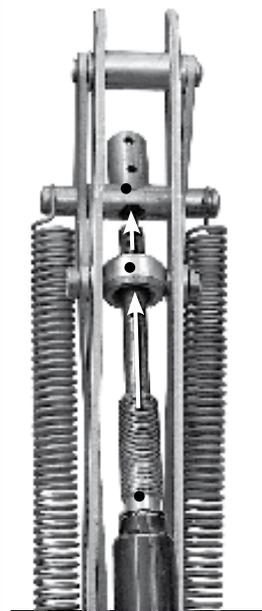
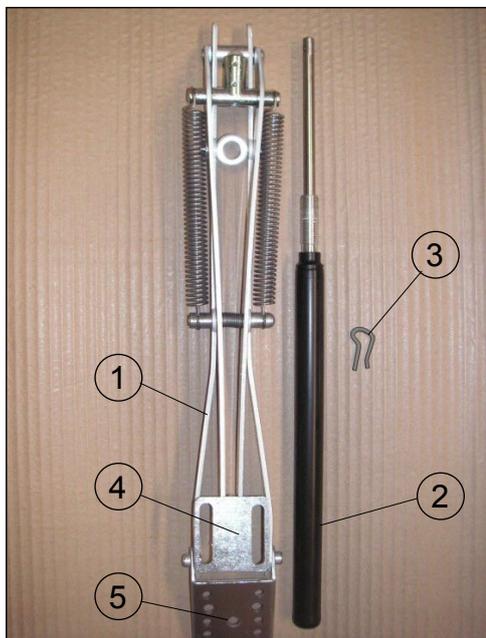
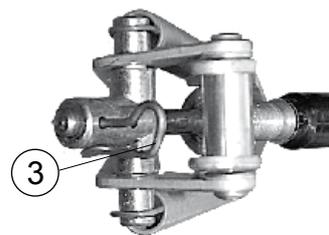


# Automatic Window Opener

1	opener frame
2	pressure cylinder
3	cotter pin
4	mounting plate window profile
5	mounting plate cross bar



## Auto Opener Installation

1. Check whether the greenhouse window can open and close freely and unhindered.
2. Install the window opener with the mounting plate (4) in the center of the lower roof window profile (pos 4.2)
3. Secure the cylinder by lining up the hole in the piston with the upper hole in the T-coupling, then insert the cotter pin.
4. Install the mounting plate (5) in the center of the cross bar(pos 3.2) using the middle hole in the mounting plate(5)
5. Attach the opener frame (1) to the mounting plate (5). Open the roof window until the threads of the piston (2) engage the threads of the opener frame (1). Thread the piston (2) half way into the threads in the opener frame (1).

## Adjustment:

Let the opener acclimate to the greenhouse for 3-4 hours before you make adjustments.

For earlier engagement and a larger opening, turn the cylinder clockwise.

For a delayed engagement and a smaller opening turn the cylinder counter clockwise. Make sure you don't back it out too far.

For opening engagement advance/delay one full turn is about 1 degree Fahrenheit.

Please keep in mind that greenhouse temperatures can vary and windows can have different opening tolerances.

## Winter-storage:

If the greenhouse interior does not stay above freezing we recommend you remove the cylinder from the window opener or remove the entire opener. Please store it in a dry frost-free place for the winter.

## Required Maintenance:

Around springtime every year, check to make sure the piston shaft and cylinder threads are greased. Also check the piston shaft for ease of movement. A dab of marine grease on the piston shaft and the cylinder threads will be sufficient. Failure to do so could render your opener inoperable.