Hy-Lite PRODUCTS, INC.

Damaged Block Replacement

Tools required:

Hammer
Utility Knife
Keyhole Saw or Hacksaw
Rubber Mallet (optional)
Pliers or Vise Grips™
Quality Acrylic Caulk (squeeze tube)
Protective Eyewear
Work Gloves

There are two types of damaged block. 1) A non-perimeter block: a broken block that is surrounded on all four sides by other block. 2) A perimeter block: a block touching the frame on at least one side. Both non-perimeter and perimeter damaged blocks are replaced using the same Block Replacement Kit and similar methods.

NOTE: Always wear gloves and protective eyewear when installing repair kits.

Non-perimeter Block Repair Instructions

1. With a utility knife score deep into the center of the caulk lines surrounding the damaged block on both interior and exterior sides of the window. Score deep enough to cut through caulk line.

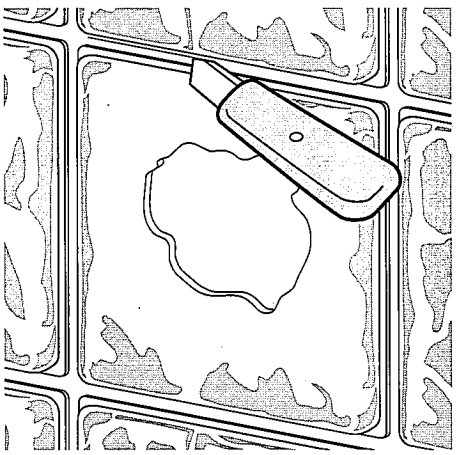


figure 1

2. With a hammer or rubber mallet strike the face of the damaged block hard enough to break the face of the block, careful not to damage any of the surrounding blocks. Continue breaking away smaller pieces of the block (you may use pliers or Vise Grips) until the bulk of the face of the block has been removed. Repeat this step on the opposite side.
3. With a keyhole saw or hacksaw remove approximately one inch of the left and right walls of damaged block, cutting only to the score line in caulking (be careful when cutting through block walls so as not to damage surrounding block). Remove the top section of the block by pulling it down and away from the surrounding blocks. Remove the lower section in a similar manner.

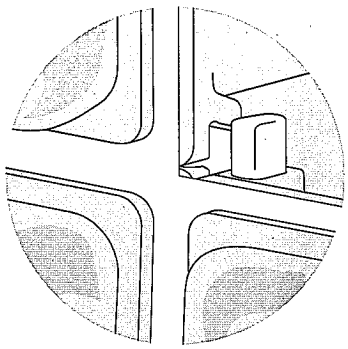


figure 2

4. You will notice eight (8) white plastic clips at the corners of new opening (figure 2) — four on the front perimeter and four on the back perimeter. With a utility knife cut away exposed portions of clips, flush with clip housings they are seated into.

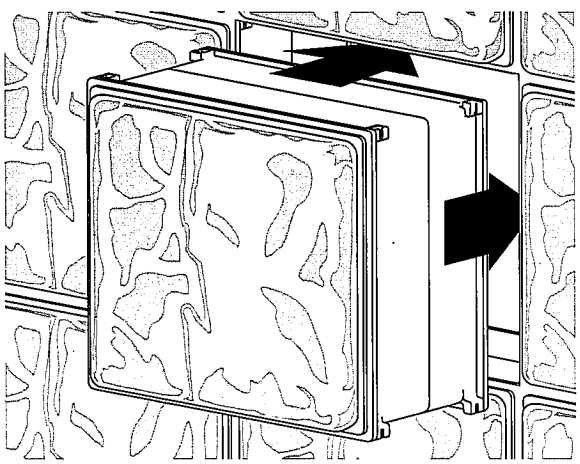


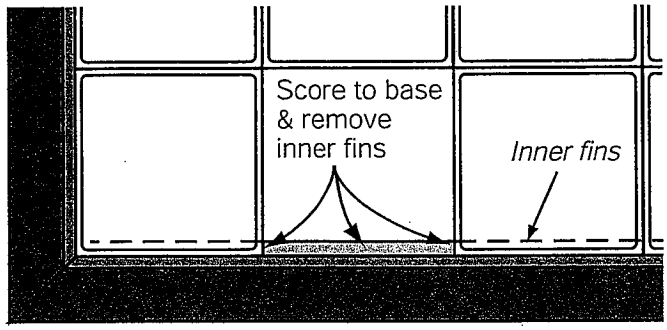
figure 3

5. Examine the opening that has been created. Remove any stray pieces of plastic or caulking to allow a clear opening to insert the new block.
6. Insert new block evenly into the opening until it is lined up flush with the surfaces of surrounding block. You may need to tap on the outer corners of the repair block with the palm of your hand or a rubber mallet (figure 3). If the block doesn't seem to fit, rotate the block 90-degrees and reinsert. When the block has been fully inserted use a straight edge to ensure block face is flush with surrounding blocks.
7. With acrylic caulk, apply a caulk line around new block to fill the hairline gap left from the scoring in step 1.

The information contained is current at the time of printing. Changes to product(s) may have been made since publication. Please consult your sales representative prior to purchase.

Perimeter Block Repair Instructions

1. Follow steps 1 through 4 from the previous non-perimeter instructions to remove damaged block, and cut off the exposed areas of the white plastic clips.
2. Once the damaged block has been removed, you will notice one or two interior fins between the two caulking support legs on the aluminum frame (figure 4). Score these fins with a heavy duty utility knife (or cut with a hacksaw blade) perpendicular to frame next to remaining block (see figure 5). Be careful not to cut into either of the outer caulking support legs. If the block is in the corner of window frame this procedure must be done to both the vertical and horizontal exposed inner fins.
3. With pliers or Vise Grips, bend the fin back and fourth, until the two perpendicular score lines break away. Remove or fold the fin over far enough to allow the repair block to slide in. Repeat until all exposed fins are removed or folded over.
4. Continue with steps 5, 6 and 7 of the non-perimeter repair kit instructions to completion.



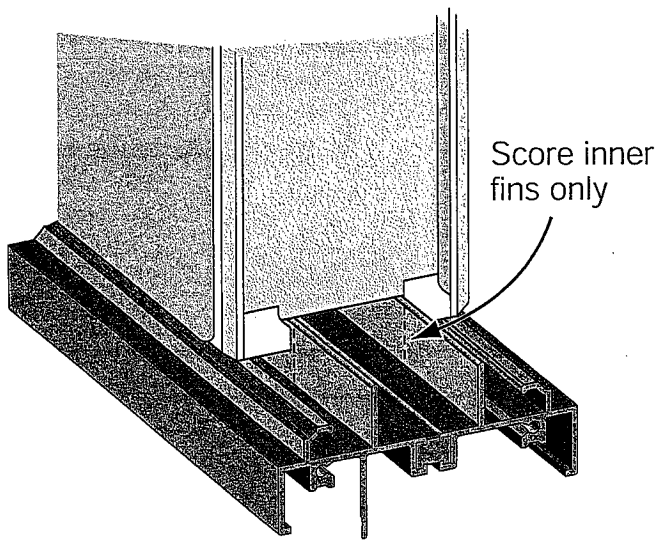


figure 5

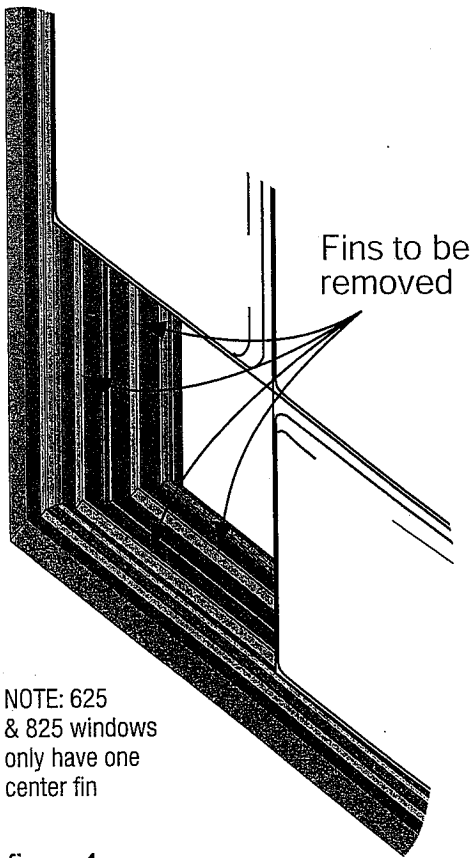


figure 4