

Balancer Winding for Whiting Doors with 2 Spring Operator

The most important balancer information to keep in mind is that a premium balancer is **wound with the door open, and requires about 4-1/2 turns**. This greatly increases safety and reduces installation time.

All doors have already have cables attached to them. [There are two basic methods to wind:](#)

- a.) Each spring individually
- b.) Both springs at once

In either case, the cables are to be wound onto the cable drum first, without skipping grooves or crossing over cables.

For Winding Each Spring Individually. These instructions are for a standard header, NOT the shallow header. For shallow header installation see below.

Install center balancer clamp and tighten nuts. Loosen the two set screws on winding cone and rotate spring assembly until cable is tight. Place a 3/8" diameter round bar in winding and **pull down**. Continue to turn cone using two bars until 4-1/2 turns are on spring. Move cable drum so that it is about 1/4" away from end bracket and tighten both set screws. Repeat with opposite side.

For Winding Both Spring at same time. These instructions are for a standard header, NOT the shallow header. For shallow header installation see below.

Do not loosen set screws and do not clamp the shaft in the center, until later. Wind both cables onto both drums. Rotate the entire balancer, shaft and all, until cables are tight. Use two 13/16" open end wrenches on the center section of the shaft or two 3/8" bars in the winding cones. Turn the shaft by **pulling down** until 4-1/2 turns are wound onto the spring. While holding this light tension, place the center clamp on square portion of shaft and secure with two (2) nuts.

For Shallow Header Installation.

Follow the above procedures, except the spring is wound by **pushing up**.

To finish procedure:

Carefully remove the clamps from the track and test the door for proper tension. With the door nearly closed, release it and allow the door to open. A properly adjusted balancer will cause the door to slowly open, neither flying open, nor dropping shut. If further adjusting is necessary, follow the above procedures. Remember, a new spring will lose a small amount of tension once it is used for awhile.