



Keystone Impact Rated Frame Removal Instructions



OVERVIEW

There may be occasions when it becomes necessary to remove a Keystone frame after it has already been installed. This document outlines a clear, step-by-step process for safely removing the Keystone frame.

The Keystone frame with Grip-and-Release System (patent pending) replaces permanent tape with interlocking stems for a secure fit that removes easily during servicing.



TOOLS REQUIRED:

- Small Flat Head Screwdriver (1/8")
- Drill with #2 Phillips driver bit
- 50%-70% Isopropyl alcohol (IPA)
- 1/2" thick x 6" wide board
- Lint-free cloth
- Safety gloves
- Safety glasses

COVER REMOVAL ON INTERIOR FRAME



STEP 1

Insert the screwdriver under the inside corner of one cover. Lift to disengage the retaining feature. Hold the edge to prevent re-engaging.



STEP 2

Insert screwdriver under the outside corner. Lift to disengage the retaining feature.



STEP 3

Pull the cover from the extrusion.

FRAME REMOVAL



STEP 1

Remove all screws from the frame.



STEP 2

Remove inner frame and set it aside.

FRAME REMOVAL CONT.



STEP 3

Hold the glass panel down and lift the door up from either end of the door until the Grip-and-Release material is disengaged.

Fully remove the door from the frame and set aside.



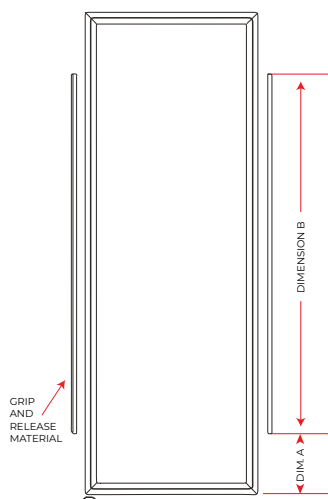
STEP 4

Remove the Grip-and-Release material from the door. Remove any adhesive residue from the door with an IPA wipe. Keep the Grip-and-Release material attached to the frame.

NOTE: Skip Step 4 for the following sizes: 7x64, 8x64, 14x64, 8x80, 14x80, 22x10, 21x16, 22x15, 25x15.

FRAME REINSTALLATION

If you plan to re-use the Keystone frame and re-install into a door, follow these steps below.



Frame Size	DIMENSION A (IN)	DIMENSION B (IN)
20 x 36	4	20
22 x 36	4	20
22 x 48	4	36
22 x 60	15	36
20 x 64	15	36
22 x 64	15	36
22 x 76	4	72
20 x 80	4	72
22 x 80	4	72



STEP 1

Cut two new strips of the Grip-and-Release material from the service roll to match the length of the strips still attached to the outer frame. Below is a reference table for the Grip-and-Release material length for each frame size.

NOTE: Replacement material can be ordered: Service Roll Part Number (34062150)

FRAME REINSTALLATION CONT.



STEP 2

Align the new strip that was just cut to the existing strip on the outer frame and engage the strips every ~6" using your fingers.



STEP 3

Use a board to press down and engage the new strip with the existing strip along the entire length. Listen for a clicking sound to ensure the material is fully engaged. Visually inspect the part to ensure no section is left un-engaged.



STEP 4

The Keystone unit is now ready to be re-installed into a door using the typical installation instructions.