



Pneumatic Door Cylinder Bracket Replacement

This guide will walk you through how to replace faulty door closing hydraulic cylinder brackets.

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INTRODUCTION

Do you have a door that just doesn't seem to want to close? Your screen or storm door constantly being left open because the little cylinder up there at the top just isn't working how it used to? Well if you follow this short guide you will be able to save yourself grey hairs and daily annoyances.

Some call it a "Door Closer" or "Pneumatic door closing cylinder"

There are several reasons why your door might not be closing, a bent cylinder, twisted or incorrectly placed brackets. We will be addressing the last two of these issues in this guide.



TOOLS:

- [Cordless Drill](#) (1)
- [Phillips # 2 drill bit](#) (1)
- [Drill bit extender \(Optional\)](#) (1)



PARTS:

- [Pneumatic door closer](#) (1)

Touch 'n Hold Door closer kit

These can be purchased at any home improvement store

Step 1 — Bracket



- Remove the old piston from its current position.
- Pull out two pins—one on both sides of the piston.

Step 2



- Unpack your new brackets and piston.
- Be sure to lay out all the parts to ensure that you have an accurate inventory of all parts.

Step 3



- Use the cordless drill to remove the old bracket attached to the door trim.

i Improperly placed brackets can cause the piston to malfunction.

Step 4



- Remove the bracket that is attached to the storm door.

i There are only 1-2 screws holding this one in, being that it is a metal door. These screws are shorter and have a tighter thread pattern.

Step 5



- Lay out the placement of the new brackets.
- ✦ The template for new brackets can be found in the instruction manuals given with the new hardware. Be sure to pay attention to the type of door it is being installed on.

Step 6



- Once marked, use a cordless drill with a Philips #2 bit to drive the four 1 1/2" screws into the bracket into the trim.
- ⓘ Ensure that the bracket is roughly square to the naked eye.

Step 7



- Use the cordless drill to attach the smaller bracket to the storm door.
- ⓘ Ensure screws are tight but not overtighten to the point the screw head is ruined by the over-torque (otherwise known as being "stripped").

Step 8



- Using the two pins that were previously removed, secure the piston to the brackets.
- ⓘ The metal arm side is attached to the door trim side.
- ⓘ The piston side is attached to the door-mounted bracket.

Step 9



- Depress the plunger.
 - Open the door as wide as the piston will allow you to.
- i** If the steps were followed correctly, the door will shut on its own via the piston!

You have now fixed your door and saved your future self countless frustrations and gray hairs!