

It's a balancing act.

ALL balancing issues can be solved with our Spring Engineering app and knowing the weight, cable drums, cable length and height of the door.

Always test the balance of a door manually and never while connected to an opener. The door should feel the same throughout the travel. If it feels different, you may have one of the issues listed below.

Download our app for Apple or Android, at servicespring.com/resources



STANDARD LIFT DOORS

A common lift for residential projects. There is typically 12 inches of headroom when using torsion springs, and 8.5" with extension springs.

1

Door is:

- Light (hot) off the floor
- Heavy at the top of opening (Falls down when fully open)



POTENTIAL SOLUTION:

Spring(s) may be short causing the spring to be too strong. The door floats off the floor and there is not enough turns on the spring to keep the door open. Spring(s) will need to be replaced.

2

Door is:

- Light (hot) off the floor
- Light (hot) when fully open (Hard to close)



POTENTIAL SOLUTION:

There may be too many turns on the spring(s). Check that the spring(s) have the correct amount of turns. If accurate, then the springs are incorrect for the door.

3

Door is:

- Heavy to open off the floor
- Heavy in the opening (Drifts back down)



POTENTIAL SOLUTION:

- Not enough turns on spring(s)
- If turns are correct, and cable length is accurate, then the spring(s) are the wrong size and need to be replaced.

4

Door is:

- Heavy to open off the floor
- Light in the open position (Hard to close)



POTENTIAL SOLUTION:

- Check the amount of turns on the spring(s)
- If too many, spring(s) could be too long. Shorten spring(s) to proper length and correct the number of turns.



HI-LIFT DOORS

A modified garage door operating from a higher position allowing for greater clearance. Perfect for taller vehicles and with car lifts, or whenever additional space is needed.

1

Door is:

- Light (hot) off the floor
- Heavy at the top of opening (Falls down when fully open)



POTENTIAL SOLUTION:

Check the cable length. Cables should move to flat part of the drum when the top section transfers to the horizontal track.

2

Door is:

- Light (hot) off the floor
- Light (hot) when fully open (Hard to close).



POTENTIAL SOLUTION:

Check that the spring(s) have the correct amount of turns. If accurate, then the springs are incorrect for the door.

3

Door is:

- Heavy to open off the floor
- Heavy in the opening (Drifts back down)



POTENTIAL SOLUTION:

- Not enough turns on the springs
- If correct, and the cable length is accurate, then the spring(s) are the wrong size and need to be replaced.

4

Door is:

- Heavy to open off the floor
- Light in the open position (Hard to close)



POTENTIAL SOLUTION:

Check that the cable isn't too short. Cables should lay on the flat part of the drum when door section starts to transfer to the horizontal track.