Assembly Instructions for all ELEY power wash hose reel models.

Basic Tools Needed:
- Small straight screwdriver
- 12” Crescent wrench
- 7/8” wrench
- Pipe thread sealant
- Hex key set, including:
  3/8” 5/16”, 3/16”, 5/32” 1/8”

NOTE:
To speed assembly, use a cordless drill with socket hex keys. (See Page 3 for more details)

Drum & Flange Assembly

1. Using a 5/32” hex key wrench, remove the three pre-installed pan-head screws from the back flange.

   ![Diagram 1]

   Loosen

2. Place the brake mechanism onto the first flange. The shape of the brake matches the “pocket” in the flange. There is only one correct way to align it.

   ![Diagram 2]

   2

3. Align the front flange with the brake assembly and using a 5/32” hex key wrench, attach the two flanges together with the three pan-head screws.

   ![Diagram 3]

   Align

4. Using a 5/32” hex key wrench, first remove the pre-installed screw from the crank handle and attach it to the front flange.

   ![Diagram 4]

   Tighten

Page 1
### Pivot Reel Frame Assemblies

#### Models 1070 & 1074
**Quick-Mount Pivot Reels**

1. Insert main tube into pivot assembly.

#### Models 1071 & 1075
**"Vertical Arm" Quick-Mount Pivot Reels**

1. Using a 3/8" hex key wrench, first remove the pre-installed ½" socket head screw and then attach the square tube socket index to the pivot assembly. Tighten firmly

2. Insert main tube into pivot assembly.

#### Models 1072 & 1076
**Floor-Mount Pivot Reels**

1. Attach elbow to pivot assembly.
2. Using a 3/8" hex key wrench, first remove the pre-installed ½" socket head screws and then assemble the frame pieces in the sequence shown.
3. Attach the 2nd elbow to first one.
4. Attach base plate to the elbow.

**NOTE:** The base plate needs to be attached to the elbow prior to attaching it to the horizontal surface.

#### Models 1073 & 1077
**Wall-Mount Pivot Reels**

1. Using the long ½" socket head screw, attach both the index elbow and index tube to the pivot assembly.
2. Insert main tube into pivot assembly
3. Attach base plate to the elbow.
4. **NOTE:** The base plate needs to be attached to the elbow prior to attaching it to the wall.

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### Want to speed the assembly process?

Use a cordless drill with a 3/8" socket adapter, or 3/8" impact wrench with socket hex key wrenches. It can shave anywhere from 1 to 2 minutes off the assembly time...which normally takes just 5 to 7 minutes using manual hex key wrenches...depending on the model.

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### Recommended hex key sizes:

- 1/8" (for brake adjustment)
- 5/32" (for flanges & crank handle)*
- 3/16" (for pivot reel hose guide)
- 5/16" (for pivot reel hose guide)
- 3/8" (for all reel frame assemblies)**

* A longer 5/32" hex key, or a socket extension may be useful for flange assembly.

** 3/8" x 6" with a ball head hex key is advisable for attaching the base plate component.
Attaching the Bottom Swivel (All 360° Pivot Reels)

1. Apply pipe thread sealant to one of the swivels and thread it into the bottom of the main tube axle.

2. Using a 7/8" wrench, firmly tighten the swivel into the bottom of the axle.

3. Using a 12" crescent, tighten the brass nut against the bottom of the pivot assembly.

IMPORTANT!
To ensure that the swivel gets fully seated into the axle for a tight seal, make certain that the brass nut is bottomed out...threaded all the way down, prior to threading the swivel into the axle.

Hose Guide Attachment (All 360° Pivot Reels)

1. Tighten

Using a 5/16" hex key wrench, remove the 3/8" socket-head hex cap screw from the hose guide handle. Feed it through the hose guide arm and back into hose guide handle. Tighten firmly.

2. Slide the hose guide assembly onto the axle.

3. Tighten

Using the 3/16" hex key wrench tighten down the hose guide collar screw.

Objective #1
You want to tighten it enough to eliminate any side-to-side wobble in the hose guide.

Objective #2
DO NOT OVERTIGHTEN.
You want it loose enough for the hose guide to still flip over the top of the reel.
**Attaching the Swivel (All models)**

1. Slide the drum & flange assembly onto the axle.

2. Apply pipe thread sealant to the swivel and thread it into the axle.

   **IMPORTANT!**
   To ensure that the swivel gets fully seated into the axle for a tight seal, make certain that the brass nut is bottomed out... threaded all the way down, prior to threading the swivel into the axle.

3. Using a 7/8” wrench, firmly tighten the swivel into the axle.

4. Using a 12” crescent wrench, tighten the brass nut against the flange.

   Tighten snug but DO NOT over-tighten.

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**Brake Adjustment**

1. Loosen

   Using a small straight screwdriver, remove the small plug from the center of the drum.

2. Insert a 1/8” hex key wrench into the hole and down into the brake mechanism. Turn clockwise until it engages (starts to tighten). From that point, the more you tighten, the more drag the brake will apply when the hose is pulled out. Tighten until you get the desired amount of drag. The brake is one directional. It automatically releases when the hose is reeled back in.

3. Replace the small plug into the hole in the center of the drum.
Attaching the Hose (All models)

1. Feed the high pressure hose through the hose strap from the direction you want it pulled out.

2. Pull through approximately 28" of hose. This will provide the correct amount to "loop" back to the swivel, as shown in step 4.

3. Insert the 5/32" hex key wrench, (or a screwdriver, or some other long, skinny tool) into the left side of the hose strap ratchet and tighten by pushing the tool downward...cranking the ratchet clockwise. Tighten until the strap holds the hose securely in place.

   NOTE: To release the ratchet, simply push in on the button on the right side of the ratchet mechanism.

4. Feed the hose through the slot in the flange, apply some thread sealant to the threads, loop it back around to the swivel and tighten.

Release Button

Tighten hose strap by pushing the tool downward, thereby rotating the ratchet clockwise.