Reel Specifications
Max. Temperature....140° F (60° C)
Max. Pressure.........150 PSI (10 Bar)

CONTENTS

<table>
<thead>
<tr>
<th>ID#</th>
<th>Part#</th>
<th>Description</th>
<th>Qty</th>
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<tr>
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<td>1160</td>
<td>HOSE, 5/8&quot; TPU 6-1/2 FT GARDEN</td>
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<td>ASSEMBLY, GH FRONT FLANGE</td>
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<td>ASSEMBLY, GH REAR FLANGE</td>
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<td>2079</td>
<td>WHEEL, SOLID CORE</td>
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<td>5</td>
<td>2574</td>
<td>LEG, RIGHT CART</td>
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<td>6</td>
<td>2573</td>
<td>LEG, LEFT CART</td>
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<td>3096</td>
<td>ASSEMBLY, CART WYE FRAME</td>
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<td>SPINDLE, WHEEL</td>
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<td>10</td>
<td>4112</td>
<td>SWIVEL, 3/4&quot; GH GOOSENECK</td>
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<td>11</td>
<td>2572</td>
<td>HANDLE, CART</td>
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<td>2654</td>
<td>ASSEMBLY, CRANK HANDLE</td>
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<td>13</td>
<td>4114</td>
<td>MACHINE, HOSE STRAP</td>
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<td>4006</td>
<td>SCREW, M5 x 20 HEX SOCKET HEAD CAP</td>
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<td>15</td>
<td>2587</td>
<td>BRAKE, CAM-LEVER</td>
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<tr>
<td>16</td>
<td>4003</td>
<td>KEY, 8M x M5 L HEX</td>
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</tr>
</tbody>
</table>

QUESTIONS?
PROBLEMS?

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

PHONE:
800-523-4321 (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 2 of this manual.

Step 1
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 2**  
Remove the screw from the Handle Assembly (2654).

**Step 3**  
Install Handle Assembly into Front Flange.

**Step 4**  
Remove the M6 x 20 Hex Socket Head Cap Screws (4006) from the Wheel Spindle (3094).

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<td>4006</td>
<td>SCREW, M6 x 20 HEX SOCKET HEAD CAP</td>
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</table>
Step 5
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 6
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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<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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</table>
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 7.

Step 7
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 8
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 9
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)

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**IMPORTANT!**
If you purchased an Extra-Capacity Kit, make sure you’ve installed the long axle into the Frame Wye (3096) before proceeding. If not, refer back to Extra-Capacity instructions, page 9.

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**Table: Component List**

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<td>3</td>
<td>3088</td>
<td>CLAMP, CART LEG</td>
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<tr>
<td>4</td>
<td>4014</td>
<td>NUT, M6 NYLON INSERT LOCK</td>
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</tr>
</tbody>
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**Diagram:**

*Diagram showing the installation process and parts list.*
**Step 10**  
Install the M6 Serrated Lock Nuts (4015) onto the (2) M6 x 65 Screws (4009). Tighten with Hex Key wrench (4003).

**Step 11**  
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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<td>1</td>
<td>4011</td>
<td>SCREW, M6 x 100 HEX SOCKET HEAD CAP</td>
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<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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**Step 12**
Install the (2) Cart Handles (2572), with the hardware just removed. Tighten with Hex Key wrench (4003).

**Step 13**
Insert the externally threaded (male) end of the Inlet hose (1160) into the axle tube until it is accessible from the other side.
**Step 14**
Install the Flange Assembly onto the axle with the crank handle to the outside.

**Step 15**
Attach the hose strap assembly (4114) by inserting the flexible strap through the rectangle opening in the flange.
Step 16
Nest the hose strap assembly into the rectangle opening.

Step 17
Install the Cam-lever Brake (2587) onto the axle.

Note: Align the tab on the brake with the notch in the flange.
Step 18
Attach the Swivel (4112) to the inlet hose.

Step 19
Attach the Swivel to the axle. Hand tighten firmly.

Step 20
Position the crank handle in the 12 o’clock position and lock the cam-lever brake.
Step 21
Feed the internally threaded (female) end of your garden hose through the flexible strap.

Step 22
Feed your garden hose through the large opening in the flange, thread it onto the swivel. **Tighten firmly.**

Step 23
Use a Phillips head screwdriver, to tighten the screw on the hose strap assembly until the flexible strap is snug on the hose. **Be careful not to over-tighten.**
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.
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.
Reels & Watering Tools
Eley Corporation, (hereafter referred to as the “warrantor”), guarantees their proprietary hose reels and watering tools, and their related components and parts, unless otherwise specified, to be free from defect, malfunction or failure in material, or workmanship, under normal use and service, for 10 years for each garden hose reel and watering tool. All warranty periods start from original invoice date of purchase.

Hose
Warrantor guarantees its polyurethane garden hose to be free from defect, malfunction or failure in material, or workmanship, under normal use and service, for 10 years (120 months). Warrantor guarantees its synthetic rubber garden hose to be free from defect, malfunction or failure in material, or workmanship, under normal use and service, for 5 years (60 months). Fading of the hose cover is a natural occurrence due to long-term exposure to the sun’s UV rays, and is specifically excluded from this warranty.

Paint
Warrantor guarantees its powder coat paint will not bubble, crack or peel under normal use and service, for a period of 1 year (12 months). Warrantor recommends that powder-coated products that are located less than 1000 feet from a seashore (salt water) be systematically fresh water rinsed (at least annually), so as to prevent the accumulation of salt deposits. Fading of the paint is a natural occurrence due to long-term exposure to the sun’s UV rays, and is specifically excluded from this warranty.

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 normal use and service or in excess of their rated capacities and design functions, or under abnormal conditions. The effects of corrosion* (see footnote below), and normal wear and tear, are specifically excluded from this warranty. This warranty does not cover damage which occurs in shipment, 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 your specific legal rights, and you may also have other rights which vary from state to state.

*RUST vs. CORROSION

CORROSION is the gradual destruction of materials (usually metals) by chemical reaction with its environment. In the most common use of the word, this means electro-chemical oxidation of metals in reaction with an oxidant such as oxygen.

RUSTING is the common term for corrosion of iron and its alloys, such as steel. Given sufficient time, oxygen, and water, any iron mass will eventually convert entirely to rust and disintegrate. Surface rust is flaky and friable, and provides no protection to the underlying iron. Many other metals also undergo corrosion, but the resulting oxides are not commonly called rust.

ALUMINUM OXIDE is a chemical compound of aluminum and oxygen. It is responsible for the resistance of metallic aluminum to weathering. Metallic aluminum is very reactive with atmospheric oxygen, and a thin passivation (white) layer of aluminum oxide forms on any exposed aluminum surface. This layer protects the metal from further oxidation. If the aluminum is finished with a protective coating of paint, oxidation will not occur as long as the paint remains intact.