

Instructions / Assembly

1. Pre-Installation Preparation

1.1 Check Package Contents

Before starting assembly, confirm that the hanging kit contains all components: 2 x 304 stainless steel porch swing springs (each with rubber tips on both ends). If any part is missing or damaged, do not proceed with installation.

1.2 Confirm Installation Conditions

Ensure the installation location (ceiling beam, porch frame, etc.) is a solid, load-bearing structure that can support at least the total weight capacity of the two springs (1300 lbs total, 650 lbs per spring) plus the weight of the suspended item (e.g., porch swing, hammock).

Avoid installing on weak surfaces such as drywall, hollow wood, or unstable frames—these may collapse under load, causing safety hazards.

Choose an installation area away from sharp objects or obstacles to prevent damage to the spring or suspended item during use.

2. Required Tools (Not Included in Package)

Drill (with drill bit matching the size of your mounting hardware)

Screwdriver (Phillips or flathead, depending on hardware type)

Mounting hardware (e.g., eye bolts, hooks, lag screws) – ensure hardware is load-bearing and compatible with the installation surface

Tape measure (to confirm equal spacing for balanced hanging)

Level (to ensure the installation is horizontal, preventing uneven stress on springs)

3. Step-by-Step Assembly Instructions

Step 1: Mark Installation Positions

Use a tape measure to determine the distance between the two mounting points (match the width of the suspended item, e.g., porch swing). Mark the positions with a pencil.

Use a level to check that the two marks are horizontally aligned—uneven installation will cause uneven weight distribution on the springs.

Step 2: Install Mounting Hardware

Drill pilot holes at the marked positions (drill bit size should be slightly smaller than the mounting hardware to ensure a tight fit).

Screw the mounting hardware (e.g., eye bolts) into the pilot holes, ensuring they are fully tightened and secure. Pull gently to test stability—if hardware wobbles or loosens, recheck and reinforce.

Step 3: Attach Springs to Mounting Hardware

Take one spring and hook one end (with rubber tip intact) to the installed mounting hardware. Ensure the hook is fully engaged and not at risk of slipping.

Repeat the process for the second spring, attaching it to the other mounting point. Double-check that both springs are hung at the same height to ensure balanced weight distribution.

Step 4: Connect Springs to Suspended Item

Lift the suspended item (e.g., porch swing, hammock) and hook its attachment points to the free ends of the two springs. Ensure each connection is secure—avoid loose hooks or partial engagement.

If the suspended item has adjustable straps or chains, adjust them to make the item horizontal. Use a level to confirm alignment.

Step 5: Post-Installation Check

Gently pull the suspended item in different directions to test the stability of the springs and connections. There should be no excessive wobbling or loosening.

Verify that the rubber tips on the spring ends are still in place—they prevent scratches during use and installation.

Confirm that the total weight of the suspended item does not exceed 1300 lbs (the combined capacity of the two springs). Do not test with excessive weight.

4. Important Safety Notes During Assembly

Wear work gloves during installation to protect hands from scratches (even with rubber tips on springs).

Do not stand directly under the installation area while attaching hardware or springs—prevent injury if parts fall.

If installing overhead (e.g., ceiling-mounted), use a stable ladder or step stool. Do not stand on unstable surfaces (e.g., chairs, boxes).

If you are unsure about the load-bearing capacity of the installation surface or the correctness of assembly, consult a professional before use.