

Soft Cab Enclosure Installation Instructions

For Kit #7148800 (Complete)

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11/05

7139445

SkyTrak®

Estimated time to install and use kit is 2 hours installation time plus 32 hours cure time for the urethane sealer and the adhesive hook material.

PART 1 WINDSHIELD/SKYLIGHT KIT

Vehicle Preparation

1. Park the vehicle in an area where the temperature will be at least 70°F (20°C). Let the vehicle stand until the vehicle's surface has attained this temperature.
2. With the steering mode in four wheel steer, turn the wheels all the way to the right.
3. Place the travel select lever in (N) NEUTRAL, then move neutral lock lever into the LOCK position. Engage the parking brake switch.
4. Raise the boom to approximately 40°.



WARNING: DO NOT get under a raised boom unless the boom is blocked up. Always block the boom before doing any servicing which requires the boom to be up.

5. Turn the engine OFF and remove the key.
6. Clean the surface of the cab openings (Figure 1, 1) with a glass cleaner. DO NOT use ammonia based glass cleaner. If skylight grill (2) is excessively dirty, clean now, later will be more difficult. The skylight is a permanent installation.

Windshield/Skylight Preparation

1. Lay the parts out as shown in Figure 2. Place the glass on a protective surface such as the bubble wrap packaging or cardboard. The black border on the glass should be facing up.

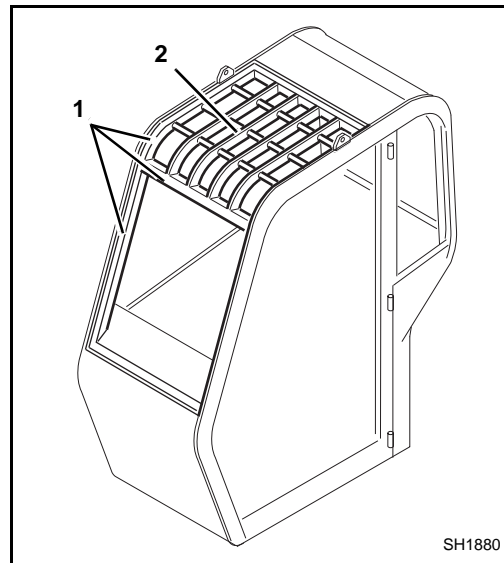


Figure 1

2. Using glass cleaner, clean the skylight glass (Figure 2, 1), windshield clip (2), windshield glass (4), and windshield plate (5). Allow the surfaces to dry completely.
3. Apply the bulb seal (Figure 2, 3) to the windshield clip (2).
4. Apply the bulb seal (Figure 2, 3) to the perimeter of the windshield glass (4). When applying the bulb seal around the corners, make a small triangular cut (6) on the inside corners so it will lay flat.
5. Apply the bulb seal (Figure 2, 3) on the lower windshield plate (5).

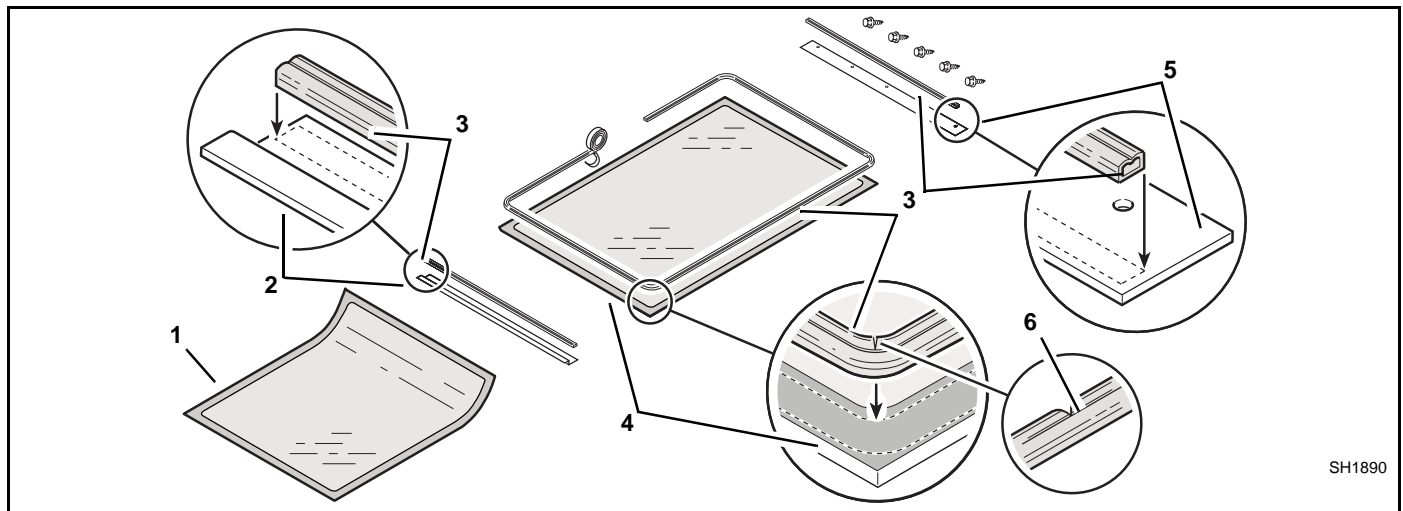


Figure 2

Windshield Installation

1. Attach two of the setting blocks (adhesive backed) to the bottom edge of the cab opening (Figure 3, 6). These blocks will protect the bottom edge of the glass.
2. Place the windshield glass (Figure 3, 4) in the front cab opening. Fasten the windshield glass with the windshield plate (5) and the five self tapping screws (7).
3. Apply a 3/16" (5 mm) diameter bead of urethane sealer (Figure 3, 8) to the cab where the windshield clip (Figure 3, 2) will be attached. (Applying too much urethane sealer may ooze out onto the glass and cause problems in the future if removing the windshield is desired.)
4. When positioning the windshield clip (Figure 3, 2) on the top of the windshield, leave a 1/8" (3 mm) gap between the clip and the glass. As shown in Figure 3.

Note: Allow the urethane sealer 4-6 hours to cure before proceeding to the Skylight Installation.

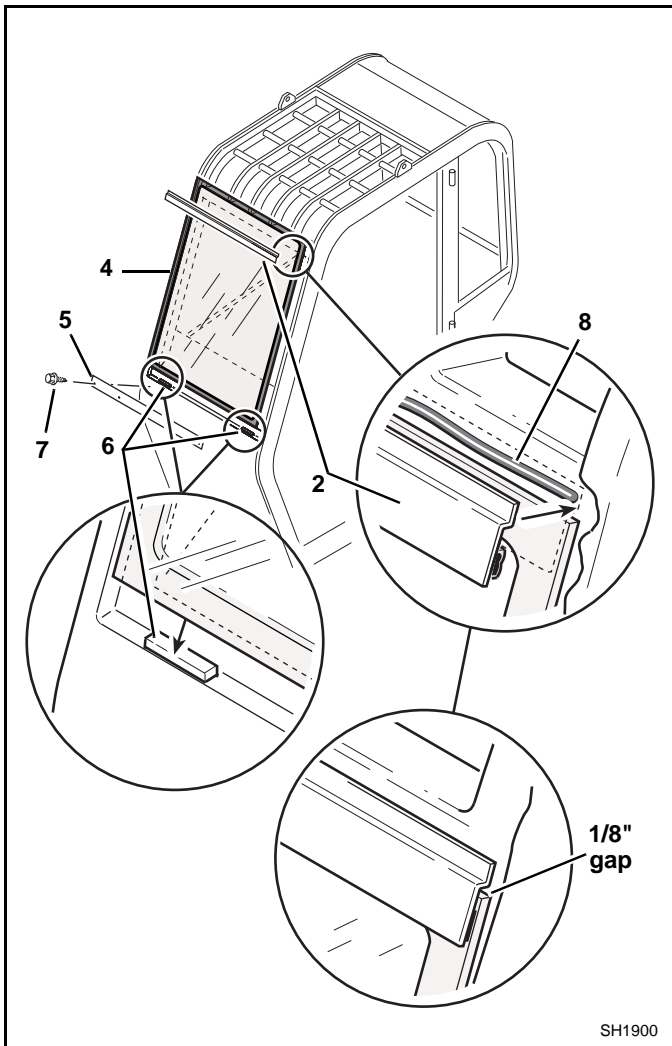


Figure 3

Skylight Installation

1. Attach six of the setting blocks around the top opening in the cab (Figure 4, 6). Place the setting blocks so they will be completely under the glass and parallel with the edge of the opening.
2. Apply a 3/16" to 3/8" (5 to 7 mm) diameter bead of urethane sealer (Figure 4, 8) around the opening and over the top of the setting blocks.
3. Place the skylight glass in the top cab opening, front edge first (Figure 4, 1). Make sure it is centered on the opening and does not contact any cab metal. Space between the glass and the cab metal is needed for possible expansion and contraction. Press the glass firmly in place to ensure proper bonding of the glass and sealer.
4. Refrain from using the vehicle while urethane sealer is curing. Normal cure time for urethane is 24 hours at 70°F (20°C) and 50% humidity. Lower temperatures and/or lower humidity will lengthen the cure time.

Note: Allow the urethane sealer 3 hours to become tack free before proceeding to PART 2.

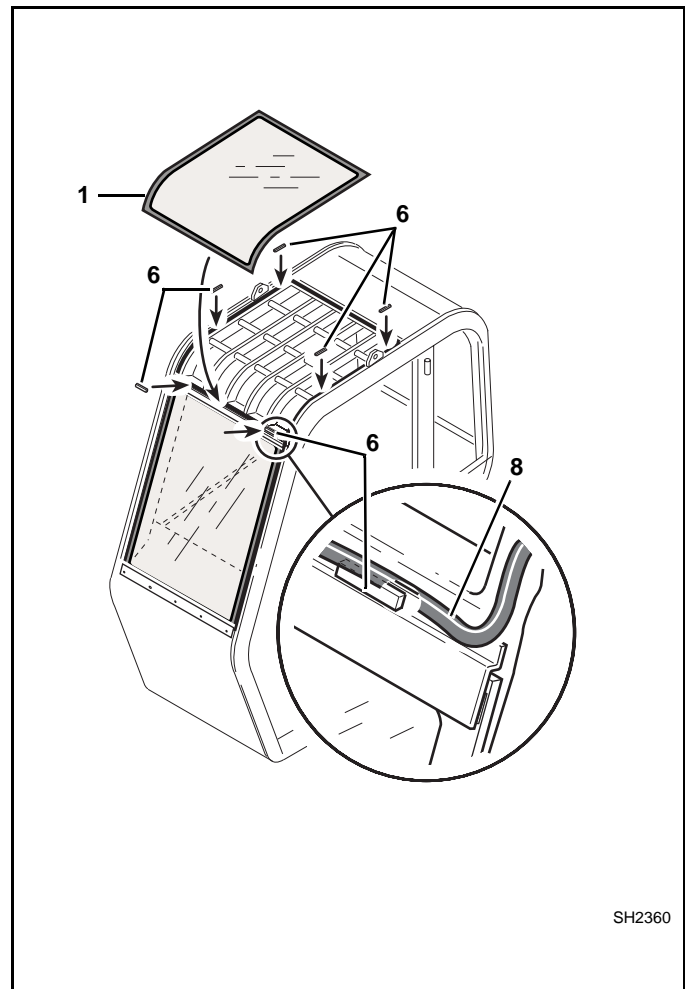


Figure 4

PART 2 SOFT CAB ENCLOSURE KIT

Vehicle Preparation

1. If vehicle has been moved, see Vehicle Preparation page 1, step 1 thru step 5.
2. The hook strip material is a pressure sensitive adhesive backed material, that is not easily removed once applied. It should only be attached to surfaces that are smooth, dry, and free of oils, grease, and dirt.
3. Refer to Figure 5 and clean the areas designated with a heavy gray line (Figure 5, 1), including the outer edges of the windshield and skylight with a glass cleaner. DO NOT use an ammonia based glass cleaner. Allow the surface to dry completely.

Main Cab Enclosure Preparation

1. Before installing the hook strip material, lay the main cab enclosure section of the soft cab kit over the top of the cab structure to check fit and position (Figure 6). Be sure the lifting plate (1) on top of the cab fits through the opening in the top edge of the enclosure. Adjust and reposition as needed for a even fit.
2. Once it is in position, secure the corners with masking tape (Figure 6, 2). To insure proper alignment of the hook strip mating surfaces, mark the outside edges with masking tape (3). After marking, remove the enclosure and store until ready for installation.
3. Align and apply the 2" (50 mm) wide hook strip material (Figure 7, 1) with firm pressure. Be careful to minimize contact with fingers. Use Figure 7 and also the tape marks applied during step 2 as a guide. Center and apply a hook strip on the right outside post (2). Use a roller and firmly roll the strips into place making sure the strips are laying flat and in full contact with the bonding surfaces (cab metal and glass). Resistance to edge peeling can be improved by nipping or rounding the corners (3) of the hook strip material.

Note: Failure to allow proper cure time will result in poor adhesive hook material bond. DO NOT install the enclosure on the cab until the adhesive hook strips have cured to at least 90%, which is reached after 24 hours, 100% after 72 hours at 70°F (20°C).

Note: Remember to remove the masking tape as it may permanently adhere itself after 24 hours.

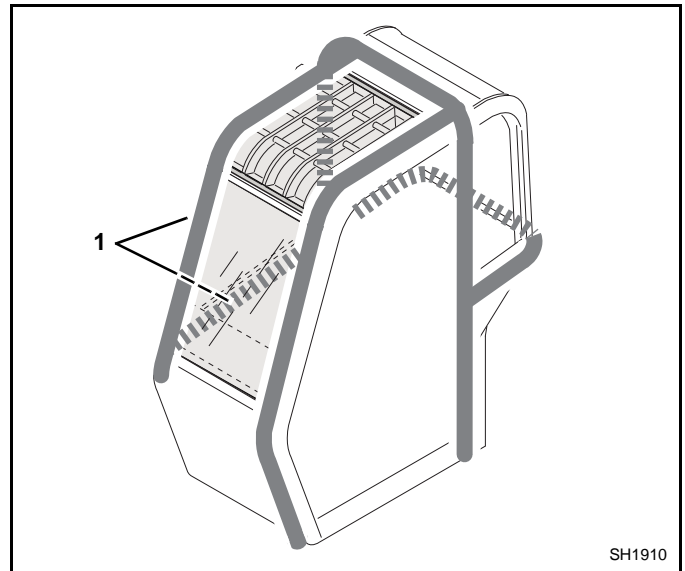


Figure 5

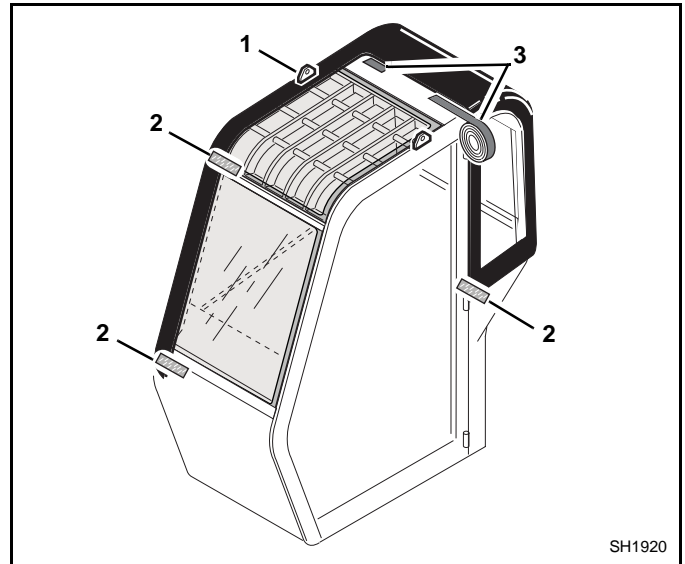


Figure 6

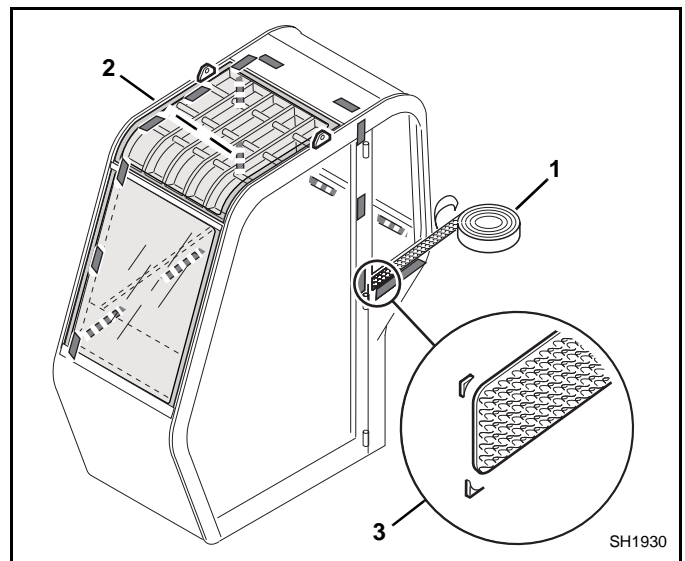


Figure 7

Door Preparation

1. Close the zipper on the door section and put door in place on the cab. Be sure the lifting plate (Figure 8, 1) on top of the cab fits through the opening in the top edge of the door section. Adjust and reposition as needed for a even fit.
2. Once the door section is in position, secure corners with masking tape (Figure 8, 2). To insure proper alignment of the hook strip mating surfaces, mark the outside edges with masking tape (3). After marking, remove the door section and store until ready for installation.
3. Align and apply the 2" (50 mm) wide hook strip material (Figure 9, 1) to the door frame top and left sides, with firm pressure. Apply the 1-1/2" (38 mm) wide hook strip material (2) to the door frames right side, just left of the door hinge brackets (Figure 9, 1). Be careful to minimize contact with fingers. Use (Figure 9) and also the tape marks applied to the door section during step 2 as a guide. Use the roller and firmly roll the strips into place making sure the strips are laying flat and in full contact with the bonding surfaces (cab metal and glass).

IMPORTANT: Failure to allow proper cure time will result in poor adhesive hook material bond. DO NOT install the enclosure on the cab until the adhesive hook strips have cured to at least 90%, which is reach after 24 hours, 100% after 72 hours at 70°F (20°C).

Enclosure Installation

1. **Main Cab Enclosure section.** Install main cab enclosure by placing it around the back of the cab and aligning the edges of the right side window (Figure 10, 1). Be sure the lifting plate (2) on top of the cab fits through the opening (3) in the soft cab enclosure. Adjust and reposition as needed for a snug fit and then press all edges firmly into position.

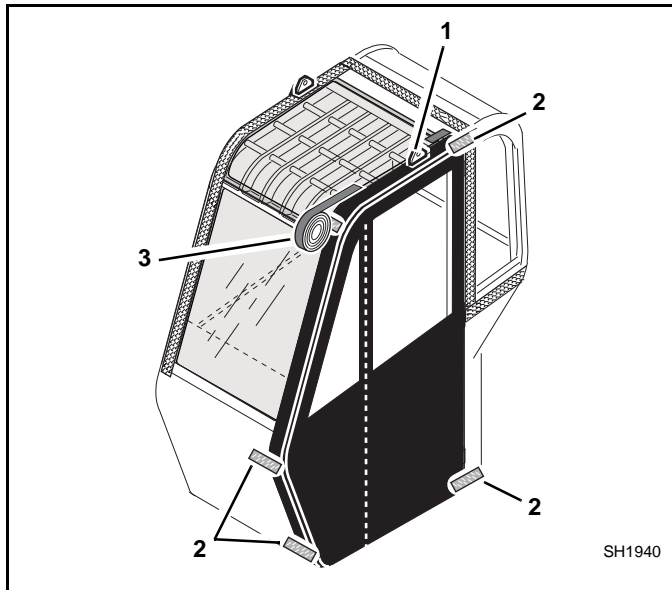


Figure 8

2. **Door section.** Close the zipper and place the door section on the cab. Be sure the lifting plate (Figure 10, 4) on top of the cab fits through the opening in the top edge of the door section (5). Adjust and reposition as needed for a even fit, then press all the edges firmly into position.

Note: Make sure there is no tension on the door from side to side, the zipper should operate freely.

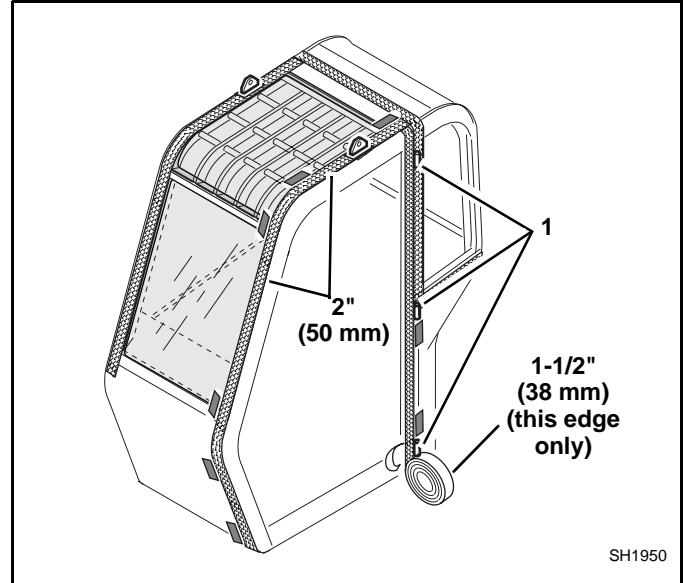


Figure 9

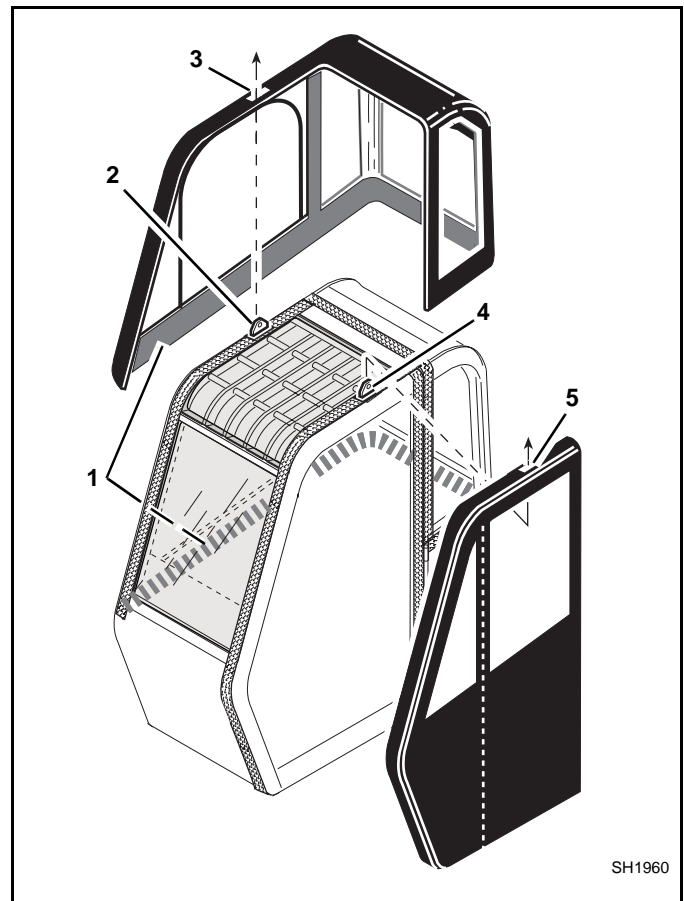


Figure 10

Window Operation

1. To open the window and secure in the lowered position, roll the window out and downward and secure with the straps and clip (Figure 11, 1).
2. To close the window, hold the top of the window in place with one hand, while guiding the zipper closed with the other hand.

Door Operation

1. The zipper should operate freely. Make sure there is no tension on the door zipper from side to side. If there is tension, adjust and reposition as needed and then press edges firmly into position.

Note: DO NOT attempt to enter or exit the operators cab with the zipper partially closed as this will cause damage to the zipper teeth.

Note: DO NOT pull on the door fabric to open or close the zipper as this will cause damage to the zipper teeth. Use the zipper pull only.

2. The entire door can either be folded over (Figure 11, 2); rolled up (3) and secured in place (4); or be removed (after folding, rolling and securing) to provide the maximum door opening, or for storing when not in use.

Enclosure Care

1. Use a soft, clean cotton cloth with warm water and mild soap to clean the enclosure. Rinse the entire enclosure to loosen and remove surface dirt. First suds up (with clean soapy water) the clear vinyl windows very gently. Wait a minute to allow the soap to work, then rinse while wiping with soft cloth. Finish washing the rest of the enclosure. Repeat if enclosure is extremely dirty.

Note: *Dirt particles will scratch the clear vinyl windows if cleaned in another way.*

2. DO NOT use any bleach or ammonia based cleaners. DO NOT use any stiff bristled brushes which could scratch the clear vinyl windows.
3. DO NOT transport the vehicle with the enclosure attached. Excessive wind may cause damage to the enclosure. The enclosure should be stored in the original carton during transport or when not in use.

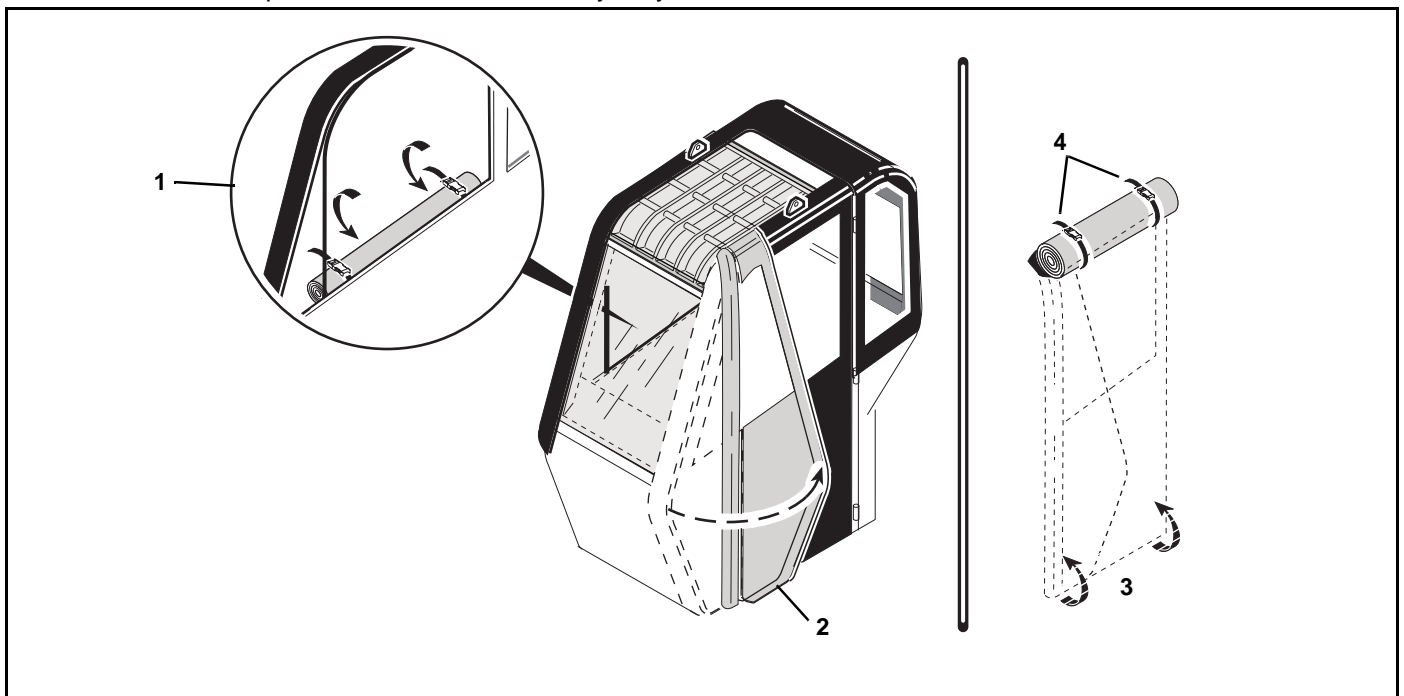


Figure 11