



FISKARS®

The image shows a Fiskars Momentum reel mower. It is a hand-pushed reel mower with a grey handle and a grey deck. The deck is partially cut away to reveal the internal reel mechanism, which consists of two reels and a central spindle. The mower has two large rear wheels and a smaller front wheel. The brand name 'FISKARS' is visible on the handle.

Momentum™

THE WORLD'S MOST ADVANCED REEL MOWER™

Owner's Manual

Save this manual for future reference

Para ver la versión en español, vaya a la página N.º 19.

FISKARS®

Momentum™

THE WORLD'S MOST ADVANCED REEL MOWER™

Model Number: 6201

Fill in the following information for easy reference.

Serial Number: _____

(located on the lower back portion of the mower)

Date of Purchase: _____

Questions? Suggestions?

Don't return to the store. We're here to help.



Call our customer service team at 1-877-201-3260



Visit our website at www.fiskars.com

LIMITED FOUR YEAR WARRANTY

Fiskars warrants to the original purchaser that its Lawn Mower products are free from defects in materials and workmanship appearing under normal use within four (4) years after the date of purchase. This warranty does not cover damage to Lawn Mower products caused by abuse, acts of God, your failure to follow product instructions, mishandling or unauthorized repair. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES; AND ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS WARRANTY. IN NO EVENT WILL FISKARS BRANDS, INC. BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow limitations on how long an implied warranty lasts and/or the exclusion or limitation of incidental or consequential damages, so the above limitation and/or the above exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. As its sole responsibility and your sole remedy for any warranted defect, Fiskars Brands, Inc. will replace any defective part of the Lawn Mower, containing a warranted defect, free of charge, with proof of purchase and notification within a reasonable period of time (but no longer than 6 months) following the discovery of such defect. For warranty service, email warranty@fiskars.com or call 1-877-201-3260.

Save this manual for future reference.

83001816

Congratulations and Thank You!

Congratulations on your purchase of a Momentum™ reel mower! The design team at Fiskars has worked hard to make this product the world's most advanced reel mower. The result is a reel mower that uses technology and advanced design to deliver an easier and better way to achieve the simpler, healthier, and greener mowing experience you desire.

Who We Are

Established in 1649 in a small village in Finland, Fiskars is the second oldest incorporated entity in the world. Throughout centuries of manufacturing a wide variety of consumer and industrial products, Fiskars has been continually committed to the development of reliable and innovative performance-based products.

What We Believe

By creating the most unique, ergonomic and easy-to-use tools, we provide garden and outdoor enthusiasts with an enhanced experience. Having received over 46 international design awards from the world's most prestigious product design competitions, each of our garden tools delivers advanced technologies and superior quality. Our mission is to support and inspire enthusiasts through continuous innovation and ideas that result in tools that are intuitive, durable and built to deliver.

Our Other Products

Visit our website at www.fiskars.com to see our full line of products, including other earth-friendly tools like ergonomic, easy-to-use weeders that provide an alternative to pesticides, complete rainwater harvesting systems that provide an easy way to collect, store and dispense rainwater, and eco-friendly pottery made from by-products of renewable and sustainable materials.

Contents:

Safety Information	2
A Smart Choice	3
Momentum® Technologies	4
Mower Anatomy	5
Assembly	6-7
Adjusting Your Mower	8-9
Checking Cutting Performance	10-11
Using Your Mower	12-13
Troubleshooting	14-15
Care and Maintenance	16-17

Before assembling or using the mower, read through the entire manual and fully understand the safety information.

 **WARNING** Safety Information

Do not use mower if in poor health.

Do not operate with missing or damaged guards.

Always wear safety glasses, gloves and closed-toed shoes when operating and maintaining your mower.

Never place hands, fingers, or feet in the reel. When the reel is spinning, it will cut.

Always remove debris from path of mower.

Always have sound footing when using the reel mower, especially on wet grass or on slopes (inclines).

Use safe lifting practices when moving mower.

Do not allow children under 12 to use mower.

Do not operate around children, other people or pets.

Do not run while using the reel mower.

Do not use mower in areas other than grass.

Make sure your mower is in safe operating condition by following the tips outlined in this manual.

Do not use this mower if it becomes damaged. Call 1-877-201-3260 or a qualified repair service.

Why Are Reel Mowers a Smart Choice?

Reel mowers are good for your lawn. Reel mowers promote greener, healthier lawns by cutting each blade of grass cleanly with a scissors-like action. This minimizes moisture loss and exposure to disease. Gas and electric rotary mowers, on the other hand, stress the grass by cutting with a tearing action that leaves a jagged edge, making grass susceptible to drying and disease. Reel mowers also eliminate accidental damage caused by gasoline spills or dragging extension cords.

Reel mowers are good for your health. Reel mowers let you cut your grass without exposure to noxious exhaust gases, loud noises, uncomfortable vibrations or the hazards of power-driven rotary blades – including not just serious injury, but also damage caused by thrown rocks. Reel mowers also eliminate the risks associated with storing and handling the gasoline and oil required by gas mowers and with mowing around the extension cords required by electric mowers.

Reel mowers are good for the environment. Reel mowers are the most earth-friendly way to cut your grass. Gas mowers produce dirty exhaust that pollutes the air. According to the U.S. Environmental Protection Agency (EPA), the average gas mower produces as much air pollution in one year as a new car driving more than 500,000 miles. Gas mowers also consume gasoline and create spills during fueling. The EPA estimates that every year Americans burn 800 million gallons and spill 17 million gallons of fuel (more than all the oil spilled by the Exxon Valdez) while maintaining their yards. Electric and battery mowers, while more earth-friendly than gas mowers, still result in air pollution – not in your backyard, but at the power plants that produce the electricity on which the mowers run.

Reel mowers are good for your budget. Reel mowers cost nothing to operate. There are no gasoline, oil, electricity, spark plugs, or air filters to purchase. Reel mowers also require far less maintenance than gas and electric mowers.



The World's Most Advanced Reel Mower™ The Fiskars® Momentum™ mower combines patent pending technology with Fiskars exclusive design features to deliver a reel mower with best-in-class cutting performance for a superior mowing experience.

StaySharp™ Cutting System, Fiskars® Exclusive

What is it? Fiskars® exclusive StaySharp™ cutting system uses precision ground hardened steel blades engineered to efficiently cut grass without actually touching. To do this, the cutting reel and stationary blade are separated by about 0.003 inches – less than the thickness of a blade of grass.

How is it different? Standard reel mowers rely on contact between the cutting reel and stationary blade for cutting. The steel on steel contact that is produced creates friction and causes blade wear. As a result, the blades on standard reel mowers dull quickly and require annual sharpening to prevent cutting performance degradation.

Why is it important? Since Fiskars® StaySharp™ cutting system cuts grass without the blades touching, friction and blade wear are greatly reduced. As a result, long lasting performance is maintained without the cost and inconvenience of annual blade sharpening.

InertiaDrive™ Technology, Patent Pending

What is it? Fiskars® patent pending InertiaDrive™ technology combines a large diameter cutting reel, heavy cutting reel blades, and a powerful chain drive to deliver superior cutting power.

How is it different? Standard reel mowers use small diameter cutting reels with thin blades. These reels and mowers lack cutting power and, thus, frequently jam when cutting small twigs, weeds, or dense grass. When this happens the cutting reel seizes, completely stopping the mower. The obstruction must be removed before mowing can resume.

Why is it important? Fiskars® patent pending, InertiaDrive™ technology uses

the mower's large diameter cutting reel and heavy blades to store energy (like a flywheel) until a burst of extra cutting power is needed. When a tough spot is encountered, the InertiaDrive™ technology delivers twice the energy to power through it without jamming - providing a superior cut without interruption.

VersaCut™ Design, Patent Pending

What is it? Fiskars® patent pending VersaCut™ design extends the cutting blades across the entire width of the mower and uses a long wheel base to optimize blade positioning.

How is it different? Other reel mowers place the two large drive wheels outside of the cutting reel. This design creates 3" wide no-cut zone under each wheel, making close edging impossible. It also requires undesirable blade positioning, limiting both the maximum cut height and range of cut height adjustment possible.

Why is it important? Fiskars® patent pending, VersaCut™ design provides versatile cutting for all types of lawns and mowing habits. Inset wheels and blades that extend all the way across the mower completely eliminate uncut strips from under the wheels, allowing three times closer edging than other reel mowers. A long wheel base allows for superior blade positioning, delivering the greatest cut range of any reel mower – with cut height settings from 1" to 4". The 4" maximum cut height is vital when you miss a week of mowing.

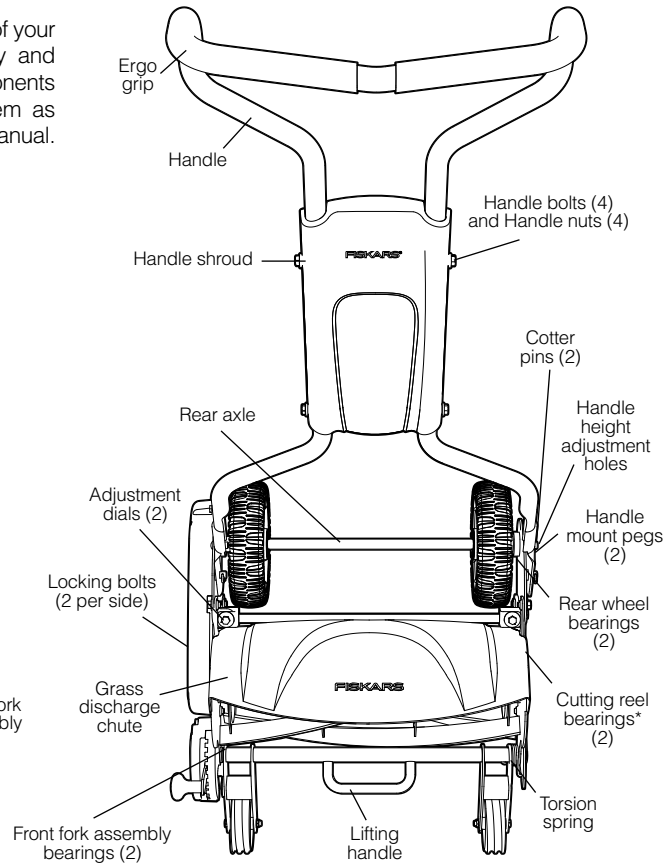
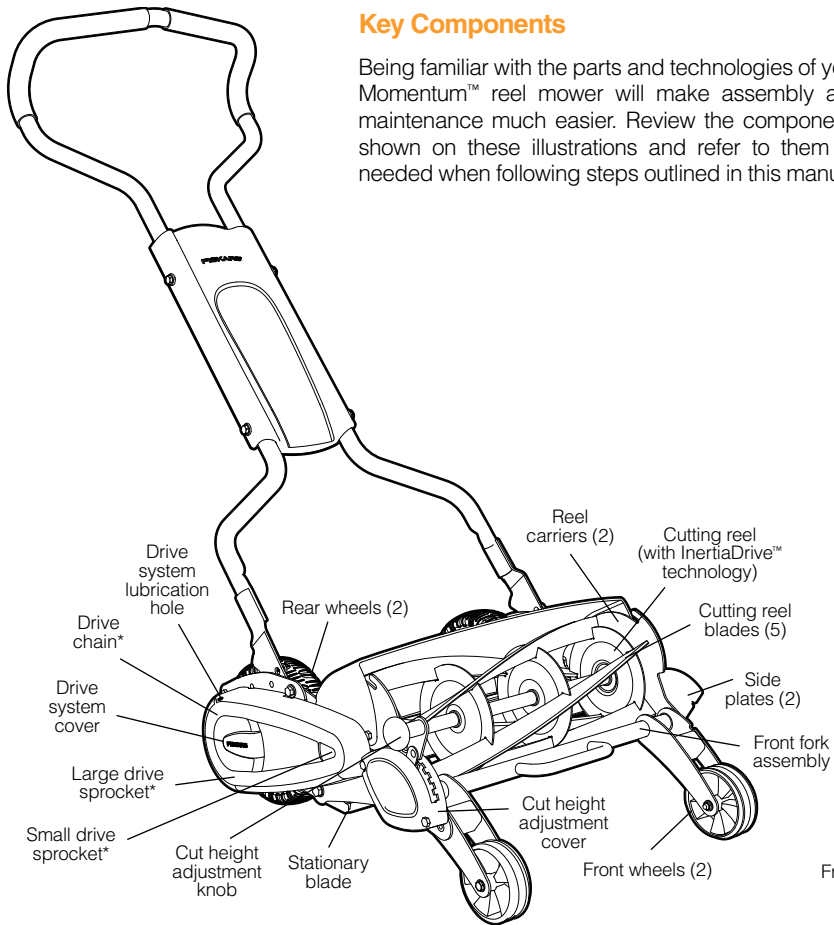
30% easier to push Most reel mowers can be difficult to push – especially in longer grass. The advanced technologies of the Fiskars® Momentum™ mower combine to reduce push force by 30% in long grass.

Fiskars® Ergonomics, Fiskars® Exclusive

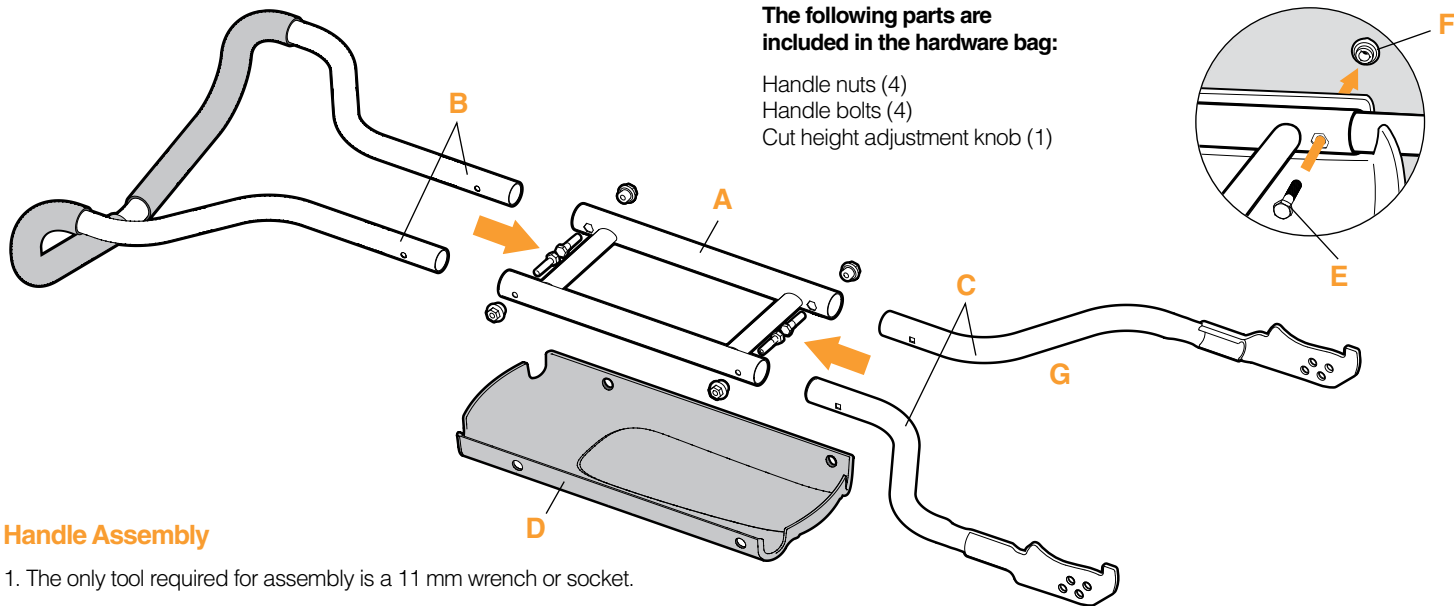
The Fiskars® Momentum™ reel mower incorporates a number of best in class convenience features to enhance your mowing experience. These features include an ergonomic height adjustable handle with a padded grip, a quick and easy one-touch cut height adjustment system, and a forward throw grass discharge chute for mess-free operation.

Key Components

Being familiar with the parts and technologies of your Momentum™ reel mower will make assembly and maintenance much easier. Review the components shown on these illustrations and refer to them as needed when following steps outlined in this manual.



* Located under cover (not visible)



The following parts are included in the hardware bag:

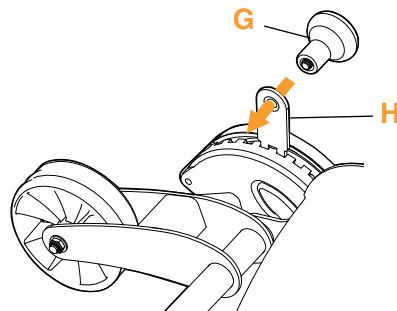
- Handle nuts (4)
- Handle bolts (4)
- Cut height adjustment knob (1)

Handle Assembly

1. The only tool required for assembly is a 11 mm wrench or socket.
2. Lay out the handle parts as shown above. Note the center handle section (A) is symmetrical.
3. Insert the free ends of the upper handle section (B) into the center handle section (A), making sure the arch of the upper handle section is down. Roughly align the holes.
4. Insert the two lower handle sections (C) into the center handle section (A), making sure the pointed ends of the lower handle sections are up as shown. Roughly align the holes.
5. Slide handle shroud (D) into place from below with the Fiskars logo facing down and towards the upper handle section (B).
6. Align holes in handle sections and shroud (D). Slide a handle bolt (E) through from the inside, so that the end comes through the hole of the handle shroud. Repeat for the remaining three handle bolts.
7. Align the hex shaped bolt head with the hex shape cutout in the center handle section (A), and then hand tighten a handle nut (F) onto the bolt. Repeat for the remaining three handle nuts.
8. Using a wrench, tighten the four handle nuts (F) until they are snug. Do not over tighten or permanent damage to the handle may result.

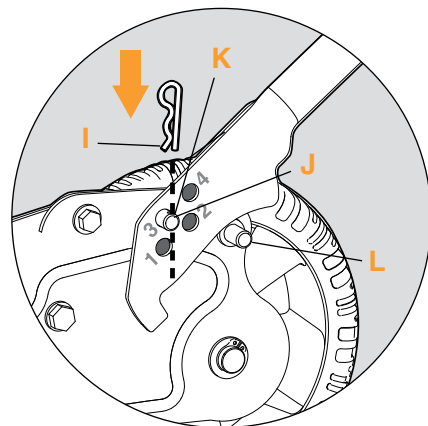
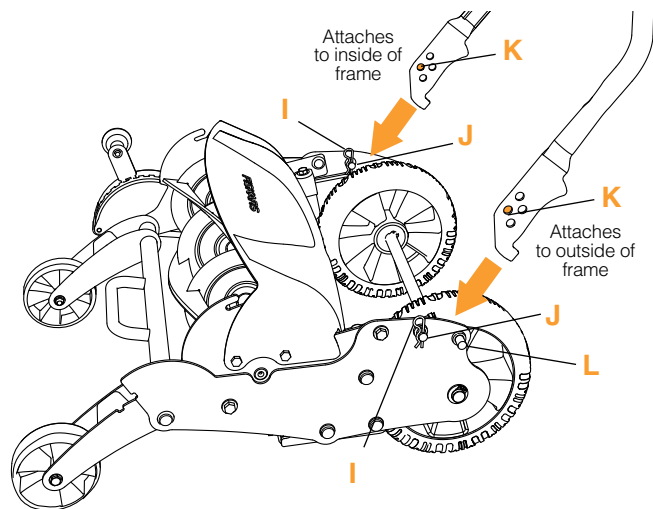
Cut Height Adjustment Assembly

1. Check the front of the cutting reel for a clear thin plastic shipping shield that extends downward from the grass discharge chute. If the shield is present, remove and discard it prior to first use.
2. Screw the cut height adjustment knob (G) tightly onto the exposed lever (H) by hand.



Attaching the Handle

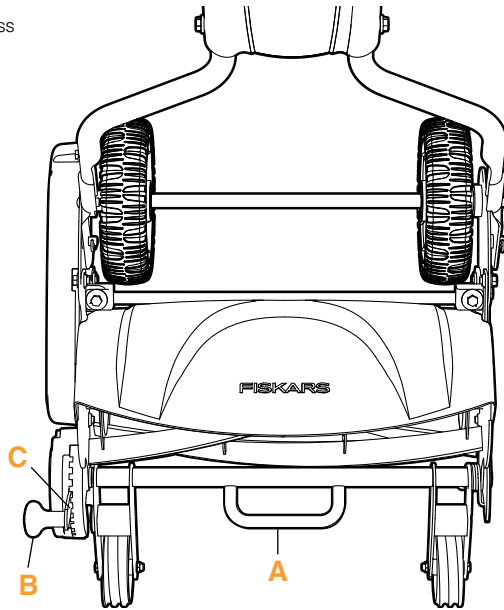
1. Remove the two cotter pins (I) from the handle mount pegs (J).
2. Slide hole number 3 (K) of the handle onto the handle mount pegs (J) and then release the handle until it rests on the handle stop peg (L).
3. Insert the cotter pins (I) to secure the handle into place.



HINT:**Cut Height Adjustment**

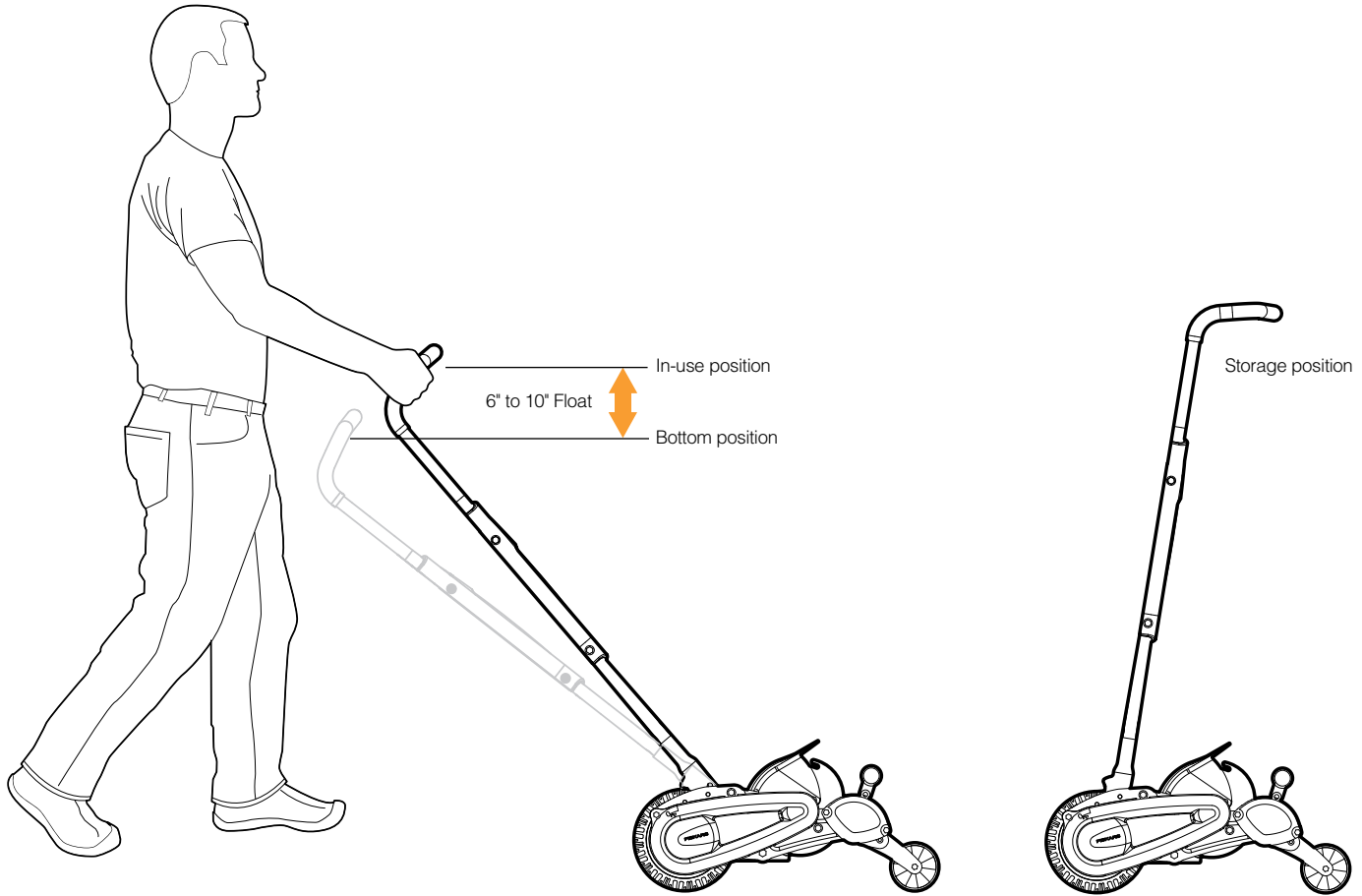
Facing the front of the mower, place your right hand on the lifting handle (A) to support the mower during adjustment. Use your left hand to pull the cut height adjustment knob (B) away from the mower and move to your desired cut height. Then release the knob making sure the lever (C) snaps back into place.

Length of grass after cutting (cut height)

**Handle Height Adjustment**

! **IMPORTANT:** To maximize comfort and control your mower features a height adjustable handle. The handle is designed to "float" between its bottom and in-use positions. The bottom position is used to pivot through turns. The in-use position should be 6 " to 10" above the bottom position. Lifting the handle in this fashion keeps the front end from rising off the ground to ensure an even cut. **Since selecting the correct handle height is extremely important, it is worth the trial and error that may be required to find the ideal height.**

1. Before adjusting the handle height it is important to set the mower to the cut height that you will use most frequently. (See hint to left.)
2. Push the mower forward several feet then turn it around as you would at the end of a mowing run. If you can push the mower comfortably without the front end rising and if you can turn the mower without hunching over, you have the handle set properly.
 - If the front end rises, you have the handle set too high. Lower the handle by using hole 2 for a slight adjustment or hole 1 for a greater adjustment.
 - If you have to hunch over a great deal to turn, you have the handle set too low. Raise the handle by using hole 4.
3. As the cut height is adjusted, the handle's bottom position will also move. Consequently, you may need to adjust the handle height if you drastically change the cut height. Adjustment may also be needed if you share mowing duties with someone else.



! **IMPORTANT:** The StaySharp™ cutting system is engineered to cut grass without contact between the blades. This cutting system was precision set during assembly. However, since slippage may possibly occur during shipping, handling, or use, it is very important to check the cutting performance prior to first use and periodically thereafter. Since slippage can occur in two directions, two checks are required to evaluate cutting performance – both checks need to be performed on both the left and right sides of the mower. **Checking the cutting performance, and adjusting if needed, are the most important things you can do to ensure that your mower always performs optimally.**

Preparation

1. You'll need several 1" wide strips of standard printer paper (not newspaper) about 8" long, a pair of work gloves and a wood block.

⚠ WARNING: The mower blades are sharp. Wear gloves when performing this procedure, and keep fingers away from the interface between the reel and stationary blade.

2. Ensure that the mower cannot roll forward by positioning it on a firm, level surface with a block in front of the rear wheels. Then raise the mower to the highest cut height position to improve access.

Check #1: Do the Blades Make Contact?

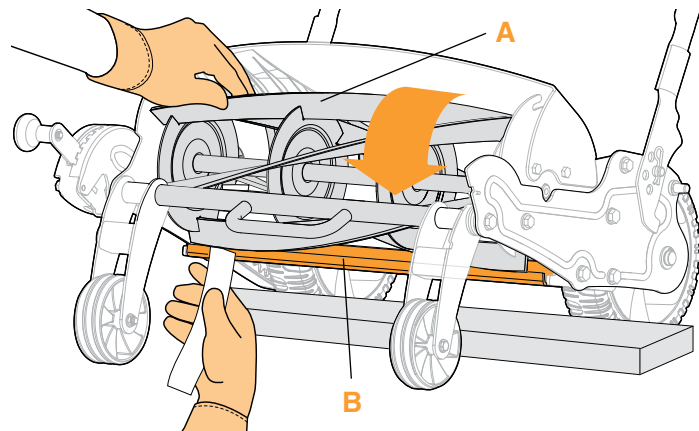
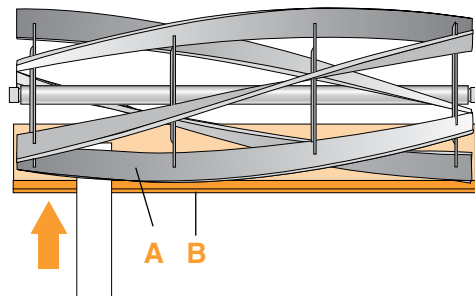
1. To check if the blades make contact, face the front of the mower and slowly pull the cutting reel (A) downward, one blade at a time, through a full rotation or two. If you hear scraping or feel resistance, skip the remainder of this section and proceed to *Adjusting the Blades* on page 11.

ATTENTION: If the cutting reel and stationary blade make contact the mower will be difficult to push and may dull the blade.

Check #2: Do the Blades Cut Properly?

1. To check if the blades cut properly you will need to check the blades on both the left and right side of the mower. On the left side, feed a strip of paper up vertically from under the mower between a cutting reel blade (A) and the stationary blade (B). About half an inch of the strip should be visible above the stationary blade.

! **IMPORTANT:** Always place the strip of paper straight up and down, perpendicular to the ground, like a blade of grass.



▲ WARNING: Keep your fingers away from the cutting region; they should be below the stationary blade.

2. Pull the cutting reel (A) downward observing whether the paper is cut as the first cutting reel blade passes.
3. Slide the paper up a half an inch at a time to check the other blades.
4. Move to the right side of the mower and check if the blades cut on that side properly.
5. If most of the blades cut on both sides, the cutting system is set correctly. If most of the blades do not cut, the cutting system needs to be adjusted. Proceed to *Adjusting the Blades* below.

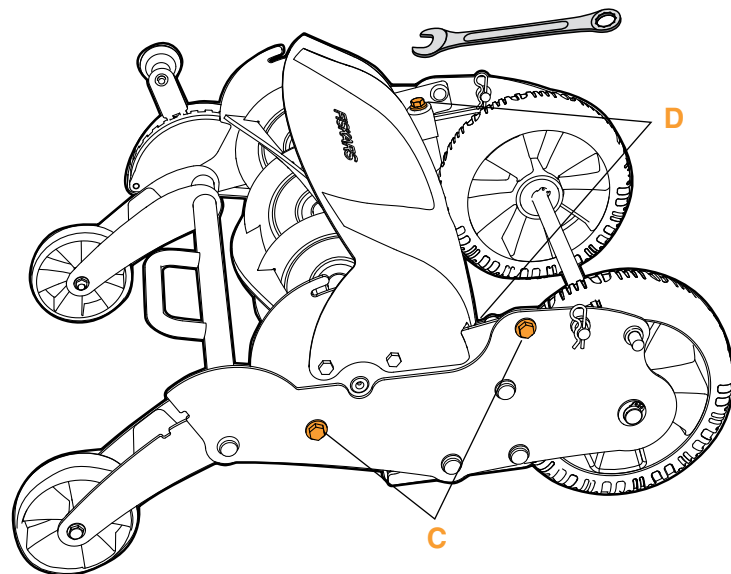
ATTENTION: Failure to correct an improperly set cutting system will result in poor cutting performance by leaving uncut blades of grass.

Adjusting the Blades

Adjust the blades as needed. If issues exist on both sides of the mower, address them one side at a time.

1. The only tool required is an 11 mm wrench.
2. Loosen the two locking bolts on the side you're correcting (C) approximately one full turn to allow for adjustment.
3. Adjust the blades using the adjustment dial (D) on the appropriate side. Note: the nut below the dial will move during adjustment.
 - If the blades are making contact, turn the dial counter-clockwise while rotating the cutting reel, stopping as soon as the blades lose contact.
 - If the blades didn't cut paper, turn the dial clockwise while rotating the cutting reel just until the blades make contact. Then turn the dial counter-clockwise to back off slightly.
4. When properly adjusted, the cutting reel and stationary blade should be just short of making contact. When the blades are properly adjusted,

firmly tighten the locking bolts on the side you adjusted. Confirm the cutting performance has been corrected on this side by once again performing the two checks. If issues exist on the other side of the mower, repeat adjustment steps.



Your Momentum™ mower has been designed and engineered to deliver best-in-class cutting performance and a superior mowing experience. However, there are several basic things you can do when mowing that will greatly impact both your mower's performance and your mowing experience. If you have used a reel mower before, you will immediately appreciate the advantages produced by the Momentum™ mower's advanced cutting technologies and design features. If this is your first reel mower, you will likely require a short transition period as you adjust your mowing habits to maximize efficiency and effectiveness. The information below will help both experienced and new reel mower users achieve all the benefits of the Momentum™ mower. Also, remember that Fiskars customer service team and website are both available for you should you need additional help.

Mowing Tips

For a healthy lawn, cut off no more than 1/3 of the grass length. To maintain a healthy lawn and eliminate the mess created by very long grass clippings, cut off no more than one-third of the grass length at a time. If more than one-third of the length is removed, root growth will be impaired and the grass will be stressed making your lawn susceptible to weed invasion, disease, and poor appearance. If your lawn gets too high, cut off one third of the length, wait a couple days, and then cut off another third.

To prevent mower damage, clear the mowing area of debris in advance. Before starting, inspect the area to be mowed and remove stones, medium-sized or larger sticks, trash, and other debris.

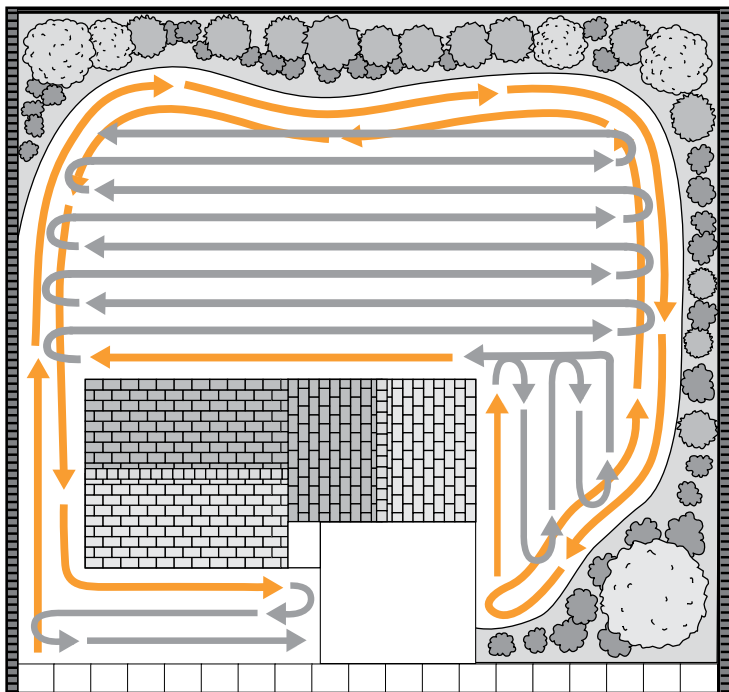
If you hit hard debris, stop and inspect the blades. If you strike a stone, large stick, or other hard object with the cutting blades, stop mowing immediately and check for a jam or damage. If the blades are damaged, pull the mower backwards to an appropriate work area and follow the instructions in *Care and Maintenance* on page 16. Continuing to mow with damaged blades may make repair impossible.

To maximize cutting power, walk briskly. The cutting power of the InertiaDrive™ cutting reel increases with the speed of the mower. This means that the faster you walk, the better your mower will cut. While it is not necessary to run, if you're used to mowing at a very leisurely pace, try walking just a little more quickly.

For efficient mowing, cut your lawn in long, straight lines. Since reel mowers only cut grass when they are moving, lay out your mowing pattern to maximize the amount of long, straight runs and to minimize starts and stops. Overlapping wheel tracks will ensure a complete and uniform cut. (See figure.)

Precut a turnaround zone to ease turns against obstructions. If any mowing runs end against an obstruction (garden, foundation, fence, etc.), begin by making one or two mowing passes along the obstructions to provide a turnaround zone.

For closest edging, use the left side of the mower. To edge closely against gardens, foundations, fences, and other barriers, use a mowing pattern that positions the left side of the mower toward the barrier.



— Edging and turnaround zone cutting

— General mowing

! WARNING Safety Information

Do not use mower if in poor health.

Do not operate with missing or damaged guards.

Always wear safety glasses, gloves and closed-toed shoes when operating and maintaining your mower.

Never place hands, fingers, or feet in the reel. When the reel is spinning, it will cut.

Always remove debris from path of mower.

Always have sound footing when using the reel mower, especially on wet grass or on slopes (inclines).

Use safe lifting practices when moving mower.

Do not allow children under 12 to use mower.

Do not operate around children, other people or pets.

Do not run while using the reel mower.

Do not use mower in areas other than grass.

Make sure your mower is in safe operating condition by following the tips outlined in this manual.

Do not use this mower if it becomes damaged. Call 1-877-201-3260 or a qualified repair service.

Your Momentum™ mower combines patent pending technology with Fiskars exclusive design features to deliver best-in-class cutting performance and a superior mowing experience. The mower is designed to provide long lasting performance with only simple care and maintenance (see next section). If you experience problems using your mower, the information below will help you investigate possible causes, then fix the problem. Also, remember the Fiskars customer service team and website are both available for you should you need additional help.

Problem: The mower leaves some uncut blades of grass.

Is your grass very long or are tall weeds present? While the Momentum™ mower can cut grass higher than any other reel mower and has more cutting power, if grass over 6" long or tall weeds are present, they may be knocked down by the mower's front fork assembly. If this happens, either pull these long stragglers by hand or make a second mowing pass to try and cut them. To prevent this entirely, never let your grass grow longer than 6".

Does the front of the mower rise off the ground? Your Momentum™ mower features an ergonomic height adjustable handle for maximum comfort and control. If the adjustable handle is set too high, the force you exert when pushing the mower may cause the front wheels to rise up off the ground, resulting in uneven cutting. If this happens, refer to *Adjusting Your Mower* on page 8.

Are the blades set improperly? While your mower's cutting system was precision set during assembly, it is possible that some slippage may occur during shipping, handling, and operation. To check if the cutting system is set properly, refer to *Checking Cutting Performance* on page 10.

Problem: The mower is hard to push or the reel doesn't spin freely.

Are you trying to cut too much grass? While the Momentum™ mower has more cutting power than any other reel mower, the mower may become hard to push or even clog if the cut height is set too low for the length of the grass being cut. If this is the case, readjust the cut height so that you are cutting no more than 1/3 of the length of the grass.

Is the mower awkward to push? Your Momentum™ mower features an ergonomic height adjustable handle for maximum comfort and control. If the adjustable handle is set too high, it may feel awkward while pushing. Try setting the handle at the next lowest setting. Refer to *Adjusting Your Mower* on page 8.

Is the drive train obstructed? Your Momentum™ mower is designed to be easier to push than other reel mowers – especially in longer grass. If you find that your mower becomes harder to push, examine the ends of the reel and the wheels to see if grass clippings or other debris has created a jam. If an obstruction is present, clear it with a long bristled brush or soft tool.

Are the blades making contact? While your mower's cutting system was precision set during assembly, it is possible that some slippage may occur during shipping, handling, and operation. To check if the cutting gap is set properly, refer to *Checking Cutting Performance* on page 10.

Problem: Turning the mower is difficult or requires stooping.

Is the handle height set properly? Your Momentum™ mower features an ergonomic height adjustable handle for maximum comfort and control. If the adjustable handle is set too low, turning the mower may require you to stoop over. If this happens, refer to *Adjusting Your Mower* on page 8 for instructions on raising the handle.

Problem: The mower makes a scraping or tinging noise.

Does the drive chain need to be lubricated? Your Momentum™ mower features a powerful chain drive. The chain itself is similar to the chain on a bicycle, and like a bicycle chain may make a noise or become hard to move when rusted or in need of lubrication. To fix this problem, lubricate the chain through the access hole in the chain cover as described in *Care and Maintenance* on page 16.

Is the cutting reel or stationary blade damaged? While the Momentum™ mower has hardened blades, blade damage can still occur if rocks, concrete edges or other hard debris are struck. If this happens, the damaged area of the blade may cause a high-pitched sound when it passes the other blade. See *General Maintenance* on page 16 for additional details.

Are the blades making contact? While your mower's cutting system was precision set during assembly, it is possible that some slippage may occur during shipping, handling, and operation. To check if the cutting gap is set properly, refer to *Checking Cutting Performance* on page 10.

Problem: The cutting reel remains stationary when the mower is pushed forward.

Did the drive chain come off? Your Momentum™ mower features a powerful chain drive system. The drive system consists of a chain and two sprockets, similar to those found on a bicycle. While unlikely, slippage during shipping, handling, or operation may cause the drive chain to come off or a drive sprocket to loosen. To investigate either condition, use a 10 mm wrench or socket to remove the drive system cover by removing the two bolts that hold it in place. If the chain is off one or both sprockets, use a 5 mm Allen wrench to remove the front sprocket's set screw and then the sprocket itself. Place the chain on the sprocket, and then replace both the sprocket and the drive system cover.

Did a drive sprocket loosen? If the chain is on both drive sprockets, with your hands safely away from the cutting reel, roll the mower forward and observe both sprockets. If both sprockets turn, the small drive sprocket has come loose.

If neither sprocket turns, the large drive sprocket has come loose. To tighten either sprocket, first remove the set screw from that sprocket completely with a 5 mm Allen wrench. After aligning the holes in the sprocket and the shaft, replace and tighten the set screw. Use thread locking fluid if you have it. Then replace the drive system cover. If the set screw is missing, call 1-877-201-3260 for a replacement.

Questions? Suggestions?

Don't return to the store. We're here to help.



Call our customer service team at 1-877-201-3260



Visit our website at www.fiskars.com

! **IMPORTANT:** Your Momentum™ reel mower is a precision cutting instrument, manufactured to exacting specifications. It is designed to deliver superior cutting performance for many years, but can be damaged if mistreated. To ensure long lasting performance, protect your mower from impact during use and storage, keep it clean and dry, and practice regular maintenance as follows.

General Maintenance

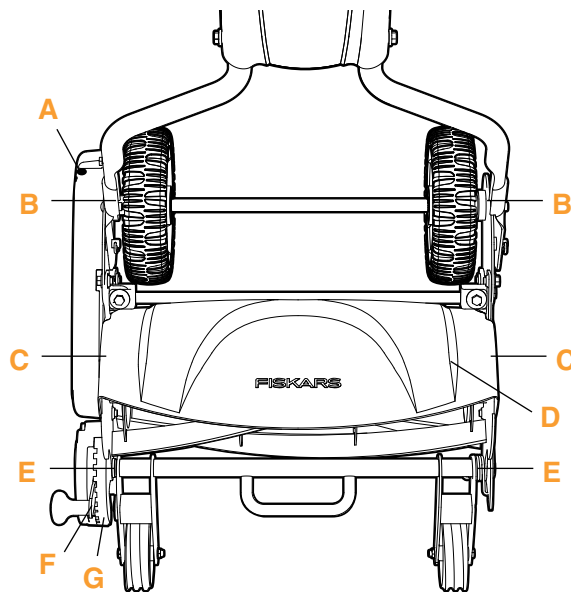
Keep your mower dry to prevent rust. Your Momentum™ mower will perform better for longer if it is kept dry. The precision ground blade edges of the cutting reel and stationary blade and the bearings that carry the cutting reel and the rear axle are most vulnerable to rust. If your mower does get wet, dry it off with a towel and then spray it with a rust preventative as soon as possible.

ATTENTION: Do not use solvents such as mineral spirits or kerosene to clean your reel mower. They will damage the plastic.

Keep your mower clean to eliminate potential jams and moisture that could cause rust. Your Momentum™ mower will last longer and look better if it is kept clean. After mowing, use a broom or long-bristled brush to clean any grass clippings or other loose debris from the mower – especially around the cutting reel and the bottom of the drive system cover. Removing grass clippings prevents cutting and drive system jams and eliminates trapped moisture that could cause rust.

ATTENTION: Do not use a garden hose to wash your mower. Storing the mower wet will allow rust to form.

Lubricate moving parts at least once a season and prior to winter storage to maintain peak performance. Your Momentum™ mower will push easier and last longer if all moving parts are lubricated periodically. It is also recommended that lubrication be applied any time the mower gets wet.



Drive Chain (A): Spray lubricant through the drive system lubrication hole while slowly rolling the mower forward to move the chain.

Rear Wheel Bearings (B): Spray lubricant between each wheel and side plate.

Cutting Reel Bearings (C): Spray lubricant on both ends of the cutting reel shaft, which is located under the grass discharge chute (D).

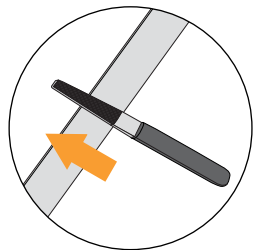
Front Fork Assembly (E): Spray lubricant on both ends.

Cut Height Adjustment Lever (F): Spray lubricant on the cut height adjustment lever through the slot in the cover (G).

Inspect your blades at least once a season and anytime your mower strikes a hard object. While your Momentum™ mower features the Fiskars® exclusive StaySharp™ cutting system with hardened steel blades, blade damage may still occur if rocks, concrete edges or other hard debris are struck. Before checking for blade damage, ensure that the mower cannot roll forward by positioning it on a firm, level surface with blocked rear wheels. Examine the entire length of the ground edges on all five cutting reel blades and the stationary blade. If a dent or ding is found, determine if the ding causes the cutting reel and stationary blade to touch. To do this, slowly pull the cutting reel downward while listening for scraping and feeling for resistance in the area of the ding. If there is no contact, there is no need to repair the ding. Simply treat it with rust preventative and re-inspect periodically in case raised edges appear with continued use.

⚠ WARNING: The mower blades are sharp. Wear gloves when performing this procedure, and keep fingers away from the interface between the reel and stationary blade.

To avoid further damage, repair any ding that causes the cutting reel and stationary blade to touch as quickly as possible. With care, any ding found can be repaired with little or no impact on your mower's cutting performance. Before beginning, get a narrow fine file (like the one found in the Fiskars® Model 7862 - Tool Care Kit) and position the mower on a firm, level surface with blocked rear wheels to ensure that it cannot roll forward. To remove the ding, file away only enough of the raised material to allow the cutting reel to spin without making contact with the stationary blade. File with long, straight strokes perpendicular to the cutting edge of the blade, trying to avoid removing material from the cutting edge itself. When the raised edges are filed down, check the cutting gap as described in *Checking Cutting Performance* on page 10.



⚠ WARNING: The mower blades are sharp. Wear gloves when performing this procedure, and keep fingers away from the interface between reel and stationary blade.

ATTENTION: Do not use a power tool to repair blades. Too much steel will be removed, resulting in severe blade damage and greatly reduced cutting performance.

When blades need to be sharpened, seek out a professional with appropriate sharpening equipment. Fiskars' StaySharp™ cutting system is precision engineered to cut grass without contact between the blades – greatly reducing friction and blade wear. As a result, long lasting performance can be maintained without the cost and inconvenience of annual blade sharpening. In fact, with proper care, your Momentum™ mower should not require sharpening at all. If, however, after many years of use, the blades do need to be sharpened, the job should be performed by a professional with appropriate reel mower sharpening equipment. The cutting reel and stationary blade on your Momentum™ mower were factory sharpened on state-of-the-art automated equipment. The shape and uniformity of the grinds are impossible to replicate by hand, and attempting to do so will degrade the performance of the mower.

ATTENTION: Since the blades on the Fiskars' exclusive StaySharp™ cutting system are substantially harder than those on standard reel mowers, the traditional method of lapping the blades with abrasive compound will not work and will likely diminish the mower's cutting performance.

