# PROVIA DESIGNER PATIO DOOR SCREEN - RETROFIT INSTALLATION

## Tools & Materials You Will Need:
- (1) #2 Phillips Head Screwdriver
- Pencil
- Power Drill with Assorted Drill Bits

## Part List Information

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## Installation Screw Pack Contents:

- F: 1 Each Left and Right Roller Brackets
- D: (5) #6-32 x 3/8" Phillips Flathead Screws
- C: (7) #8 x 3/4" Phillips Panhead Self-Drilling Screws for Header and (4) For Latch Stop Rail & (2) for Hinge Side
- G: (3) #6 x 3/8" Phillips Panhead Self-Drilling Screws for Latch Stop Rail & (2) for Hinge Side
- E: (3) Bumpers

## REMEMBER: ALWAYS USE THE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

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**Please Note:**

The ProVia Designer Patio Door Screen System will ship complete to you with factory prepped installation holes at the header, hinge and latch sides.

**In order to achieve a proper installation, your installation steps should be as followed:**

1. Remove Existing Screen
2. Removing Existing Screen Guide
3. Installing New Screen Guide
4. Installing New ProVia Screen System

The following pages will guide you through these important steps!
1 REMOVING EXISTING SCREEN

Please Note: The ProVia Designer Patio Door Screen System can only be retrofitted onto existing units that use this screen system.

Step 1- Push the screen frame upwards into the top track until the rollers disengage from the roller wheel guide.

Step 2- Pull the screen frame towards you (making certain that the bottom of the screen frame has cleared the sill glide track at the threshold).

2 REMOVING EXISTING SCREEN TRACK

Step 1- Using a #2 Phillips Screwdriver bit, remove the top header track installation screws - there will be 5 evenly spaced.

Step 2- Using a #2 Phillips Screwdriver bit, remove the installation screws at jamb and latch side tracks - there will be 5 evenly spaced on each side.

3 TOP SCREEN HEADER TRACK PREPARATION

Important! If your unit is cladded on the exterior, you will need to do the following to prevent damage to the cladding BEFORE pre-drilling for countersunk holes:

1. Tape the area with masking tape

2. Mark your locations - as illustrated in Step 2 on page 3.

3. Drill a ¼" pilot hole first followed by a ⅜" diameter drill through as illustrated in Step 3 on page 3.
Please Note: In order to achieve a proper installation of the screen header track, you will need to pre-drill countersunk holes at the header of the brickmold area of your existing rough opening.

Step 1- Using the adjustment screws wing nut located on the outer portion of the outside track cover, place the top track assembly up into the header.

Step 2- You should be at least 1 1/8" inwards from the edge of the outside track cover. You will need to mark 3 locations.

Step 3- Using a 1/8" diameter drill bit, drill into the brickmold cladding, followed by a 5/8" diameter drill bit drilling completely through into exterior brickmold.

Note: The top track will have factory pre-drilled installation holes.

Step 1- Hold the top track assembly at the header and install (3) #8 x 3/4" Phillips Panhead self-drilling screws at the factory prepped installation holes provided.
**5 INSTALL ROLLER BRACKETS FOR SCREEN**

**Step 1-** Locate the roller brackets (one each for the left and right sides). Brackets will have hand designation molded into part as shown in illustration.

**Step 2-** Insert the LEFT hand roller bracket into the LEFT end of the inner track. Follow same procedure for the RIGHT hand roller bracket.

**6 RE-INSTALLING LATCH SIDE SCREEN STOP RAIL**

**Note:** The latch stop rail will have factory pre-drilled installation holes located 3 evenly spaced.

**Step 1-** Place the latch stop rail up against the brickmold cladding jamb.

Make sure the top of the latch stop rail (where there is an elongated notch) is properly installed flush underneath the top header track (see illustration)

**Step 2-** Install (1) Bumper with (1) #6 x ¾" Phillips Panhead Screw at the notch of the latch stop rail.

**Step 3-** Attach the latch stop rail using (4) #8 x ¾" Phillips Panhead self-drilling Screws.

**Step 4-** For the hinge side, install (2) Bumpers with (2) #6 x ¾" Phillips Panhead Screws evenly spaced.
Step 1- Position the top of the screen inwards and into top track assembly between roller brackets (see illustration).

Step 2- Lift screen and position bottom of screen over the sill glide track (see illustration).

Step 3- Move brackets to each side of screen. Insert the bottom tab portion of the roller bracket into the groove (see illustration).

Step 4- Attach the roller brackets (one at left and right side) at the top portion of the screen using a #2 Phillips Head Screwdriver and the #6-32 x 7/8" Phillips Flathead screws. Important! Do not use excessive torque on the bracket screws.

NOTE: If it is difficult to slide the screen, refer to Procedure 9, “Adjustment of Screen” and raise inside track.
Step 1- Locate the roller brackets (one at left and right side) at the top portion of the screen and using a #2 Phillips Head Screwdriver remove the roller bracket.

Step 2- Pull bracket outward from screen rail.

Step 3- Push the screen up and lift out clearing the bottom of the screen from the sill glide track.

The roller bracket and wheel housing can remain inside the inside track for ease of re-installing the screen.
9 ADJUSTMENT & OPERATION OF SCREEN

Important! **DO NOT USE** a power drill to make adjustments - doing so will cause excessive torquing of the adjustment screws. Only use a #2 Phillips Head Screwdriver.

Adjustments to the screen can be made by inserting a #2 Phillips Head screwdriver into each adjustment screw. **Note:** There are 3 adjustment screws evenly spaced in the inside track. **DO NOT REMOVE** the adjustment screws.

Adjust the left and right sides of the screen until the sides are parallel to the jambs.

Each complete turn of the screw will raise or lower the track by $\frac{1}{32}"$

1. Turn adjustment screw clockwise to RAISE screen from threshold.

2. Turn adjustment screw counter-clockwise to LOWER screen onto threshold.
**SCREEN LATCH KEEPER**

**Step 1-** Move the screen towards the closed position, place keeper into jamb and align with latch hook as illustrated.

**Step 2-** Mark a reference point on jamb for location of keeper.

**Step 3-** Open screen, set keeper (with screw holes at the top) into center of jamb pocket and holding keeper in place, install the (2) #8 x ½" Phillips Flathead Screws using a phillips head screwdriver (screws will self-tap into jamb).

**Step 4-** Check for proper operation. The screen latch should hook underneath latch keeper with screws above the keeper (see illustration).

The screen latch will unlatch while pushing downward.

Adjust keeper up or down as necessary.