



# Glass Door Latch Replacement

A beginner's guide on how to replace a broken sliding glass door latch.

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# INTRODUCTION

Model: Mortise Latch (Adjustable) Vertical Lever Slot

Model Code: E2013

This fast fix is replacing an adjustable mortise latch to a sliding glass patio door. The goal is to replace the broken/damaged latch with the same model due to the possible home security risk that a broken latch poses to a home.

Note that the latch or its replacement can be lost inside the door if the fast fix is done incorrectly. If you're unsure that you can keep the latch from being lost, ask a friend or family member for a second pair of hands.

Possible symptoms of a damaged/broken latch:

- Considerably loose
- Door can be forcibly opened while locked
- Cannot be unlocked/locked

Additional Resources: [PLPCI Website](#)



## TOOLS:

- [Phillips #3 Screwdriver](#) (2)

*The second screwdriver can be substituted for a dowel with a small diameter.*



## PARTS:

- [Mortise Latch](#) (1)

*Can be found at hardware stores, Lowe's and Home Depot*



## Step 1 — Outer Removal



- Using a Phillips #3 screwdriver, unscrew the two 50mm screws on the inner and outer handles.
- Remove the handles.

## Step 2 — Preparation



- Using the latch key, make sure the key is pointed in the downward position.
- Insert the second screwdriver or dowel into the bottom hole or latch key hole to prevent the mechanism from falling.



The latch mechanism can fall down into the door if the screwdriver/dowel is not inserted.

### Step 3



- Using a Phillips #3 screwdriver, remove the two 13mm screws from the door while holding the latch.

⚠ Make sure to hold the latch while unscrewing the mechanism from the door.

### Step 4 — Mechanism Removal



- While holding the latch, move the mechanism downwards and remove it from the door.



## Step 5 — Replacement Prep



- Using the latch key, put the latch in the lock position.
- ⓘ While the mechanism can be installed without the latch being out. Using the latch as a handle will help the installation.

## Step 6 — Installation



- Insert the mechanism top first while holding the latch.
- ⚠ Do not let go of the latch until completing Step 7.

## Step 7 — Installation Cont.



- Using a Phillips #3 screwdriver, screw in the two 13mm screws in the original holes.
- Remove the screwdriver or dowel from the hole once the mechanism is screwed into the door.

## Step 8 — Latch Correction



- Insert the latch key back into the keyhole.
- Move the latch key back into the unlocked position.



## Step 9 — Handle Placement



- Place the handles back into place and screw in the two 50mm screws with a Phillips #3 screwdriver.
- ⓘ Make sure the outer and inner handles are aligned. Nothing's worse than a misaligned door handle!

To reassemble your device, follow these instructions in reverse order.