, hands or fingers could be severed by the blade.

**When storing the attachment, remove the blade.**

\* Otherwise, it could cause injury to an operator due to contact with the blade, or even serious injury by getting contact with the blade while the operator is falling down or tumbling.

**When storing the attachment, store it in the place out of reach of children and animals.**

\* Otherwise, it could cause injury to an operator due to contact with the blade, or even serious injury by getting contact with the blade while the operator is falling down or tumbling.

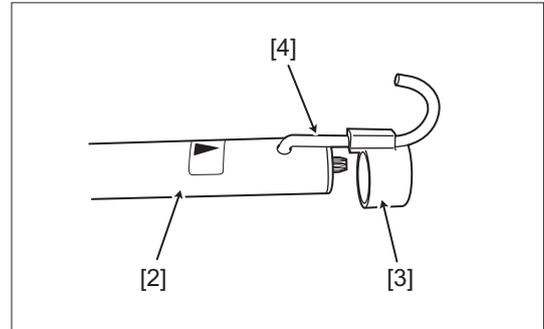
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After the work or when storing, follow the procedure below.

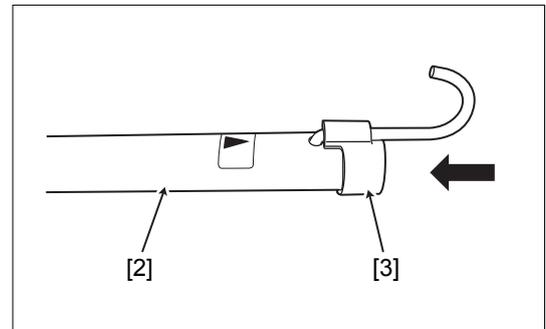
For works after the powerhead operation is completed or storing method, refer to the powerhead manual.

**1** Remove the attachment from the powerhead.

**2** Insert the hook [4] of the pipe cap [3] into the hole of the shaft tube [2]

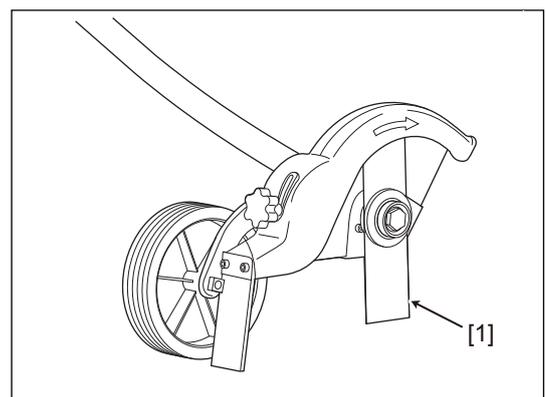


**3** Insert the pipe cap [3] into the shaft tube [2]



**4** Put on gloves

**5** Check if the blade [1] is not damaged.



**6** Remove the blade [1].  
Refer to "3.2.2 Removal of Blade" for removing the blade.

---

**7** Clean the attachment. Wipe off the dirt or stain with a cloth, etc.

**8** Store the edger in the following place.

- (a) Locked place
- (b) High place out of reach of children and other unauthorized person
- (c) Dried and cool dark place

## **7. Waste Disposal**

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For disposal, observe the standards and regulations of your region. If there is any question, contact the sales agency.

# 8. Troubleshooting

In case of failure, follow the table below.

## ⚠ DANGER



**When troubleshooting, stop the engine and then remove the attachment from the powerhead.**

\* If the engine starts during the work, hands or fingers could be severed by the moving parts or blade.

Phenomena	Causes	Measures
The edger does not start	Fuel runs out or fails.	Refuel or replace the fuel by reference to the powerhead manual
	Engine fails.	Refer to the powerhead manual.
	Start/stop switch is off.	Turn on the start/stop switch to start.
Output is not enough.	Throttle cable adjustment is faulty	Refer to the powerhead manual.
	Engine fails.	Refer to the powerhead manual.
Vibration is too large.	Poor balance of attachment	Contact the sales agency.
	Mis-installation of attachment	Check the installed status.
	Looseness of connection of attachment	Contact the sales agency.
	Shaft tube is bent.	Contact the sales agency.
	Blade is cracked or broken.	Contact the sales agency.
	Screws/nuts at the handle mounting parts are loosened	Check the mounting screws/nuts.
Exhaust sound is too large.	Engine fails.	Refer to the powerhead manual.
Blade is blunt	Blade has worn.	Request the sales agency for regrinding or purchase a new blade.
Blade does not stop even if the engine speed is reduced.	Engine fails.	Refer to the powerhead manual.
Blade does not move even if the engine speed is increased.	Gear has worn.	Contact the sales agency.
The edger does not stop.	Engine fails.	Refer to the powerhead manual.
Wheel does not rotate smoothly	Foreign objects are caught inside.	Refer to "5.3.2 Cleaning the wheel".

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# 9. Service after Sales

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For repair, handling method or cleaning, contact the sales agency.

## ■ When Requesting for Repair

If there is any problem, try finding the cause and take measures according to “8. Troubleshooting”. If it does not solve the trouble, contact the sales agency.

## ■ Contact for Repair

Contact the sales agency from which you purchased the edger for repair.

Record serial No. (See “2.4 Position of Model Code and Serial No.”) in the space below. You will need this serial No. when ordering parts, and when making technical or warranty inquiries.

Required information	
Name of product	Edger attachment
Model code & Serial No.	SETE - SETU -
Purchased date	
Sales agency which you purchased from	
Faulty condition	(Explain as much detail as possible.)

# 10. Technical data

		Model	SSET (Europe)		SSET (Australia)	
			UMC425	UMC435	UMC425	UMC435
Powerhead						
Handle						
a)	Mass (without powerhead)	kg	1.9		1.9	
	Length (without powerhead)	mm	700		700	
	Cutting attachments (diameter for blades)	mm	φ200		φ200	
b)	Measured vibration levels (in accordance with EN ISO 22867) Applies to Europe only	Front m/s <sup>2</sup>	4.8	6.0	-	-
		Uncertainty	2.4	2.4	-	-
		Rear m/s <sup>2</sup>	6.2	6.3	-	-
		Uncertainty	2.5	2.5	-	-
c)	Measured sound pressure level (in accordance with 2006/42/EC) Applies to Europe only	dB(A)	91	91	-	-
		Uncertainty	1	1	-	-
d)	Sound power level Australia New South Wales standard Applies to Australia only	dB	-	-	70	72

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## **EC Declaration of Conformity** **( Applies to Europe only )**

Manufacturer NIKKARI CO.,LTD.  
Address 465-1,Saidaiji-Kawaguchi,Higashi-ku,Okayama,704-8125  
Country JAPAN

Type Edger Attachment  
Model SSET  
Serial No. SETE-1000001 ~

Declare, that the following machinery complies with all the essential health and safety Requirements of the EC Directive.

2006/42/EC  
2004/108/EC

The following standards have been applied

EN ISO 12100:2010  
EN ISO 14982:2009

Approved Powerhead

UMC425E  
UMC435E

Issued at: Hiroshi Sugimoto, Japan

on October 1st 2012

Name and position of the person that signs: Hiroshi Sugimoto  
President

Manufacturer' s signature



Person authorised to compile the technical file

Honda Motor Europe Ltd Belgian Branch  
p/a Honda Motor Europe Ltd – Aalst Office  
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