

USING THE JUNIOR POWER CARPET STRETCHER

Reprinted from Crain® Instruction literature

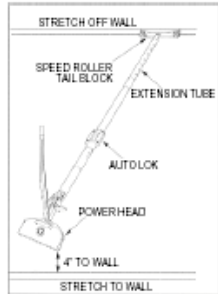


Figure 1

ASSEMBLY ON THE JOB



A. Place Power Head 4 inches from starting wall at the prescribed angle for the kind of carpet you are installing. (See figure 1.) See stretch pattern diagram below for general rules, but always follow the carpet manufacturer's recommendations.

B. head, and then add Extension Tube Sections until you reach the wall. The shorter Transfer Tube Section can be used in places where Extension Tubes are too long. It can also be used together with the three Extension Tubes when maximum length (22' 7") is needed. Be sure to maintain the proper angle as you extend the tubes.

C. Finally, attach the Speed Roller Tail Block and place it against the stretch-off wall. The wheels of the Speed Roller Tail Block bridge over most existing base shoes, protecting it from damage. (See figure 2.)

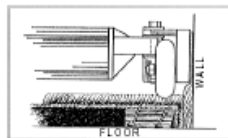


Figure 2

D. Turning the tail block over to its flat side helps it stay put for multiple stretches. (See figure 3.)

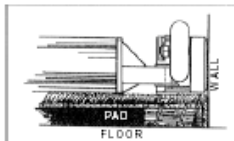


Figure 3

ABOUT THE POWER HEAD

- Turn the dial knob, which is located on top and at the center of the power head to adjust the pin depth gauge, so that the pins penetrate into, but not through, the carpet's backing.
- Press down on the power stretcher handle to stretch carpet to wall.
- You can lock the stretcher at any point by pushing the locking lever towards the head. The handle also locks at the bottom of its downward movement. To release the lock, simply press down on the handle. **DO NOT PULL UP ON THE HANDLE AS THIS WILL DAMAGE THE STRETCHER.**
- Dimples on head mate with knee kickers, when sideways stretching is required.

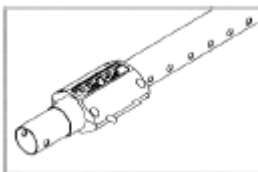


Figure 5

ABOUT THE AUTO-LOK TUBE

A. The Auto-Lok Tube allows you to make small adjustments to the overall length of the stretcher tube section quickly and easily. Simply push back on tubes to extend. Press in on the two buttons and pull back on the tubes to shorten. (See figure 5)

ABOUT THE TUBE SECTIONS

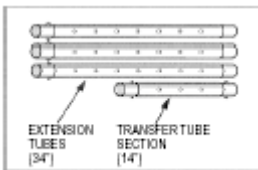


Figure 6

A. Button to button, each Extension Tube Section extends a total of 4' 8", and the Transfer Tube Section extends 15½", allowing the Junior Power Stretcher to extend a total of 22' 7" with the AutoLok Tube fully extended. (See figure 6)

B. Always keep the tubes in a straight track whenever you apply power. Your stretcher tubes are produced from hi-yield resistant steel, but they can be bent if they are allowed to bow under extreme pressure. Keeping the tubes in a straight track will prevent this type of damage from occurring.

ABOUT THE SPEED ROLLER TAIL BLOCK

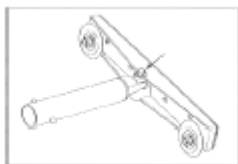


Figure 7

A. The Speed Roller Tail Block is equipped with wheels to let you glide the tail block down the wall faster and easier! (see figure 7.)

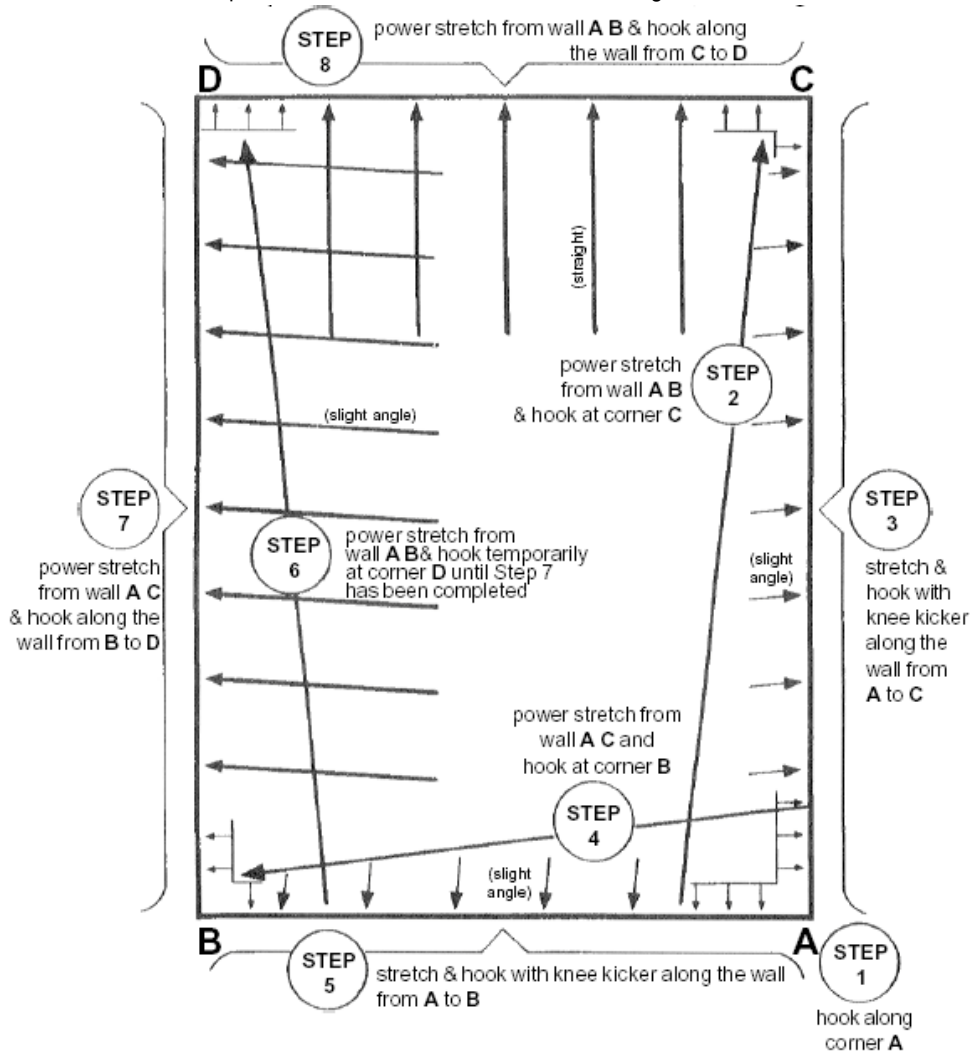
B. The hex bolt allows you to adjust the tension of the tail block's hinge. If tightened, the block will follow the angle of the wall as you move the stretcher down the wall.

C. The Speed Roller Tail Block bridges over most existing base shoes. (See figure 2.)

D. Turning the tail block over to its flat side helps it stay put, if necessary. (See figure 3.)

STRETCHING CARPET

Follow the carpet manufacturer's recommendations for the method and amount of stretch to be used. When recommendations are not available, general guidelines are provided in the stretch pattern diagram (see below). Tufted carpet with jute secondary back should be stretched "drum tight". Tufted carpet with synthetic secondary back should be stretched 1 to 1½ percent in width and length. Some woven carpet, such as velvet, does not stretch in length, while other woven carpet, such as Axminster, has no stretch in width. Where there is no stretch, the carpet should be power stretched "snug" in these directions. The Carpet and Rug Institute Standards Booklets #104 and #105 state that "the use of power stretchers is mandatory" on all stretch-in jobs using tackless strip. Amount of stretch as per the carpet manufacturer's recommendation. In absence of carpet manufacturer's recommendation, use diagram below*



	STRETCH	Length	Width
Tufted	Jute Secondary Backing Synthetic Secondary Backing	"drum tight" 1% - 1½%	"drum tight" 1% - 1½%
Wilton		equal stretch in length and width (drum tight)	equal stretch in length and width (drum tight)
Velvet		snug	snug more stretch in width than length
Axminster	tight	snug	

* The Carpet and Rug Institute Standard Industry - Reference Guide for Installation of Residential Floor Covering Materials (CRI 104) and Standard Industry Reference Guide for Installation of Commercial Floor Covering Materials (CRI 105) (Carpet and Rug Institute: 1993).