

Radley®

23 cc • 2 Cycle

Lawn Trimmer



3 Year
limited
warranty

15" / 38cm
cutting swath

Owner's Manual



READ ALL INSTRUCTIONS BEFORE FIRST USE.
KEEP THIS MANUAL FOR FUTURE REFERENCE.
KEEP AWAY FROM CHILDREN.

PRODUCT SPECIFICATIONS

LAWN TRIMMER	
Engine displacement	23 cc
Engine type	2-stroke
Line size	0.08" / 2 mm
Cutting swath	15" / 380mm
Fuel tank capacity	13.5 oz / 400 ml
Fuel to oil mix ratio	50:1

NOTE Do not use E15 or E85 fuel (fuel containing ethanol greater than 10%) in this product. It will damage the engine and void your warranty. **FUEL MIXTURE:** This product is powered by a 2-cycle engine and requires pre-mixing gasoline and 2-cycle oil in a 50:1 ratio. Pre-mix unleaded gasoline and 2-cycle engine oil in a clean container approved for gasoline. **DO NOT** mix quantities larger than usable in a 30-day period.

NEED ASSISTANCE?

Call us on our toll free customer support line:

1-833-818-4111 (Monday through Friday, 9am – 5pm, Eastern Standard Time)

- Technical questions
- Replacement parts
- Parts missing from package

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SAFETY INSTRUCTIONS

- Do not allow children or untrained individuals to use this unit.
- Never start or run the engine inside a closed area; breathing exhaust fumes can kill.
- 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.
- Keep all bystanders, children, and pets at least 50' /15.2 m away.
- Wear heavy long pants, long sleeves, boots, and gloves. Do not wear loose fitting clothing, short pants, sandals, jewelry of any kind, or go barefoot.
- Do not operate this unit when you are tired, ill, or under the influence of alcohol, drugs, or medication.
- Do not operate in poor lighting.
- Keep all parts of your body away from any moving parts and all hot surfaces of the unit.
- Wear a face filter mask in dusty conditions to reduce the risk of injury associated with the inhalation of dust.
- Check the work area before each use. Remove all objects such as rocks, broken glass, nails, wire, or string which can be thrown or become entangled in the machine.
- Keep firm footing and balance. Do not overreach. Overreaching can result in loss of balance or exposure to hot surfaces.
- Never operate the unit without a spark arrestor screen; this screen is located inside the muffler.
- Use only identical manufacturer's replacement parts and accessories.
- Use of any other parts may create a hazard or cause product damage.
- Maintain the unit per maintenance instructions in this Operator's Manual.
- Inspect the unit before each use for loose fasteners, fuel leaks, etc. Replace damaged parts.
- Do not use on a ladder, rooftop, tree, or other unstable support. Stable footing on a solid surface enables better control of the trimmer in unexpected situations.
- Before cleaning, repairing, or inspecting, shut off the engine and make certain all moving parts have stopped. Disconnect the spark plug wire and keep the wire away from the plug to prevent starting.
- Service on the trimmer must be performed by qualified repair personnel only. Service or maintenance performed by unqualified personnel could result in injury to the user or damage to the product.

READ ALL INSTRUCTIONS BEFORE USING

- The cutting attachment should never rotate at idle during normal use. The cutting attachment may rotate at idle during carburetor adjustments.
- Use only as directed in this operator's manual.
- Never use blades, flailing devices, wire, or rope on trimmer attachment. Never use flailing devices, wire, or rope on any attachment.
- To reduce the risk of hearing loss associated with sound level(s), hearing protection is required.
- To reduce the risk of injury associated with contacting rotating parts, stop the engine before installing or removing attachments. Always disconnect the spark plug before performing maintenance or accessing any movable parts.
- Never run the unit without the proper equipment attached. Always ensure the grass shield is installed.
- This product is intended for infrequent use by homeowners and other occasional users for such general applications as trimming grass and edging lawns, etc. It is not intended for prolonged use. Exposure to vibrations through prolonged use of gasoline-powered hand tools could cause blood vessel or nerve damage in the fingers, hands and joints of people prone to circulation disorders or abnormal swelling. Prolonged use in cold weather has been linked to blood vessel damage in otherwise healthy people. If symptoms occur such as numbness, pain, loss of strength, change in skin color or texture, or loss of feeling in the fingers, hands or joints, discontinue use of the tool and seek medical attention. For such use, it may be appropriate to use a product having an anti-vibration feature.

FUEL SAFETY

- Fuel is highly flammable. Take precautions when using to reduce the chance of serious personal injury.
- Store fuel in a cool, well-ventilated area, safely away from spark and/or flame-producing equipment.
- Store fuel in containers specifically designed for this purpose.
- Only refuel outdoors and do not smoke while refueling.
- Add fuel before starting the engine. Never remove the cap of the fuel tank or add fuel while the engine is running or when the engine is hot.
- Do not smoke while handling fuel.
- Mix and store fuel in a container approved for gasoline.
- Mix fuel outdoors where there are no sparks or flames.
- Loosen fuel cap slowly to release pressure and to keep fuel from escaping around the cap.
- Tighten the fuel cap securely after refueling.

SAVE THESE INSTRUCTIONS FOR REFERENCE

- Wipe spilled fuel from the unit. Move 30' /9 m away from refueling site before starting engine.
- Never attempt to burn off spilled fuel under any circumstances.
- To reduce the risk of fire and burn injury, handle fuel with care. It is highly flammable.
- If fuel is spilled, do not attempt to start the engine but move the machine away from the area of spillage and avoid creating any source of ignition until fuel vapors have dissipated.
- Replace all fuel tank and container caps securely.
- Empty fuel tank into a container approved for gasoline and restrain the unit from moving before transporting in a vehicle.
- When draining the fuel tank, use an approved fuel storage container in a well-ventilated area.
- Select bare ground, stop engine, and allow to cool before refueling.
- Save these instructions. Refer to them frequently and use them to instruct others who may use this product. If you loan someone this tool, loan them these instructions also.

READ ALL INSTRUCTIONS BEFORE USING

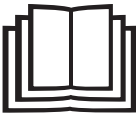





SAFETY INSTRUCTIONS




IMPORTANT

Please read these instructions fully before assembling and operating.

SYMBOLS



The following table depicts and describes safety symbols that may appear on this product. Read, understand, and follow all instructions on the machine before attempting to assemble and operate.

	<p>READ OPERATOR'S MANUAL(S) Read, understand, and follow all instructions in the user manual before attempting to assemble and operate.</p>		<p>WARNING - HOT SURFACE To reduce the risk of injury or damage, avoid contact with any hot surface.</p>
	<p>SAFETY ALERT – Indicates a precaution, a warning, or a danger.</p>		<p>CLEARANCE Keep all objects including others at least 50' /15.2 m from this machine.</p>
	<p>ROTATING STRING TRIMMER HEAD Keep clear of string trimmer head when engine is running. Never point the trimmer at yourself or others. Do not operate unit without proper attachments and guards in place. Stop the engine and allow the trimmer head to stop before cleaning or performing any maintenance. Never put your hand by the trimmer head when engine is running. Contact with rotating parts can cause severe injury.</p>		<p>TOXIC FUMES The engine exhaust from this product contains chemicals known to the state of California to cause cancer and birth defects and other reproductive harm. RISK OF ASPHYXIATION This engine emits carbon monoxide, an odorless, colorless poisonous gas. Breathing carbon monoxide can cause nausea, fainting or death. Use only in a well ventilated area.</p>

	<p>EYE AND EAR PROTECTION Always wear safety goggles or safety glasses with side shields, and as necessary a full face shield as well as full ear protection when operating this product.</p>		<p>THROWN OBJECTS Beware of flying objects that could hit you.</p>
	<p>RISK OF FIRE/EXPLOSION Fuel and its vapors are extremely flammable and explosive. Fire can cause severe burns or death. Do not add fuel while the product is operating or still hot.</p> <p>OPEN FLAME ALERT Fuel and its vapors are extremely flammable and explosive. Keep fuel away from smoking, open flames, sparks, pilot lights, heat, and other ignition sources.</p>		




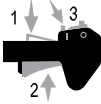
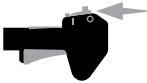


OPERATION SYMBOLS

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to more safely operate the product.

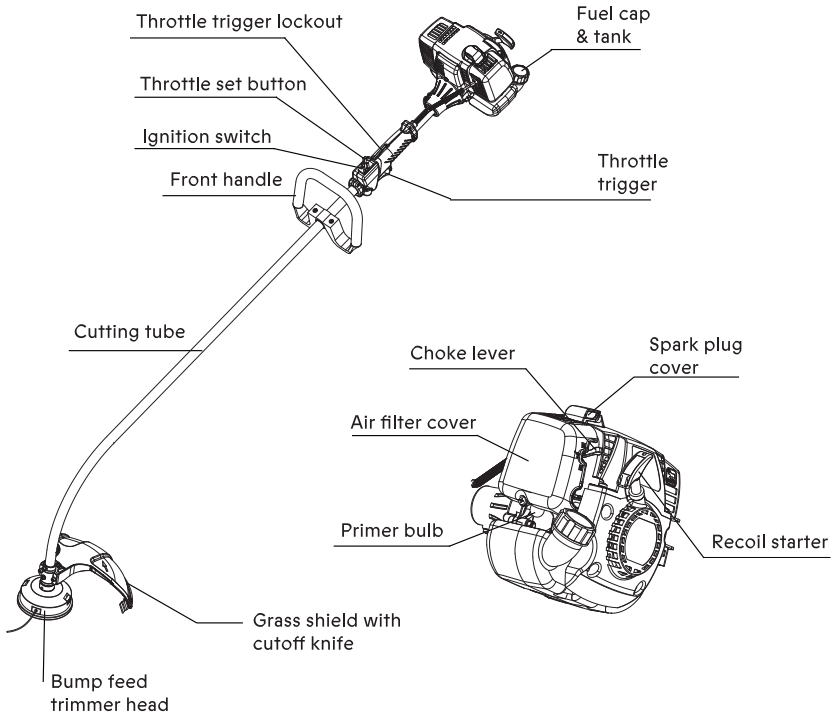
	<p>Choke Move choke lever to “RUN” position. See Starting and Stopping Engine Section.</p>
	<p>Choke Move choke lever to “CHOKE” position. See Starting and Stopping Engine Section.</p>

QUICK START LABEL SYMBOLS

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to more safely operate the product.

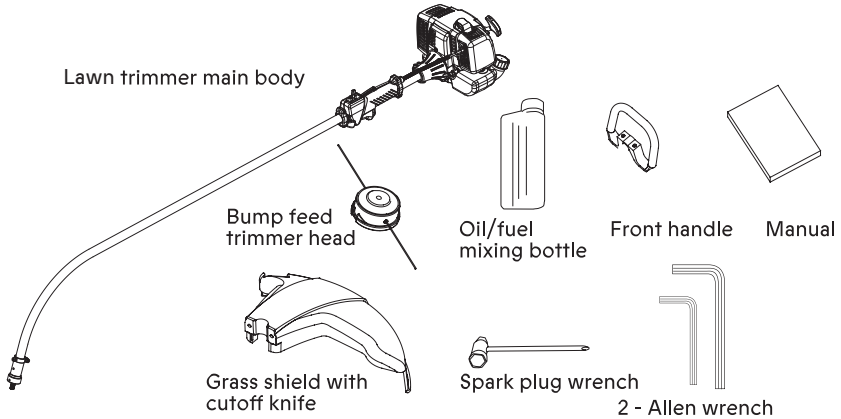
	<p>Check fuel if necessary.</p>
	<p>Move choke lever to "CHOKE" position.</p>
	<p>Primer bulb: Press the primer bulb located at the bottom of the air filter until the primer bulb fills with the fuel mixture</p>
	<p>Set the throttle trigger in the starting position, using the throttle set button. To set the throttle trigger for starting, press the throttle trigger lockout (1) by gripping the control handle, pull the throttle trigger (2), then press and hold the throttle set button while releasing the throttle trigger(3).</p>
	<p>Move the ignition switch to the ON (I) position.</p>
	<p>Holding the unit firmly, pull starter handle until the engine starts.</p>
	<p>Allow the engine to warm up to idle for 30-60 seconds.</p>

KNOW YOUR 2 CYCLE LAWN TRIMMER



INCLUDED PIECES

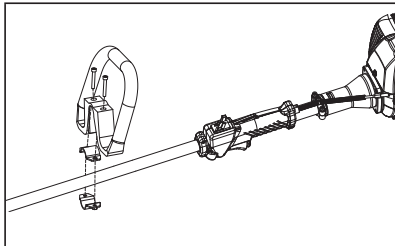
Carefully remove the lawn trimmer from its packaging and check that the following parts are included:



ASSEMBLY

Your trimmer requires some assembly. If you have any questions regarding the assembly of your trimmer, call our Technical Support Team at 1-833-818-4111. Please have your serial number and model number available.

1. Attach the trimmer handle by placing both pieces of the handle around the trimmer shaft at the desired length. Fasten both pieces together by tightening the bolts clockwise with the Allen wrench provided.



2. Install the grass shield by placing bolts through the grass shield assembly and fasten the bolts to the grass shield clockwise using the Allen wrench provided.

! NOTE!

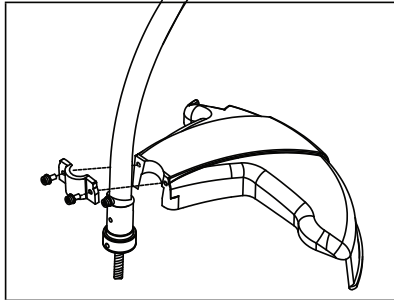
Make sure the grass shield is assembled in line with the sleeve edge at the end of the tube.

! NOTE!

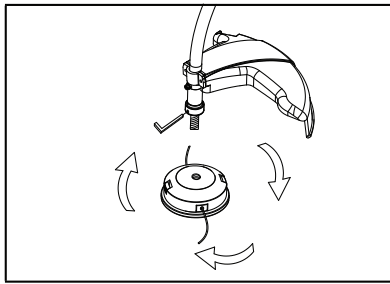
Please remove the cutoff knife cover before use.

! CAUTION :

Pay attention to the cutoff knife to prevent injury to people!



3. Assemble the trimmer head to the unit by placing the trimmer head into the trimmer assembly. Keep the assembly from spinning by placing a screwdriver or Allen wrench in the trimmer head slot. Tighten the trimmer head onto unit by rotating it clockwise .



OPERATION

HANDLING FUELING AND REFUELING

FUEL MIXTURE



CAUTION!

The machine is equipped with a two-stroke engine and must always be run using a mixture of gasoline and two-stroke engine oil. It is important to accurately measure the amount of oil to be mixed to ensure that the correct mixture is obtained. When mixing small amounts of fuel, even small inaccuracies can drastically affect the ratio of the mixture.



WARNING!

Always ensure there is adequate ventilation when handling fuel .

FUEL



CAUTION!

Always use a good quality gas/oil mixture (87 gas).

- If you run the engine on a low octane gas (lower than 87), it can result in knocking. This gives rise to a high engine temperature, which can result in serious engine damage.
- When working at continuous high revs, a higher octane is recommended.
- Gas with up to 10% ethanol is acceptable. Do not use E15 and E85 gas.

TWO-STROKE OIL

- For best results and performance, use good quality two-stroke oil which is intended for air cooled engines. This engine requires two-stroke oil. Mixture 1:50 (2%).
- Never use two-stroke oil intended for water-cooled outboard engines, also referred to as outboard oil.

GAS/ LITRE	TWO-STROKE OIL/LITRE MIXTURE OF 2% - 1:50
1	0.02
2	0.04
3	0.06
4	0.08

MIXING

Always mix the gasoline and oil in a clean container intended for fuel.

Always start by filling half the amount of the gasoline to be used. Then add the entire amount of oil. Mix (shake) the fuel mixture. Add the remaining amount of gasoline.

Mix (shake) the fuel mixture thoroughly before filling the machine's fuel tank. Do not mix more than one month's supply of fuel at a time.

If the machine is not used for some time, the fuel tank should be emptied and cleaned.



WARNING!

The catalytic converter muffler gets very hot during and after use. This also applies during idling. Be aware of the fire hazard, especially when working near flammable substances and/or vapors.

FUELING



WARNING!

Taking the following precautions, will lessen the risk of fire: Do not smoke or place hot objects near fuel.

Always shut off the engine before refueling.

Always stop the engine and let it cool for a few minutes before refueling. When refueling, open the fuel cap slowly so that any excess pressure is released gently.

Tighten the fuel cap carefully after refueling.

Always move the machine away from the refueling area before starting.

1. Place the trimmer on a flat stable surface, with the fuel tank cap facing upwards.
2. Clean the surface around the fuel cap to prevent contamination.
3. Loosen the fuel cap slowly by turning counterclockwise.
4. Pour the fuel mixture carefully into the tank.
5. Only fill the fuel tank to 80% of the full capacity. Fuel level can be seen via the clear fuel tank.
6. Clean and inspect the fuel cap gasket before replacing the fuel cap.
7. Replace the fuel cap and tighten it by turning it clockwise.
8. Wipe spilled fuel from the product.
9. If you spill fuel on the unit, wait 10 minutes after wiping before starting.
10. Move at least 30' / 9 m away from refueling area before starting the product.

NOTE: It is normal for smoke to be emitted from a new engine during first use.



WARNING!

Always shut off engine before fueling. Never add fuel to a machine with a running or hot engine. Wait at least 15 minutes to allow for cool down before refueling. Move at least 30' / 9m from refueling site before starting engine. Do not smoke and stay away from open flames and sparks.

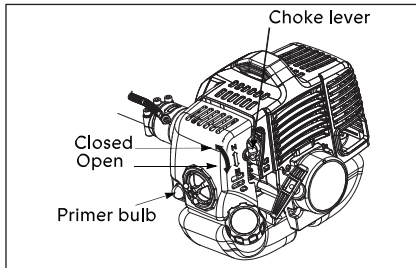
Failure to safely handle fuel could result in serious personal injury.

NOTICE: Do not use E15 or E85 fuel (fuel containing ethanol greater than 10%) in this product. It will damage your engine and void your warranty.

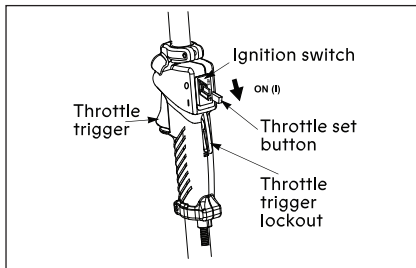
NOTICE: Gasoline containing up to 10% ethanol by volume (commonly referred to as E10) is acceptable. E15 and E85 are not.

STARTING THE ENGINE

1. To start a cold engine, move the choke lever to the CLOSED position. To restart a warm engine, leave the choke lever in the OPEN position.



2. To start a cold engine, or after refueling an engine that has run out of fuel, press the primer bulb 7-10 times.
3. Set the throttle trigger in the starting position, using the throttle set button. To set the throttle trigger for starting, press the throttle trigger lockout by gripping the control handle, pull the throttle trigger, then press and hold the throttle set button while releasing the throttle trigger.



4. Move the ignition switch to the ON (I) position.
5. Set the trimmer on the ground, resting on the grass shield and the fuel tank guard. Do not allow the bump feed trimmer to contact any obstruction. Always rest the trimmer on the ground for starting, rather than holding it in the operating position. This prevents the end of the trimmer from swinging into something as you start the engine.
6. With your left hand, hold the control handle just ahead of the engine. With your right hand, pull the recoil starter lightly until you feel resistance, then pull briskly. Return the recoil starter gently.

7. If the choke lever was moved to the CLOSED position to start the engine, gradually move it to the OPEN position as the engine warms up. Allow the engine to warm up for at least 30-60 seconds after a cold start. When the engine is warm enough to idle well, pull and release the throttle trigger to disengage the throttle set button. The bump feed trimmer head should not rotate with the engine idling. If there is rotation at idle, adjust the idle speed correctly before using the trimmer. For idle adjustment, consult your authorized servicing dealer.

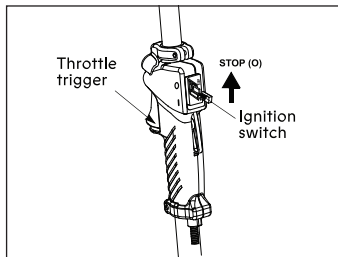
STOPPING THE ENGINE

1. Release the throttle trigger.
2. Move the ignition switch to the STOP (O) position. Wait for the bump feed trimmer head to stop before allowing the end of the trimmer to contact anything.



WARNING!

Maintain proper control of the trimmer until the bump feed trimmer head has completely stopped rotating.

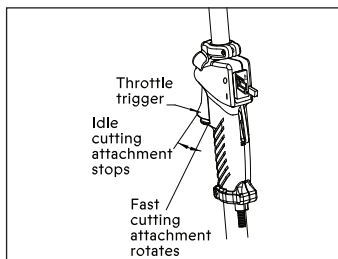


THROTTLE OPERATION

First press the throttle trigger lockout, then pull the throttle trigger toward the control handle to increase engine speed and start the cutting attachment rotation.

The trimmer has the greatest cutting force at maximum engine speed.

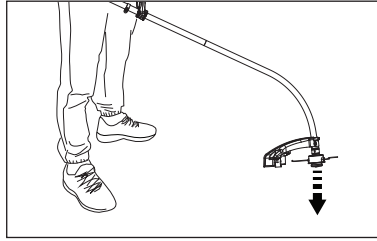
Release the throttle trigger to reduce engine speed. At idle, the cutting attachment should coast to a stop.



TO EXTEND LINE

This unit features a bump feed trimmer head.

If the cutting swath has decreased due to wear or breaking, firmly bump the trimmer head on the ground to extend the line.



PROPER TRIMMER OPERATION SAFETY:

Fully familiarize yourself with the IMPORTANT SAFETY INSTRUCTIONS section. Check your equipment before operation, especially the string head, grass shield, muffler, air intakes, and air filters.

Use only recommended or equivalent replacement line in the cutting head. Do not use any other cutting attachment. To install any other type of replacement line or cutting head to this string trimmer can result in serious personal injury.

OPERATION

Assemble the grass trimmer. Refer to the ASSEMBLY section earlier in this manual.

Start the trimmer. Refer to Starting and Stopping earlier in this manual. Maintain a firm grip on both handles while trimming. Hold the trimmer with your right hand on the throttle and your left hand on the front handle. Keep string head below waist level. Never cut with the string head located over 15"/38.1 cm or more above the ground.

Move the trimmer slowly along outer edge of grass or vegetation to be trimmed.

Cut tall grass from the top down. This will prevent grass from wrapping around the shaft housing and string head which could cause damage from overheating. If grass becomes wrapped around the string head, STOP THE ENGINE, disconnect the spark plug wire, and remove the grass. Prolonged cutting at partial throttle will result in lubricant dripping from the muffler.

GENERAL TIPS

To reduce sound levels, limit the number of pieces of equipment used at any one time.

Keep the trimmer tilted toward the area being cut.

Use the edge of line to do the cutting; do not force the string head into uncut grass.

Fencing, posts, rocks and other items can cause extra wear and possibly breakage of the trimmer line. Take extra care when cutting around these items as they can be damaged by the string.

The curved shaft trimmer cuts when passing the unit from right to left. This will avoid throwing debris at the operator.



WARNING!

Always hold the string trimmer away from the body keeping clearance between the body and the product. Any contact with the housing or string trimmer cutting head can result in burns and/or other serious personal injury.



WARNING!

Always position the unit on the operator's right side. The use of the unit on the operator's left side will expose the user to hot surfaces and can result in possible burn injury. Any contact with the housing can result in burns and/or other serious personal injury.



WARNING!

Never use blades, flailing devices, wire, or rope on this product. 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.

Operate power equipment at reasonable hours only - not early in the morning or late at night when people might be disturbed. Comply with the times listed in local ordinances.

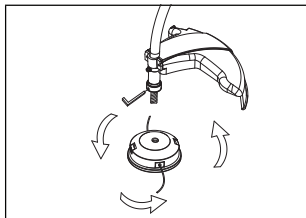


WARNING!

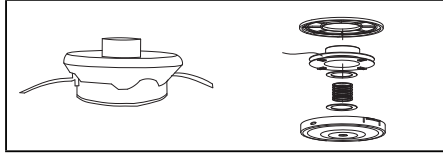
Always wear eye protection with side shields marked to comply with ANSI Z87.1, along with hearing protection. Failure to do so could result in objects being thrown into your eyes and other possible serious injuries.

REPLACING TRIMMER LINE

1. Place the provided Allen wrench or a screwdriver into the cut out on the trimmer head to prevent the assembly from moving.
2. Rotate the head counterclockwise to remove the trimmer head.

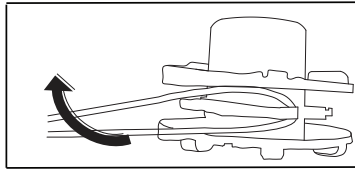


3. Remove the string holder by pressing both tabs as shown at right.

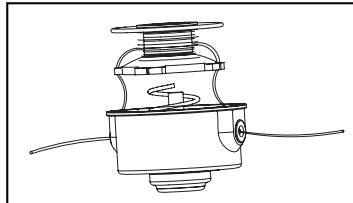
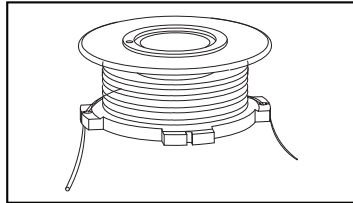


4. Make sure the replacement line is 0.08" / 2 mm line. Fold the replacement string line in half and connect to the spool. Rotate the string around the spool in the direction indicated by the arrows on the spool.

NOTE: Fold the replacement string line as direction shown "RH WIND LINE" instead of the opposite direction.



5. Lock the string into the opposite detents leaving about 5" / 120 mm on each side.



6. Thread the remaining string through the holes on the string trimmer head assembly.
7. Assemble the bump head to the unit by rotating clockwise and adjust the string length as needed.

MAINTENANCE

GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use a clean cloth to remove dirt, dust, lubricant, grease, etc.

WARNING!

Before inspecting, cleaning, or servicing the machine, shut off engine, wait for all moving parts to stop, and disconnect spark plug wire and move it away from spark plug. Failure to follow these instructions could result in personal injury or property damage.

WARNING!

When servicing, use only identical replacement parts. Use of any other parts could create a hazard or cause product damage.

WARNING!

Do not at any time let brake fluids, gasoline, petroleum based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken, or destroy plastic which could result in serious personal injury.

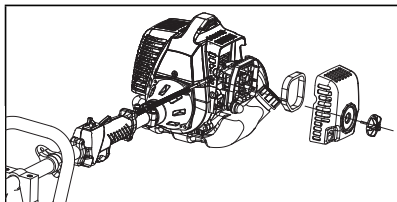
WARNING!

Tampering or adjusting the factory set carburetor will void your warranty coverage.

CLEANING THE AIR FILTER

For proper performance and long life, keep the air filter clean.

1. Move choke knob to CHOKE position (See Start section of manual) to prevent dirt and debris from entering carburetor.



2. Remove the air cleaner cover by turning the cover fastener counterclockwise. Brush away any accumulated dirt from the air filter cover area.
3. Inspect and clean the air filter. To reassemble make sure the filter fits in the cavity and reinstall the filter as shown. Fasten the air filter cover by turning the fasteners clockwise.

FUEL CAP**WARNING!**

Check for fuel leaks. A leaking fuel cap is a fire hazard and must be replaced immediately. If you find any leaks, correct the problem before using the product. Failure to do so could result in a fire that could cause serious personal injury.

SPARK PLUG

1. Remove spark plug and check for worn and rounded center electrode.
2. Clean, adjust or replace with a new spark plug per gap specifications below.

OEM TYPE	CHAMPION RCJ6Y
Replacement type	NGK CMR6A
Gap	0.024" - 0.028"/0.6-0.7 MM

MAINTENANCE SCHEDULE

Follow the service intervals indicated in the following schedule. Service your trimmer more frequently when operating in adverse conditions. Contact our help line authorized service dealer. Time intervals shown are maximum. Actual use and your experience will determine the frequency of required maintenance.

BEFORE USE

- Wipe up fuel leaks, fuel spillage.
- Inspect and clean fuel tank.
- Inspect grass shield and trimmer head.

EVERY 25 HOURS

- Clean cylinder fins and intake cooling vent.
- Inspect and clean the air filter.

EVERY 50 HOURS

- Clean and readjust spark plug gap (gap: 0.6 - 0.7 mm/0.024 - 0.028"), and replace if necessary.
- Clean exhaust port.
- Inspect and clean the air filter.

ANNUALLY

- Replace spark plug.

STORING THE TRIMMER

Clean all foreign material from the product. Store idle unit indoors in a dry, well-ventilated area that is inaccessible to children. Keep away from corrosive agents such as garden chemicals and deicing salts.

Abide by all ISO and local regulations for the safe storage and handling of gasoline.

WHEN STORING 1 MONTH OR LESS:

Fuel stabilizer is an acceptable alternative in minimizing the formation of fuel gum deposits during storage. Add stabilizer to your fuel container (not the fuel tank on the trimmer). Run engine at least 3 minutes after adding stabilizer.

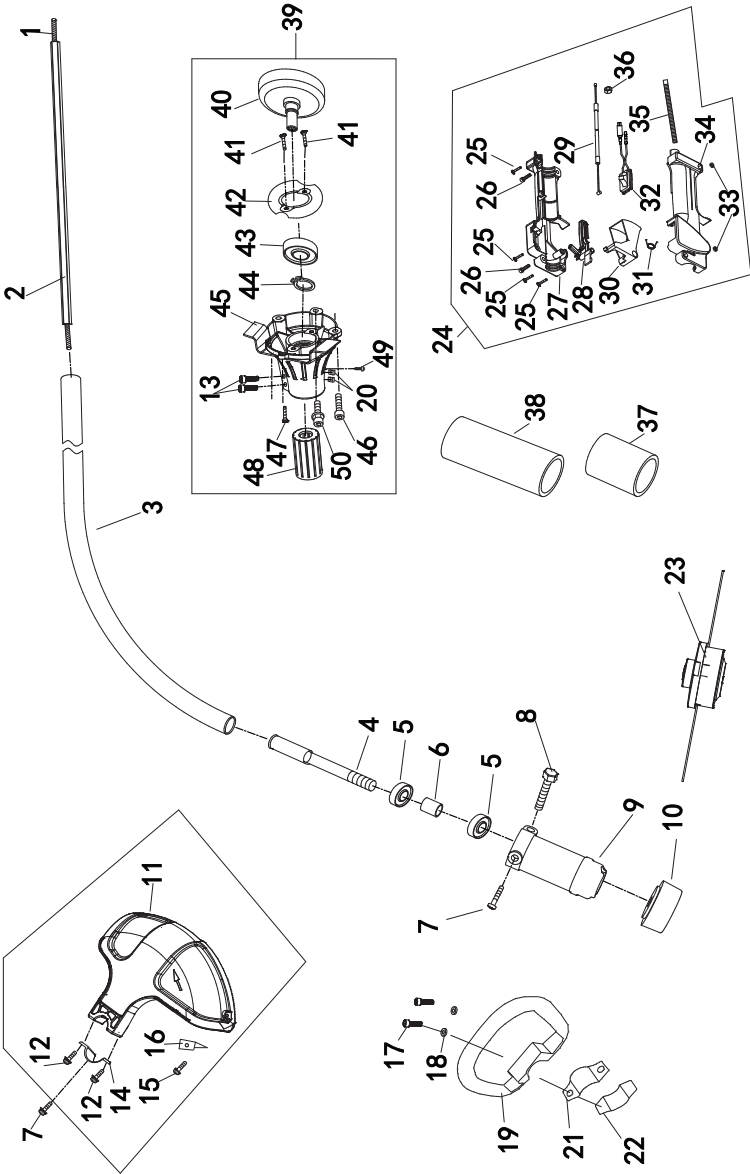
WHEN STORING MORE THAN A MONTH:

Drain all fuel from tank into a container approved for gasoline. Run engine until it stops.

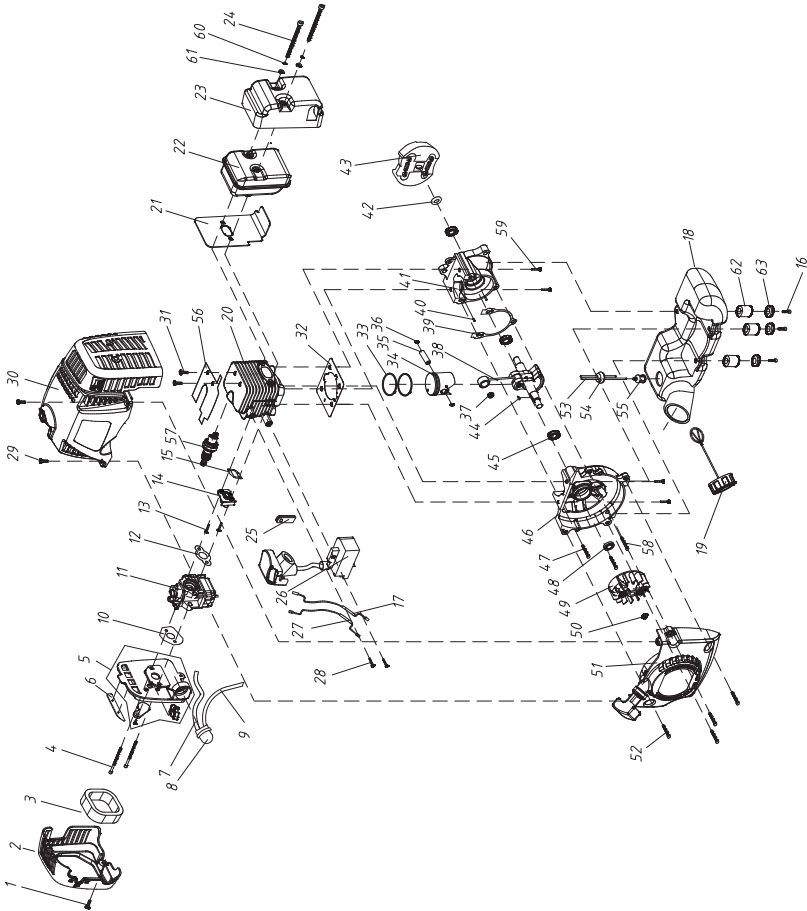
TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Engine does not start.	Fuel mixture is too rich. Fuel strainer clogged. Fuel line clogged. Flooded engine. Spark plug gap is incorrect.	Open choke. Clean fuel strainer. Clean fuel line. Let unit sit for 15 minutes or remove spark plug and clean per manual. Replace or adjust spark plug per instructions.
Engine dies or accelerates poorly.	Air filter is dirty. Incorrect fuel. Exhaust port / spark arrestor screen blocked.	Clean air filter. Drain and fill with correct fuel/new fuel. Clean exhaust port/spark arrestor screen.
Spool retainer is hard to turn.	Screw threads are dirty or damaged.	Clean threads and lubricate with grease - if no improvement, replace the spool retainer.
Grass wraps around drive shaft housing and string head.	Cutting tall grass at ground level. Operating trimmer at part throttle.	Cut tall grass from the top down to prevent wrapping. Operate trimmer at full throttle.

EXPLODED VIEW



ENGINE



PARTS LIST

Number	Part sku	Part Name	Quantity
1	APCA031001	Soft shaft assembly	1
2	APCA031002	Soft shaft support	1
3	APCA031003	Aluminum tube matte	1
4	APCA031004	Drive shaft joint (left handed)	1
5	APCA031005	Rolling bearings 608	2
6	APCA031006	Interval set CG260E	1
7	APCA031007	Hexagon socket screw assembly M5 × 12	2
8	APCA031008	M5 x20 white zinc plated bolts	1
9	APCA031009	Aluminum pipe joint	1
10	APCA031010	Clamp	1
11	APCA031011	Cutter guard	1
12	APCA031012	Hex socket combination white M5×20	2
13	APCA031013	Screw combination (white + inner six combination)	2
14	APCA031014	Cutter guard plate	1
15	APCA031015	Tapping screws	1
16	APCA031016	Rope cutting blade	1
17	APCA031017	Screws 5×25 plated with white zinc	2
18	APCA031018	Gasket white zinc plated	2
19	APCA031019	Pickup (black)	1
20	APCA031020	Square nut M5 white	2
21	APCA031021	Platen	1
22	APCA031022	Lower press plate	1
23	APCA031023	Rope wheel box assembly	1
24	APCA031024	CG430AN control box with CG260GA	1
25	APCA031025	ST4×19-C-H White zinc plated tapping screws	4
26	APCA031026	M5×20 white zinc plated screws	2
27	APCA031027	Right control box (black)	1
28	APCA031028	Lock handle	1
29	APCA031029	Gas line	1
30	APCA031030	Control handle	1
31	APCA031031	Operate torsion spring	1
32	APCA031032	Stop switch assembly	1
33	APCA031033	Locknut M5 white	2

34	APCA031034	Left control box (black)	1
35	APCA031035	Threaded pipe (8 × 210 mm)	1
36	APCA031036	M6 white nut	2
37	APCA031037	Hand pad sets	1
38	APCA031038	Aluminum tube pad sets	1
39	APCA031039	Connection disk combination	1
40	APCA031040	Passive disc welding	1
41	APCA031041	Tapping screws ST4.8×16-C-H plated with white zinc	2
42	APCA031042	Connecting plate baffle	1
43	APCA031043	Rolling bearing	1
44	APCA031044	Retaining ring	1
45	APCA031045	Connecting plate (plastic)	1
46	APCA031046	Screws 5×20 plated with white zinc	1
47	APCA031047	Screws 5×20 plated with white zinc	1
48	APCA031048	Connecting disc rubber sleeve	1
49	APCA031049	Self tapping screw white ST4.2×15	1
50	APCA031050	Screw M5×25	1
Engine			
1	APCA031051	Screw	1
2	APCA031052	Outer cover of air filter	1
3	APCA031053	Air filter element	1
4	APCA031054	Hexagon socket screw assembly	1
5	APCA031055	Air filter inner cover assembly	1
6	APCA031056	Felt pad	1
7	APCA031057	Connecting tubing 110 mm	0.11 m
8	APCA031058	Oiler	1
9	APCA031059	Return pipe	0.095 m
10	APCA031060	Air filter bottom shell pad	1
11	APCA031061	Carburetor	1
12	APCA031062	Carburetor gasket	1
13	APCA031063	Screw M5×20	2
14	APCA031064	Inlet pipe	1
15	APCA031065	Inlet pipe pad	1
16	APCA031066	Screw M5×35	3
17	APCA031067	Stop line 1	1

18	APCA031068	Fuel tank	1
19	APCA031069	Tank cap combination black	1
20	APCA031070	Cylinder block	1
21	APCA031071	Silencer pad	1
22	APCA031072	Silencer complement	1
23	APCA031073	Muffler shield	1
24	APCA031074	Hexagon socket screws M5X60 grade 12.9	2
25	APCA031075	Rubber plug	1
26	APCA031076	Combination of the stator	1
27	APCA031077	Stop line	1
28	APCA031078	Screw M4X16	2
29	APCA031079	Since the tapping ST4.2X12	2
30	APCA031080	Cylinder cover	1
31	APCA031081	Screw M5X10	3
32	APCA031082	Cylinder cushion	1
33	APCA031083	Piston ring	2
34	APCA031084	Piston	1
35	APCA031085	8X25.5 piston pin	1
36	APCA031086	Piston pin retainer 0.8X9.4	2
37	APCA031087	Needle roller bearing with small head	1
38	APCA031088	Crankshaft connecting rod combination	1
39	APCA031089	Crankcase gasket	1
40	APCA031090	Cylindrical pin	2
41	APCA031091	Rear half crankcase	1
42	APCA031092	Clutch gasket	1
43	APCA031093	Combination of clutch	1
44	APCA031094	Woodruff key 3X3.7X10	1
45	APCA031095	Rolling bearing 6001/P53	2
46	APCA031096	Front half crankcase	1
47	APCA031097	Screw M5X20	2
48	APCA031098	12X22X7 oil seal	2
49	APCA031099	Rotor combination	1
50	APCA031100	Lock nut M8X1.25	1
51	APCA031101	Combination of starter	1
52	APCA031102	Screw	4

54	APCA031103	Tubing stopper	1
55	APCA031104	Fuel oil filter	1
56	APCA031105	Top air deflector of cylinder block	1
57	APCA031106	The spark plug	1
58	APCA031107	Screw M5X25	1
59	APCA031108	Screw M5X16	4
60	APCA031109	Washer 5	2
61	APCA031110	Washer 5	2
62	APCA031111	Heat insulation pad (black)	3
63	APCA031112	The gasket	3

WARRANTY

RADLEY 2 CYCLE LAWN TRIMMER WARRANTY

If this Radley tool fails due to a defect in material or workmanship within three years from the date of purchase, it has a three-year repair warranty with the original bill of sale. This warranty does not include expendable parts including but not limited to blades, brushes, belts, light bulbs and/or batteries. This warranty covers defects in material or workmanship only. It does not cover normal wear and tear, failure due to abuse/misuse, or defects caused by careless or accidental mishandling. If this Radley product is used for commercial or rental purposes, this warranty does not apply.

23 cc • 2 Cycle

Lawn Trimmer

3 Year
limited
warranty

15" / 38cm
cutting swath

Owner's Manual



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