

INSTALLATION INSTRUCTIONS FOR MODEL 220 TRAK-EZE®

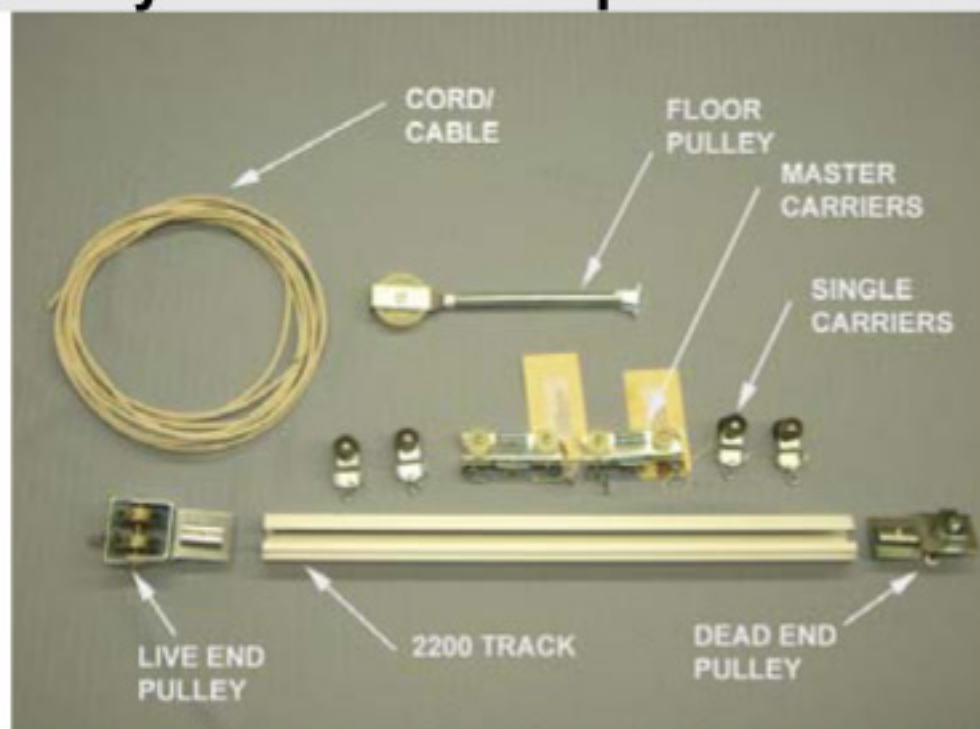
Distributed by



ROSE BRAND NY (800) 223 - 1624 CA (800) 360 - 5056 www.rosebrand.com

IMPORTANT NOTE: DO NOT PRE-ASSEMBLE THE TRACK. TRACK COMPONENTS NEED TO BE OUTSIDE OF THE TRACK IN ORDER TO STRING THE OPERATING CORD/CABLE

Step 1. Layout and check parts

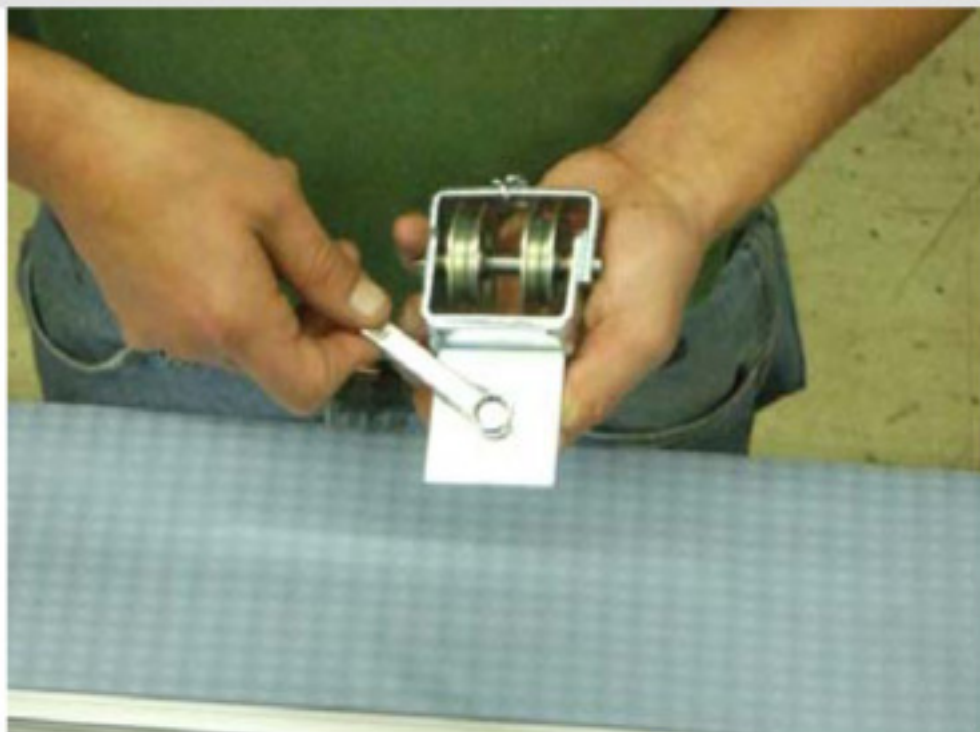


Open all boxes and bags received. Arrange parts as shown above. Split single carriers into 2 equal groups on each side of the master carriers. (Live and Dead End Pulleys can be installed on either side of the track). Verify that you have all of the components shown.

Note:

- If you have a one-way draw track, you will have only 1 master carrier.
- If you have motorized system, you will not have a floor pulley.

Step 2. Loosen hardware



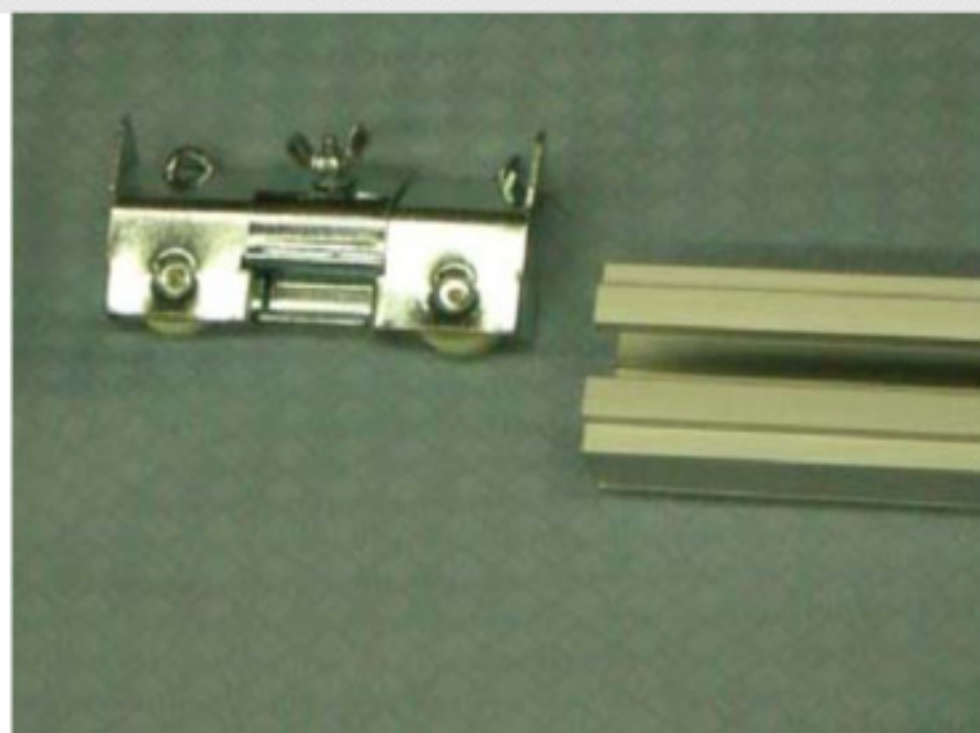
Loosen the mounting bolts on the Live End and Dead End pulleys.

Do not remove "C" clamp from the pulleys, just loosen them.



Loosen the thumb-screws on the Master Carriers to free up the cord connectors.

Step 3. Orient master carriers with tracks



Line-up master carriers with track ends. When master carriers are inserted into tracks (later step) they face back to back with each other. Master carriers run in one side of the track only.

Photo on left shows orientation of master on Dead End Side of track.

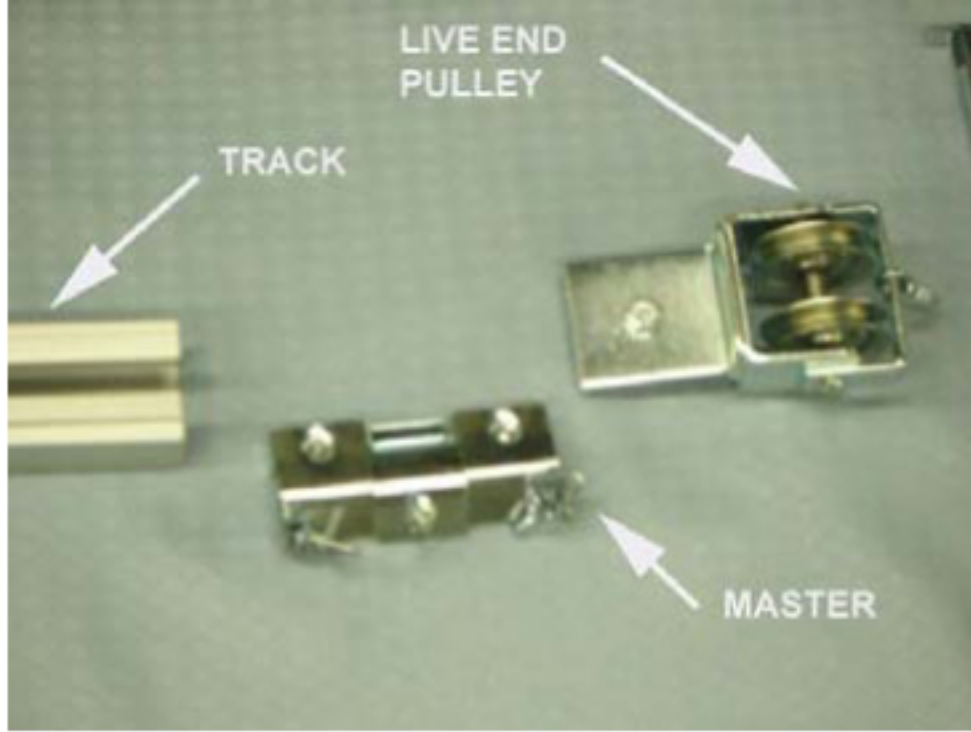
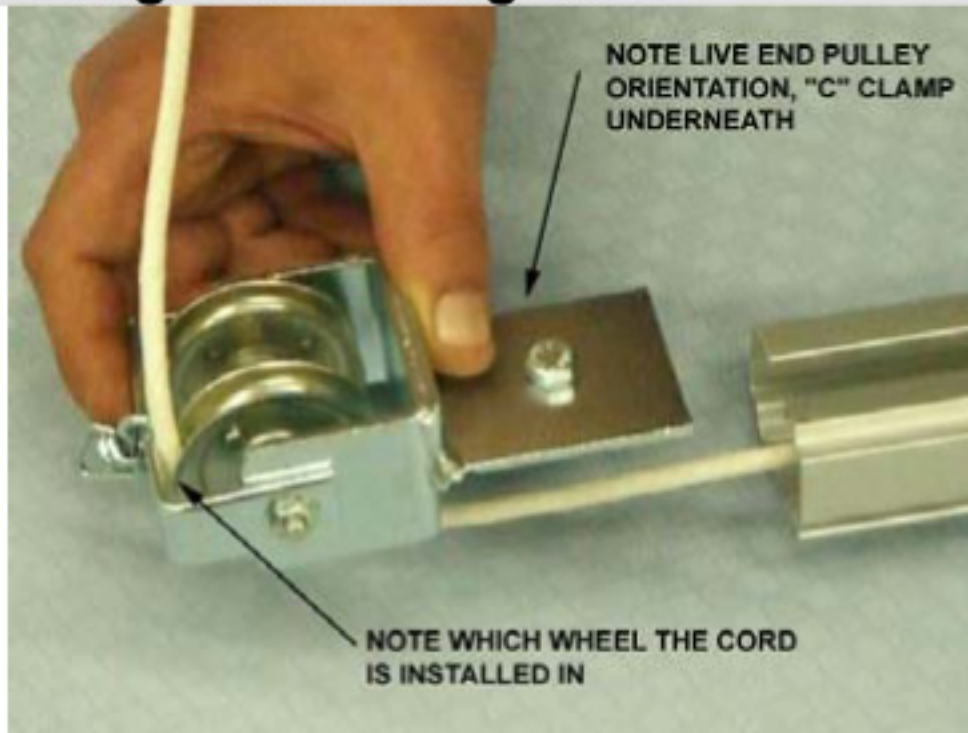


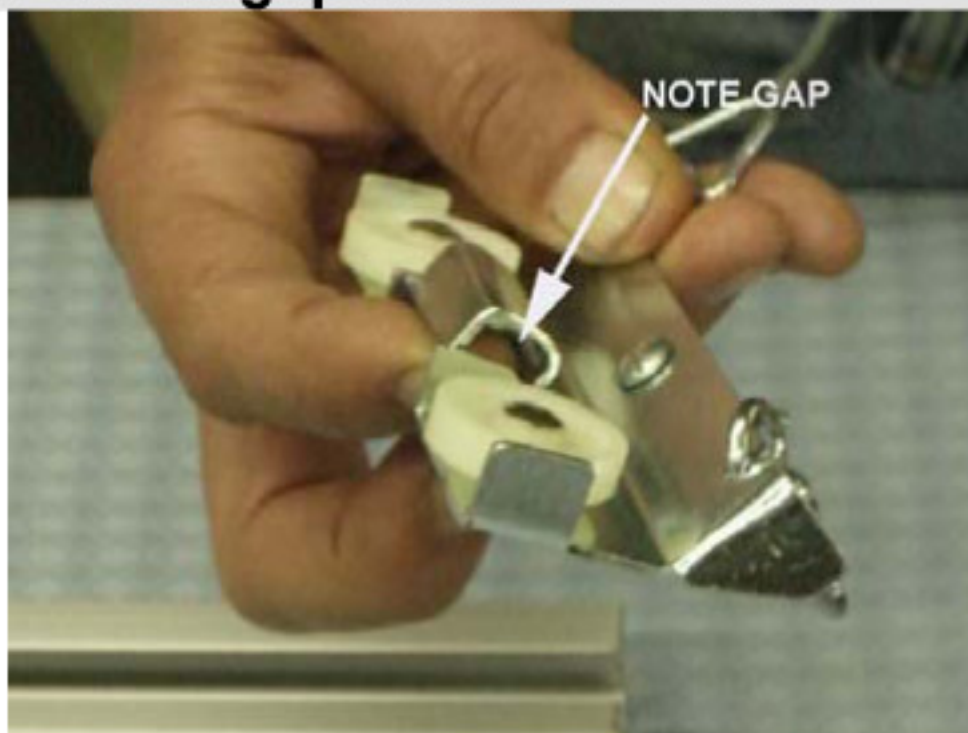
Photo on left shows orientation on Live End side of track system.

Step 4. Begin threading cord



Thread one end of the cord coil through the live end pulley as shown on the left.

Step 5 Check gap in Master Carriers

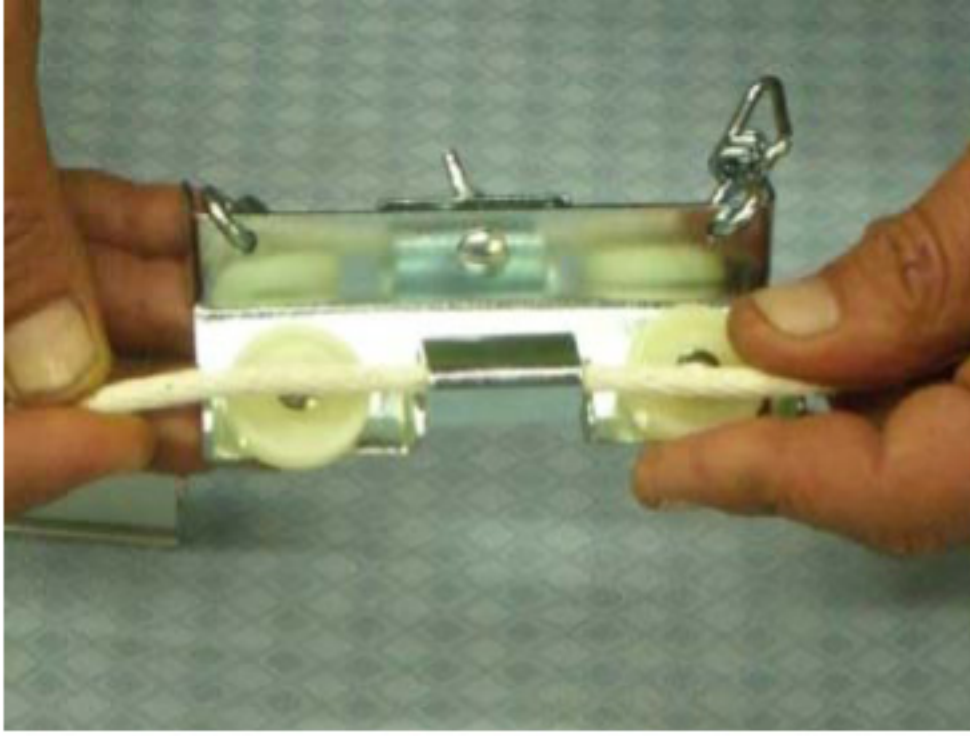


Check both master carriers cord connection devices and verify that the gap is sufficient to fit the operating cord/cable through. If it is not, loosen the thumb-screw more to increase the gap.

Step 6. Thread cord into Master Carrier 1



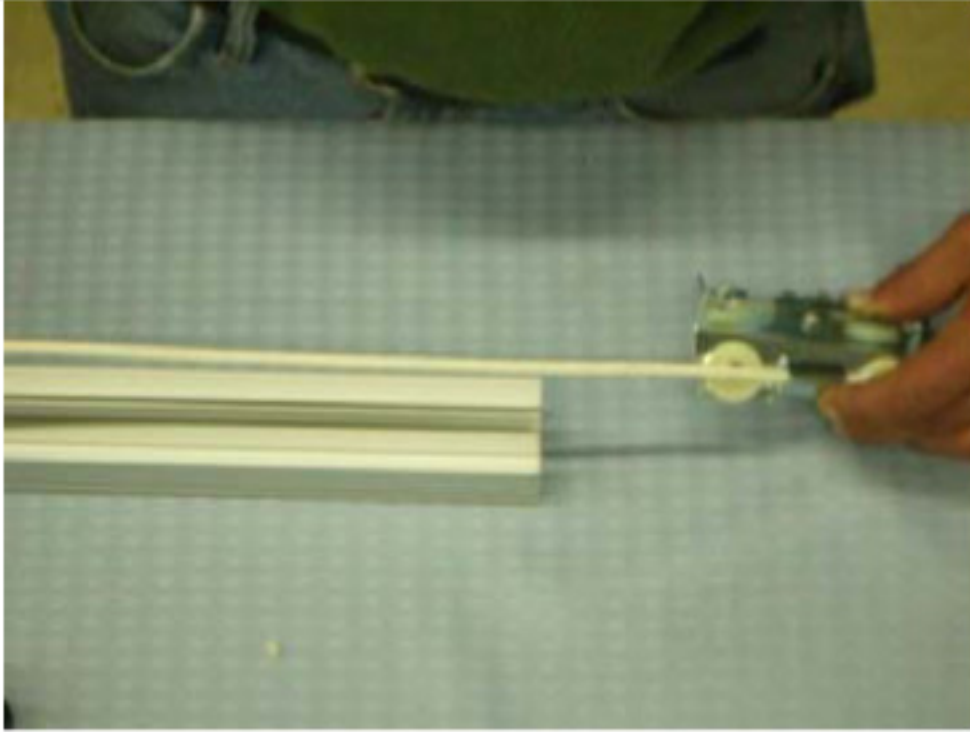
Thread the end of the cord which was just threaded through the Live End pulley in Step 4, into the Master Carrier **(this is Master Carrier 1)** located on the Live End half of the track. This is done outside of the track. Note how the cord passes OVER the one wheel of the master carrier end then into the cord connector of the master carrier. .



Pass the cord completely through the cord connector of the Master Carrier that will reside on the Live End half of the track.

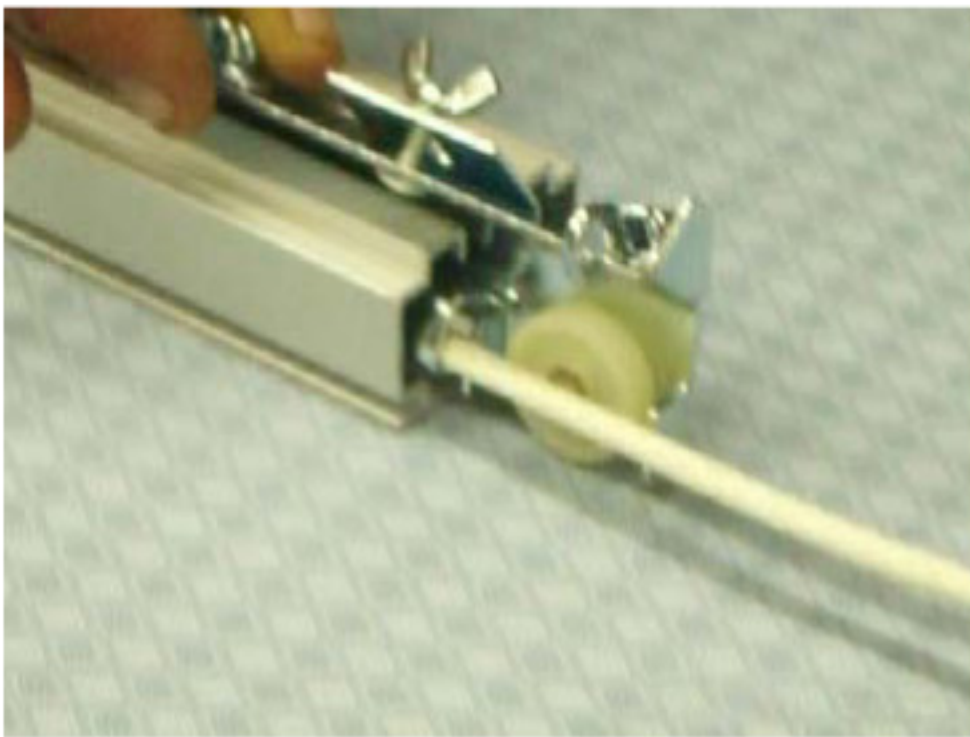
Note how cord passes over the Master Carrier wheels.

Step 7. Insert Master Carrier 1 into track



Pull roughly double the track length worth of operating cord through Master Carrier 1.

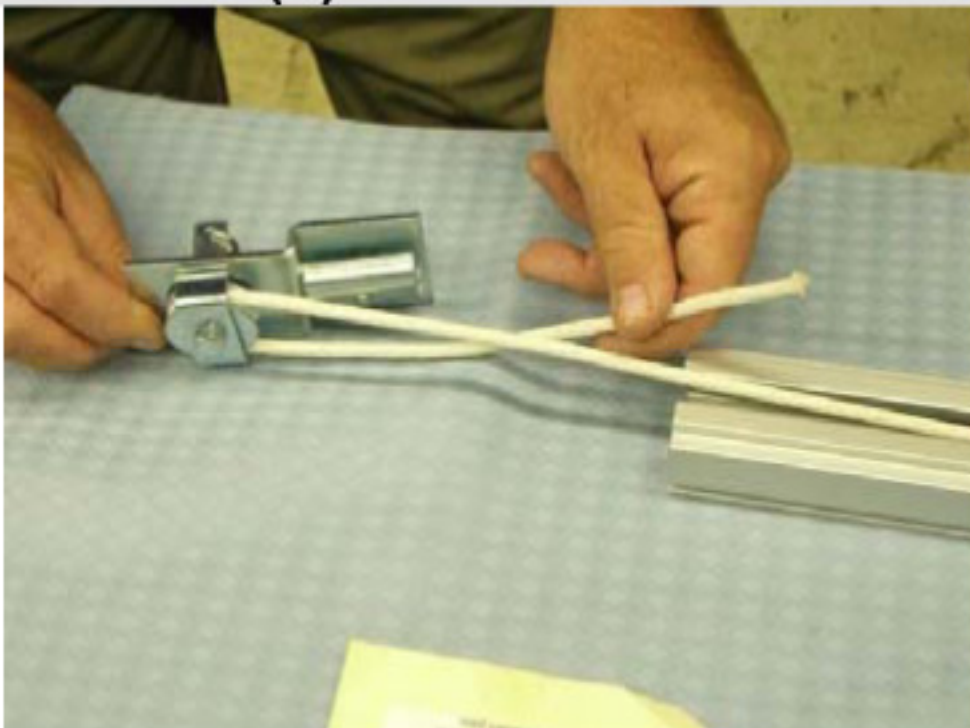
Lay the cord inside of the track by dropping it through the slot in the bottom of the track (now facing upward).



Insert Master Carrier 1 into the track as shown on the left.

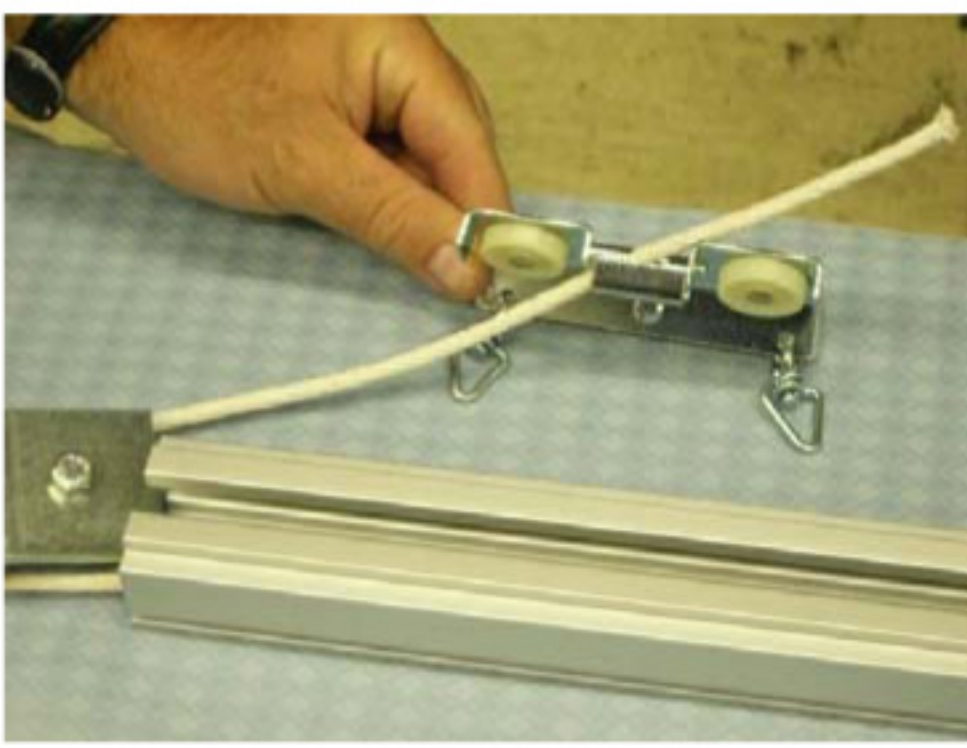
Note the orientation of the operating cord relative to the carrier's wheels.

Step 8. Cord Dead End Pulley and second Master Carrier (2).



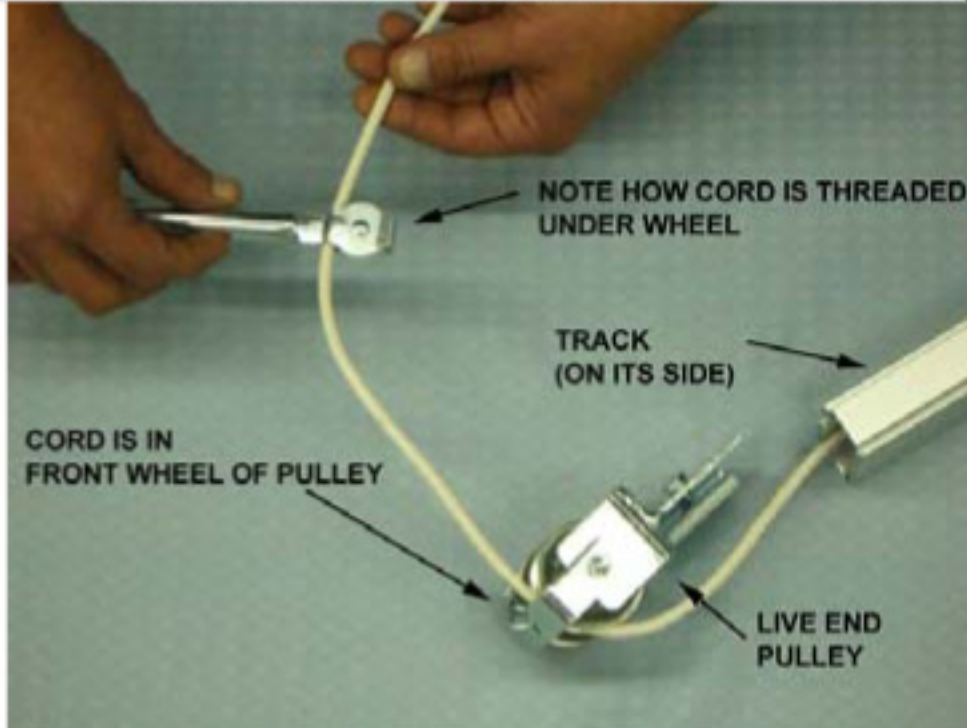
Thread cord that was laid into track in Step 7 around the wheel of the Dead End pulley.

Note the orientation of the Dead End pulley. If cable is installed with Dead End pulley upside down, the cords will cross when the pulley is installed in the track.



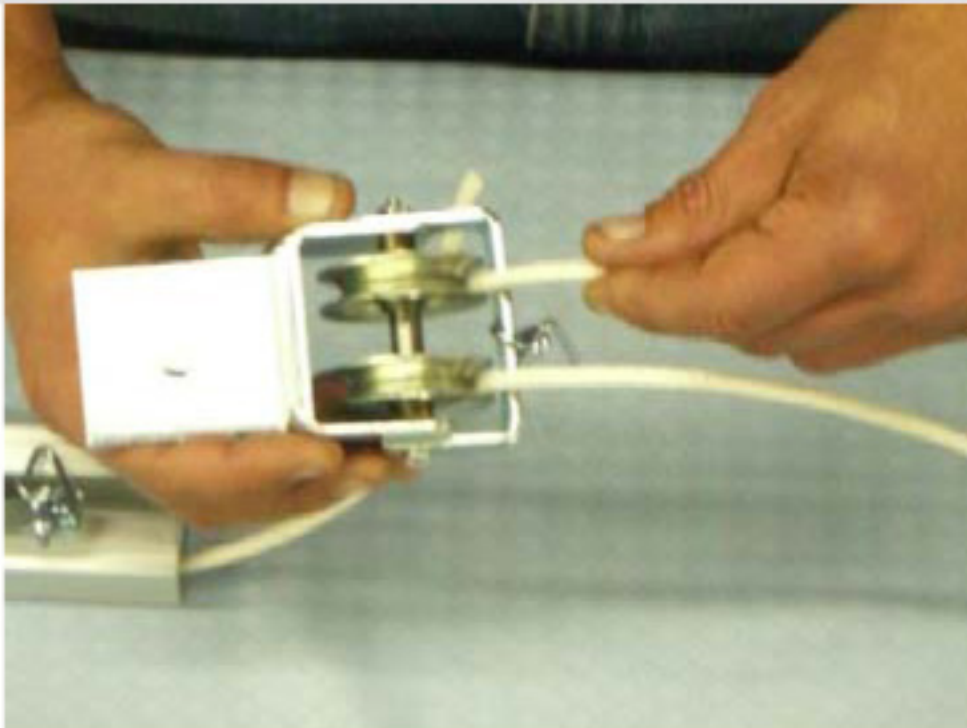
After threading the cable through the pulley, thread the free end of the cord through one side of the second Master Carrier (**Master Carrier 2**) as shown. The cut end of the cord remains as shown, the cord is NOT threaded completely through the master as was done for Master Carrier 1.

Step 9. Thread cord around Floor Pulley



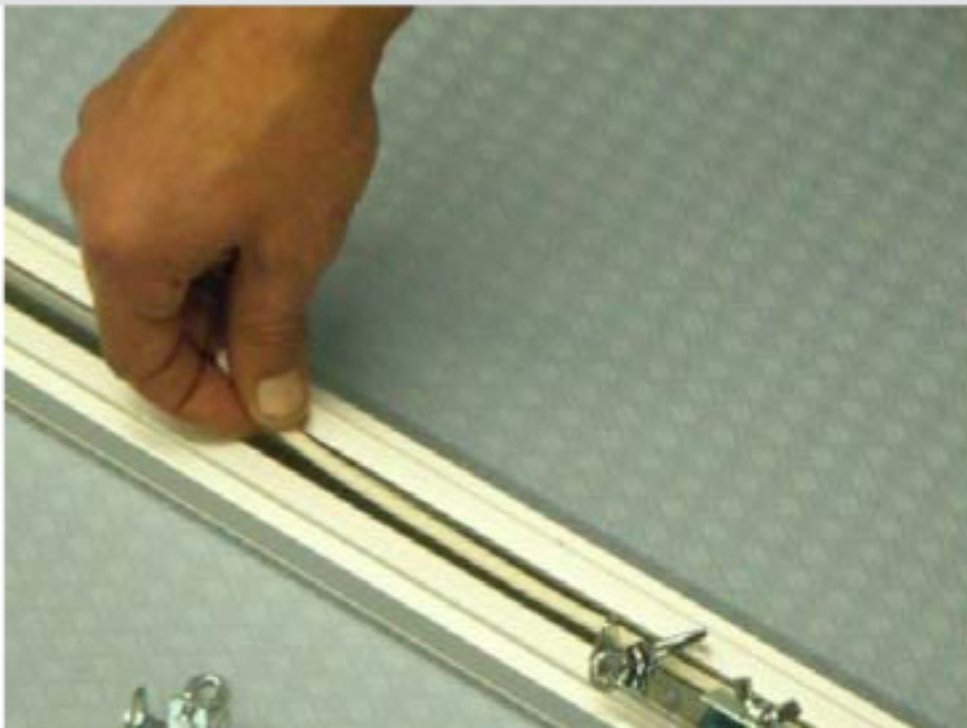
Take remaining end of cord reel (NOT THE ONE JUST RUN THROUGH THE TRACK AND MASTER CARRIERS) and thread it around the Floor Pulley as shown.

Step 10. Thread cord into Live End Pulley



After threading the cord around the Floor Pulley, take the same end of cord and thread it through the remaining wheel of the Live End Pulley as shown.

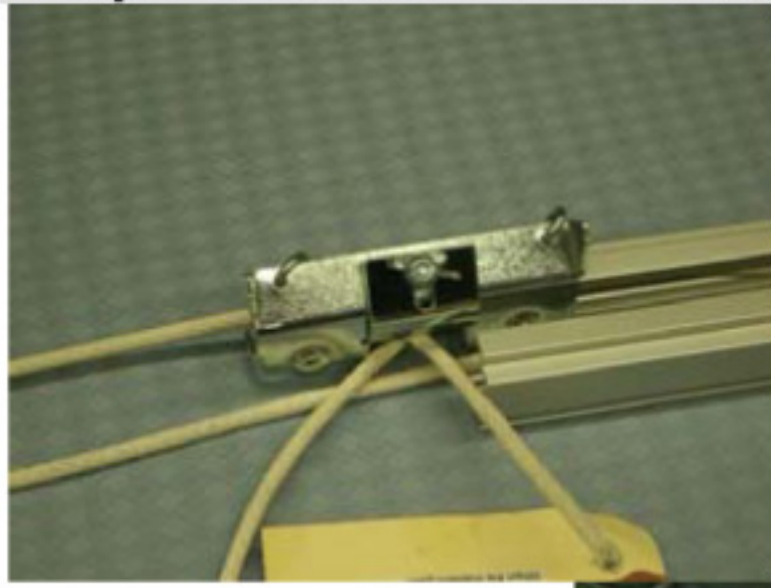
Step 11. Insert cord into track



Take the cord which was just threaded through the Live End Pulley, and lay it into the track channel as shown.

Note the Master Carrier shown in the photo is Master Carrier 1 which was previously installed in the track.

Step 12. Insert Master Carrier 2 in the track.

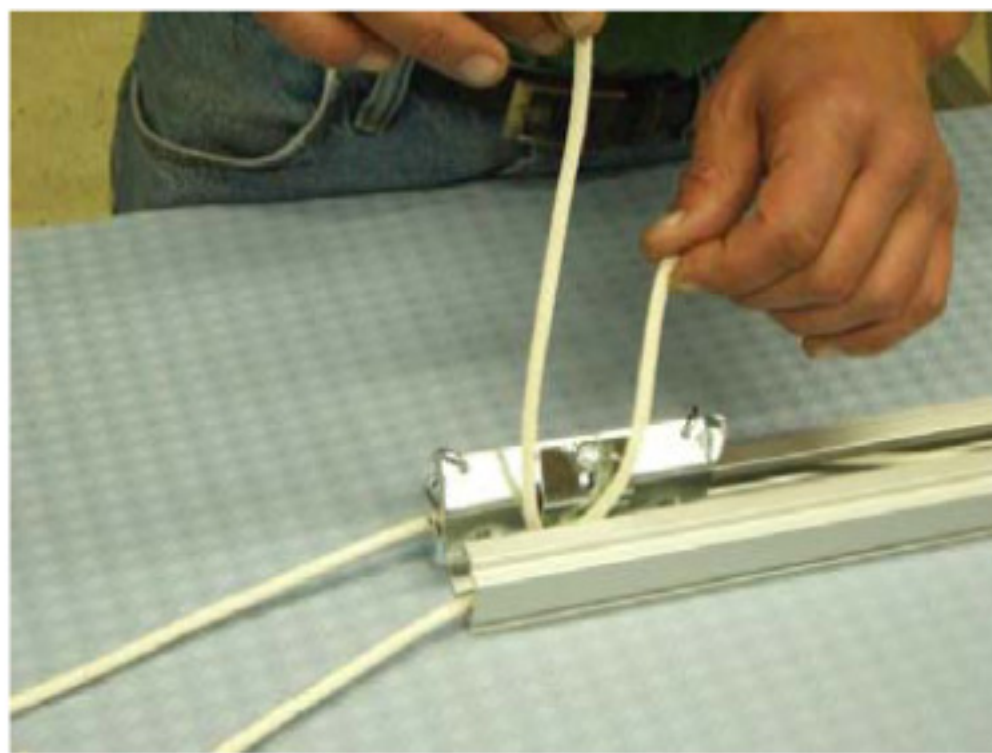
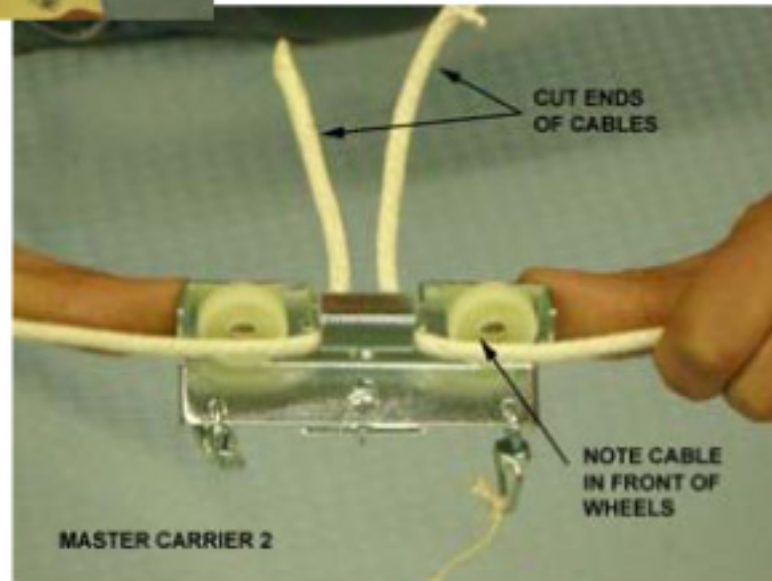


View of back of Master Carrier 2

Insert Master Carrier 2 into the track channel as shown.

Note cord on other side of the Master Carrier passes in front of the carrier's wheels as it did for Master Carrier 1.

View of front of Master Carrier 2



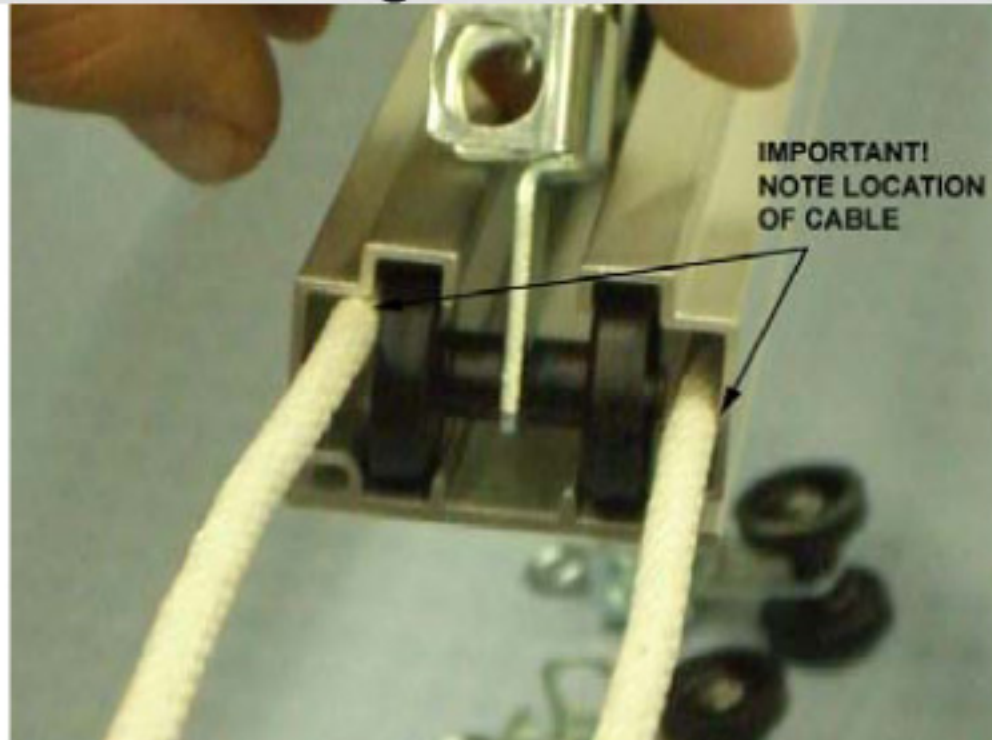
Hold free ends of cord up and in slot channel as the Master Carrier is inserted in the track

View of completed system thus far.



Floor pulley not shown in photo.

Step 13. Insert Single Carriers into track



Insert an even amount of single carriers into each end of the track.

Note the orientation of the cord relative to the carrier wheels.

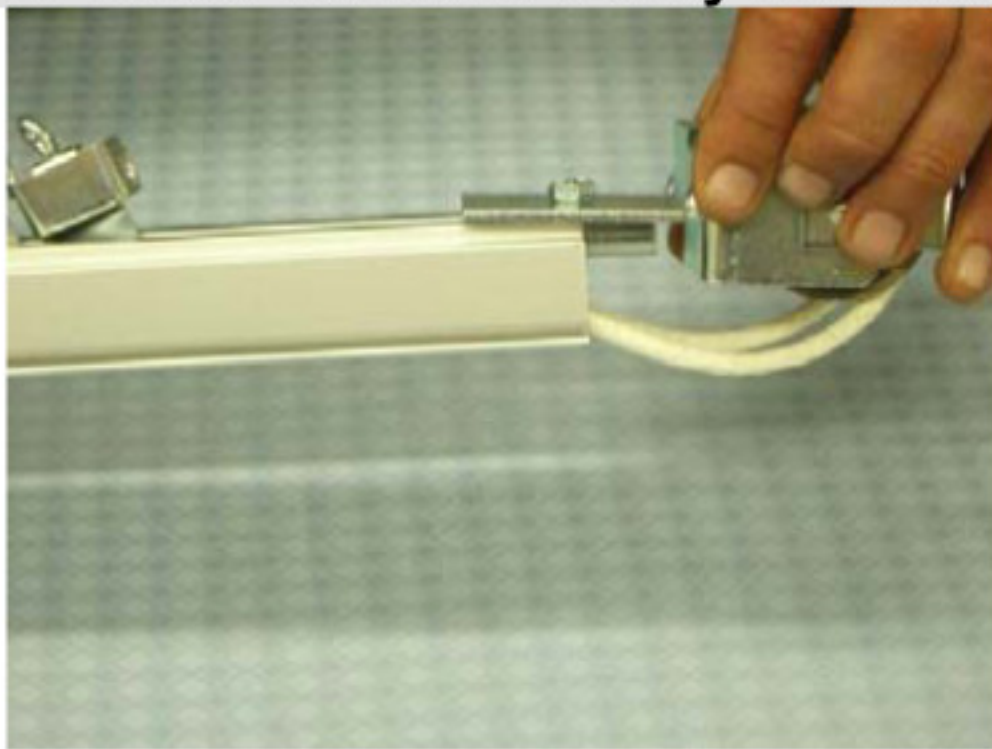
Make sure all of the carrier bodies are aligned in the same direction when inserting the single carriers.

The holes in the carrier bodies are NOT used with these systems.

Distributed by

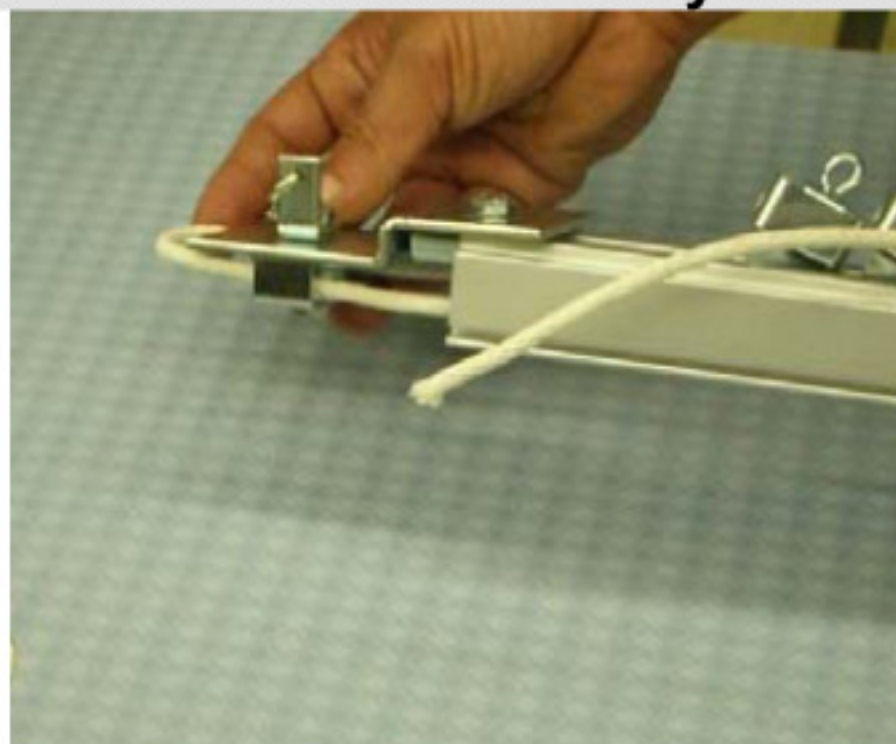
 **ROSE BRAND** NY (800) 223 - 1624 CA (800) 360 - 5056 www.rosebrand.com

Step 14. Insert Live End Pulley into track.



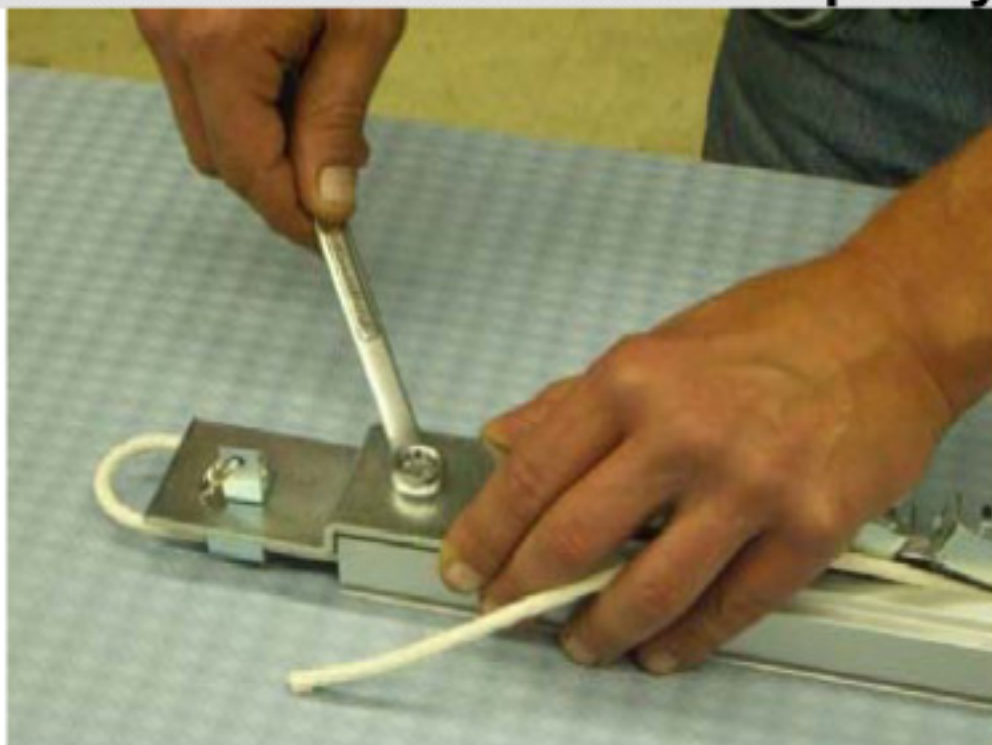
Insert the Live End Pulley into the track. Make certain the "C" channel is in the bottom grooves of the track and that neither side of the "C" channel is in the track's center slot opening.

Step 15. Insert Dead End Pulley into track.



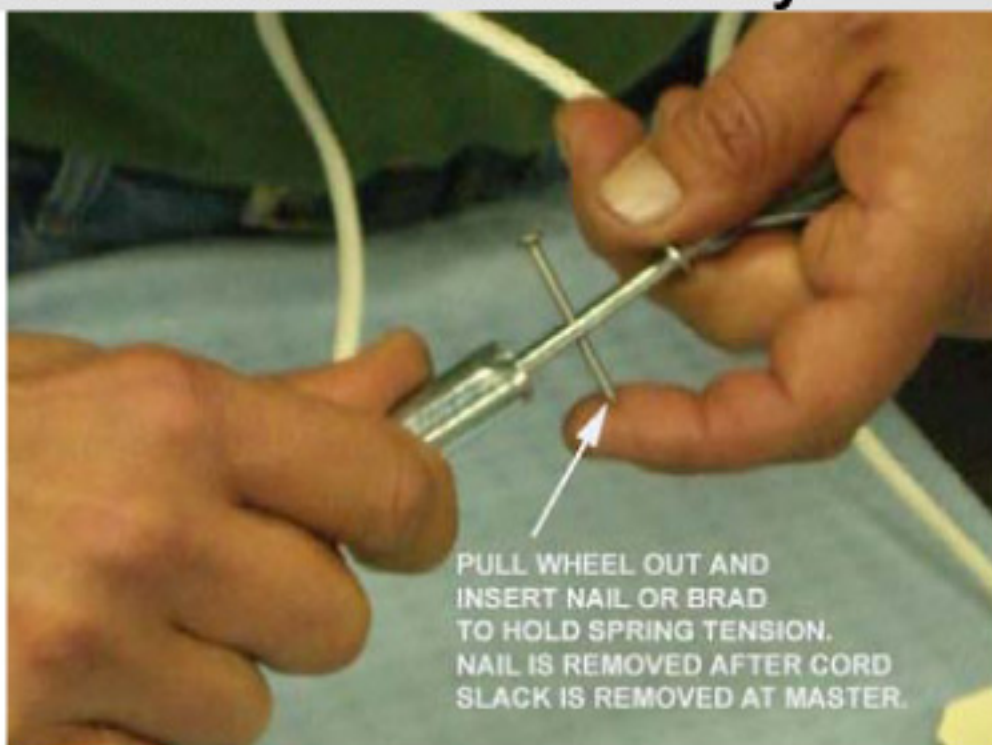
Insert the Dead End Pulley into the track. Make certain the "C" channel is in bottom grooves of the track and that neither side of the "C" channel is in the track's center slot opening.

Step 16. Secure Live & Dead End pulleys



Secure the Live End and Dead End pulleys to the track by tightening the bolts on the bottom of the assemblies.

Step 17. Pre-tension Floor Pulley



Pull the wheel of the Floor Pulley until the hole in armature is visible. Insert a nail, brad or wire into the hole and slowly release the wheel until the nail contacts the pulley body.

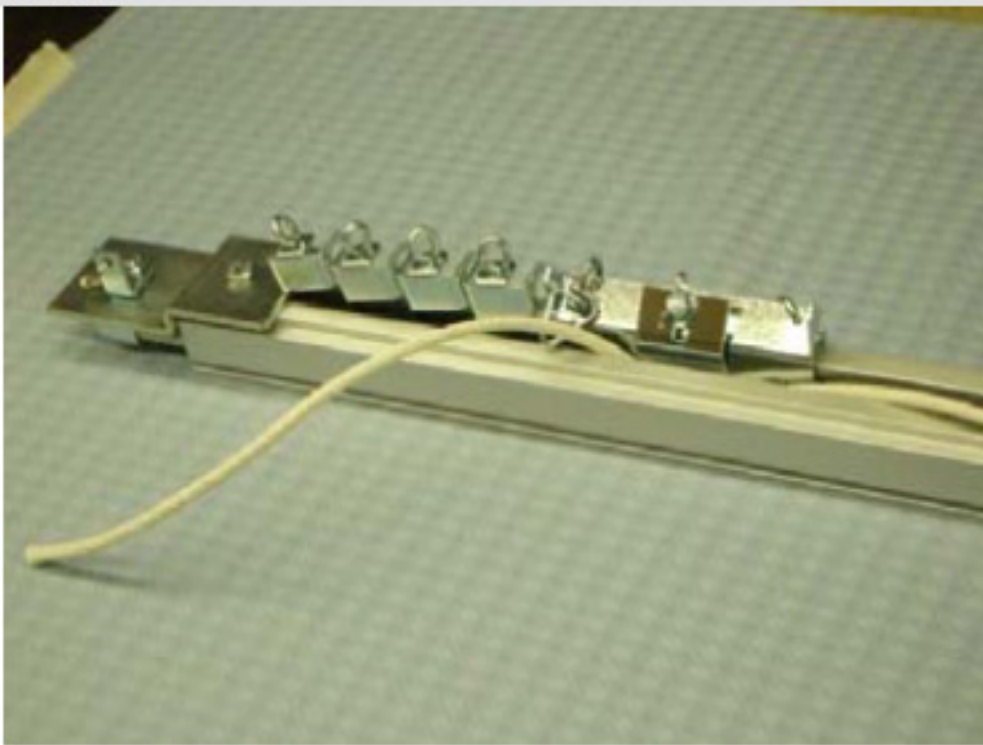
This nail is used to pre-load the pulley so that after slack is removed from the system, the nail can be removed applying additional tension to the operation cord.

View of rigged system with single carriers and Floor Pulley installed.



At this time the track and floor pulley need to be mounted to their final locations.

Step 18. Move Master Carriers to stack locations.



With the track and floor pulley securely mounted and while holding the cut ends of cable, slide the Master Carriers to their respective stack locations.

The masters can contact the stacked single carriers, but should not exert force on the stacked single carriers.

Step 19. Remove slack at Master Carrier.



Pull the 2 free ends of the cord at Master Carrier 2 and remove all of the slack from the system. Maintain tension on the cord..



Once all of the slack has been removed tighten the cord connector thumb-screw until the cord is secured to the carrier. See photo at left.

Distributed by

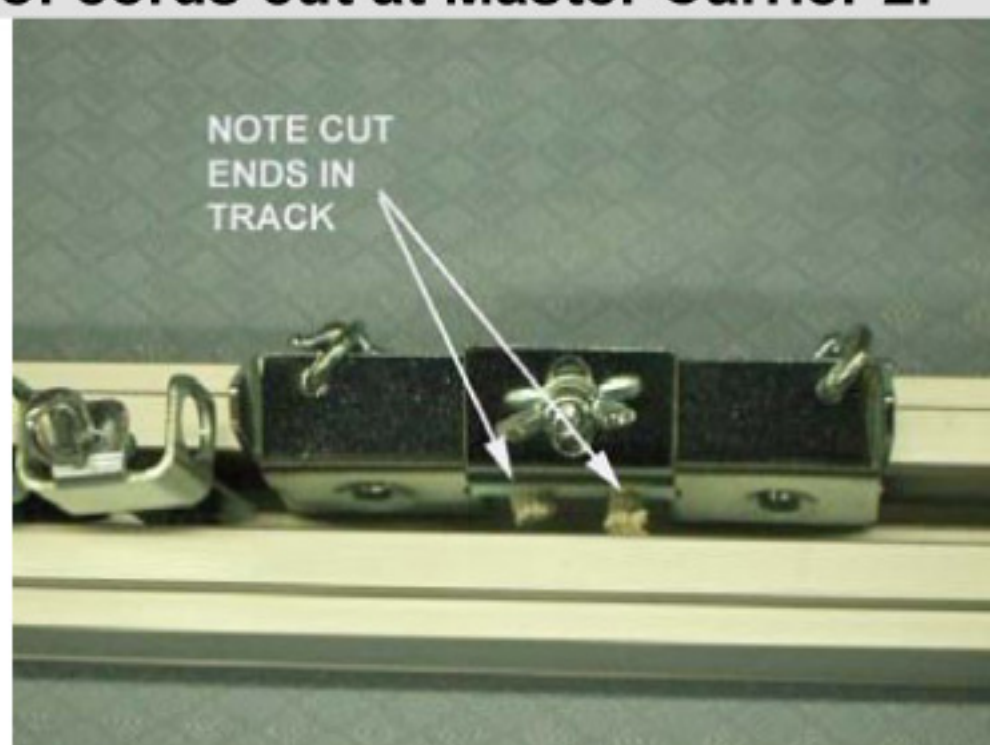
 **ROSE BRAND** NY (800) 223 - 1624 CA (800) 360 - 5056 www.rosebrand.com

Step 20. Cut excess cord at Master Carrier 2.



Cut off any excess cord with utility knife, side cutters or similar tools.

View of cords cut at Master Carrier 2.



The cords must be cut **short** at the Master Carrier so that they do not impede the operation of the system.

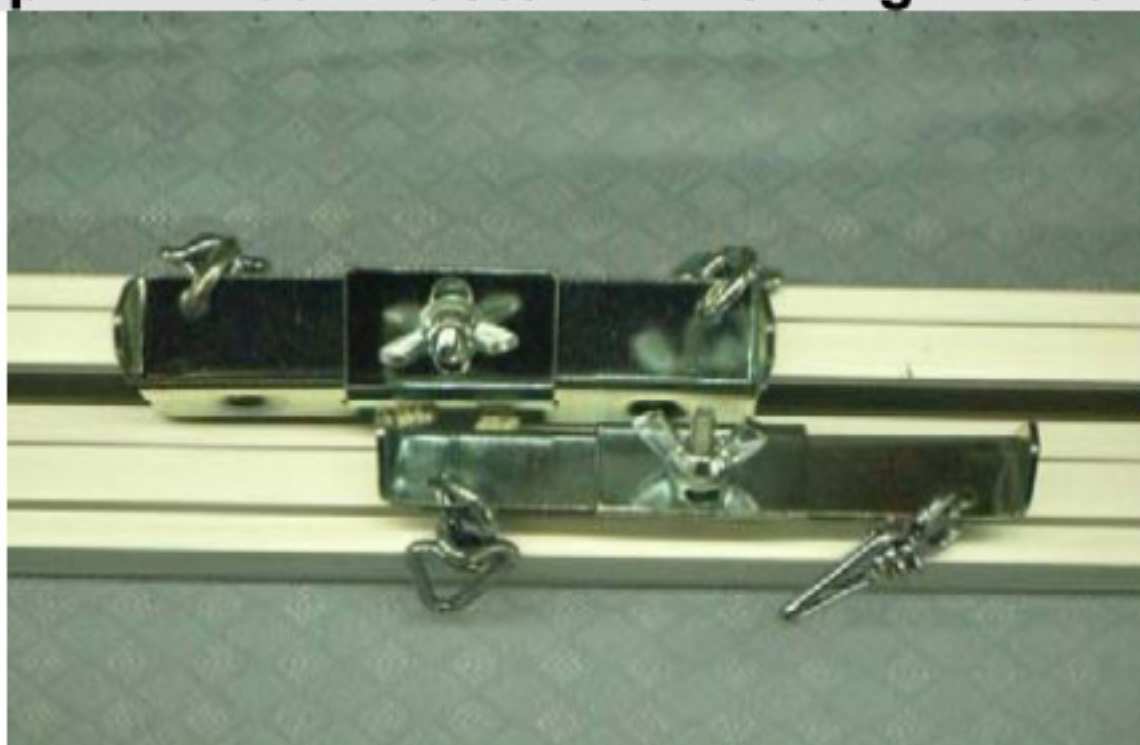
Step 21. Lock Master Carrier 1 to cord



With Master Carrier 2 now completely rigged and the operating cords cut, re-check the location of Master Carrier 1.

If it is properly located in its stack location, lock it to the operating cord by tightening the thumb-screw of the Master Carrier's cord connector.

Step 22. Check Master Carrier alignment



Operate the system using the system's cords until the 2 master carriers are ready to pass each other. Confirm that the 2 thumb-screws will pass without interfering with each other.

View of completely assembled system.



Step 23. Locate Center End Stop



Locate the Center End Stop device and its mounting screw.

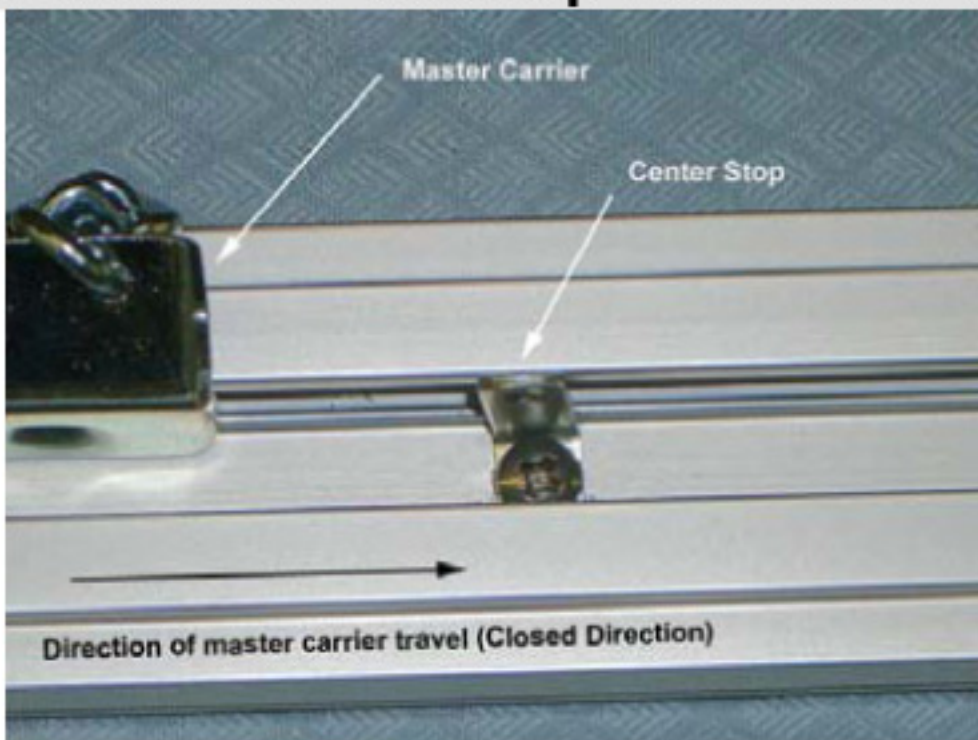
Step 24. Install center stop



The Center stop is furnished with a self-tapping machine screw. Run the track system to the fully closed position.

Install center stop device immediately in FRONT of one of the master carriers. This device prevents the masters from being operated beyond their intended location.

View of Center End Stop installed in track




This is a detailed view of an installed Center End Stop.

Note how that it is seated against the inside wall of the track.

The track system is now ready for service.

Distributed by

 **ROSE BRAND** NY (800) 223 - 1624 CA (800) 360 - 5056 www.rosebrand.com

Additional Information:

Parts List: Model 220

Item	Model Number
Track	2200
Master Carrier	2202
Tandem Carrier	2202-T
Single Carrier	1701
Live End Pulley	2203
Dead End Pulley	2204
Floor Pulley	2165
Center Stop	2209
Operating Cord	2160
Operating Cable	1151
Hanging Clamp	2208
Projection Bracket	2163

Parts List: Model 220N

Item	Model Number
Track	2200
Master Carrier	2202B
Tandem Carrier	2202-BT
Single Carrier	2201
Live End Pulley	2203
Dead End Pulley	2204
Floor Pulley	2165
Center Stop	2209
Operating Cord	2160
Operating Cable	1151
Hanging Clamp	2208
Projection Bracket	2163

- For machine operated track systems, see installation instructions that accompanied the machine. The track is rigged in the same manner with the machine taking the place of the floor pulley (wheel drive machines).
- One-way draw systems are rigging in the same manner except only on master carrier is used and all of the single carriers are installed on one side of the track between the master carrier and the Live End Pulley.
- Track can be mounted directly to an overhead structure by drilling along the centerline of the track through the bottom groove and using wood screw, machine screws, or nuts and bolt to secure the track to the overhead structure.
- If the track is suspended, bridles must be installed to prevent the track from swaying during operation.

Distributed by

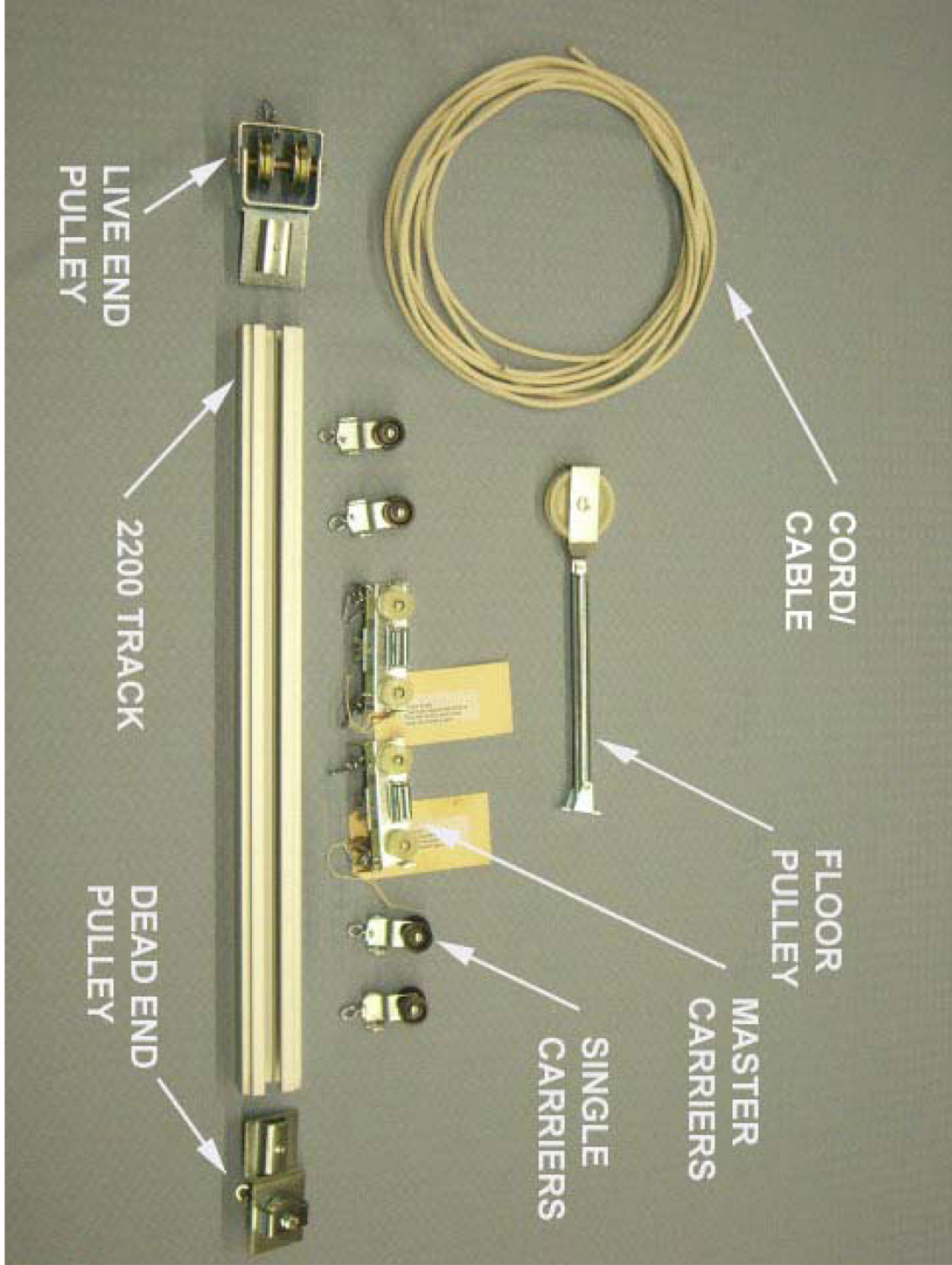


ROSE BRAND

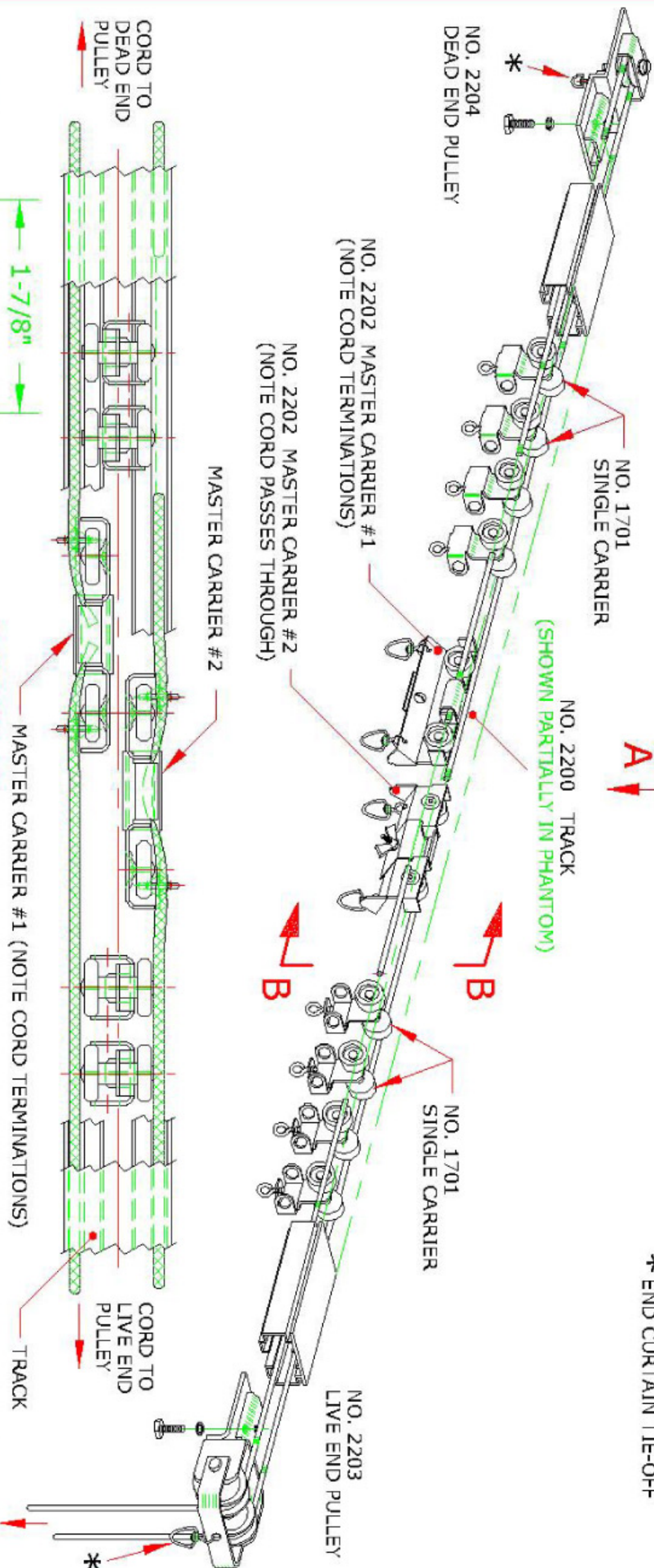
NY (800) 223 - 1624

CA (800) 360 – 5056

www.rosebrand.com

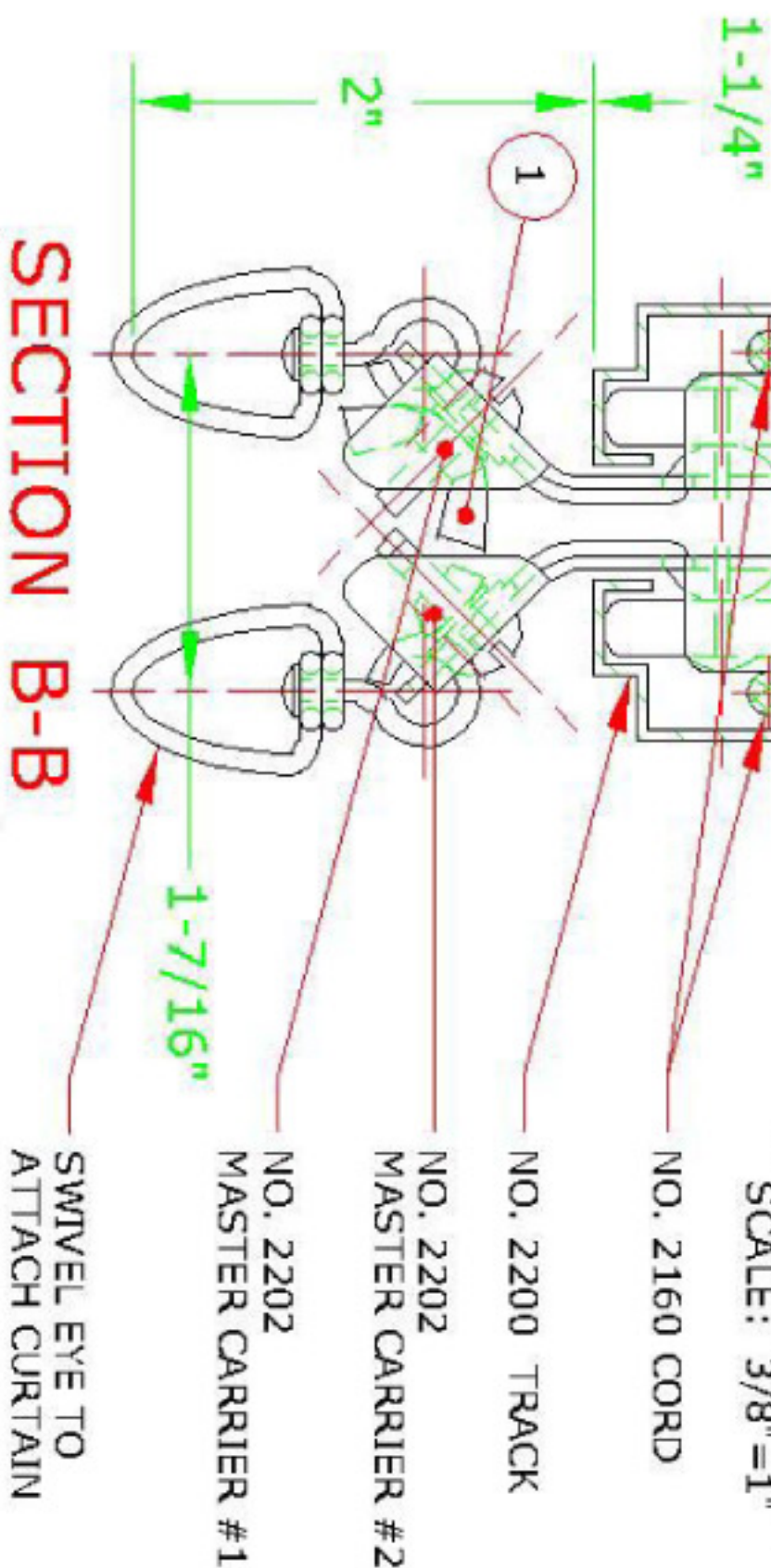


* END CURTAIN TIE-OFF



VIEW A

ENLARGED TOP VIEW
SCALE: 3/8"=1"



SECTION B-B

SCALE: 3/4"=1"

NOTES:

- 1 TURN WING NUTS ON MASTER CARRIERS SO THEY DON'T INTERFERE WITH EACH OTHER.



AUTOMATIC DEVICES COMPANY
2121 S. 12TH ST. ALLENTOWN, PA 18103

THIS DRAWING HAS BEEN PREPARED AS A SERVICE TO OUR CUSTOMER AND IS INTENDED ONLY TO BE SUGGESTIVE IN NATURE AND IS NOT TO BE USED AS AN ACTUAL INSTALLATION DRAWING. PREVAILING JOB CONDITIONS AND ACCEPTED PRACTICES MUST BE TAKEN INTO ACCOUNT WHEN THE EQUIPMENT IS INSTALLED.

SIZE DATE

A 6/19/04

SERIES

MODEL 220 TRAK-EZE CURTAIN TRACK

DRAWN BY APPROVED BY

JEK

DESCRIPTION INSTALLATION DRAWING BI-PART OPERATION (MANUAL)

SCALE 3/16=1 SHEET 1 OF 1 DWG NO. II-220HOB1-1-04

