




SKIL PED0900 PWR Core 40 9 in. Edger Attachment Owner's Manual

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SKIL PED0900 PWR Core 40 9 in. Edger Attachment



WARNING: To reduce the risk of injury, the user must read and understand the Owner's Manual before using this product. Save these instructions for future reference.

IMPORTANT SAFETY INSTRUCTIONS

General power tool safety warnings

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

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool. Wear appropriate personal hearing protection during use. Under some conditions and durations of use, noise from this product may contribute to hearing loss. Avoid Dangerous Environments – Don't use appliances in damp or wet locations.

Don't Use In Rain.

- **Keep Children Away** – All visitors should be kept at a distance away from work area.
- **Dress Properly** – Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of rubber gloves and substantial footwear is recommended when working outdoors. Wear protective hair covering to contain long hair. Use Safety Glasses. Always use face or dust mask if operation is dusty.
- **Use Right Appliance** – Do not use appliance for any job except that for which it is intended.
- **Don't Force Appliance** – It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- **Don't Overreach** – Keep proper footing and balance at all times.
- **Stay Alert** – Watch what you are doing. Use common sense. Do not operate the edger when you are tired or while under the influence of alcohol or drugs. Keep guards in place and in working order. Keep blades sharp. Replace dull or worn blade; do not attempt to sharpen. Keep hands and feet away from the cutting area.

Never stand or have any part of your body in line with the path of the edger blade. Store Idle Appliances Indoors – When not in use, appliances should be stored indoors in a dry and high or locked-up place with the battery pack removed and out of reach of children. Maintain Appliance with Care – Keep cutting edge sharp and clean for best performance and to reduce the risk of injury. Follow instructions for lubricating and changing accessories. Keep handles dry, clean, and free from oil and grease.

- **Check Damaged Parts** – Before further use of the product, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless indicated elsewhere in this manual.

Clear the area to be cut before each use. Remove all objects such as rocks, broken glass, nails, wire, or string that can be thrown or become entangled in the cutting attachment. Always hold the edger firmly, with both hands on the handles, while operating. Wrap your fingers and thumbs around the handles.

- **Avoid Accidental Starting** – Don't carry the edger with your finger on the trigger. Do not operate the edger in gaseous or explosive atmospheres. Motors in these appliances normally spark, and the sparks might ignite fumes.

Do not use the edger on or near graveled surfaces.

- **Damage to edger** – If you strike a foreign object with the edger, stop the tool immediately, check for damage and have any damage repaired before further operation is attempted. Do not operate with a broken guard or blade. Replace a cracked, damaged or worn-out blade immediately, even if damage is limited to superficial cracks. Such attachments may shatter at high speed and cause serious or fatal injury. Do not charge the battery pack in rain, or in wet locations. Replacement Parts – When servicing, use only identical replacement parts. Use of any other accessory or attachment may increase the risk of injury. Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards even when the tool is not operating. Take care when performing maintenance or service. Remove or disconnect the battery pack before servicing, cleaning or removing material from the product. Do not wash with a hose; avoid getting water in the motor and electrical connections. Do not incinerate the appliance even if it is severely damaged. The batteries can explode in a fire. If situations occur that are not covered in this manual, use care and good judgment. Contact the Customer Service Center for assistance. Save these instructions. Refer to them frequently and use them to instruct others who may use this tool. If you lend this tool to someone else, also lend these instructions to them to prevent misuse of the product and possible injury.

Use only with 40V Power Head PH0040.

NOTE: SEE YOUR SKIL PH0040 POWER HEAD OWNER'S MANUAL FOR ADDITIONAL SPECIFIC SAFETY RULES. SAVE THESE INSTRUCTIONS!

SYMBOLS

Safety Symbols

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations with them deserve your careful attention and understanding. The symbol warnings do not, by themselves, eliminate any danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.

WARNING Be sure to read and understand all safety instructions in this Owner's Manual, including all safety alert symbols such as "DANGER", "WARNING", and "CAUTION" before using this tool. Failure to following all instructions listed below may result in electric shock, fire, and/or serious personal injury.

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

- This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
- **DANGER** indicates a hazardous situation which, if not avoided, will result in death or serious injury.
- **WARNING** indicates a hazardous situation which, if not avoided, could result in death or serious injury.
- **CAUTION**, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, will result in minor or moderate injury.

Damage Prevention and Information Messages









These inform the user of important information and/or instructions that could lead to equipment or other property damage if they are not followed. Each message is preceded by the word













- **NOTICE** as in the example below:
- **NOTICE:** Equipment and/or property damage may result if these instructions are not followed.

WARNING The operation of any power tools can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and a full face shield when needed. We recommend a Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always use eye protection which is marked to comply with ANSI Z87.1.

SYMBOLS (CONTINUED)








IMPORTANT: Some of the following symbols may be used on your tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and more safely.

Symbol	Name	Designation/Explanation
V	Volts	Voltage (potential)
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watt	Power
kg	Kilograms	Weight
min	Minutes	Time
s	Seconds	Time
Wh	Watt-hours	Battery capacity
Ah	Ampere-hours	Battery capacity
ø	Diameter	Size of drill bits, grinding wheels, etc.
n_{\circ}	Maximum speed	Maximum rotational speed
.../min	Revolutions or reciprocations per minute (rpm)	Revolutions, strokes, surface speed, orbits, etc. per minute
IPX4	Ingress protection degree	Protection from splashing water
0	Off position	Zero speed, zero torque...
1,2,3,... I,II,III,	Selector settings	Speed, torque, or position settings. Higher number means greater speed
	Infinitely variable selector with off	Speed is increasing from 0 setting
	Arrow	Action in the direction of arrow
	Alternating current (AC)	Type or a characteristic of current
	Direct current (DC)	Type or a characteristic of current
	Alternating or direct current (AC / DC)	Type or a characteristic of current
	Class II tool	Designates Double Insulated Construction tools.
	Earthing terminal	Grounding terminal
	Li-ion RBRC seal	Designates Li-ion battery recycling program

Symbol	Name	Designation/Explanation
	Read manual symbol	Alerts user to read manual
	Wear eye protection symbol	Alerts user to wear eye protection
	Always operate with two hands	Alerts user to always operate with two hands
	Do not use the guard for cut-off operations	Alerts user not to use the guard for cut-off operations
	Beware of thrown objects	Alerts user to beware of thrown objects
	Disconnect battery before maintenance	Alerts user to disconnect battery before maintenance
	Wear ear protection	Alerts user to wear ear protection
	Wear head protection	Alerts user to wear head protection
	The distance between the machine and bystanders shall be at least 50 ft (15 m)	Alerts user to keep the distance between the machine and bystanders be at least 50 ft (15 m)
	Wear hand protection	Protect your hands with gloves when handling the edger and its blade. Heavy-duty, nonslip gloves improve your grip and protect your hands
	Wear slip-resistant footwear	Wear non-slip safety footwear when using this equipment
	WARNING – Beware of blade thrust	Warn the operator of the danger of blade thrust

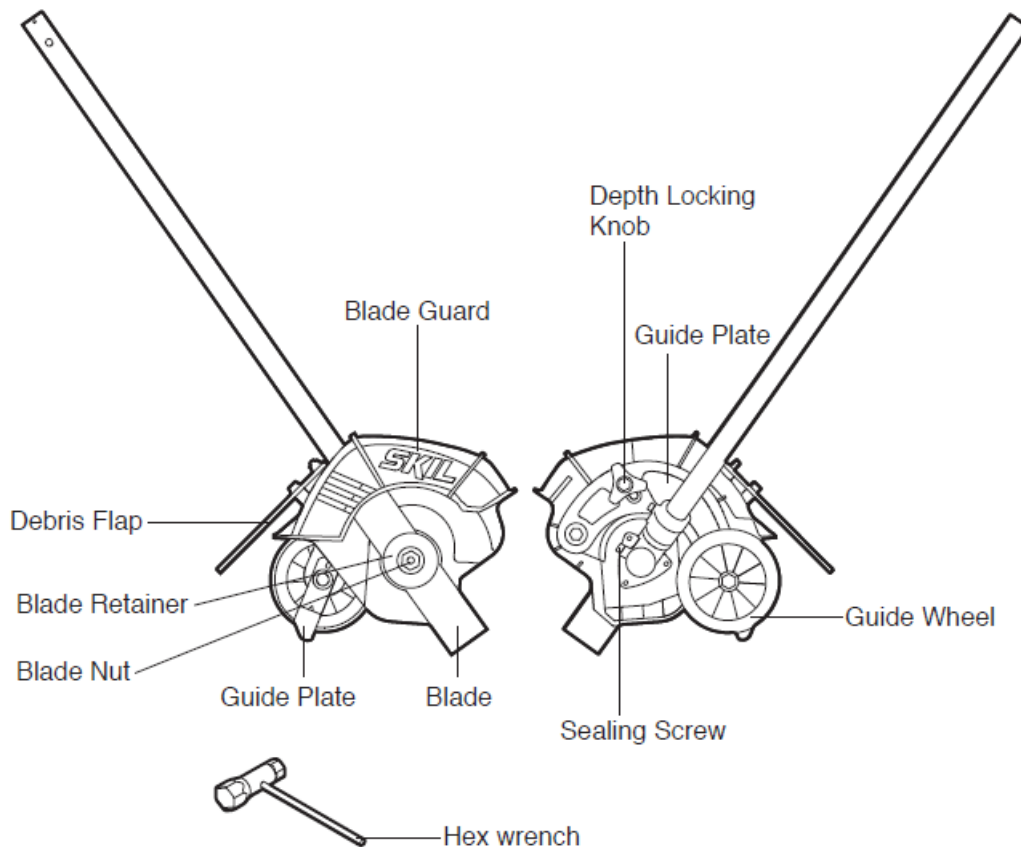
SYMBOLS (CERTIFICATION INFORMATION)

IMPORTANT: Some of the following symbols for certification information may be used on your tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and more safely.

Symbol	Designation/Explanation
	This symbol designates that this tool is listed by Underwriters Laboratories.
	This symbol designates that this component is recognized by Underwriters Laboratories.
	This symbol designates that this tool is listed by Underwriters Laboratories, to United States and Canadian Standards.
	This symbol designates that this tool is listed by the Canadian Standards Association.
	This symbol designates that this tool is listed by the Canadian Standards Association, to United States and Canadian Standards.
	This symbol designates that this tool is listed by the Intertek Testing Services, to United States and Canadian Standards.
	This symbol designates that this tool is listed by the SGS Testing Services, to United States and Canadian Standards.

GET TO KNOW YOUR EDGER ATTACHMENT

Fig. 1



- **WARNING** Remove the tool from the package and examine it carefully. Do not discard the carton or any packaging material until all parts have been examined.
- **WARNING** If any part of the tool is missing or damaged, do not attach the battery to use the tool until the part has been repaired or replaced. Failure to heed this warning could result in serious injury.

SPECIFICATIONS

Blade length	9 In (23 cm)
Edging Depth	3 In (76 mm)
Recommended operating temperature	32 – 104°F (0 – 40°C)
Recommended storage temperature	32 – 104°F (0 – 40°C)

Blade

Metal cutting blade for cutting weeds and soft green plants.

Blade Guard

Reduces the risk of injury from foreign objects flung backwards toward the operator by the cutting blade and from contact with the cutting blade.

Debris Flap

Reduces the risk of injury from foreign objects flung back towards the operator by the cutting blade.

Depth Locking Knob and Guide Plate

Adjust the depth of cut.

Guide wheel

Rolls on ground and keeps edger blade at preset height for required depth of cut.

ASSEMBLY

- **WARNING** To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the tool when assembling parts, making adjustments, cleaning, or when not in use.
- **WARNING** If the parts are replaced, if any parts are damaged or missing, do not operate this product until Use of this product with damaged or missing parts could result in serious personal injury. Connecting the Edger Attachment to the Power Head
- **WARNING** Never operate the power head without an attachment.

Installing the attachment

- Remove the battery pack from the power head.
- Loosen the wing knob on the power head shaft (Fig. 2a).
- The power head has two grooves on the coupler, ONLY the groove 1 is used to connect an attachment.
- Align the spring-loaded pin on the attachment shaft with the groove 1 on the coupler and push the attachment shaft into the power head shaft until the pin pops out of the groove and you hear an audible “click” sound at the same time. (Fig. 2b).

- Pull the attachment shaft to verify that it is securely locked into the coupler.
- Tighten the wing knob securely.

Fig. 2a

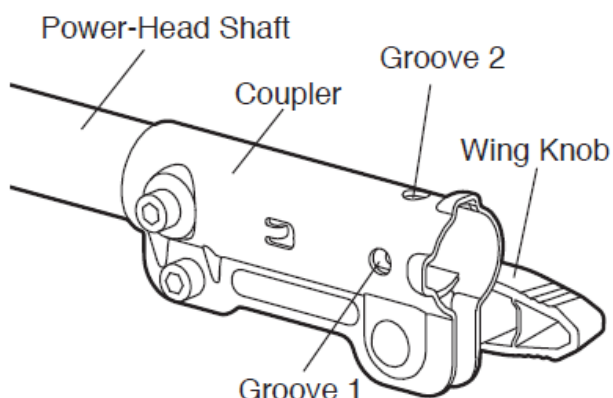
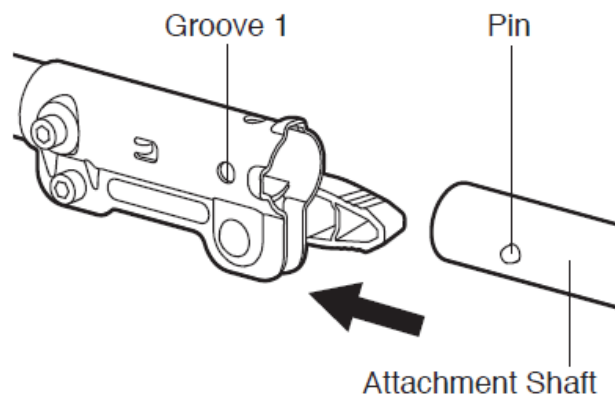


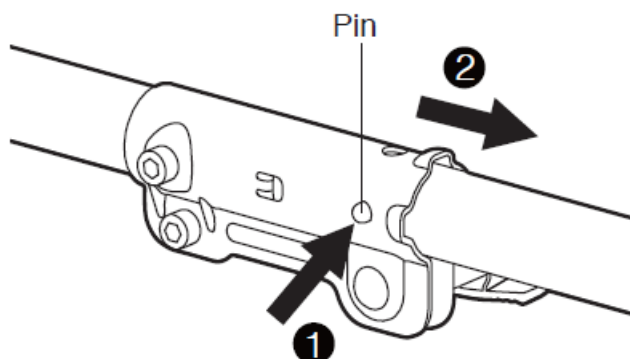
Fig. 2b



Removing the attachment

- Remove the battery pack.
- Loosen the wing knob.
- Press down the spring-loaded pin and pull the attachment shaft out of the coupler.

Fig. 2c



OPERATING INSTRUCTIONS

- To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your tool, battery pack, or charger in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach-containing products, etc. can cause a short circuit.

WARNING Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

WARNING Do not attempt to modify this tool or the battery pack or create accessories not recommended for use with this tool. Any such alteration or modification is misuse and could result in a hazardous condition leading to possibly serious injury.

WARNING To prevent accidental starting that could cause serious personal injury, always remove the battery

pack from the tool when assembling parts, making adjustments, cleaning, or when not in use.

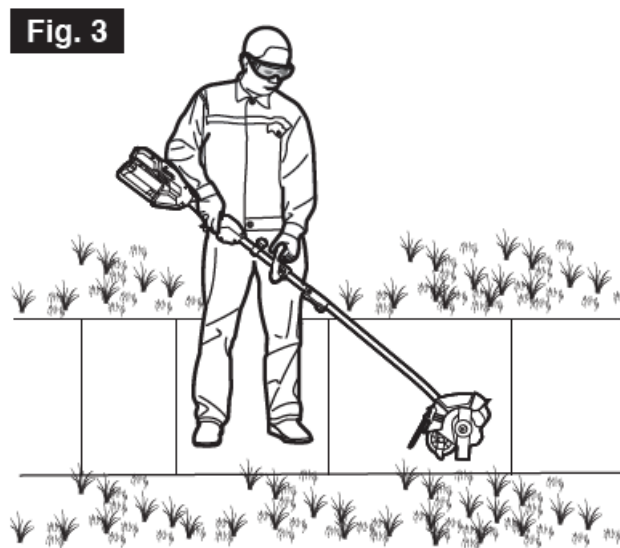
WARNING Do not allow familiarity with this product to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

WARNING Always wear eye protection with side shields marked to comply with ANSI Z87.1, along with hearing protection. Failure to do so could result in objects being thrown into your eyes and other possible serious injuries.

Application

You may use this product for the purposes listed below: Edging around walkways, curbs, flower beds and other similar areas.

Holding the Edger Attachment with Power Head (Fig. 3)



WARNING Dress properly to reduce the risk of injury when operating this tool. Do not wear loose clothing or jewelry. Wear eye and ear/ hearing protection. Wear heavy, long pants, boots and gloves. Do not wear short pants or sandals or go barefoot. Hold the edger with your right hand on the rear handle and your left hand on the front-assist handle. Keep a firm grip with both hands while operating the tool. The edger should be held at a comfortable position with the rear handle at about hip height.

Using the Edger

WARNING To avoid serious personal injury, wear goggles or safety glasses at all times when operating this unit. Wear a face mask or dust mask in dusty locations. Clear the area to be cut before each use. Remove all objects, such as rocks, broken glass, nails, wire, or string that can be thrown or become entangled in the cutting blade. Clear the area of children, bystanders, and pets. Keep all children, bystanders and pets at least 50 ft. (15 m) away. There still may be risk to bystanders from thrown objects; bystanders should be encouraged to wear eye protection. If you are approached, stop the motor immediately.

WARNING To prevent serious personal injury, remove the battery pack from the tool before servicing, cleaning, changing attachments or removing material from the unit.

Check for Damaged/Worn Parts before Each Use

Check the blade, guard and debris flap and replace any parts that are cracked, warped, bent, or damaged in any way. The blade on the side of the unit can dull over time. It is recommended that you periodically sharpen it with a file or replace it with a new blade.

WARNING Always wear gloves when mounting or replacing the guard or when sharpening or replacing the blade. Note the location of the blade and protect your hand from injury.

Clean the Edger after Each Use

See the “Maintenance” section for cleaning instructions.

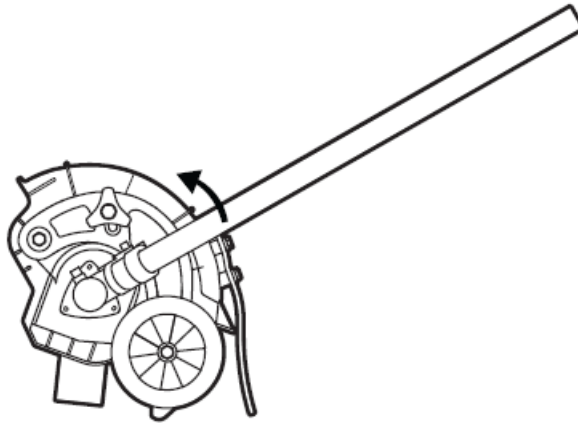
WARNING Never use water to clean your edger. Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents. Use clean clothes to remove dirt, dust, oil, grease, etc.

Adjusting Depth of Cut

Stop the motor and remove the battery pack.

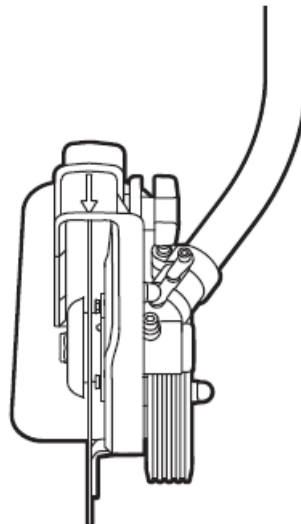
- Loosen the depth adjusting depth locking knob in the COUNTERCLOCKWISE direction (Fig. 4a).
- Move the guide plate up to increase the depth of cut or down to decrease the depth. The depth of cut depends on the unevenness of the ground, your height, and the way you hold the edger. Follow these steps:

Fig. 4a



- Adjust the guide plate so that the blade just touches the ground or breaks the surface of the soil (Fig. 4b).
- Tighten the depth locking knob CLOCKWISE securely.
- Standing in the normal working position, check the depth of cut again and correct it if necessary.

Fig. 4b



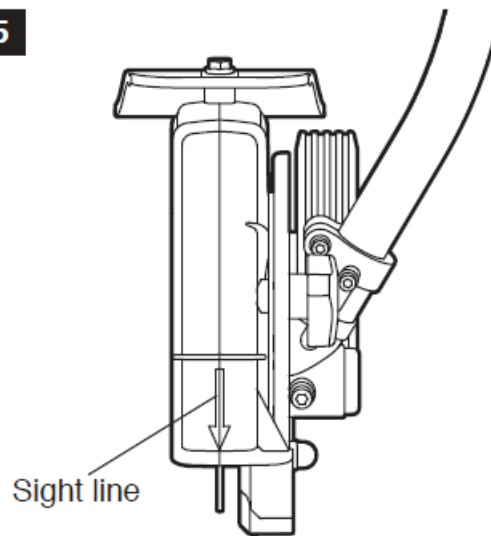
To Start/Stop the Edger Attachment

See “STARTING/STOPPING THE POWER HEAD” section in the PH0040 power head owner’s manual.

Tips for best cutting result

- Hold and guide the edger so that the blade is vertical.
- Operate at no more than a normal walking pace.
- Cut at a steady pace. If the blade begins to bog down, you are edging too fast – slow your pace.
- Do not force the blade into the ground. Light contact of the blade against the sidewalk edge, curb, etc. is acceptable and will not damage the edger.
- Always walk forward when cutting and move the edger forward. Do not pull the edger towards you.
- Use the sight line to align the blade with the edge of the bed (Fig. 5).

Fig. 5



- Best appearance is obtained when grass is dry. Avoid edging in wet soil or wet grass areas where the blade guard might clog and result in an uneven edge. If the blade guard becomes clogged, stop the motor, remove the battery pack, and remove debris from the blade guard.

MAINTENANCE

WARNING

- All maintenance should only be carried out by a qualified service technician.
- Before cleaning or performing any maintenance, remove battery from the tool. For safe and proper operation, always keep the tool and its ventilation slots clean.

Cleaning the Edger

- Remove the battery pack. Clear any grass that may have wrapped itself around the blade hub. Keep the air vents free of obstructions.
- Always use only a soft, dry cloth to clean your edger attachment; never use detergent or alcohol.

Storing the Edger

- Remove the battery pack.

- Clean the tool thoroughly before storing it.
- Store the unit in a dry, well-ventilated area, locked-up or up high, out of the reach of children.
- Keep away from corrosive agents, such as garden chemicals and de-icing salts.

Replacing the Blade

warning

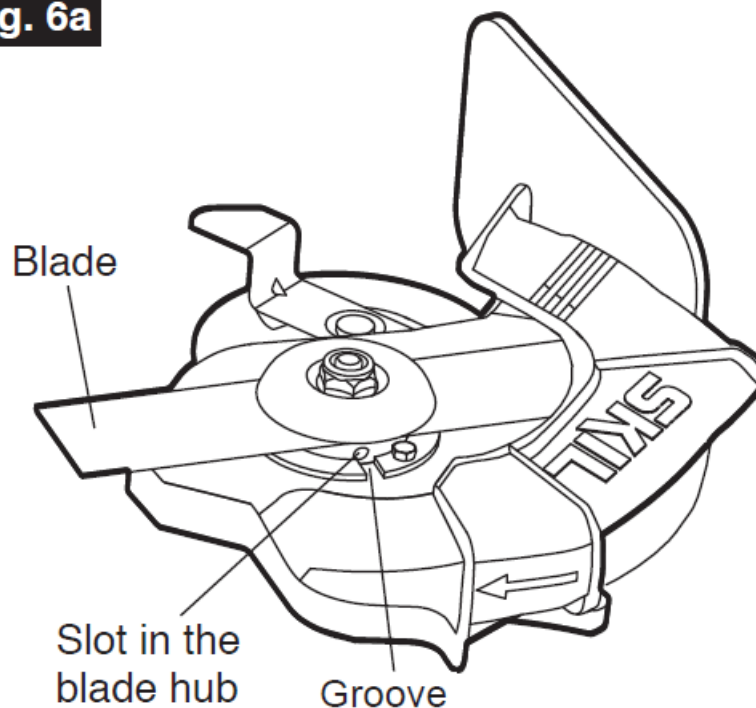
- Do not attempt to straighten or weld a bent or cracked blade as it might break. Such a blade must be replaced. Replace only with identical edger blade.
- Always protect your hands by wearing heavy gloves or wrapping the blade with rags or other materials when performing any maintenance on the edger blade.

NOTICE: Replace the blade if its length is no longer sufficient to maintain the necessary ground clearance and obtain the required depth of cut.

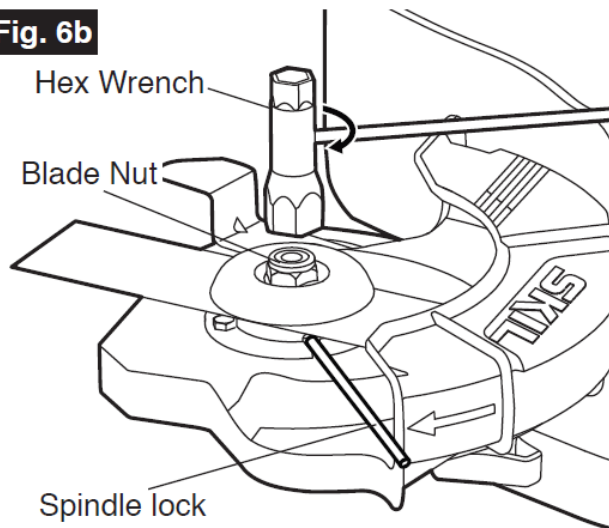
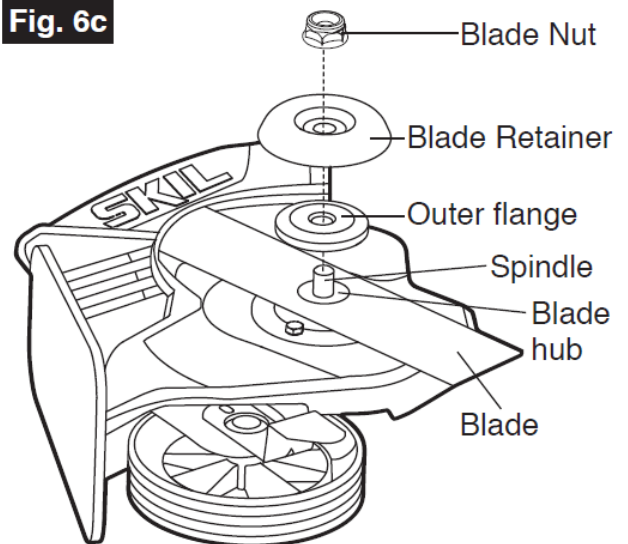
Removing the blade

- Stop the tool and remove the battery pack.
- Lay the edger on its back so that the blade is facing upwards.
- While wearing protective gloves, rotate the blade until the slot in the blade hub is aligned with the groove (Fig. 6a).

Fig. 6a



- Insert a 1/4" (6 mm) hex key or metal rod (not included) into the slot in the blade hub to act as a spindle lock. Use the hex wrench to loosen the nut **CLOCKWISE** (Fig. 6b).
- Remove the blade nut, blade retainer, outer flange, blade, and the blade hub from the spindle (Fig. 6c). Check and replace them if they are worn.

Fig. 6b**Fig. 6c**

Installing the new blade

- Position the blade hub (removed in step “e” of the “Removing the blade” section) onto the spindle with the bulge facing outwards. Ensure that the slot in the blade hub is aligned with the groove on the tool to facilitate the insertion of a ‘spindle lock’ (Fig. 6d).
- Insert a 1/4” (6 mm) hex key or a metal rod into the slot in the blade hub to act as a spindle lock (Fig. 6b).
- Place the new blade onto the blade hub.
- Mount the outer flange, blade retainer and the nut onto the spindle, and pre-tighten the nut COUNTERCLOCKWISE by hand (Fig. 6e).

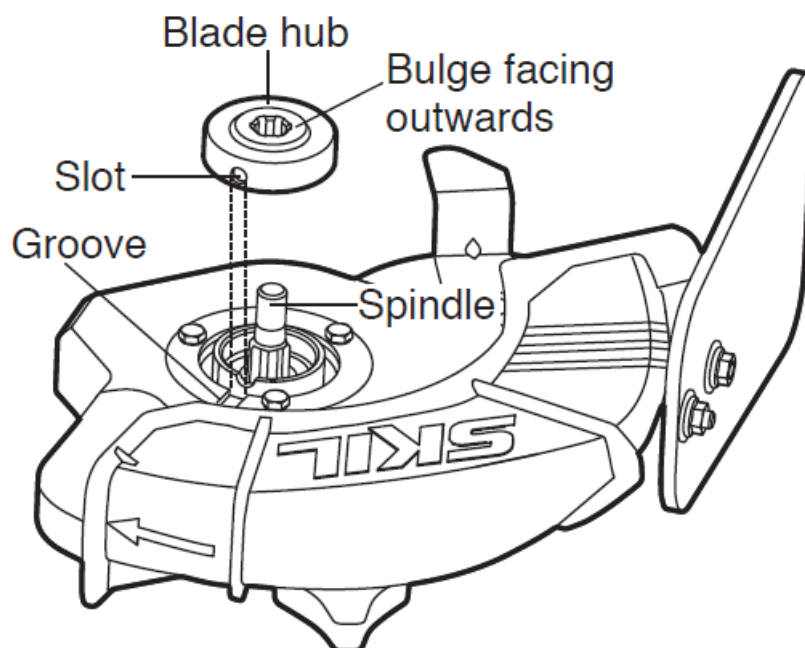
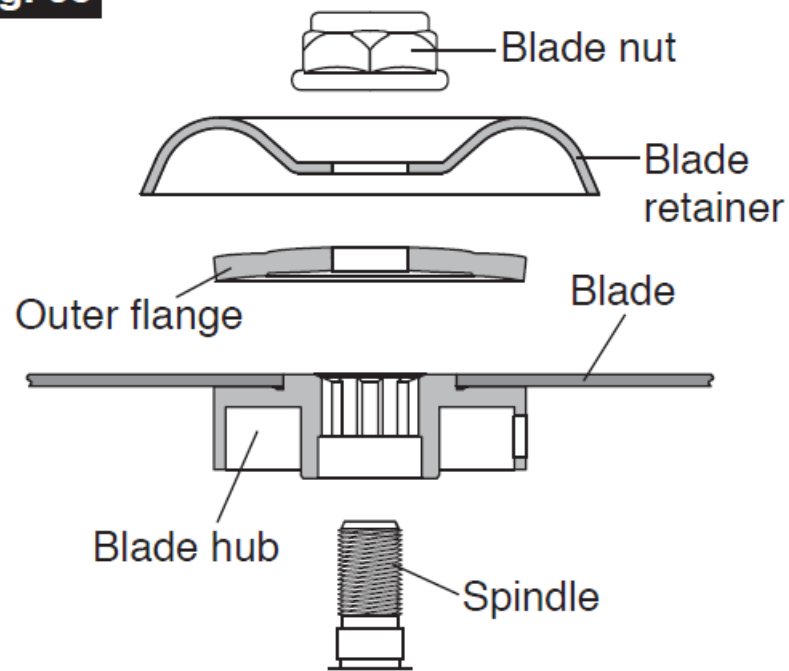
Fig. 6d

Fig. 6e



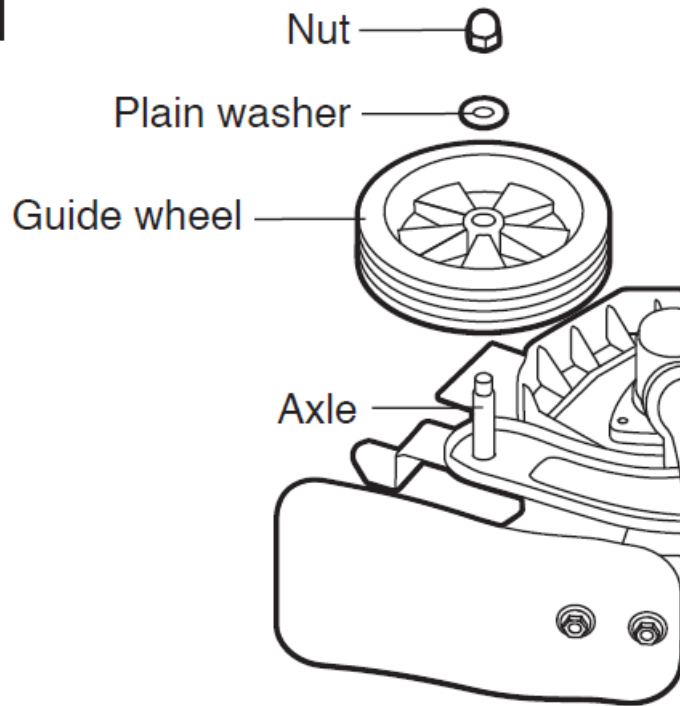
WARNING The bulge of the blade hub must engage the blade’s arbor (Fig. 6c and 6e). There should not be any clearance between the blade and the flat surface of the blade hub.

- Use the multi-function wrench to tighten the nut COUNTERCLOCKWISE securely onto the shaft.

Replacing the Guide Wheel

- Stop the tool and remove the battery pack.
- Lay the edger on its back so that the guide wheel is facing upwards.
- Use the multi-function wrench to loosen the nut in the COUNTERCLOCKWISE direction and remove it.
- Remove the plain washer and guide wheel from the axle (Fig. 7). Check and replace them if they are worn.
- Mount the new wheel, and then mount the plain washer and nut onto the axle in the order shown in Fig. 7. And secure them in place.

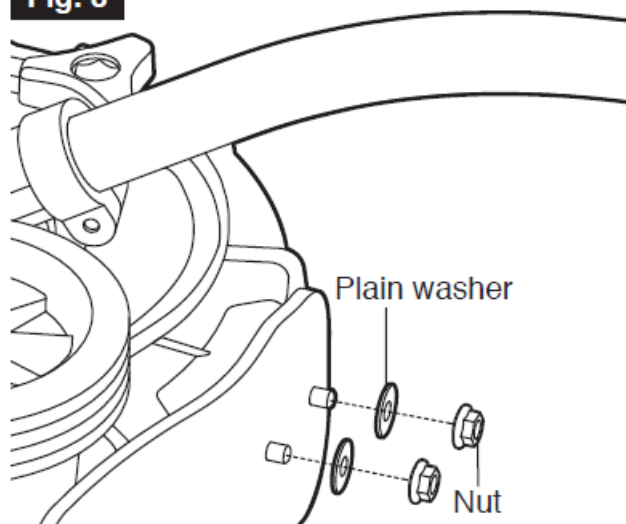
Fig. 7



Replacing the Debris Flap

- Stop the tool and remove the battery pack.
- Use 10 mm wrench or adjustable wrench (not included) to loosen the two nuts in the COUNTERCLOCKWISE direction and remove them.
- Remove the plain washers and worn debris flap (Fig. 8).
- Replace with a new debris flap and secure it with the two plain washers and nuts.

Fig. 8



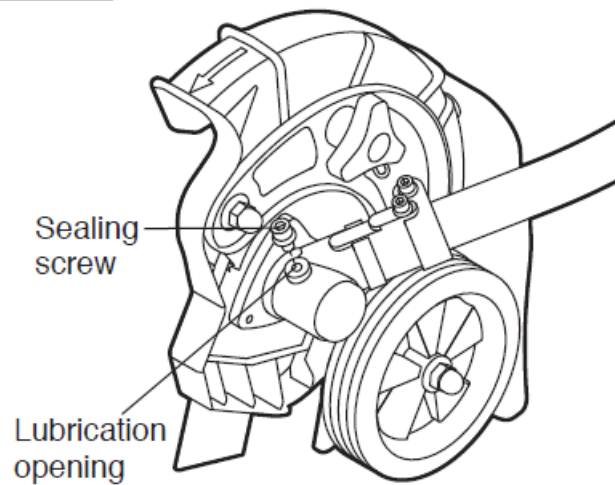
Transmission Gears Lubrication

The transmission gears in the gear case need to be lubricated periodically with gear grease. Check the gear case grease level about every 30 hours of operation by removing the sealing screw on the side of the case.

- Position the edger upright so that the sealing screw is facing upwards (Fig. 9).
- Use a 5 mm hex key (not included) to loosen and remove the sealing screw.

- Use a grease syringe (not included) to inject some grease into the lubrication opening; do not exceed 3/4 capacity. Do not completely fill the transmission gear case.
- Tighten the sealing screw after injection.

Fig. 9



Service

We recommend that all tool service be performed by a SKIL Factory Service Center or Authorized SKIL Service Station.

TROUBLESHOOTING

WARNING Turn the switch to the “OFF” position and remove the battery before performing troubleshooting procedures.

Problem	Cause	Remedy
Tool fails to start.	1. The battery pack is not attached to the power head.	1. Attach the battery pack to the power head.
	2. No electrical contact between the power head and the battery pack.	2. Remove battery pack, check contacts, and reinstall the battery pack until it snaps into place.
	3. The battery pack charge is depleted.	3. Charge the battery pack with chargers listed in the PH0040 manual.
Tool stops during operation.	1. The tool is overloaded. 2. The battery pack or the power head is too hot. 3. The battery pack is disconnected from the tool. 4. Low battery capacity.	1. The tool will recover when the load is removed. For continuous working, reduce the load on the tool. 2. Allow the battery pack or the power head to cool down, and then start the tool again. 3. Re-install the battery pack. 4. Charge the battery pack with chargers listed in the PH0040 manual.
Uneven edge.	1. Grass or soil being edged is too wet. 2. Blade guard is clogged.	1. Avoid edging in wet soil or wet grass. 2. Stop the tool, remove the battery pack, and remove debris from the blade guard.

LIMITED WARRANTY OF SKIL CONSUMER TOOLS

5 YEAR LIMITED WARRANTY

Chervon North America, Inc. ("Seller") warrants to the original purchaser only, that all SKIL consumer TOOLS will be free from defects in material or workmanship for a period of five years from date of purchase, if original

SELLER'S SOLE OBLIGATION AND YOUR EXCLUSIVE REMEDY under this Limited Warranty and, to the extent permitted by law, any warranty or condition implied by law, shall be the repair or replacement of parts, without charge, which are defective in material or workmanship and which have not been misused, carelessly handled, or repaired by persons other than Seller or Authorized Service Station. To make a claim under this Limited Warranty, you must return the complete product, transportation prepaid, to any SKIL Factory Service Center or Authorized Service Station. For Authorized SKIL Power Tool Service Stations, please visit www.Registermyskil.com or call 1-877-SKIL-999 (1-877-754-5999).

- Chervon North America, 1203 E. Warrenville Rd, Naperville, IL 60563.

[illegible]

• **SKIL Innovative Tools with Tech You Can Use | SKIL**