

Radley®

15" Push Reel Lawn Mower



Item # 5122-003

3 Year Limited Warranty on tool

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



**WEAR CSA APPROVED
EYE PROTECTION**



**WEAR EAR
PROTECTION**



**WEAR A
FACE MASK**

PRODUCT SPECIFICATIONS

15" PUSH REEL LAWN MOWER	
Cutting path	15" (381 mm)
Height adjustments	4 presets – from 5/8" - 1 5/8" (15-40 mm)
Number of blades	5 Helical blades
Weight	16.5Lbs (7.1kg)

NEED ASSISTANCE?

Call us on our toll- free customer support line:

1-866-349-8665 (Monday through Friday 9am – 5pm Eastern Standard Time)

- Technical questions
- Replacement parts
- Parts missing from package

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SAFETY WARNINGS

IMPORTANT SAFETY INSTRUCTIONS

⚠ WARNING: READ AND UNDERSTAND ALL INSTRUCTIONS. Failure to follow all instructions listed below may result in serious personal injury.

⚠ WARNING: This symbol points out important safety instructions, which if not followed, could endanger the personal safety and/or property of yourself and others. Read and follow all instructions in this manual before attempting to operate this machine. Failure to comply with these instructions may result in personal injury.

⚠ DANGER: This machine was built to be operated according to the safe operation practices mentioned in this manual. Carelessness or error on the part of the operator can result in serious injury. This machine is capable of amputating fingers and toes and throwing objects. Failure to observe the following safety instructions could result in serious injury.

Read this operator's manual carefully in its entirety before attempting to assemble this machine. Read, understand, and follow all instructions on the machine and in the manual(s) before operation. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.

1. Never place hands, fingers, or feet inside the reel. Although a motor does not power this mower, when the wheels turn, the reel spins and can cause serious injury.
2. Be completely familiar with the proper use of this machine before operating it.
3. This machine is a precision piece of power equipment, not a toy.
Therefore, exercise extreme caution at all times. This machine has been designed to perform one job: to mow grass. Do not use it for any other purpose.
4. Never allow children under 14 years of age to operate this machine. Children 14 and over should read and understand the instructions and safe operation practices mentioned in this manual and on the machine and they should be trained and supervised by an adult.
5. Only responsible individuals who are familiar with these rules of safe operation should be allowed to use this machine.
6. Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones, toys and other foreign objects.
7. To help avoid blade contact, stay in operator zone behind handles and keep children, bystanders, helpers and pets away from mower while it is in operation. Stop machine if anyone enters area.
8. Wear sturdy, rough-soled work shoes and close-fitting slacks and shirts. Shirts and pants that cover the arms and legs and steel-toed shoes are recommended. Never operate this machine in bare feet, sandals, slippery or lightweight (e.g., canvas) shoes.
9. Do not put hands or feet near rotating blades. Contact with blades can amputate fingers and toes.

10. Many injuries occur because of the mower being pulled over the foot during a fall caused by slipping or tripping. Do not hold on to the mower if you are falling, release the handle immediately.
11. Be careful when pulling the machine backward. Look down and behind to avoid tripping. Be sure you are well balanced with sure footing.
12. Do not operate the mower while under the influence of alcohol or drugs.
13. Never operate the mower in wet grass. Always be sure of your footing. A slip and fall can cause serious personal injury.
14. Mow only in daylight or good artificial light. Walk, never run.
15. The cutting blade may continue to rotate for a few seconds after the mower has stopped moving. Never place any part of the body in the blade area until you are sure the blade has stopped rotating.
16. Use safe lifting practices when moving mower.
17. Only use parts and accessories made for this machine by the manufacturer. Failure to do so can result in personal injury.
18. If situations occur which are not covered in this manual, use care and good judgement. Contact Customer Support for assistance.
19. Mower blades are sharp and can cut. Wear gloves and use extra caution if handling them.
20. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
21. Never tamper with safety devices. Check their proper operation regularly.

Slope Operation

Slopes are a major factor related to slip and fall accidents, which can result in severe injury. Operation on slopes requires extra caution. If you feel uneasy on a slope, do not mow it. If the slope is greater than 15 degrees, do not mow it.

Do:

1. Mow across the face of slopes; never up and down. Exercise caution when changing direction on slopes.
2. Watch for holes, ruts, rocks, hidden objects, or bumps which can cause you to slip or trip. Tall grass can hide obstacles.
3. Always be sure of your footing. A slip and fall can cause serious personal injury

Do Not:

1. Do not mow near drop-offs, ditches, or embankments, you could lose your footing or balance.
2. Do not mow slopes greater than 15 degrees.
3. Do not mow on wet grass. Unstable footing could cause slipping.

CHILD SAFETY

Tragic accidents can occur if the operator is not aware of the presence of children.

- Keep children out of the mowing area and under the watchful care of a responsible adult.
- Do not allow children under the age of 14 to operate this reel mower. Children who are 14 years of age and older must read and understand the operating instructions and safety rules in this manual and must be trained and supervised by a parent.
- Stay alert and stop pushing the mower if a child or any other person enters the mowing area.
- Look behind and down for small children before and while moving backwards.
- Use extreme care when approaching blind corners, doorways, shrubs, trees, or other objects that may obscure your view of a child who may run into the path of the mower.

WARNING (PROPOSITION 65)

Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products, and
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

SERVICE


Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. For service, we suggest you return the product to your nearest AUTHORIZED SERVICE CENTER for repair. When servicing, use only identical replacement parts.







WARNING







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

SAFETY SYMBOLS

 **WARNING:** 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 operate the product better and safer.

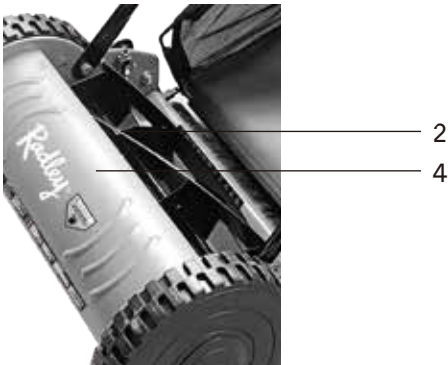
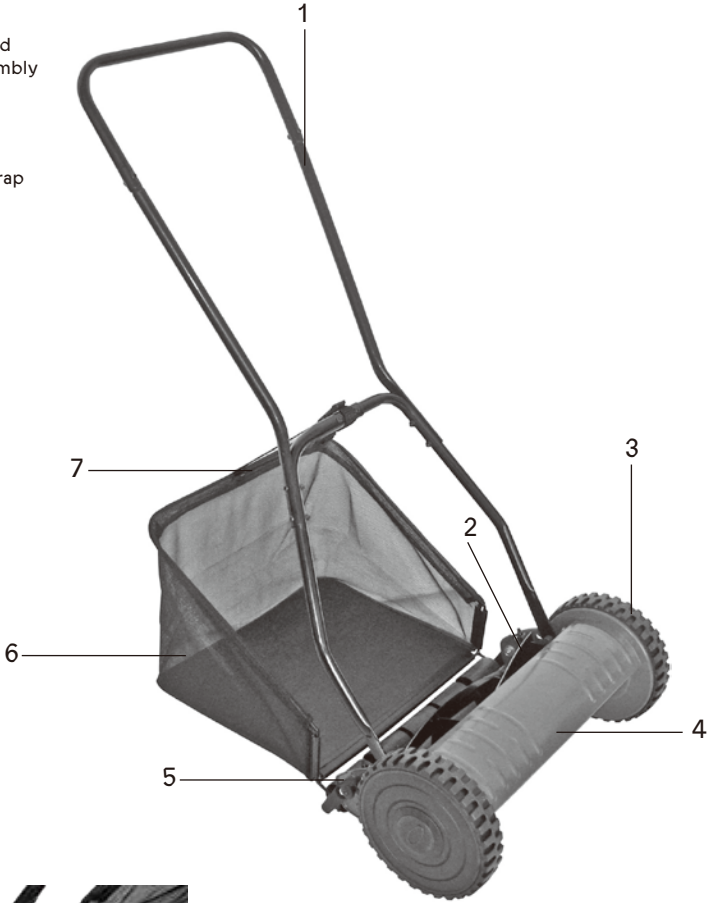
SYMBOL	NAME	DESIGNATION/EXPLANATION
	Read The Operator's Manual	To reduce the risk of injury user must read and understand operator's manual before using this product.
	Eye and Head Protection	Wear eye and head protection when operating this equipment.
	Ricochet	Thrown objects can ricochet and result in personal injury or property damage.
	Sharp rotating blade	Danger – Keep hands and feet away from blade.
	Operating on a slope	Do not mow a slope that has an angle of greater than 15°.
	Keep Bystanders Away	Keep all bystanders at least 50 ft. away.

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
	DANGER	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	WARNING	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	CAUTION	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	CAUTION	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

KNOW YOUR 15" PUSH REEL LAWN MOWER

- 1. Push bar
- 2. Roller cutter and blade reel assembly
- 3. Wheel
- 4. Housing
- 5. Guide roller
- 6. Grass basket
- 7. Grass basket strap



ASSEMBLY AND OPERATION

Box contents

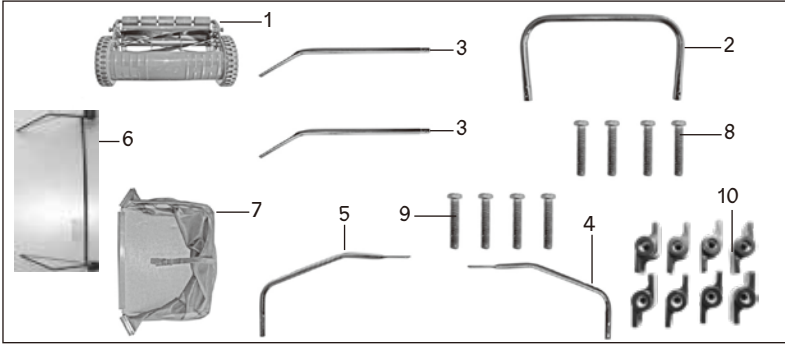


Fig. 1

Mower assembly

NOTE: Do not completely tighten bolts until assembly is complete.

Screw the push bar top section (2) (Fig. 2) to the two push bar extensions (3) (Fig. 2). Use the two screws M6x25 (9) (Fig. 2) and two hexagonal nuts M6 (10) (Fig. 3) for this purpose.

- | | |
|--|--------------------------|
| 1. Roller cutter and blade reel assembly | 7. Grass basket and belt |
| 2. Push bar top section | 8. Screw M6 x 35 (4x) |
| 3. Push bar extension (2-piece) | 9. Screw M6 x 35 (4x) |
| 4. Push bar bottom section A | 10. Knob (8x) |
| 5. Push bar bottom section B | |
| 6. Bar frame | |

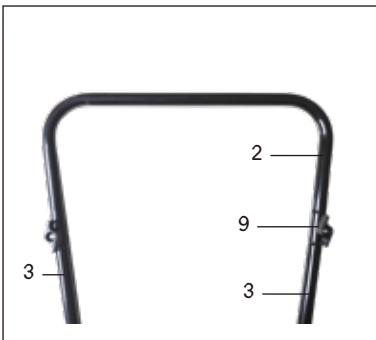


Fig. 2

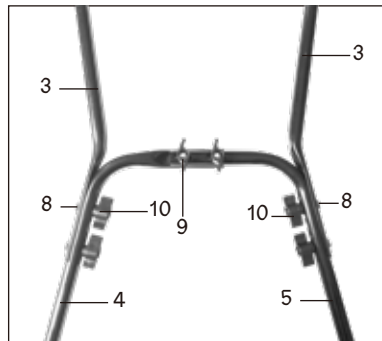


Fig. 3

Screw push bar bottom section (4) (Fig. 3), push bar bottom section (5) (Fig. 3) and the two push bar extensions (3) (Fig. 3) together. Use four screws size M6 x 30 (8) (Fig. 3), two screws size M6 x 25 (9) (Fig. 3) and hexagonal nuts size M6 (10) (Fig. 3).

First attach one push bar bottom section to the roller cutter and blade reel assembly, then press the push bar together slightly and attach the other side. (Fig. 4)

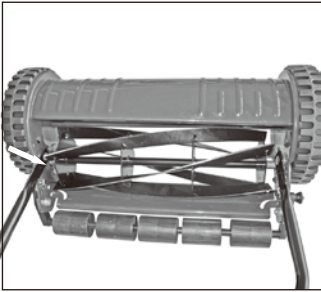


Fig. 4

Grass basket assembly (Fig. 5 / 6)

- A. Push the bar frame into the grass basket tube.
- B. Snap the side fastening lugs on the grass basket over the bar frame.
- C. Snap the bottom fastening lug on the grass basket over the bar frame.

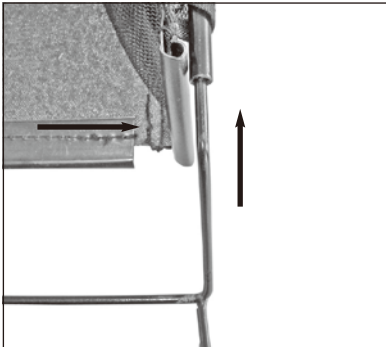


Fig. 5

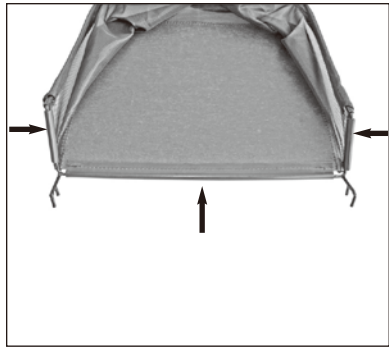


Fig. 6

Cutting height adjustment (Fig. 7)

The cutting height of the mower adjusts from 5/8" - 1-5/8" (15 - 40 mm) with 4 preset positions. To adjust height, pull the spring-loaded bolts (A) on both sides of mower out and then release to engage them in the hole at the desired setting.

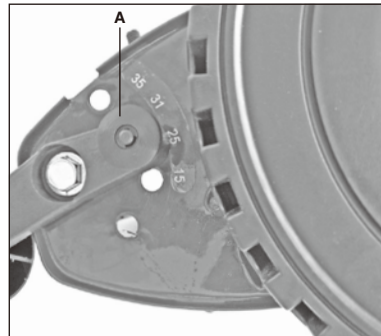


Fig. 7

Balancing the cutting bar (Fig. 8)

⚠ WARNING: Mower blades are sharp and can cut.

Wear gloves and use extra caution. Never place hands, fingers, or feet inside the reel. Although a motor does not power this mower, when the wheels turn the reel spins and can cut.

Note: The cutting bar (B) must be adjusted only before using the machine for the first time or if the blades on the mower spindle are worn.

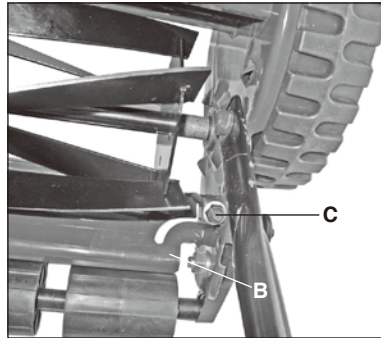


Fig. 8

- Misalignment can occur when blades are either too loose or too tight. This can cause an uneven cut or difficulty pushing the mower.
- Each end of the cutting bar should be adjusted separately. To move the cutting bar closer to the blades, turn the adjustment screw clockwise. To move the cutting bar away from the blades, turn the adjustment screw counterclockwise.
- In order to perform this adjustment, you must first loosen the upper lock nut located between the front and rear radial wheels.

⚠ CAUTION: Adjusting the screws for blade adjustments is a very sensitive procedure. A sixteenth of a turn is considered a major adjustment. Before tightening one adjustment screw, make sure to loosen the opposite screw an equal amount.

- Undo the adjusting nuts (C) (10 mm) on both sides and adjust the cutting bar to the required position.

CHECKING THE ADJUSTMENT

- Turn mower upside down.
- Insert a piece of paper between cutting bar and reel blades, and slowly turn wheel by hand.
- All blades should slice the paper evenly, along the entire length of the cutting bar while the reel turns smoothly.
- If the mower cuts intermittently, adjustments should be made to the appropriate side of the blades to attain proper cutting action.

Operation

- The mower can cut grass up to approx. 4" (10 cm) in length.
- When starting the mowing session (and when mowing over freshly laid sod), it is advisable to set the cutting height relatively high, then gradually work your way down.
- For optimum results, mow your lawn on a weekly basis. Grass blades grow thicker, faster, and are more resilient when their stems are consistently kept short (unless you live in very dry conditions and do not frequently water).
- Always mow the lawn when is dry.

⚠ WARNING: Never operate the mower in wet grass. Always be sure of your footing. A slip and fall can cause serious personal injury.

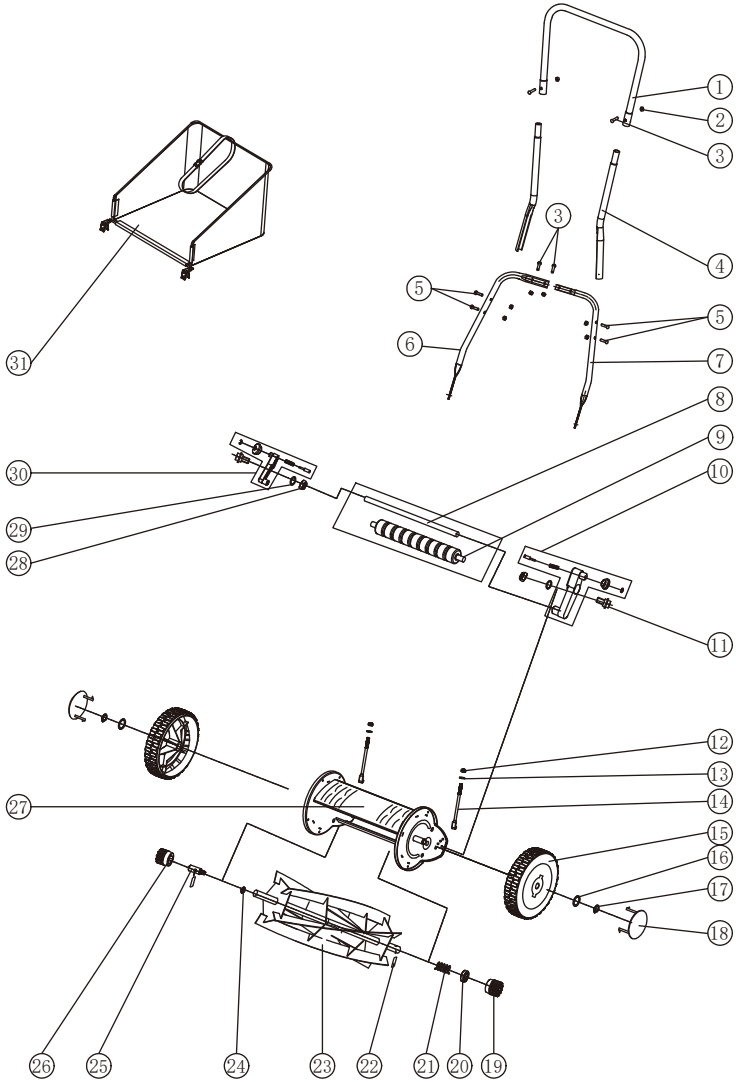
- To ensure that your lawn has a clean, even look to it when you're finished, mow in straight paths at walking pace. The cutting swaths should always overlap each other by a few centimeters to avoid unsightly strips of grass.

Maintenance and storage

1. Clean the mower with a brush or rag after each use.
2. Store the mower in a location that is dry and not accessible by children.
3. Before each use, ensure all mounting components (i.e., screws, bolts, nuts etc.) are tight so that the mower can be safely operated at all times.
4. Replace excessively worn or damaged parts immediately.
5. To ensure that you enjoy your mower for many years to come, clean and lubricate all moving parts and ensure the blades are sharp. Lubricate the axle and pinion with a light film of wheel bearing grease.
6. Keeping your mower in good condition not only ensures a long lifespan and high performance, but also enables the mower to thoroughly cut your grass with minimal effort.
7. The blade on the mower spindle is subject to more wear and tear than any other component of the unit. Check the condition of the blade on the mowing spindle at regular intervals and make sure that it is tightly fastened .

⚠ WARNING: Mower blades are sharp and can cut. Wear gloves, and use extra caution. Never place hands, fingers or feet inside the reel. Although a motor does not power this mower, when the wheels turn the reel spins and can cut.

EXPLODED VIEW



PARTS LIST

⚠ WARNING: When servicing, use only original equipment replacement parts. The use of any other parts may create a safety hazard or cause damage to the push reel lawn mower .

For more information, call the Toll-free Helpline, at 1-866-349-8665;
Monday - Friday: 9am to 5pm Eastern Standard Time.

Always order by part number.

Key #	Part #	Part Name	Quantity
1	105003051001-01	Push handle	1
2	GB/T41 M6	M6 nut	8
3	21200094	M6x25 bolt	4
4	101014052001-01	Connection handle	2
5	21200095	M6x30 bolt	4
6	107001054001-01	Body handle (right)	1
7	107001053001-01	Body handle (left)	1
8	101014039006-01	Ground roller tube	1
9	101013036000-01	Ground roller	5
10	101014170000-01	Ground roller assembly (left)	1
11	2104080202-01	High steps bolt	2
12	21211001	M6 insert nut	2
13	23011306122-01	Toolsetting washer	2
14	101005034005-01	Toolsetting pull lever	2
15	101005022000-01	Big wheel	2
16	23013420082-01	Roller shaft washer	2
17	21207009	GB/T894.1-19 snap ring	2
18	101005024047-01	Wheel cover	2
19	101005005000-01	Gear (left)	1
20	21216002	6902Z bearing	2
21	26119020382-01	Hobbing shaft spring	1
22	101005008000-01	Tongue plate	2
23	101014010001-01	Roller cutter and blade reel assembly	1
24	21207006	GB/T894.1-15 snap spring	1
25	101005004000-01	connect long shaft	2
26	101005006000-01	Gear (right)	1

Key #	Part #	Part Name	Quantity
27	101014020043-01	Housing assembly	1
28	21211003	M8 insert nut	2
29	23011708152-01	Washer	2
30	10101418000-01	Ground roller support assembly (right)	1
31	101014190000-01	Grass basket assembly	1

WARRANTY

15" PUSH REEL LAWN MOWER WARRANTY

If this Radley tool fails due to a defect in material or workmanship within three years from the date of purchase, return it to any Home Hardware store with the original bill of sale for exchange.

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.

15" Push Reel Lawn Mower



3 Year Limited Warranty on tool

Radley®

RADLEY TOOLS
ST. JACOBS, ONTARIO N0B 2N0
© 2023 Home Hardware Stores Limited
1-866-349-8665
Customer Service/Tech Support

5122-003

Made in China

**3 Year
warranty**

This Radley® product carries a three (3) year LIMITED warranty against defects in workmanship and materials. See Owner's Manual for full details.

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



**WEAR CSA APPROVED
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**WEAR EAR
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