



Electro-Mechanical Leveling System Application Guide

This application guide is designed to help determine the size and style of leveling legs needed to fit your particular coach.

AVAILABLE LEGS

FOLDING SYSTEM

7"
9"
11"
13"

VERTICAL SYSTEM

13"
15"
17"
19"

AVAILABLE MOTORS

6k
9k
12k

Determine the Type of System

Take two measurements, one near the front axle, one near the rear.

- A. Measure the distance from the bottom of the floor to the ground. _____
- B. Measure the distance from the bottom of the frame to the ground. _____
- C. If "A" is less than 25" - use a folding system.
- D. If "A" is 25" or greater - use either a folding or vertical system
- E. If using a vertical system, a 8" x 8" area to the top is necessary to allow room for the head/gear housing.

Determine the Length of the Legs

Folding System:

Use measurement "B" and subtract 6" to get leg length.

i.e. $B = 17" - 6" = 11"$ leg (Folding legs made in 2" increments starting with a 7" leg length - 7", 9", 11", 13"). Always round down for correct fit. Example 12" leg measurement = use 11" leg.

Vertical System:

Use measurement "A" and subtract 12" to get leg length.

i.e. $A = 31" - 12" = 19"$ vertical legs. (Vertical legs made in 2" increments starting with a 13" leg length - 13", 15", 17", 19").

NOTE: It is possible to use different length of legs, with either Folding or Vertical Systems, in pairs for the same application. (i.e. Folding system = 7" front/11" rear or Vertical System = 13" front/17" rear.

Determine the Motor Size

- A. Take the GVW and divide by four. (i.e. 18,000 GVW would use 6k motors)
- B. Total lifting capacity should be greater then the GVW. If close use next higher motor size.
- C. Motors are available in 6k, 9k and 12k. (12,000 x 4 = 48,000 GVW rating)

If you are unable to configure a system to fit after reading the application guide, please call Bullseye Technologies, Inc. for additional assistance, (877) 753-0102.

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