Rapid Reel®
HOSE REELS
BY ELEY CORPORATION

2-Wheel Cart
Garden Hose Reel

Model 1043-GH

Serial # _____

(Please locate the serial # on your hose reel and write it in the space above)

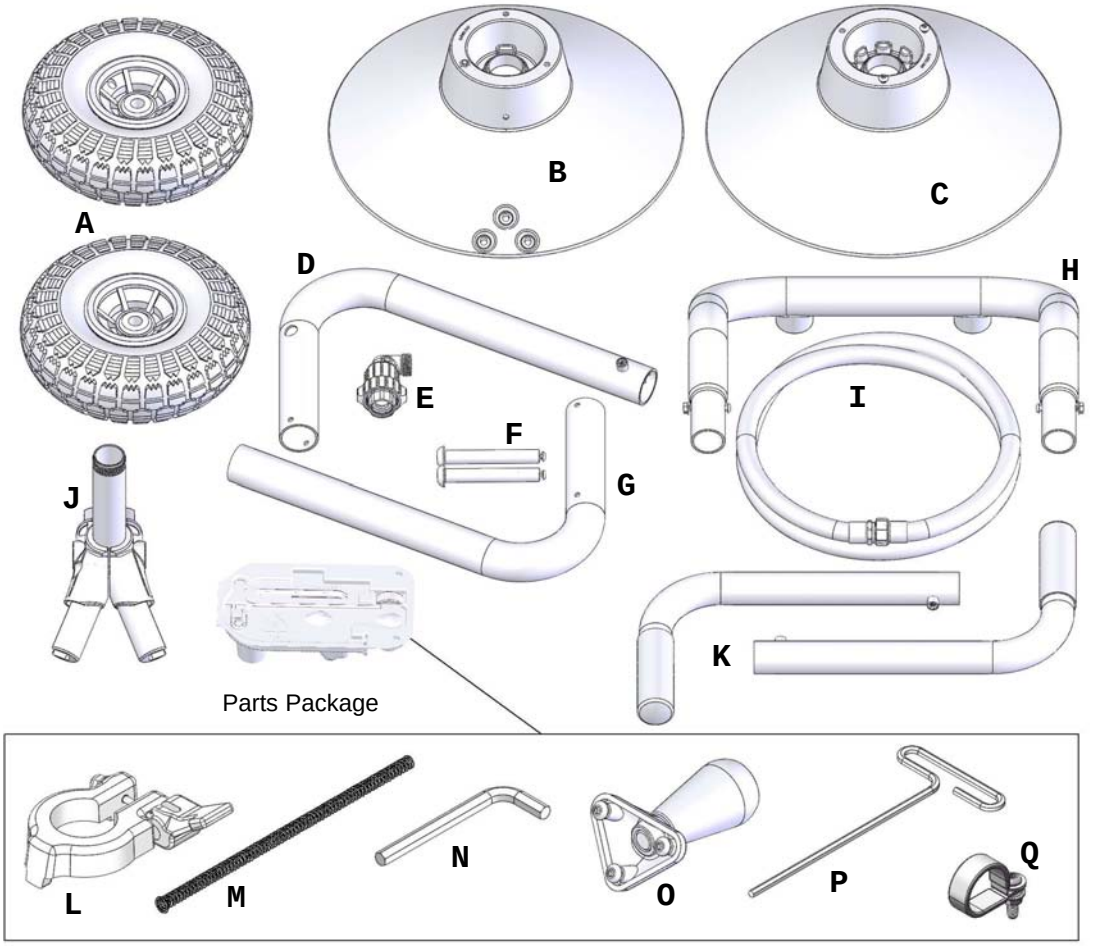
IMPORTANT!

Please keep this instruction manual for your records as it contains replacement part numbers for all components.

Assembly & Installation Instructions

Version 0409

Model **1043-GH** Contents



Patent Pending

Ref.	Part #	Qty.	Description
A	2079	2	Flat-Free Tire
B	2100	1	Front Flange*
C	2099	1	Back Flange*
D	See Step 6	1	Left Leg Assembly
E	2594	1	Brass Swivel
F	See Step 13	2	Tire Spindle Assembly
G	See Step 8	1	Right Leg Assembly
H	See Step 10	1	Bumper Assembly
I	2375	1	Inlet Hose
J	See Step 5	1	Frame Wye Assembly
K	See Step 16	2	Push Handle Assembly
L	2587	1	Cam-Lever Brake
M	2367	1	Kink-Free Spring
N	2538	1	Short Hex Key Wrench
O	2589	1	Crank Handle
P	2537	1	Long Hex Key Wrench
Q	2608	1	Hose Clamp Assembly

Questions? Problems? Missing Parts?

DO NOT contact or return this item to the retailer.

Seek factory assistance using the information below.

Customer Hotline: 1-866-523-2363

(toll free) MON- FRI, 8am to 5pm (Central)

E-mail: customerservice@rapidreel.com
MON- FRI, 8am to 5pm (Central)

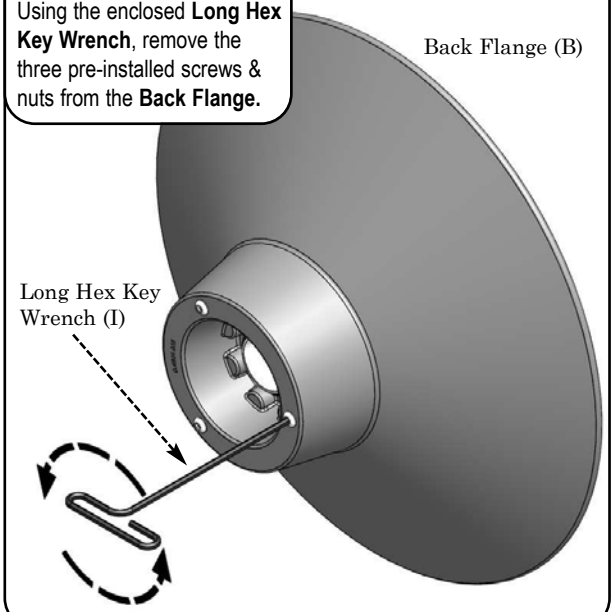
Online: www.rapidreel.com
24/7/365

*** NOTE**: Both back and front flanges, have a pre-installed bushing in the center hole. In case one is needed, the replacement part number for that bushing is # 2509.

Reel Assembly

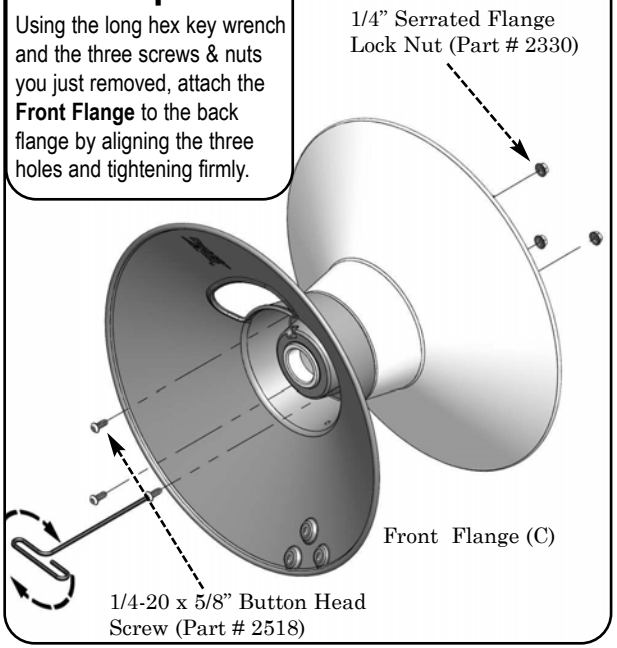
Step 1

Using the enclosed **Long Hex Key Wrench**, remove the three pre-installed screws & nuts from the **Back Flange.**



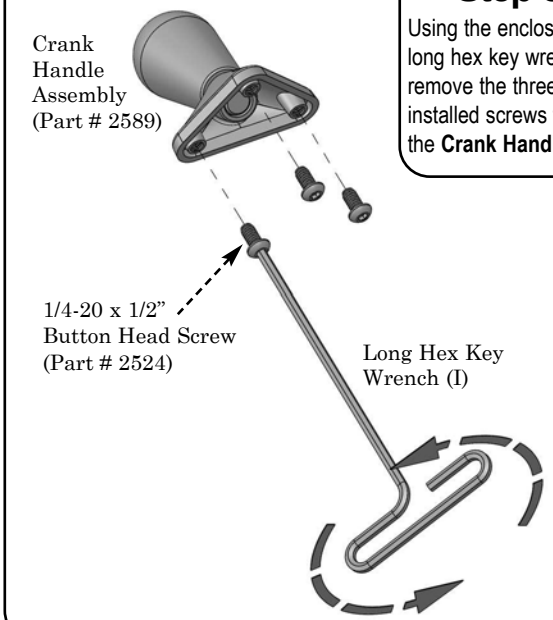
Step 2

Using the long hex key wrench and the three screws & nuts you just removed, attach the **Front Flange** to the back flange by aligning the three holes and tightening firmly.



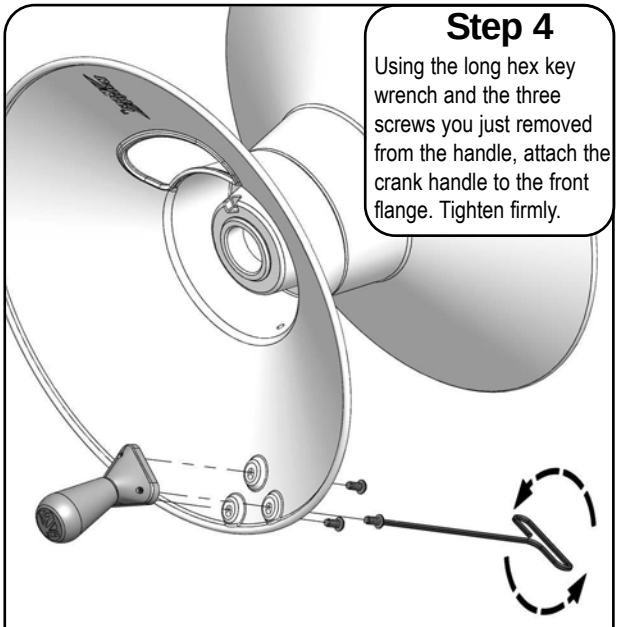
Step 3

Using the enclosed long hex key wrench, remove the three pre-installed screws from the **Crank Handle.**



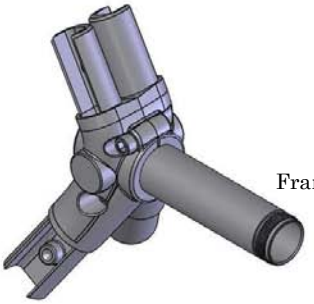
Step 4

Using the long hex key wrench and the three screws you just removed from the handle, attach the crank handle to the front flange. Tighten firmly.



Step 5

Get the **Frame Wye Assembly** from the packaging.



Frame Wye Assembly (J)

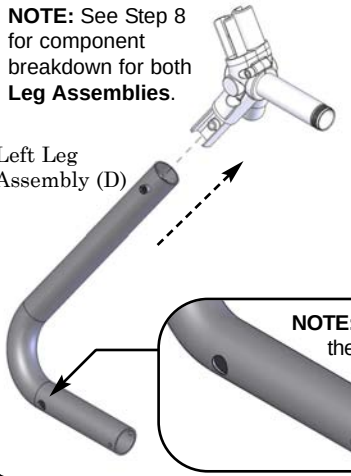
Frame Wye Assembly Components:

Qty. 1 - Short Axle (#2570)
Qty. 1 - Left Wye (#2567)
Qty. 1 - Right Wye (#2566)
Qty. 2 - 1-1/4"x 3/8" Screw (#2519)

Step 6

NOTE: See Step 8 for component breakdown for both **Leg Assemblies**.

Slide a **Left Leg Assembly** onto one of the frame wye's left leg post. **DO NOT** remove the pre-installed screw. Push the assembly all the way onto the frame wye post until it bottoms out.

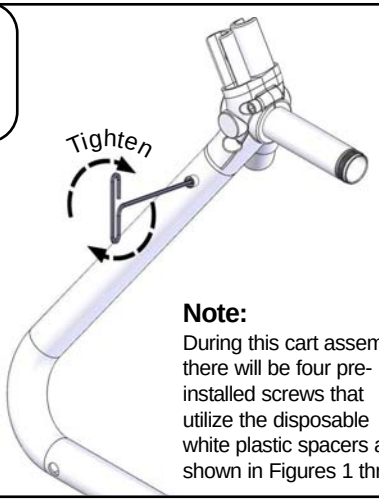


Left Leg Assembly (D)

NOTE: The large hole in the leg needs to face to the outside.

Step 7

Using the long hex key wrench, tighten the screw firmly.



Note:

During this cart assembly, there will be four pre-installed screws that utilize the disposable white plastic spacers as shown in Figures 1 thru 3.

Figure 1

Before tightening the white spacer is intact.

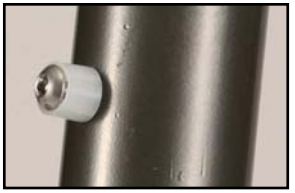


Figure 2

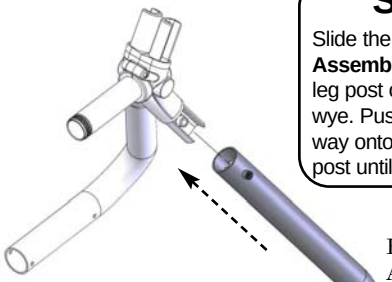
While tightening, the spacer should split or be crushed.

Figure 3

After tightening, the white spacer can be discarded. **NOTE:** The screw will likely NOT bottom out against the tube. There will be a small space between the screw head and the tube.

Step 8

Slide the **Right Leg Assembly** onto the right leg post of the frame wye. Push the leg all the way onto the frame wye post until it bottoms out.



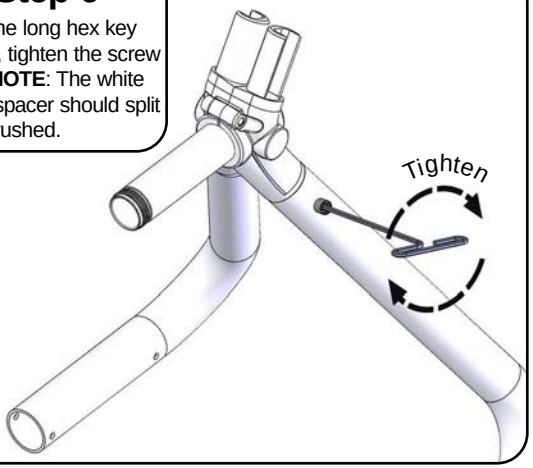
Right Leg Assembly (G)

Leg Assembly Components:

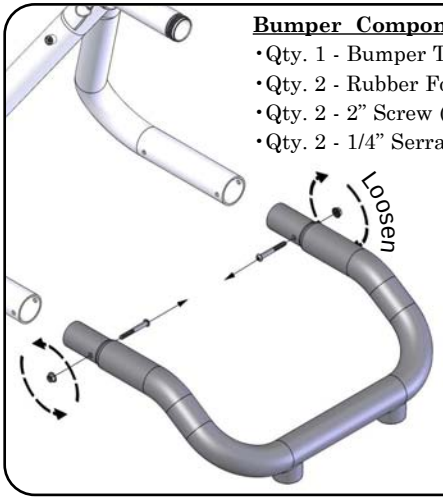
Qty. 1 - Right Leg Tube (#2574)
Qty. 1 - Left Leg Tube (2573)
Qty. 1/Leg - 1" Screw (#2521)
Qty. 1/Leg - Large Wedge (#2563)

Step 9

Using the long hex key wrench, tighten the screw firmly. **NOTE**: The white plastic spacer should split or be crushed.



Bumper Components:
- Qty. 1 - Bumper Tube (#2575)
- Qty. 2 - Rubber Foot (#2588)
- Qty. 2 - 2" Screw (#2522)
- Qty. 2 - 1/4" Serrated Nut (#2330)

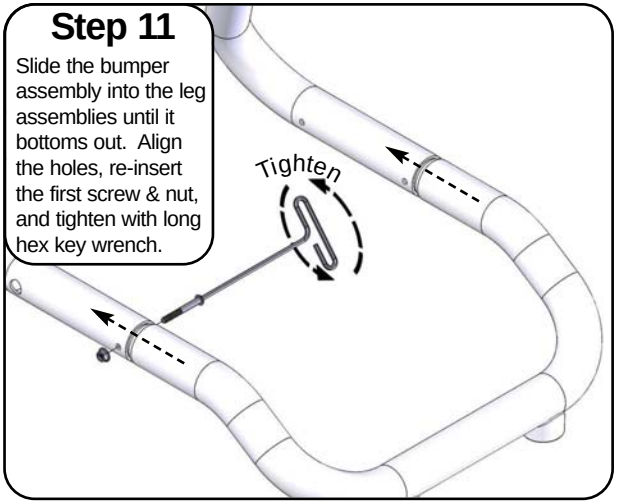


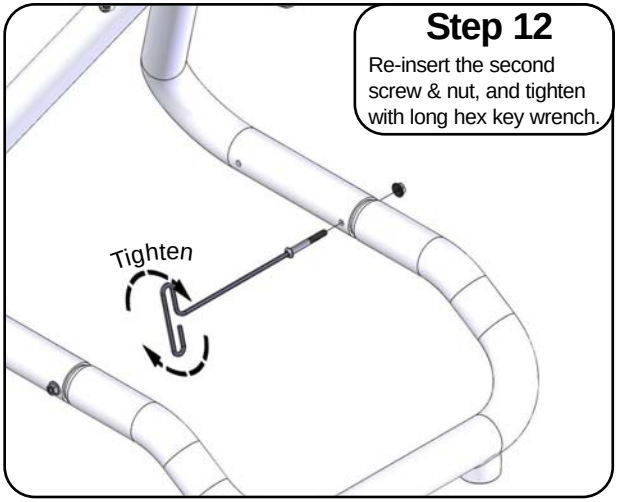
Step 10

Remove the two screws and nuts from the **Bumper Assembly (H)**. Use the long hex key wrench if needed.

Step 11

Slide the bumper assembly into the leg assemblies until it bottoms out. Align the holes, re-insert the first screw & nut, and tighten with long hex key wrench.





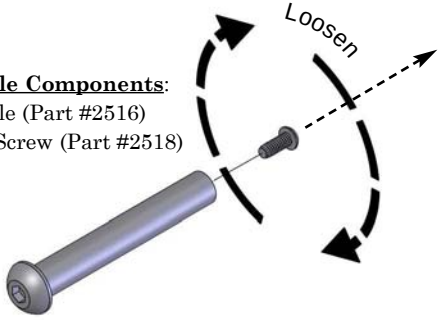
Step 12

Re-insert the second screw & nut, and tighten with long hex key wrench.

Step 13

Remove the small screw from the two **Tire Spindles (F)**. You may need to use both the long and short hex key wrenches to loosen if they're too tight to remove with fingers.

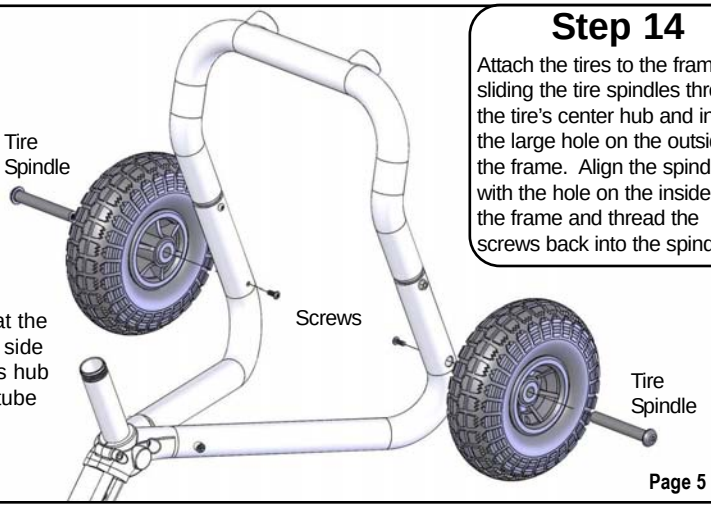
Tire Spindle Components:
- Tire Spindle (Part #2516)
- 1/4" x 5/8"Screw (Part #2518)



Ensure that the protruding side of the tire's hub faces the tube frame as pictured.

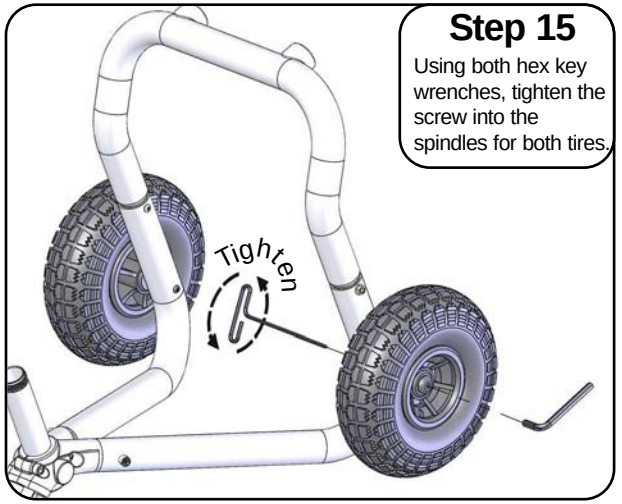
Step 14

Attach the tires to the frame by sliding the tire spindles through the tire's center hub and into the large hole on the outside of the frame. Align the spindle with the hole on the inside of the frame and thread the screws back into the spindle.



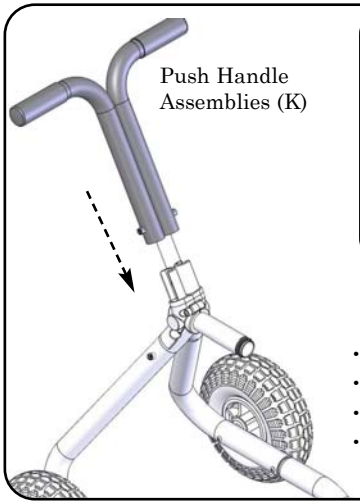
Step 15

Using both hex key wrenches, tighten the screw into the spindles for both tires.



Step 16

Slide the **Push Handle Assemblies** onto the Frame Wye posts, as shown. **DO NOT** remove the pre-installed screw. Push the assembly all the way onto the frame wye post until it bottoms out.

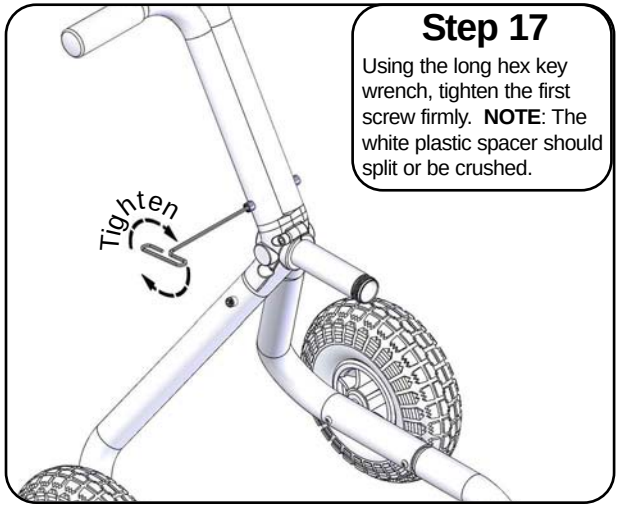


Push Handle Components:

- Handle Tube (#2572)
- Rubber Grip (#2513)
- Small Wedge (#2562)
- 1" Screw (#2521)

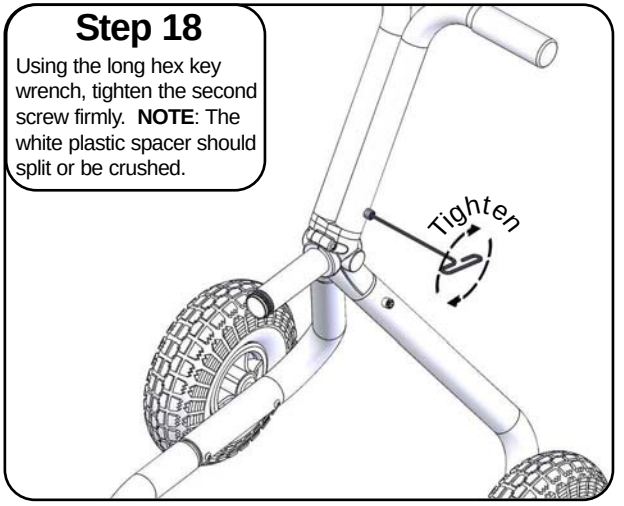
Step 17

Using the long hex key wrench, tighten the first screw firmly. **NOTE**: The white plastic spacer should split or be crushed.



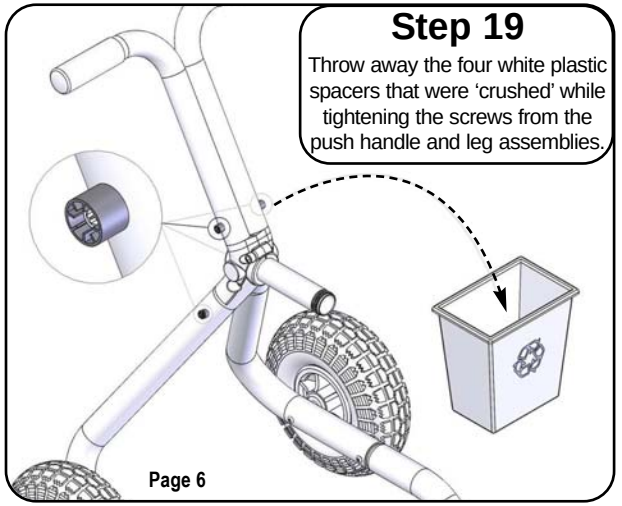
Step 18

Using the long hex key wrench, tighten the second screw firmly. **NOTE**: The white plastic spacer should split or be crushed.



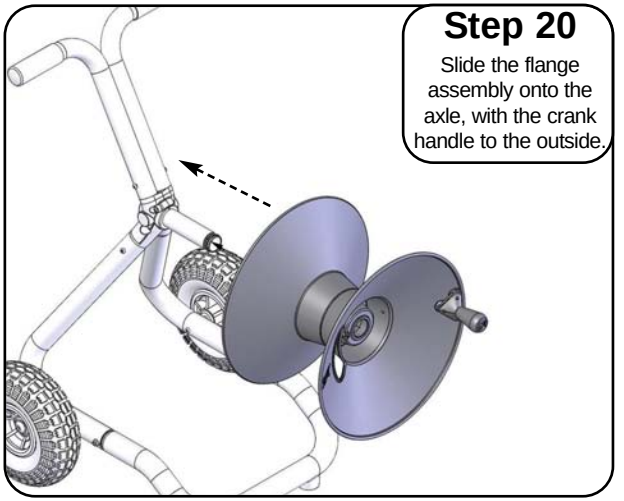
Step 19

Throw away the four white plastic spacers that were 'crushed' while tightening the screws from the push handle and leg assemblies.



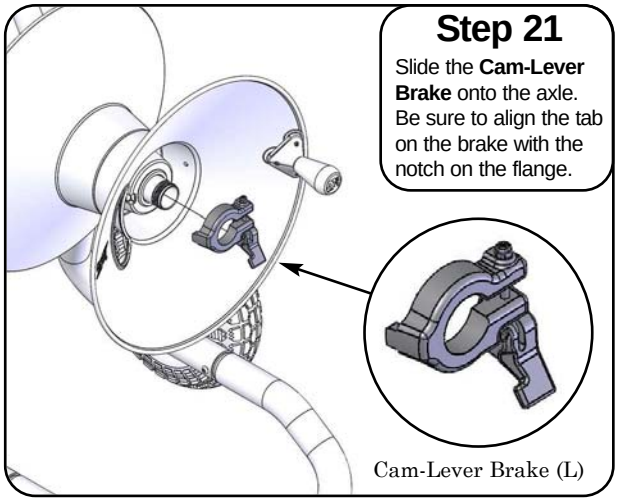
Step 20

Slide the flange assembly onto the axle, with the crank handle to the outside.



Step 21

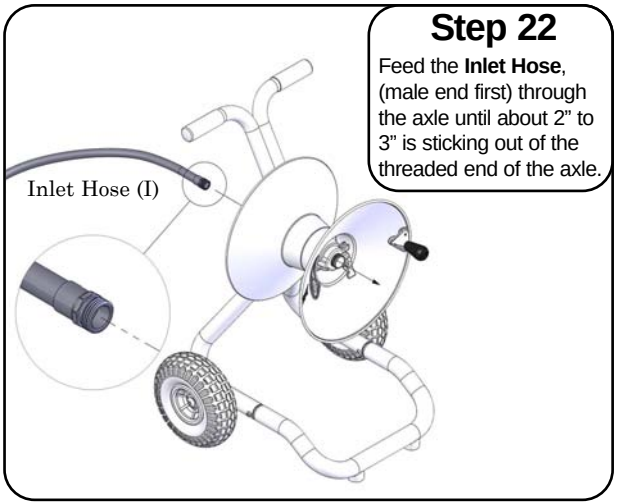
Slide the **Cam-Lever Brake** onto the axle. Be sure to align the tab on the brake with the notch on the flange.



Cam-Lever Brake (L)

Step 22

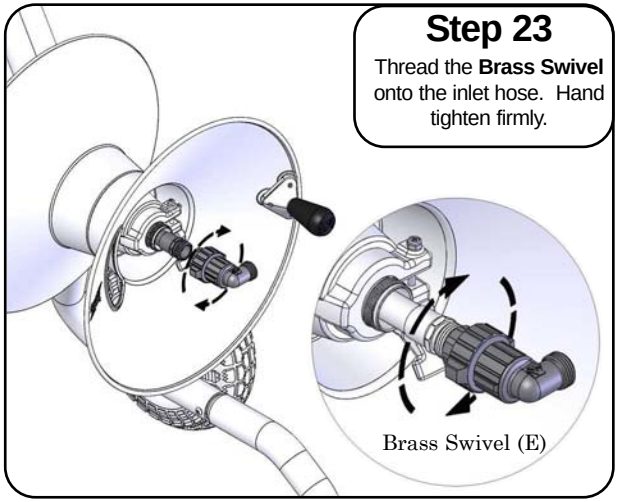
Feed the **Inlet Hose**, (male end first) through the axle until about 2" to 3" is sticking out of the threaded end of the axle.



Inlet Hose (I)

Step 23

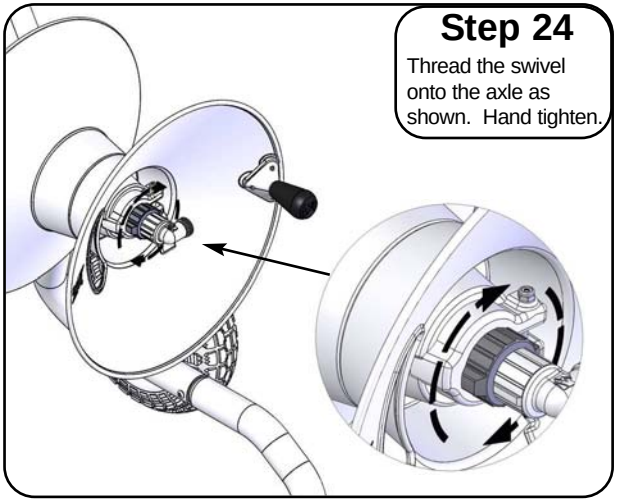
Thread the **Brass Swivel** onto the inlet hose. Hand tighten firmly.



Brass Swivel (E)

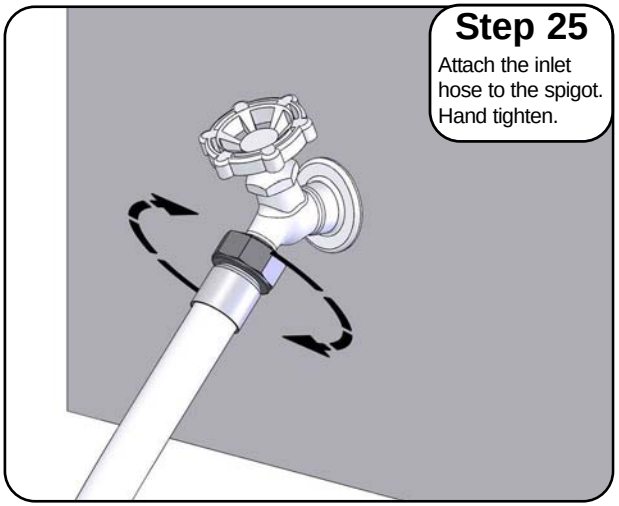
Step 24

Thread the swivel onto the axle as shown. Hand tighten.



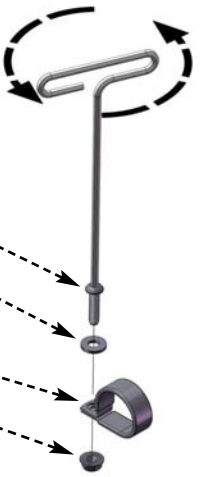
Step 25

Attach the inlet hose to the spigot. Hand tighten.



Step 26

Using the enclosed long hex key wrench, remove the pre-installed screw, washer and nut from **Hose Clamp (Q).**



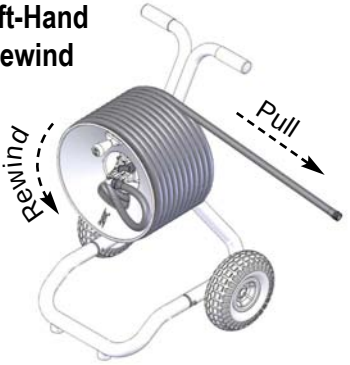
1" Screw
(Part #2521)

1/4" Flat Washer
(Part #2331)

Hose Clamp
(Part # 2539)

Serrated Flange Nut
(Part # 2330)

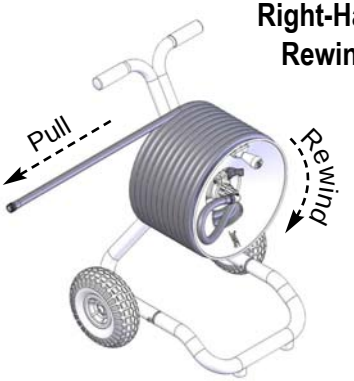
Left-Hand Rewind



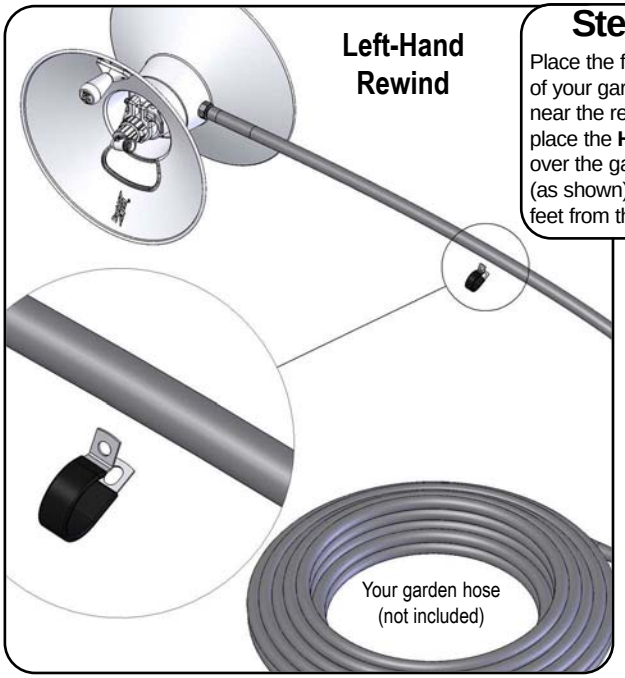
Hose Attachment

Your garden hose can be attached to this reel for either left or right hand rewinding. Left hand operation will rewind the hose in a counter-clockwise direction, while right-hand operation will rewind in a clockwise motion.

Right-Hand Rewind



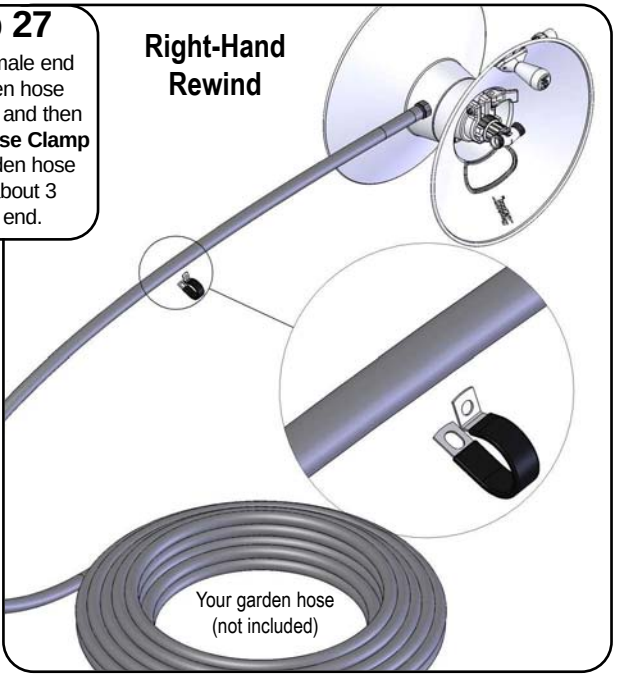
Left-Hand Rewind



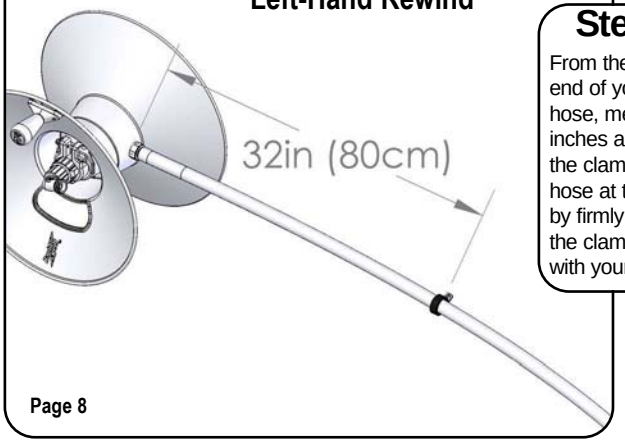
Step 27

Place the female end of your garden hose near the reel and then place the **Hose Clamp** over the garden hose (as shown) about 3 feet from the end.

Right-Hand Rewind



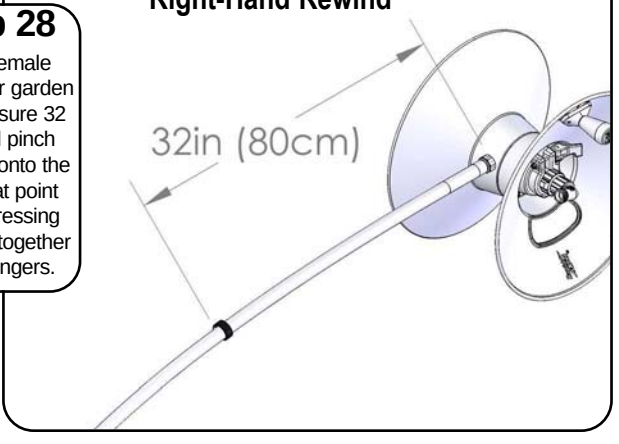
Left-Hand Rewind

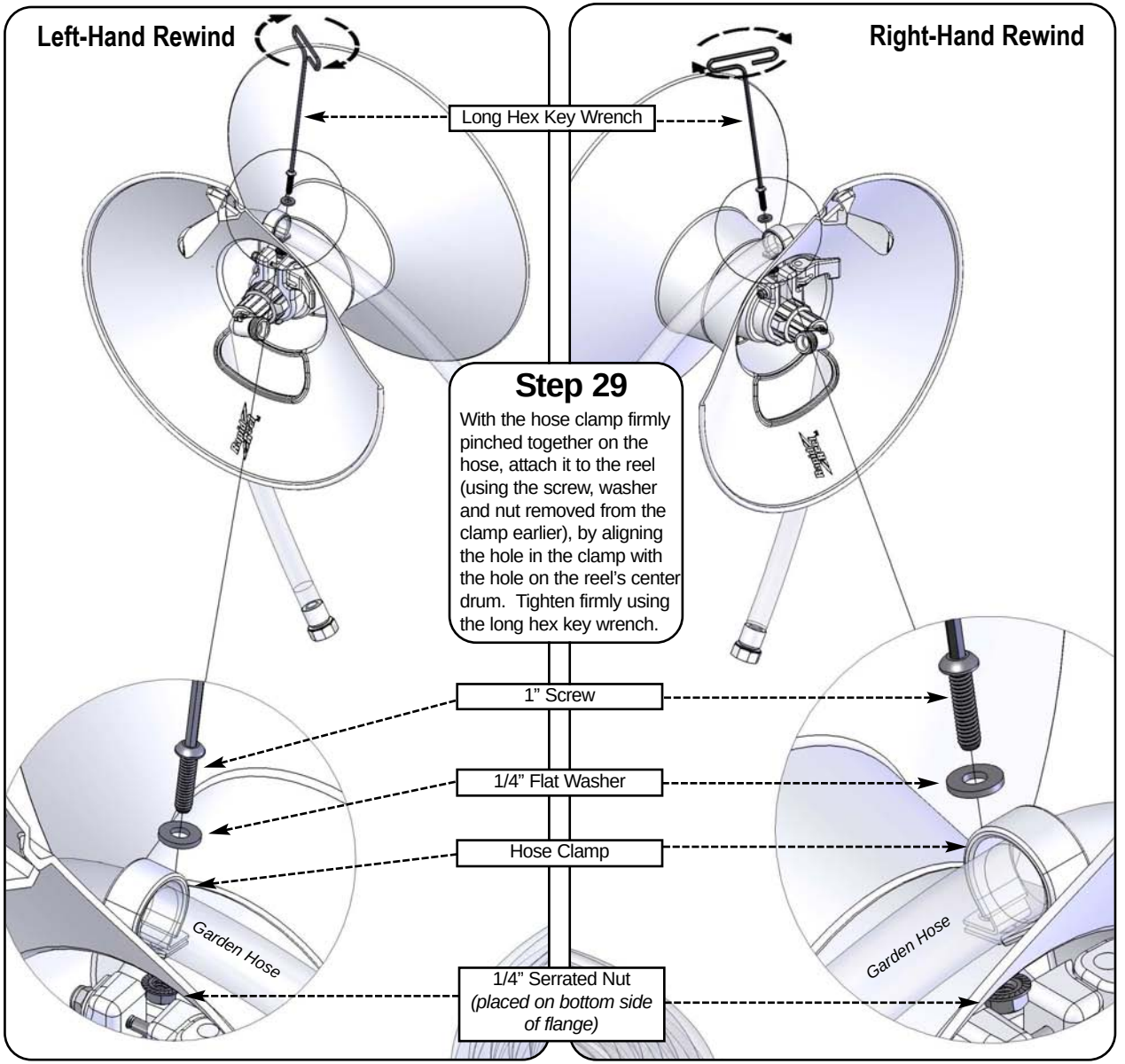


Step 28

From the female end of your garden hose, measure 32 inches and pinch the clamp onto the hose at that point by firmly pressing the clamp together with your fingers.

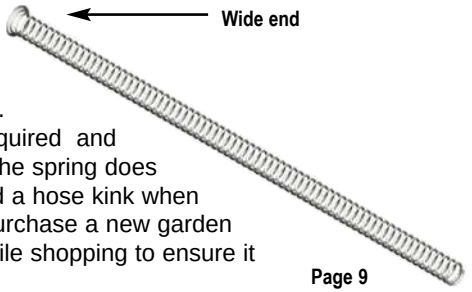
Right-Hand Rewind

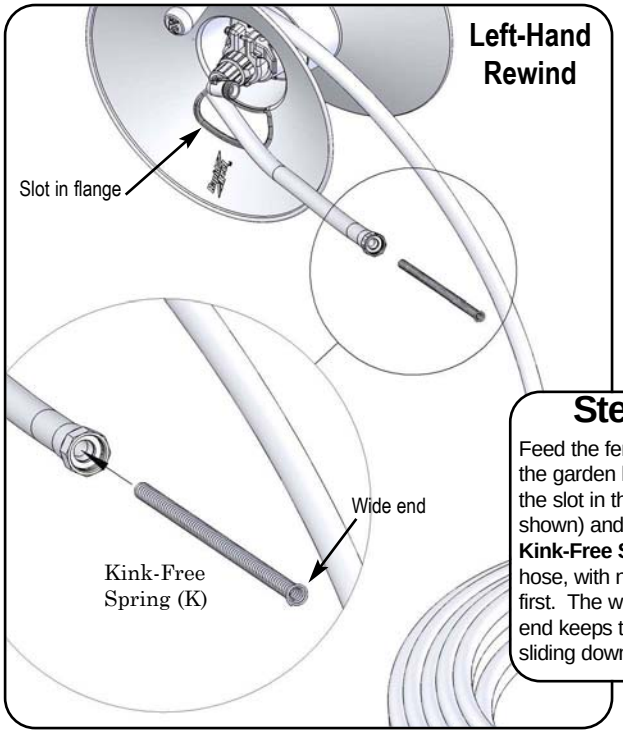


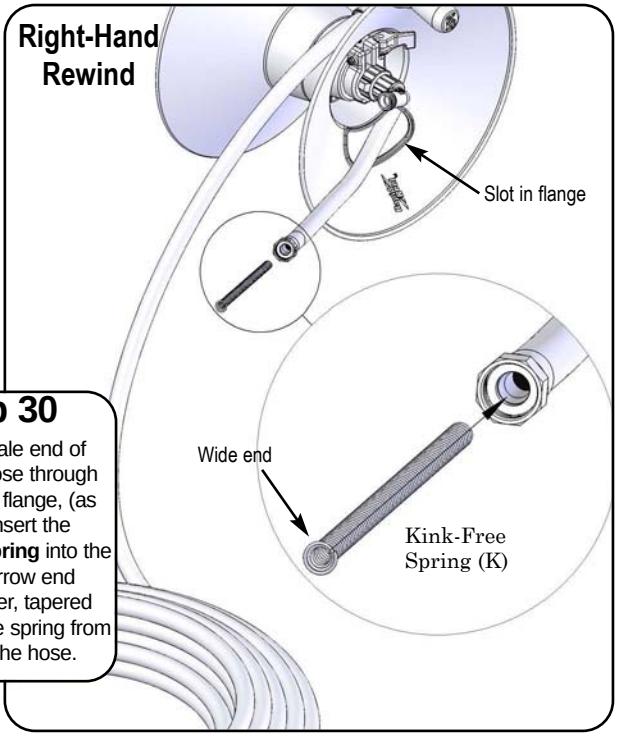


NOTE: (For Step 30 on next page)

The **Kink-Free Spring** is designed to prevent a kink in your garden hose while creating the "loop" during STEP 31. Rapid Reel currently supplies this one spring size which will fit into most 5/8" garden hoses. However, it may not fit into certain brands. Use of the spring is not required and Rapid Reel hose reels are designed to operate properly without it. If the spring does not fit into your garden hose, simply use care during STEP 31 to avoid a hose kink when curving the hose around to attach it to the swivel. If you're going to purchase a new garden hose for the reel, we recommend that you take the spring with you while shopping to ensure it will slide into the hose.

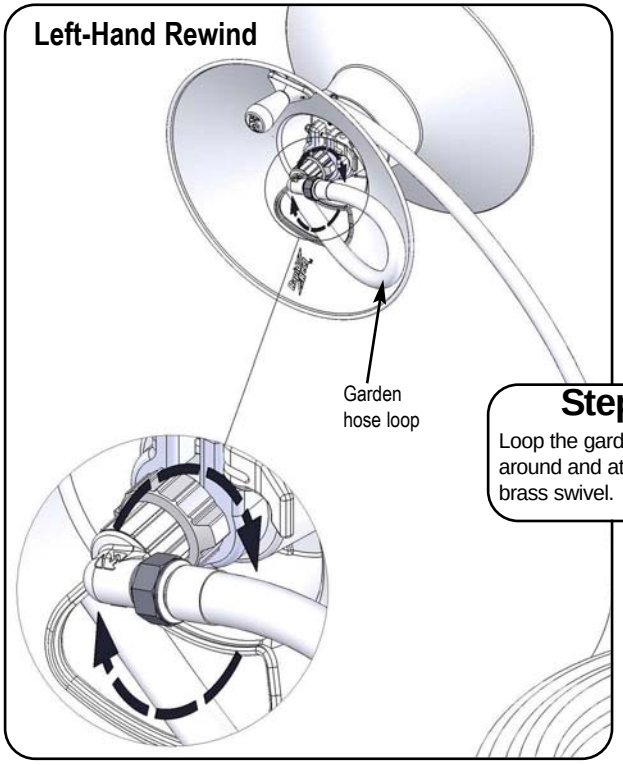


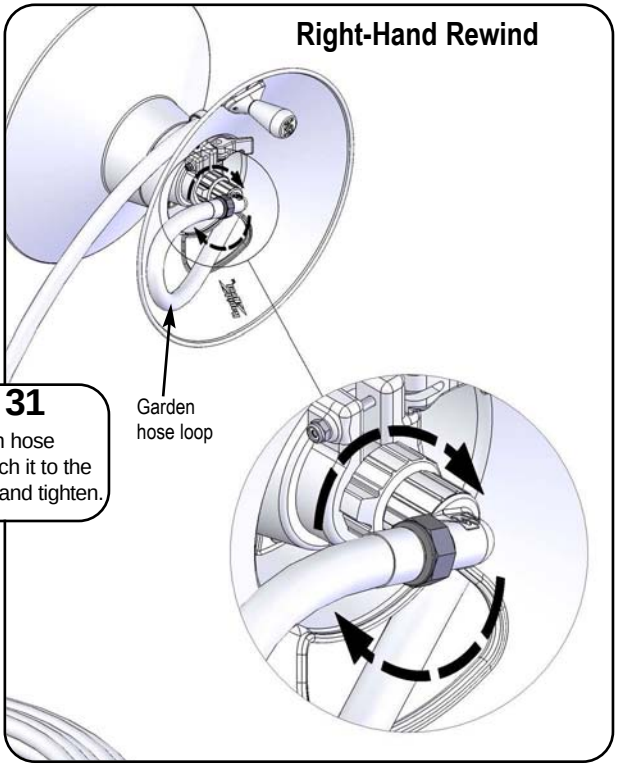




Step 30

Feed the female end of the garden hose through the slot in the flange, (as shown) and insert the **Kink-Free Spring** into the hose, with narrow end first. The wider, tapered end keeps the spring from sliding down the hose.





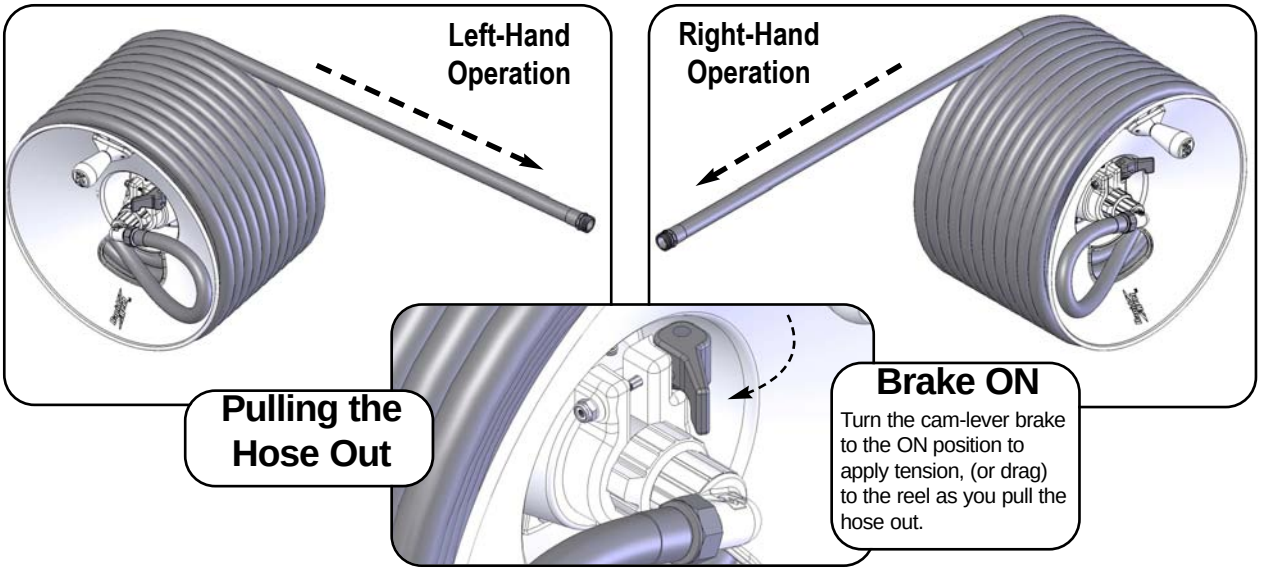
Step 31

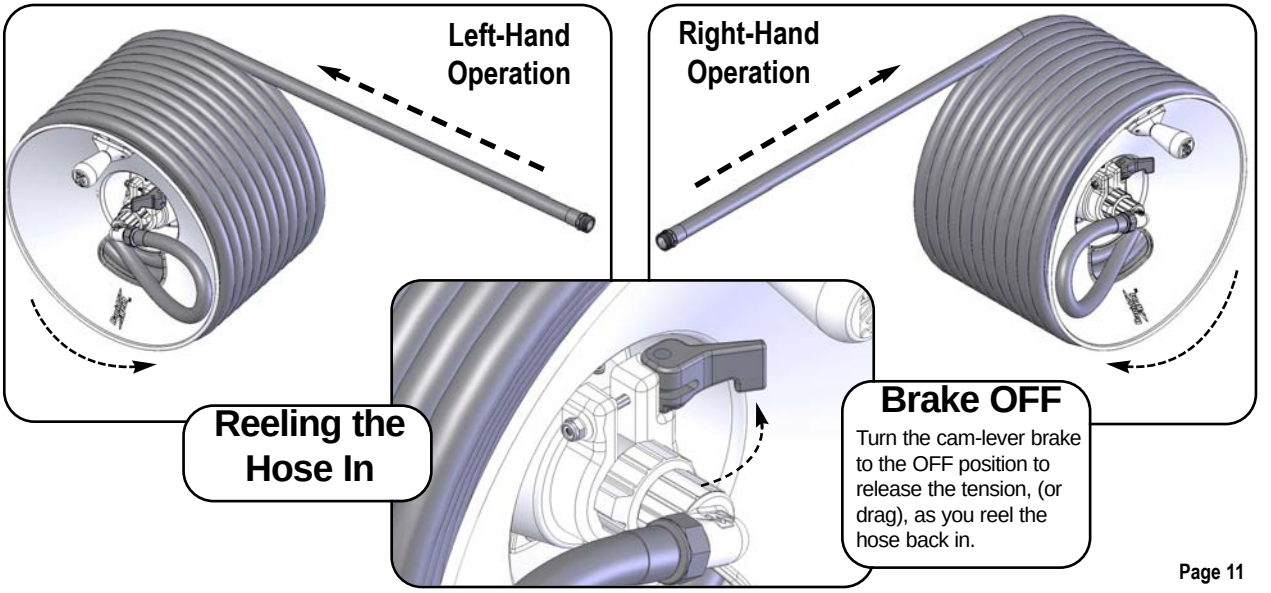
Loop the garden hose around and attach it to the brass swivel. Hand tighten.

How to Use the Cam-Lever Brake

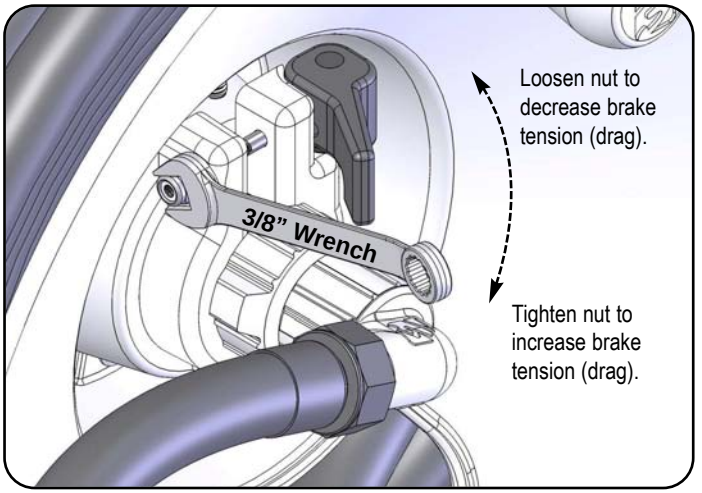
When you stop pulling out the hose, our innovative **Cam-Lever Brake** is designed to prevent the reel from free-spinning and unspooling more hose than what you wanted. The brake can be turned ON and OFF with the simple flick of a finger. Turn the brake **ON** when pulling the hose out, then flip it to the **OFF** position for easy rewinding.

NOTE: See back page for instructions on how to adjust the amount of tension, or drag.





Cam-Lever Brake Adjustment



The amount of tension, or drag, of the cam-lever brake can be adjusted with a **3/8" wrench**. Simply loosen the nut (counter-clockwise) to decrease the amount of drag. Tighten the nut, (clockwise) to increase the amount of drag. We strongly recommend that you increase or decrease the tension by only 1/4 turn of the wrench before testing the amount of drag. Keep adjusting at 1/4 turn intervals until desired level of tension is acquired.

REMEMBER TO REGISTER YOU PRODUCT

THANK YOU for your purchase! Please take a few moments to secure your **10 YEAR WARRANTY** by registering online. Our brief online form takes just seconds and can be found at **www.rapidreel.com** under the CONSUMER SUPPORT section of the website.

10 Year Warranty

Coverage

Rapid-Reel® and Eley Corporation, (collectively here after referred to as the "warrantor"), guarantees this hose reel, components and parts, unless otherwise specified, to be free from defect, malfunction or failure in material, or workmanship, under normal use and service, for a period of 10 years (120 months). Warranty period starts from original invoice date.

Hose

Hose supplied by warrantor carries a warranty of 1 year (12 months) from original invoice date of purchase. Hose is selected from reliable commercial sources and is recommended for application on the basis of data supplied by the manufacturer.

Exemptions

Warranty does not cover leaking due to damage caused by the use of acid, harsh chemicals or mineral deposits. Warranty does not apply when products are used in excess of their rated capacities and design functions or under abnormal conditions. The effects of corrosion, and normal wear and tear are specifically excluded from this warranty. This warranty does not cover damage which occurs in shipment or failures which are caused by products not supplied by the warrantor or failures which result from accidents, mishandling, faulty installation, freezing, misuse or misapplication, abuse or neglect. Warranty is void if the product or any part thereof has been tampered with, altered or repaired by anyone other than warrantor or damage that is attributable to acts of God. The warrantor covers the replacement or credit of defective parts only and does not allow for field labor charges for removal, installation, analysis or travel expenses. In no event shall the warrantor or its suppliers be liable for any damages, whatsoever, arising out of the use of or inability to use this product. (Some states do not allow the exclusion of limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you). The warrantor and its suppliers disclaim all other expressed or implied warranties. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation 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.

ELEY CORPORATION

Located in America's heartland, ELEY Corporation is a family-owned company that has been producing premium quality hose reels and related accessories under the Rapid Reel® brand name for both commercial and consumer users since 1990. Three brothers manage the organization, personally ensuring a Midwestern-style commitment to product quality and customer service. With deep roots in Nebraska's farm and ranch country, we understand the value of being able to depend on high quality tools, equipment and service. We believe our customers should expect that same level of satisfaction from our products and service. Building upon these principles has helped Rapid Reel grow into one of the most recognized and respected hose reel brands in North America.

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