Portable Garden Hose Reel Cart
Model 1043
Assembly & Installation Instructions
Reel Specifications
Max. Temperature....140° F (60° C)
Max. Pressure............150 PSI (10 Bar)

QUESTIONS?
PROBLEMS?

Please DO NOT contact or return this item to the retailer. Seek assistance directly from ELEY Corporation using the information below.

PHONE:
1-866-523-2363 (toll free)
MON- FRI, 8AM to 5PM (CST)

E-MAIL:
support@eleyhosereels.com
MON- FRI, 8AM to 5PM (CST)

ONLINE:
The SUPPORT section on our website www.eleyhosereels.com is available 24/7/365 and contains assembly videos, repair instructions and FAQ's.
**IMPORTANT!**
If you purchased an **Extra-Capacity Kit** (Item# 1044) with your reel, please refer to the assembly instructions included with the **Extra-Capacity Kit** now. When you have completed those instructions, then proceed to Step 3 of this manual.

**STEP 1**
Place the Front Flange (4027) on top of the Back Flange (4028). Pins and sockets on the flanges will aid in proper alignment.
STEP 2
Fasten flanges together using the three M6 x 20 Hex Socket Head Cap Screws (4006) and the small hex end of the Hex Key Wrench (4003).

STEP 3
Remove the screw from the Handle Assembly (2654).

STEP 4
Install Handle Assembly into Front Flange.
**Step 5**
Remove the M6 x 20 Hex Socket Head Cap Screws (4006) from the Wheel Spindle (3094).

<table>
<thead>
<tr>
<th>ID #</th>
<th>Part #</th>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3094</td>
<td>SPINDLE, WHEEL</td>
<td>1</td>
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<tr>
<td>2</td>
<td>4006</td>
<td>SCREW, M6 x 20 HEX SOCKET HEAD CAP</td>
<td>1</td>
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</tbody>
</table>

**Step 6**
Install the Solid Core Wheels (2079) to the Left and Right Cart Legs (2573 & 2574). Be sure the extended portion of the wheel is against the cart leg.
Step 7
Remove the M6 x 65 Screws (4009), Flat Washer (2331) and M6 Serrated Lock Nuts (4015) from each of the Cart Legs (2573 & 2574).

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<thead>
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<tbody>
<tr>
<td>1</td>
<td>4009</td>
<td>SCREW, M6 x 65 HEX SOCKET HEAD CAP</td>
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<td>2</td>
<td>2331</td>
<td>WASHER, 1/4&quot; FLAT</td>
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<td>3</td>
<td>4015</td>
<td>NUT, M6 SERRATED FLANGE LOCK</td>
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**IMPORTANT**
If you purchased a Quad-Wheel Kit (Item # 1045) with your reel, please refer to the assembly instruction included with the Quad-Wheel Kit (Item # 1045) now. When you have completed those instructions, then proceed to step 8.
Step 8
Insert the Front Cart Frame (2575) (or Quad-Wheel Kit front bumper assembly) into each of the Left and Right Cart Legs (2573 & 2574). Insert the (2) M6 x 65 Screws (4009), Flat Washers (2331).

**NOTE:** Do not install the nuts at this time.

Step 9
Remove the (2) sets of M6 x 65 Screws (4009), Flat Washers (2331), Cart Leg Clamps (3088) and M6 Nylon Lock Nuts (4014) from the Cart Wye Frame Assembly (3096).
**Step 10**
Slide the Cart Wye Frame Assembly (3096) onto the Cart Legs (2573 & 2574). Install the M6 x 65 Screws (4009), Flat Washers (2331), Cart Leg Clamps (3088) and M6 Nylon Lock Nuts (4014). Tighten with Hex Key wrench (4003).

**Step 11**
Install the M6 Serrated Lock Nuts (4015) onto the (2) M6 x 65 Screws (4009). Tighten with Hex Key wrench (4003).
Step 12
Remove the M6 x 100 Screw (4011), Cart Handle Clamps (3089) and M6 Nylon Lock Nut (4014) from the top of the Cart Wye Frame Assembly (3096).

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<tr>
<td>1</td>
<td>4011</td>
<td>SCREW, M6 x 100 HEX SOCKET HEAD CAP</td>
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<tr>
<td>2</td>
<td>3089</td>
<td>CLAMP, CART HANDLE</td>
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<tr>
<td>3</td>
<td>4014</td>
<td>NUT, M6 NYLON INSERT LOCK</td>
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</table>

Step 13
Install the (2) Cart Handles (2572), with the hardware just removed. Tighten with Hex Key wrench (4003).
Step 14
Insert the externally threaded (male) end of the Inlet hose (1087) into the axle tube until it is accessible from the other side.

Step 15
Install the Flange Assembly onto the axle with the crank handle to the outside.
Step 16
Install the Cam-lever Brake (2587) onto the axle.

Note: Align the tab on the brake with the notch in the flange.

Step 17
Attach the Swivel (2914) to the inlet hose.

Step 18
Attach the Swivel to the axle. Hand tighten firmly.
**Step 19**
Position the Hose Strap (4045) 32 inches from the internally threaded (Female) end of your garden hose.

**Step 20**
Position the Hose Strap (4045) so the grommets pass through the small slot in the flange.
**Step 21**
Tighten the hose strap. The M6 x 65 Hex Socket Head Cap Screw (4009) will pass through the 1/4 inch Flat Washer (2331) and the two brass grommets on the hose strap and then thread into the cage nut on the reel flange assembly. **Do not over tighten.**

**Step 22**
Insert your garden hose through the large opening in the reel flange. Install the Anti-Kink Spring (2367) into the end of your hose. The small end first.

**Step 23**
Hand tighten your garden hose to the brass swivel.
How to use the Cam-Lever Brake
As you pull the hose from the reel, our innovative cam-lever brake will prevent the reel from “free-spinning”, unrolling more hose than you want. The brake can be turned ON and OFF with the flick of the lever.

BRAKE ON
Pulling the hose out.

BRAKE OFF
Reeling the hose in.
How to adjust the Cam-Lever Brake

1. Place the cam-lever in the “ON” position.
2. Pull enough hose off the reel to test the amount of drag created by the Cam-Lever Brake.
   a. Too little drag, and the reel will continue to unspool hose after you’ve stop pulling.
      i. Tighten the nut on the Cam-Lever Brake using a 3/8” wrench.
      ii. Adjust 1/4 turn of the wrench.
      ii. Test again.
   b. Too much drag and it will be difficult to pull hose off the reel.
      i. Loosen the nut on the Cam-Lever Brake using a 3/8” wrench.
      ii. Adjust 1/4 turn of the wrench.
      ii. Test again.
10 Year Warranty

Coverage
Eley Corporation 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. In the event of a defect or component failure, Eley Corporation will replace the specific component(s) free of charge.

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 or altered in any manner, or damage that is attributable to acts of God. Eley Corporation 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 Eley Corporation 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). Eley Corporation 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.

Model: 1043
Serial # ____________________
Purchase Date: ____________________________
Purchased From: ____________________________