Insect Screen for Shutters

Actual screen kit may differ.

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Important Information

READ THIS DOCUMENT BEFORE YOU BEGIN
Thank you for purchasing the insect screen kit. When properly assembled and maintained, this product will provide years of reliable service. These instructions include helpful hints and important information needed to safely assemble and properly maintain the kit components. Please read these instructions before you begin. If you have any questions during assembly, contact customer service at 1.800.245.9881 for assistance.

SAFETY PRECAUTIONS
- Wear eye protection.
- Wear gloves when handling metal.
- Use a portable GFCI (Ground Fault Circuit Interrupter) when working with electric power tools and cords.

REQUIRED TOOLS
The following list identifies the main tools needed to assemble and install the insect screen kit. Additional tools may be needed.
- Tape measure and marker.
- Variable speed drill (cordless with extra batteries works best) and 5/16" drill bit for metal.
- Small hammer and gloves.
- Level (length depends on kit dimensions) and carpenter’s square or similar tool to square assembled frame.
- 7/16" wrenches and a socket set containing 7/16" deep-well socket.
- Miscellaneous clamps to hold components.
- Wire cutters to cut spring wire.
- Scissors to cut bulk insect screen.
- Caulk gun to apply sealant.

ASSEMBLY PROCEDURE
Following the instructions as presented will help ensure proper assembly. Steps outlining assembly process are as follows:
1. Verify that all parts are included in the shipment. Notify customer service for questions or concerns.
2. Read these instructions and all additional documentation included with the shipment before you begin.
3. Gather the tools and assistants. Assistants are helpful during assembly.
4. Assemble kit components. Read this document to determine what pages apply to your kit.
5. Read the care and maintenance information.

PICTORIAL PARTS GUIDE

CARE AND MAINTENANCE
Proper care and maintenance is important. Check the following items periodically to ensure components are secure and functioning properly.
- Check all fasteners to verify they remain tight.
- Never climb or stand on any part of the screen frame.
- Keep sharp objects away from screen.
- Never stack or lean objects against the screen.
- Do not allow debris, ice, or snow to buildup on top section of screen.
- Clean screen using garden hose and spray nozzle. Keep water away from electrical components.
- For replacement or missing parts, call 1.800.245.9881 for assistance.

IMPORTANT
These instructions assume shutter unit is installed. If it is not, install it before continuing with these instructions.

Do not attach screen frame without first installing the shutter unit.
ASSEMBLE SCREEN FRAME

Assemble 24" x 24" frame (115106S) as shown on this page. For 115107S kit, complete Procedure 1b; for 115108S, complete Procedure 1c.

Required parts:
- All frame components as identified on diagram below.
- 1/4" hex bolts and locknuts

ATTENTION: For best results, assemble on a flat surface. Assemble as shown using the 1/4" fasteners; then, square each corner using a carpenter's square before you tighten the bolts. Assistance is required to lift, hold, and attached assembled screen frame to building.
ASSEMBLE SCREEN FRAME

Assemble 36" x 36" frame (115107S) as shown on this page. For 115106S kit, complete Procedure 1a; for 115108S kit, complete Procedure 1c.

ATTENTION: For best results, assemble on a flat surface. Assemble as shown using the 1/4" fasteners; then, square each corner using a carpenter's square before you tighten the bolts. Assistance is required to lift, hold, and attached assembled screen frame to building.
Assemble 115108S (48" x 48") Screen Kit

**ASSEMBLE SCREEN FRAME**

Assemble 48" x 48" frame (115108S) as shown on this page. For 115106S kit, complete Procedure 1a; for 115107S kit, complete Procedure 1b.

**Required parts:**
- All frame components as identified on diagram below.
- 1/4" hex bolts and locknuts

**ATTENTION:** For best results, assemble on a flat surface. Assemble as shown using the 1/4" fasteners; then, square each corner using a carpenter’s square before you tighten the bolts. Assistance is required to lift, hold, and attached assembled screen frame to building.
Once the screen frame is assembled and all 1/4" fasteners are tight, lift frame into position around shutter and secure to building. Fasteners to attach frame to metal are included. If building wall is wood or other material, customer must supply fasteners. **Do not use the Tek screws for non-metal building frame.** After screen frame is secured to building, install the insect screen for your screen kit. **Begin by sealing around the frame as shown on page 8.**

Install fasteners through this flange and into building frame. Add customer-supplied materials for framing/backer as needed.

Space fasteners 8”-10” on-center around perimeter of screen frame.
ATTENTION: Actual frame and screen kits may differ from what is shown. Securing insect screen is similar. Photos are presented to show that process. Examples only. After viewing these sample photos, continue with the procedures beginning on next page for all kits.

- Drape screen over frame.
- Secure using spring wire.
- Cut spring wire to length.
- Trim screen material.
- Install spring wire.

Sample screen shown.
SEAL FRAME

Required parts:
• DE4007 Sealant

Sealant helps keep insects out. Apply a bead of sealant around the perimeter of screen frame to seal any gaps between screen frame and building. See dashed lines.

ATTENTION: Allow sealant to dry before insect screen installation.

PREPARE SCREEN FOR INSTALLATION: 115106S (24" x 24")

Take bulk insect screen and cut it into two (2) panels using the grid shown below.

For best results, spread screen out on a clean surface that will not damage material. Cover surface with cardboard or similar material if needed. Panels are trimmed after installation.

Cut two (2) panels from the bulk insect screen:
• one (1) @ 3' x 8'
• one (1) @ 3' 6" x 8'

NOTE: Trim panels to length after installation. Do not over-stretch panels during installation. Panels should be taut.

Photo below shows spring wire as seen installed in frame channel to lock screen in place. Additional photos are found on previous page.
115106S Screen Installation for 24" x 24" Kit

INSTALL INSECT SCREEN
Complete the steps that follow to install insect screen. See right column of previous page for 115106S panel preparation steps. After preparing panels, continue with the steps below.

For kits 115107S and 115108S, skip to page 10 or 11 (depending on kit) and continue.

Required parts:
- Panels from previous page.
- 102198 Spring Wire

Exercise caution when cutting and installing spring wire. Wear eye protection during installation and when handling spring wire to prevent injury.

1. Secure Panel 1 to upper channel along one side. Pull tight toward bottom of frame square and secure in side and bottom channels. Pull panel under frame toward remaining open side. Secure to upper channel along opposite side and secure.

2. Cut spring wire to length as needed. Do not stretch screen too tight. View sample photos on page 7.

3. Trim panel as desired. Leave 2" or more to reattach and stretch panel if needed.

4. Install Panel 2 as shown above.
   ATTENTION: Install spring wire and panel in same channels used for Panel 1 installation where panels overlap.

5. After securing panel to top square of frame, stretch panel down to cover front and secure in same channel used for Panel 1 by installing another run of spring wire.

6. Trim excess panel. Leave 2" or more to reattach and stretch panel if needed.
INSTALL INSECT SCREEN — 36" x 36" Kit

Complete the steps that follow to install insect screen.

1. Take bulk insect screen and cut to size using the template shown below.

2. Use diagrams on this page to install screen.

Exercise caution when cutting and installing spring wire. Wear eye protection during installation and when handling spring wire to prevent injury.

Required parts:
- 113819 Bulk Insect Screen
- 102198 Spring Wire

Panel 1 covers four (4) sections. Secure Panel 1 to lower side channel first. Then drape panel over frame. Secure screen to each frame square using a single run of spring wire in each channel. Cut wire to length. Do not stretch screen too tight.

Secure free edge of Panel 1 using same channel and another run of spring wire. Trim panel as desired. Leave 2” or more to reattach and stretch panel if needed.

Secure Panel 2 to front of frame. Install spring wires in same channels used to secure first panel. Trim excess panel. Leave 2” or more to reattach and stretch panel if needed.

NOTE: Trim panels to length after installation. Do not overstretched panels during installation. Panels should be taut.

Cut two (2) panels from bulk insect screen:
- one (1) @ 4’ x 14’ (covers four sections)
- one (1) @ 4’ x 4’ (covers front section)
Cut two (2) panels from bulk insect screen:
- one (1) @ 5' x 18' (covers four sections)
- one (1) @ 5' x 5' (covers front section)

**NOTE:** Trim panels to length after installation. Do not over-stretch panels during installation. Panels should be taut.

**INSTALL INSECT SCREEN — 48" x 48" Kit**

Complete the steps that follow to install insect screen.

1. Take bulk insect screen and cut to size using the template shown below.
2. Use diagrams on this page to install screen.

**Required parts:**
- 113819 Bulk Insect Screen
- 102198 Spring Wire

**Exercise caution when cutting and installing spring wire. Wear eye protection during installation and when handling spring wire to prevent injury.**

Panel 1 covers four (4) sections. Secure Panel 1 to lower side channel first. Then drape panel over frame. Secure screen to each frame square using a single run of spring wire in each channel. Cut wire to length. Do not stretch screen too tight.

Secure free edge of Panel 1 using same channel and another run of spring wire. Trim panel as desired. Leave 2" or more to reattach and stretch panel if needed.

Secure Panel 2 to front of frame. Install spring wires in same channels used to secure first panel. Trim excess panel. Leave 2" or more to reattach and stretch panel if needed.

Cut two (2) panels from bulk insect screen:
- one (1) @ 5' x 18' (covers four sections)
- one (1) @ 5' x 5' (covers front section)

**NOTE:** Trim panels to length after installation. Do not over-stretch panels during installation. Panels should be taut.

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