

Why “Pre-Load” your Storm Door Closer?

The installation instructions included with every Wright Products storm door closer includes instructions for “pre-loading” the closer.

Pre-loading involves pulling the closer rod out and placing the hold open bracket behind the lugs located on the closer rod. (Portion of instruction shown at right) This “pre-loads” the closer and provides the “kick” in the last few inches of stroke as the closer operates.

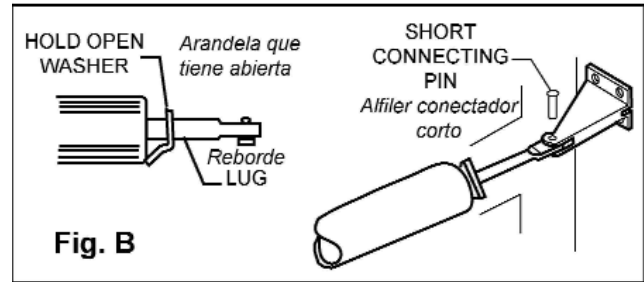
Without “pre-loading”, this “kick” does not occur and the door may not latch.

Another benefit of “pre-loading” is that the pins attaching the closer to the jamb bracket and door bracket cannot be easily removed and swallowed by small children. In installations using two closers, both should be pre-loaded to ensure smooth operation. As with any closer installation, it is essential that the door swings freely.

From our standard installation instructions

Step 2 - Slide hold-open washer on rod. Using short connecting pin, connect closer to jamb bracket. Hold-open washer should be positioned over lugs against closer tube as shown. NOTE: This will give proper tension for installation.

(Do not change until installation is completed.)

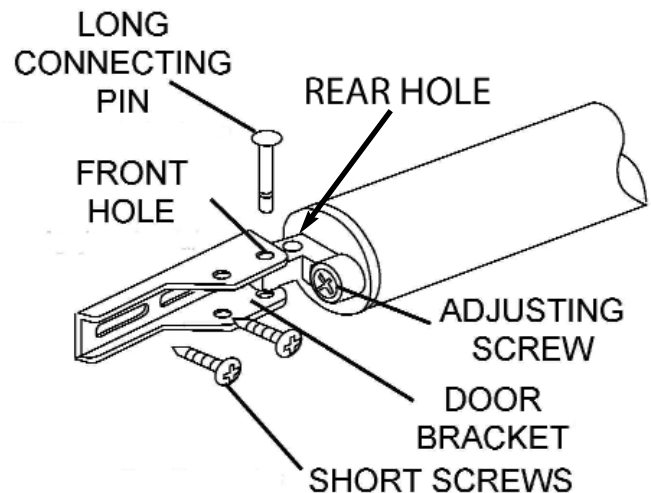


Adjusting your Wright Products Pneumatic Closer

Controlled Latching Power

Installed as directed, the closing speed of the door will accelerate in the last few inches of travel. If a smoother, quieter closing action is desired, hold the door open about 8” with hold-open washer, remove the long connecting pin from the door bracket and relocate in closer REAR hole, if present.

This REAR hole position is normally used when the screen panel (summer) is in place. The FRONT hole position is normally used when the glass panel (Winter) is in place.



Closing Speed

The closing speed may be adjusted by turning the adjustment screw on the end of the closer tube. (See illustration above)

To decrease the closing speed – turn the screw clockwise.

To increase the closing speed – turn the screw counter-clockwise.

Full 90 Degree Opening

When installed according to directions, the storm door will open to approximately 90 degrees. If your storm door does not open 90 degrees, check that the jamb bracket is installed the correct distance from the door, the jamb bracket is in the correct orientation and that the pre-load was set with the hold open bracket directly behind the lugs.

Important Closer Information

It is essential that the door swings freely prior to the installation of the closer. The closer is not designed to overcome obstacles such as dragging weatherstripping, uneven sills or warped jambs. It is recommended to check the door installation prior to adjusting the closer.

Occasionally, when the prime door is closed, the storm door will not latch. This occurs when the air between the prime door and the storm door cannot escape quickly enough. If this occurs, it may be helpful to adjust the weatherstripping on the bottom of the storm door up slightly to allow the trapped air to escape.

Your storm door closer is permanently lubricated at the factory. It is not necessary to lubricate the closer. The closer tube does not contain any serviceable parts, do not attempt to disassemble.

Closer Model Number

The model number of your closer is located near the Wright Products logo on the closer tube. The closer selection guide lists the model numbers available from Wright Products.