



W i n d o w D i v i s i o n

Replacing or adjusting Patio door wheels

Replacing or adjusting the wheels in a Patio Door panel is a Moderate operation that the home owner can perform within their home with a few simple tools

Approximate time to complete this operation : 30 Minutes

Level of difficulty to perform: MODERATE

Tools required: 1 ½" stiff putty knife, #2 or #3 Phillips screw driver
(or a ¼" flat blade screw driver)

Step 1

Identify the door panel that has the wheel set to be replaced or adjusted.
Using the putty knife, remove 2 white plastic caps covering the adjustment screws on the panel containing the wheels to be replaced or adjusted.



Step 3

Use a screw driver to remove the anti-lift block from the side of the patio door, near the top. As seen in the photos below.



Step 4

Using the putty knife, gently pry the 2 caps out using a slight twisting motion to remove them from the door panel.

Next, using either a #2 Philips head or a 1/4" flat blade screw driver retract the wheels into the sash using a counter clockwise rotation.

Fully retracting the wheels prepares the door panel for removal. The adjustment holes should now be visibly closer to the bottom of the frame of the door.



Step 5

With both wheel sets fully retracted, there is now room at the top of the door panel to lift the panel up and pull the bottom of the panel out for removal.



Step 6

With the door panel removed place it carefully on the longer edge to now expose the wheel set for replacement. Use the #2 Phillips screw driver and remove the defective wheel set (remove 2 screws). Install the new wheel set taking care to observe the orientation of the component to the adjustment hole



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NOTE: Ensure that the wheels are fully retracted (raised) into the wheel set body to allow the door panel to be re-installed into the door frame.

NOTE: It is very important to place the wheel set in the door as shown to retain the correct adjustment direction rotation.

Counter clockwise raised the wheels into the door panel.

Clockwise rotation lowers the wheels out of the door panel.

Step 7

With the new wheels set installed place the door panel into the slot from which it was removed by raising the door up into the track and placing the bottom portion into the lower track with the wheels sitting on the aluminum guide rail. The wheels are now ready to be adjusted for height to allow smooth operation and for the lock to enter into the keeper correctly.



Step 8

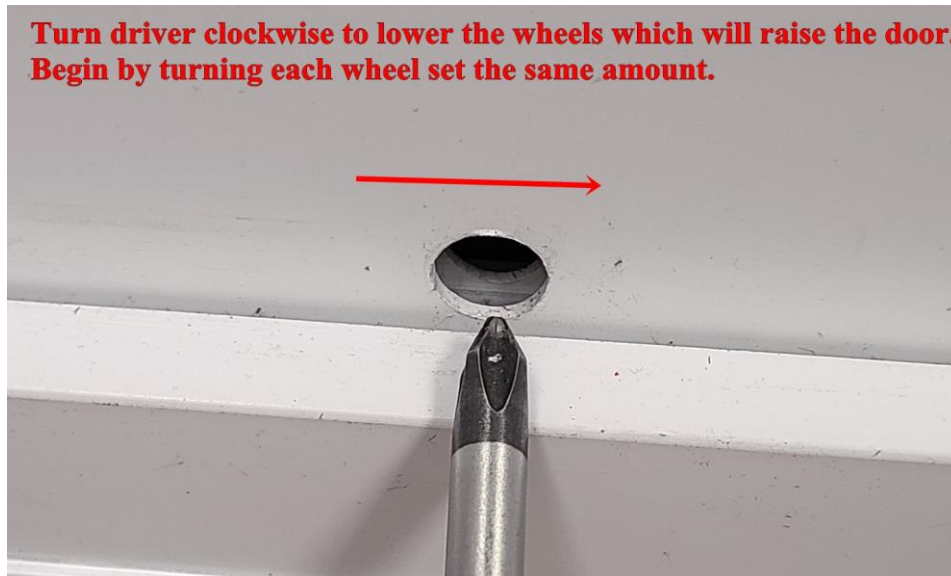
Using a #2 Phillips (or the ¼" wide flat blade screw driver it is time to adjust the wheels so that the door is level and the lock enters the frame keeper correctly and operates smoothly.

The wheel set is adjusted by turning the screw driver clockwise, note that the wheel adjustment has set increments, turn the screw driver through 4 incremental clicks at which point the door should be back to a factory start position.

Cycle the door open and closed a couple of times to ensure smooth travel then lock to ensure proper function of the lock into the frame keeper. It may be required that the wheels be adjusted 1 click up or down.

Note: Adjust both wheels by the same amount to ensure that the door panel is level and square to the frame.

**Turn driver clockwise to lower the wheels which will raise the door.
Begin by turning each wheel set the same amount.**



Step 9

With the wheels adjusted it is time to replace both adjustment hole caps.
Set the caps into the holes and using the handle of the screw driver push them until they are fully flush to the door panel.
Your wheels are now properly adjusted.

