SILVER LINING CABLE RAIL SYSTEM

"Every stair should have a Silver Lining"

SILVER LINING CABLE RAIL SYSTEM BY

WM Coffman® Stair Parts

SILVER LINING CABLE RAIL SYSTEM

"Every stair should have a Silver Lining"

SL-CABLE RAIL KITS by WM Coffman Stair Parts

Available from 5' up to 50' to accomodate all applications

SL-SWAGELESS FITTINGS by WM Coffman Stair Parts

Item: 803972
Non-Tensioning

Item: 803973
Tensioning

Swageless Level Fittings by WM Coffman Stair Parts

Item: 803974
Non-Tensioning

Item: 803975
Tensioning

Swageless Rake Fittings by WM Coffman Stair Parts

SL-TOOLS & ACCESSORIES by WM Coffman Stair Parts

Item: 803978
SL-CABLE CUTTER

Item: 803979
SL-CABLE RELEASE

Item: 803989
SL-CABLE PLIERS

Item: 803982
Pre-Drilled

Item: 803980
SL-S.S. POST PROTECTOR

Item: 803981
SL-MANDREL/CUT-OFF WHEELS

Item: 803983
UnDrilled

WM Coffman ®

SILVER LINING CABLE RAIL SYSTEM

"Every stair should have a Silver Lining"

Item	Description
803964	SL-CABLE RAIL KIT - 5'
803965	SL-CABLE RAIL KIT - 10'
803966	SL-CABLE RAIL KIT - 15'
803967	SL-CABLE RAIL KIT - 20'
803968	SL-CABLE RAIL KIT - 25'
803969	SL-CABLE RAIL KIT - 30'
803970	SL-CABLE RAIL KIT - 40'
803971	SL-CABLE RAIL KIT - 50'
803972	SL-Swageless Level Non-Tensioning for Wood
803973	SL-Swageless Level Tensioning for Wood
803974	SL-Swageless Rake Non-Tensioning for Wood
803975	SL-Swageless Rake Tensioning for Wood
803976	SL-Coils of Cable Railing - 100'
803977	SL-Coils of Cable Railing - 500'
803978	SL-CABLE CUTTER C-7 1/8"
803979	SL-CABLE RELEASE TOOL 1/8"
803980	SL-S.S. Post Protector Tube (4-Pk) 3/4"
803981	SL-Package Mandrel and two cut-off wheels
803982	SL-Anodized Alum Cable Brace 42" - 13 holes, 2 plugs and screws
803983	SL-Anodized Alum Cable Brace 42" - Undrilled, 2 plugs and screws
803984	SL-Optional S.S. End Cap for SL Cable Kit

Installation Instructions can be found at wm-coffman.com/silverlining

Ask us about our new Craftsman profiles to complement your next Silver Lining Cable Rail project.

(800) 810-9204 sales@wm-coffman.com

WM Coffman®

Stair Parts

Red Oak, White Oak and Hard Maple Avail

C-6700 Non-Plowed

C-4074/4076 New Species

WM Coffman Stair Parts

SILVER LINING CABLE RAIL SYSTEM

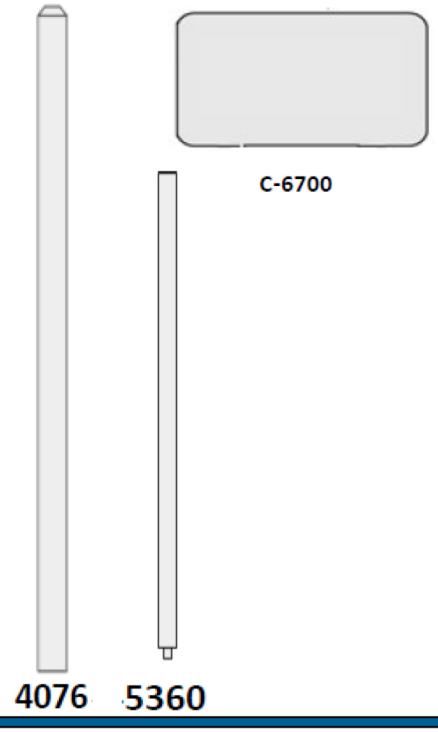
General Information

Consult your local building code before purchasing and installing WM Coffman's Silver Lining Cable Rail system. All Cable Railing is meant for use as a guard/fence and not intended or designed to be stood on or climbed on. Load limits may vary depending on method of installation. An engineer or qualified contractor should be consulted for any questions regarding this or any other Cable Railing system and its application.

The following installation instructions/information are to be used as a reference tool only.

WM Coffman Recommended **Complimentary Parts** list for Silver Lining Cable Rail System

Item	Description	Specie
802824	C-4076 3-1/2" x 56" Square Newel Post	Red Oak
801742	C-4076 3-1/2" x 56" Square Newel Post	Hard Maple
801743	C-4076 3-1/2" x 56" Square Newel Post	Poplar
803021	C-4076 3-1/2" x 56" Square Newel Post	White Oak
802864	C-5360 1-3/4" x 36" Square Baluster	Red Oak
802288	C-5360 1-3/4" x 42" Square Baluster	Red Oak
801253	C-5360 1-3/4" x 36" Square Baluster	Hard Maple
802342	C-5360 1-3/4" x 42" Square Baluster	Hard Maple
801254	C-5360 1-3/4" x 36" Square Baluster	Poplar
802313	C-5360 1-3/4" x 42" Square Baluster	Poplar
801255	C-5360 1-3/4" x 36" Square Baluster	Primed
802377	C-5360 1-3/4" x 42" Square Baluster	Primed
802508	C-6700 Non-Plowed 16' Rail	Red Oak
802509	C-6700 Non-Plowed 16' Rail	Hard Maple
802510	C-6700 Non-Plowed 16' Rail	White Oak



WM Coffman Recommended **Tools & Accessories** for Silver Lining Cable Rail System

Review instructions below before placing order to ensure you have all tools to complete proper installation

Item	Description
803978	Cable Cutter for 1/8" Stainless Steel
803979	Cable Release Tool for 1/8" Stainless Steel
803980	Post Protector Tube (4 pack) 3/4"
803981	Package Mandrel and two cut-off wheels
803982	Aluminum Cable Brace 42" Pre-drilled
803983	Aluminum Cable Brace 42" Undrilled
803984	Stainless Steel End Cap for SL-102-KIT

Other Tools (not offered at WMC)	
SL-102-KIT System	Swageless System
Power Drill	Power Drill
5/32" Drill Bit	5/32" Drill Bit
9/32" Drill Bit	7/32" Drill Bit
29/64" Drill Bit	17/32" Drill Bit
1/4" Drill Bit	1/4" Drill Bit
1/8" Hex Wrench	3/8" Wrench
7/16" Wrench	

WM Coffman Stair Parts Silver Lining Cable Rail system is a perfect system for interior or exterior applications. The instructions to follow will help you choose the best system for your install. If you have any questions regarding anything in these instructions/information, please contact us at sales@wm-coffman.com.

WM Coffman Stair Parts

SILVER LINING CABLE RAIL SYSTEM

General Information

General Information

WM Coffman's Silver Lining Cable Rail is…

- Made in the United States
- 1/8" Diameter
- Type 316 Stainless Steel (marine grade)
  - Interior & Exterior (perfect for decks as well as stairs)
  - Corrosion Resistant

All WM Coffman Stainless Steel cable and hardware are covered by a limited **warranty** for a period of ten (10) years from the date of receipt to be free from defects due to defective materials and workmanship.

This warranty does not cover materials which have been abused, neglected or used in any Manner other than for pedestrian railings nor any damage, failure of corrosion resulting from environmental conditions, improper installation, vandalism, insurrection, war or acts of nature.

WM Coffman's 10 year limited warranty is equal to or better than any other Cable Rail system.

Preventative Maintenance

Recommended proper Preventative Maintenance

As with all Stainless Steel, regular maintenance and cleaning must be performed. This is the reason for our limited warranty.

There are numerous products that can be purchased to maintain Stainless Steel (we recommend Boeshield products (T-9 & RustFree). Boeshield can be found at numerous retailers.

If you have any questions regarding anything in these instructions/information or need help finding Boeshield Preventative products, please contact us at sales@wm-coffman.com.

WM Coffman Stair Parts

SILVER LINING CABLE RAIL SYSTEM

General Information

General Information

Recommended Specifications

Consult your local building code before purchasing and installing Silver Lining Cable Rail system.

Newel Post should be a minimum of 3-1/2" wide

- WM Coffman recommends C-4076 posts (Red Oak, White Oak, Hard Maple)

Cable Braces/Balusters should be placed at a recommended spacing of 48" (max) apart

- WM Coffman recommends C-5360 balusters (Red Oak, Poplar, Primed, Hard Maple) (Undrilled) or…
- Alum Cable Brace (Pre-drilled (3-1/8" on center) or Undrilled)

We recommend C-6700 **Railing** to compliment the Craftsman style that is so popular today

- C-6700 Non-plowed rail (Red Oak, White Oak, Hard Maple)

3-1/8" Spacing between Cable Railing on Posts/Intermediate Balusters is recommended in order to meet code (always consult your local building code)

Installation Instructions

WM Coffman offers 2 Cable Rail system:

- **SL-102-KIT -** Silver Lining Cable Kit system
  - Easy to Install and available in 5' up to 50' lengths

Instructions for SL-102-KIT can be found at WM-Coffman.com/silverlining

- **SL-PL Swageless Fittings system -** with coils of rail
  - Available for Level runs as well as Rake runs

Instructions for SL-PL Swageless system can be found at WM-Coffman.com/silverlining

If you have any questions regarding anything in these instructions/information, please contact us at sales@wm-coffman.com.

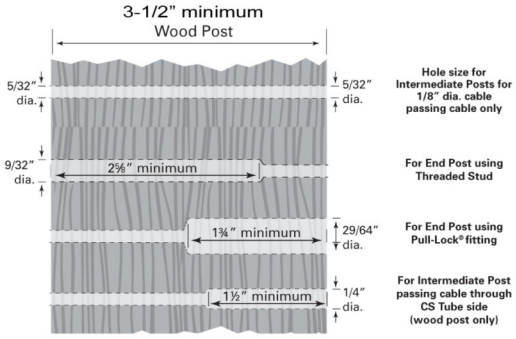
SILVER LINING CABLE RAIL SYSTEM

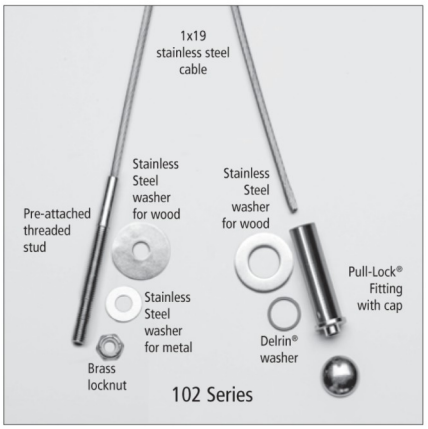
SL-102-KIT Series Installation Instructions for Wood Posts

LEVEL INSTALLATION

A. Drill Posts

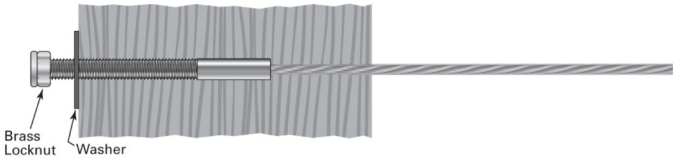
Hole size for 1/8" dia. cable installation





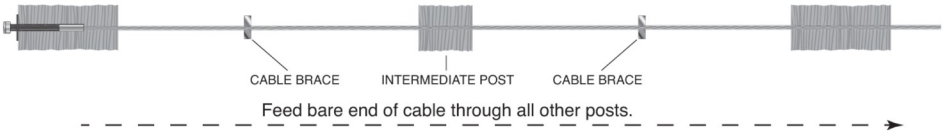
B. Install Tensioning Terminal

1. Install the Threaded Stud end first. Feed the cable and stud through the end post. Slide the stainless steel washer (smaller for metal post, larger for wood post) onto the Threaded Stud and start the brass locknut onto the threads as far as possible by hand.



C. Feed Cable through Intermediate Posts

1. Feed the bare end of the cable through all your intermediate posts/cable braces and through the end post where you will be installing the Pull-Lock® fitting.

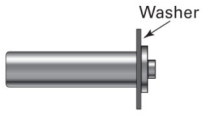


D. Feed/Crimp Cable through Corner Posts

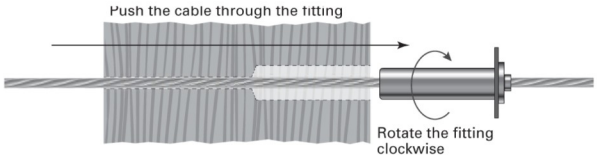
1. See page 3 instructions (below) to Feed/Crimp Cable through Corner Posts.

E. Install Swageless Terminal

1. Slip the appropriate washer over the body of the Pull-Lock® fitting stainless steel for wood post).

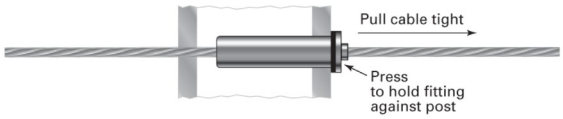


2. Rotate the Pull-Lock® fitting clockwise as you push it onto the cable. If the cable begins to "unravel," you are rotating the fitting in the wrong direction.

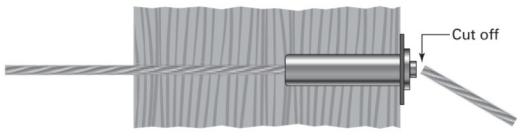


Note: If you have trouble inserting the cable into the fitting, it may be because the locking wedges have become stuck. This is not a defect! Here's what you can do to "free the wedges" —
For Pull-Lock® or Push-Lock® fittings for 1/8" cable, using either a PL-KEY or 1/4" diameter bolt, insert the PL-KEY or bolt into the hole and press until the wedges move freely. Perform the same operation for a 3/16" Pull-Lock® or Push-Lock®, except use a 16d nail or another tool with 1/8" or smaller diameter. Anything larger than what is recommended can actually get stuck inside the fitting – NOT what you want!

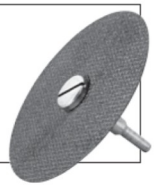
3. Push the Pull-Lock® fitting along the cable and firmly into the hole in your post. While holding the Pull-Lock® fitting against the end post, pull the bare end of the cable to remove as much slack in the cable as possible.



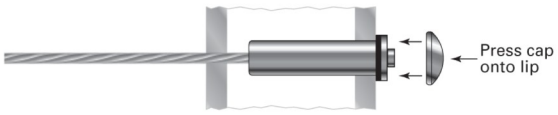
4. Cut the cable flush with the hole in the back of the fitting using a cut-off wheel.



Cut-off Tool
Used to cut cable flush with the end of the Pull-Lock® fittings, and to cut excess threads off stud-type Receivers. Includes mandrel and two cut-off wheels. Order **CUT-OFF KIT**

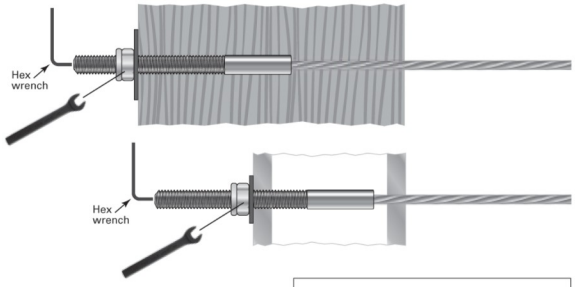


5. Press the cap onto the lip of the Pull-Lock® fitting.

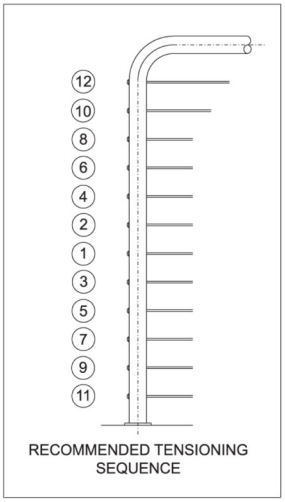


F. Tension Cables

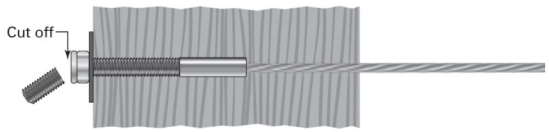
1. Return to the Threaded Stud end post. Insert an 1/8" hex wrench into broached opening on the tip of the stud. Tighten the locknut with a 7/16" wrench while holding the hex wrench to prevent the stud from turning.



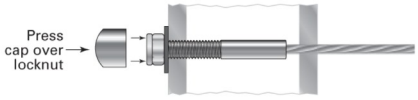
2. Tension all cables to desired amount in sequence, beginning with the center cables, moving up and down toward the top and bottom. As you tension each cable, give it a sharp pull downward mid-span to help set the wedges, then re-tension as necessary in the same sequence.



3. When all of the cables are tight, cut off any exposed thread as near to the locknut as possible by using a cut-off wheel or hack saw.



4. If you have purchased the optional nut cap, press the cap over the locknut.



SILVER LINING CABLE RAIL SYSTEM

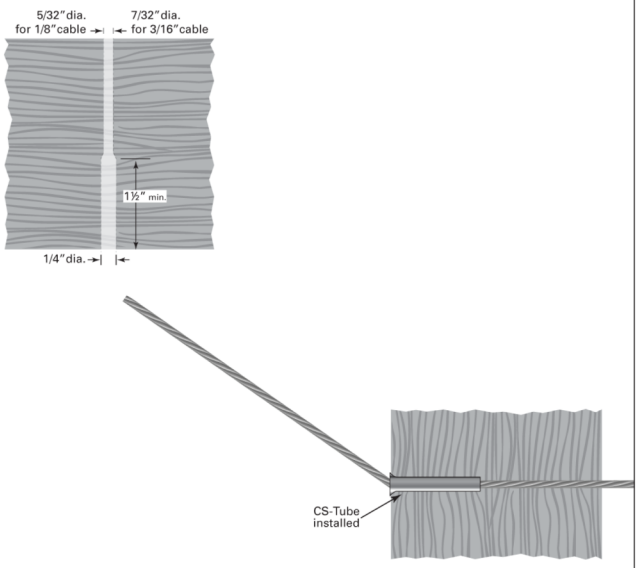
SL-102-KIT Series - Passing Cable Thru Corner Configurations

When passing cable railing through a corner, do not bend the cable past 45° at any time.

If turning 90°, a 2-step turn using a double corner post configuration is required, as illustrated. For wood frame cable runs with up to 90° of turn, kits with single tensioners are sufficient. If going through corners totaling more than 90°, you will want to use a kit with tensioners at both ends.

Corners require two posts because the cable itself, being rigid, will not cooperate in bending cleanly through a single post. When you go through a corner post, you will need to prevent the cable from slicing into the wood as it exits the post on an angle by using a Post Protector Tube.

Illustration D-1

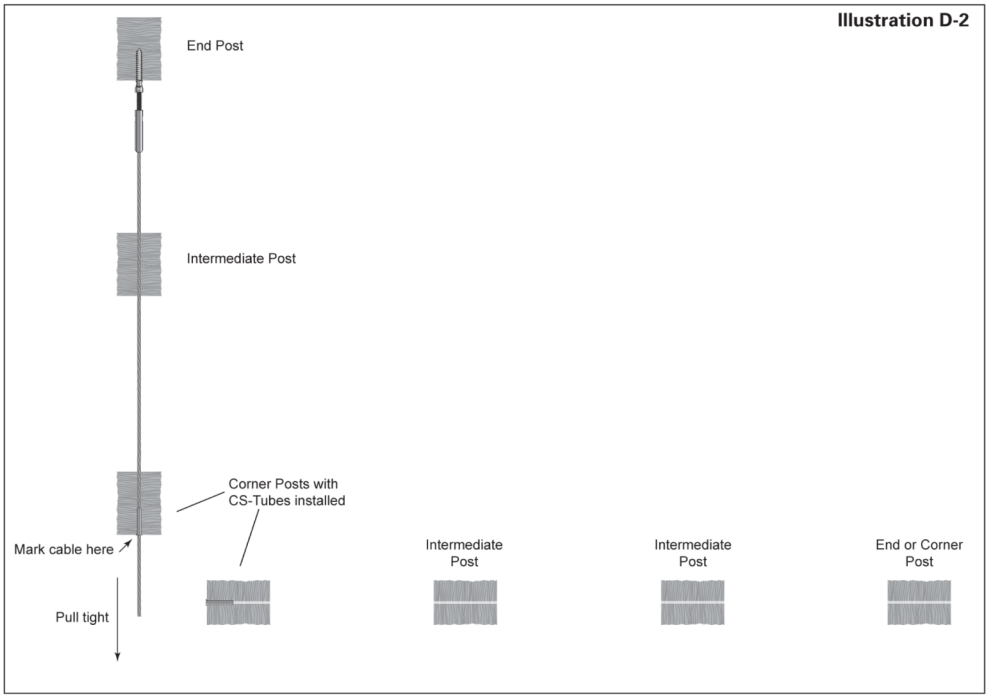


1. Insert a Post Protector Tube (order separately from Accessories) into all wood posts where the cable angles out of the post. Drill 1/4" diameter holes 1-1/2" deep into the face of the post where each cable angles out of the post. Force tube into post so it is flush with post face. (Illustration D-1)

2. As you feed the bare end of your cable through your intermediate posts (per Section C in your installation instructions), stop after you feed it through the first of your two corner posts.

3. Mark the cable at the point where it exits the Post Protector Tube at the face of the first post. (Illustration D-2)

Illustration D-2



SILVER LINING CABLE RAIL SYSTEM

4. Take a measurement in a straight line between the installed Post Protector Tubes on adjacent posts. Make a second mark on the cable that is the same distance away from the first mark as the measurement that you have just taken. (Illustration D-3)

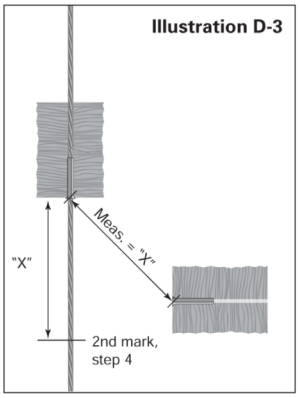


Illustration D-3

5. Remove the stud or the Adjust-A-Body from the tensioning terminal end that was installed in Section B of your kit instructions. This will make it possible to pull the first mark away from the face of the post so that you can access the mark for bending the cable. (Illustration D-4)

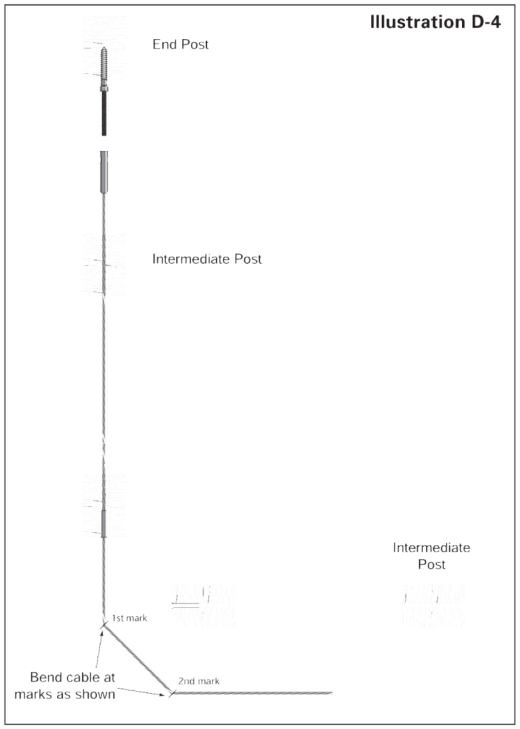


Illustration D-4

6. Bend the cable in both locations that you have marked to approximately 45° (in the same plane). Use a tool such as Ultra-tec Cable Gripping Pliers to help you make "sharp" bends in your cables at the marked locations. (Illustration D-4)

7. Re-attach the tensioning terminal such that the first mark is at the face of the post with the Post Protector Tube. Feed the bare end of the cable through the second post and continue to feed the cable through all other intermediate posts and/or another corner section. Pull tight until the second mark contacts the Post Protector Tube on the second post. (Illustration D-5)

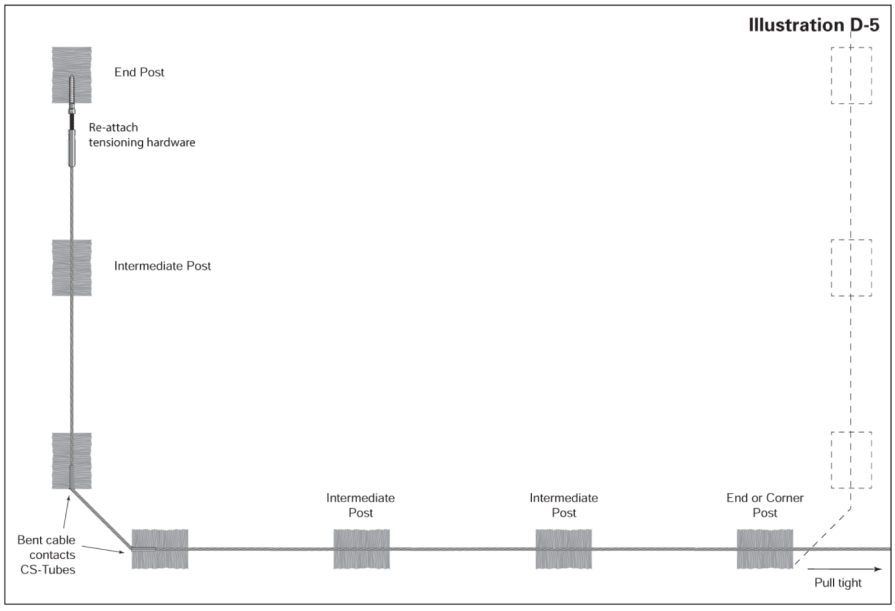


Illustration D-5

8. When the bare end of the cable has been passed through all remaining intermediate posts (if another 2-post corner is encountered, repeat Steps 1-7) proceed to Section E of the installation instructions for your kit application.

SILVER LINING CABLE RAIL SYSTEM

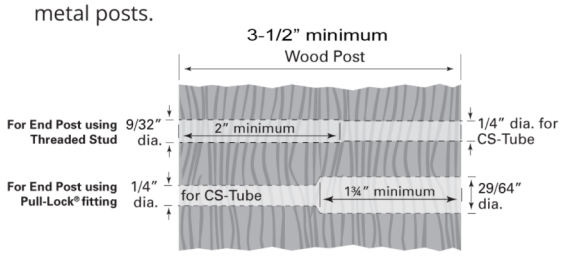
SL-102-KIT Series Installation Instructions for Wood Posts

RAKE (STAIR) INSTALLATION

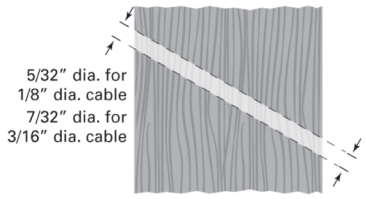
A. Drill Posts

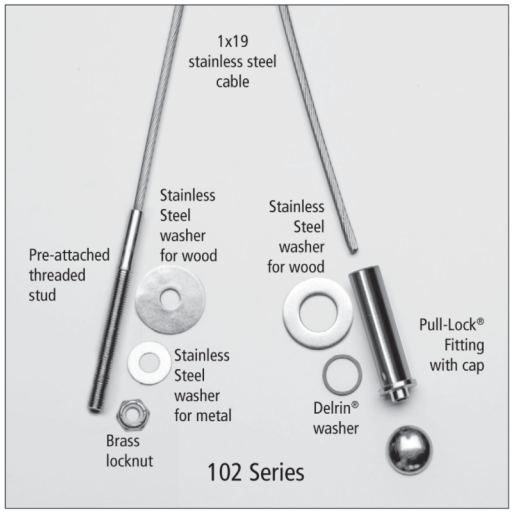
Hole size for 1/8" dia. cable installation

Neither the threaded stud nor the Pull-Lock® will reach all the way through wood end posts, so you will need to add post protector tubes (aka CS-TUBE) to the inside face of your end posts to protect the wood from the cable as it exits the post at the stair angle. Not needed for metal posts.



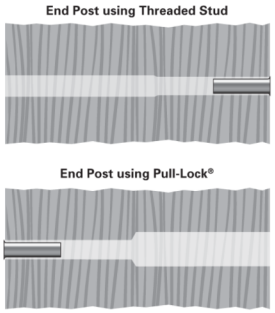
Intermediate posts are drilled on the angle.



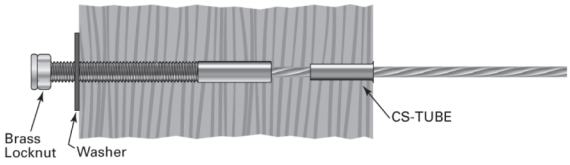


B. Install Tensioning Terminal

1. If a wood post, insert the post protector tube first into the face of both end posts. Force each tube into post so it is flush with post face.



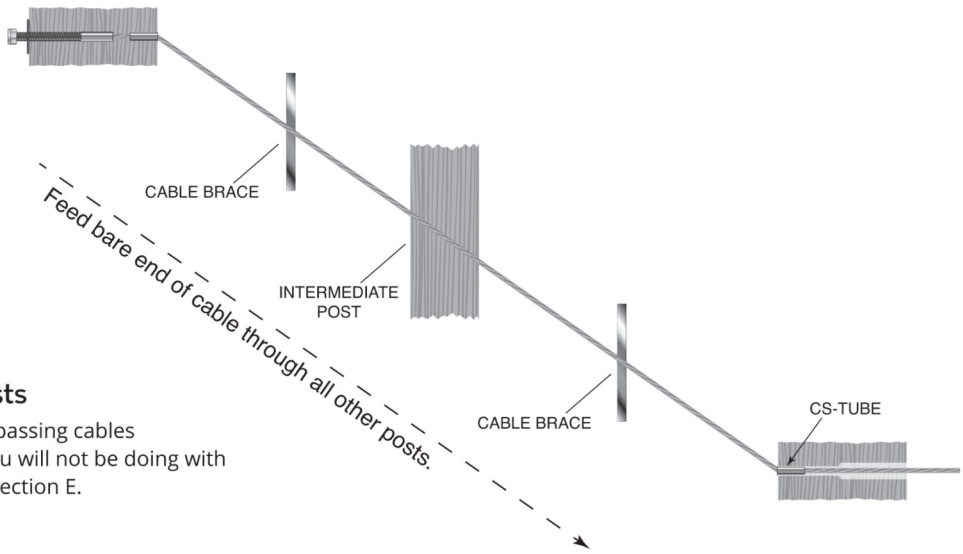
2. Slide the stainless steel washer onto the threaded stud (smaller for metal post, larger for wood) and start the brass locknut onto the threads as far as possible by hand. Feed the cable through the end post, pulling the threaded stud into place.



SILVER LINING CABLE RAIL SYSTEM

C. Feed Cable through Intermediate Posts

1. Pass bare end of cable through intermediate post(s), and through other end post (which includes post protector tube if wood post).

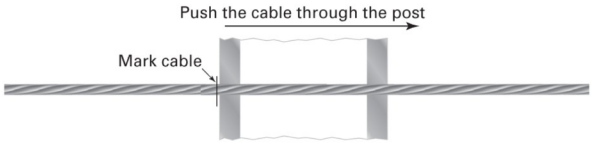


D. Feed/Crimp Cable through Corner Posts

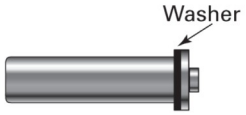
As this section deals with passing cables through corners, which you will not be doing with stairs, please proceed to Section E.

E. Install Swageless Terminal

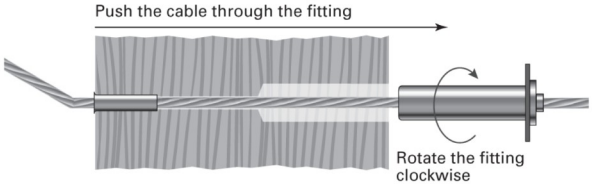
1. Push the bare cable through the other end post and mark the cable at the point where it enters the end post.



2. Slip the appropriate washer over the body of the Pull-Lock fitting (Delrin® for metal post, stainless steel for wood post).

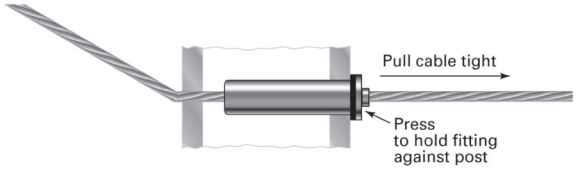


3. Rotate the Pull-Lock fitting clockwise as you push it onto the cable. If the cable begins to "unravel," you are rotating the fitting in the wrong direction.

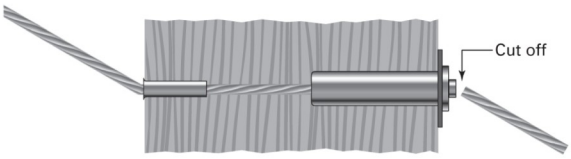


Note: *If you have trouble inserting the cable into the fitting, it may be because the locking wedges have become stuck. This is not a defect! Here's what you can do to "free the wedges" —*
For Pull-Lock or Push-Lock fittings for 1/8" cable, using either a PL-KEY or 1/4" diameter bolt, insert the PL-KEY or bolt into the hole and press until the wedges move freely. Perform the same operation for a 3/16" Pull-Lock or Push-Lock, except use a 16d nail or another tool with 1/8" or smaller diameter. Anything larger than what is recommended can actually get stuck inside the fitting – NOT what you want!

4. Push the Pull-Lock fitting along the cable and firmly into the hole in your post. Pull on the cable (cable gripping pliers are helpful for this) to create as much tension as possible as you seat the Pull-Lock fitting into the hole.

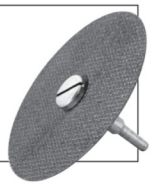


5. Cut the cable flush with the hole in the back of the fitting using a cut-off wheel.

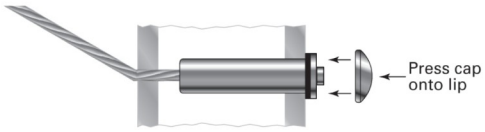


SILVER LINING CABLE RAIL SYSTEM

Cut-off Tool
Used to cut cable flush with the end of the Pull-Lock fittings, and to cut excess threads off stud-type Receivers. Includes mandrel and two cut-off wheels. Order **CUT-OFF KIT**

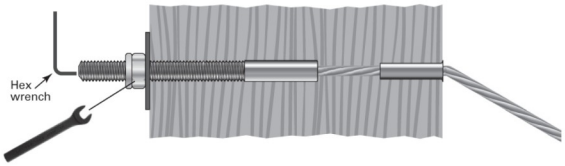


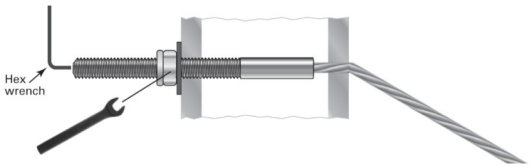
6. Press the cap onto the lip of the Pull-Lock fitting.



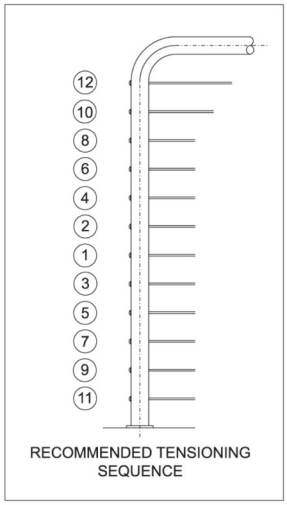
F. Tension Cables

1. Return to the Threaded Stud end post. Insert an 1/8" hex wrench into broached opening on the tip of the stud. Tighten the locknut with a 7/16" wrench while holding the hex wrench to prevent the stud from turning.



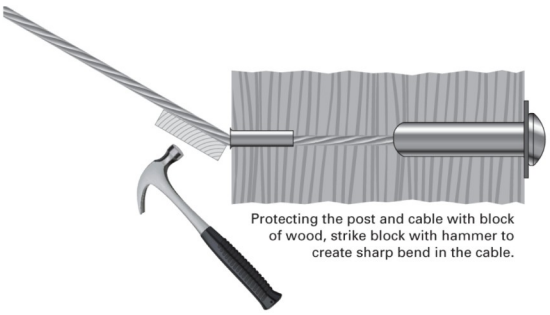


2. Tension all cables to desired amount in sequence, beginning with the center cables, moving up and down toward the top and bottom.



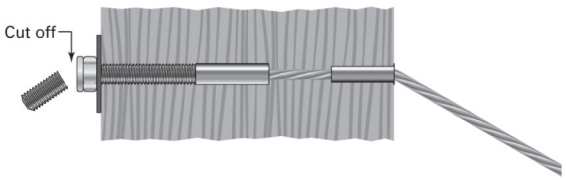
RECOMMENDED TENSIONING SEQUENCE

3. At both ends of the run, you are going to create a sharp bend in the cable where it exits the post (post protector tube in the wood post) by placing a block of wood (for protection of the post) on the cable next to the post / tube at the face of each post and striking it with a hammer.

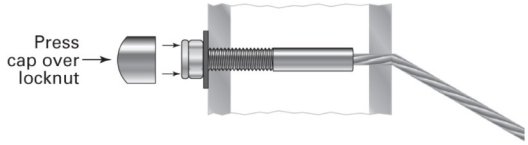

Protecting the post and cable with block of wood, strike block with hammer to create sharp bend in the cable.

If tension has diminished slightly as a result of the bending of the cable, re-tension the threaded stud back up to desired amount, as in Step F-1.

4. When all of the cables are tight, cut off any exposed thread as near to the locknut as possible by using a cut-off wheel or hack saw.



5. If you have purchased the optional nut cap, press the cap over the locknut.



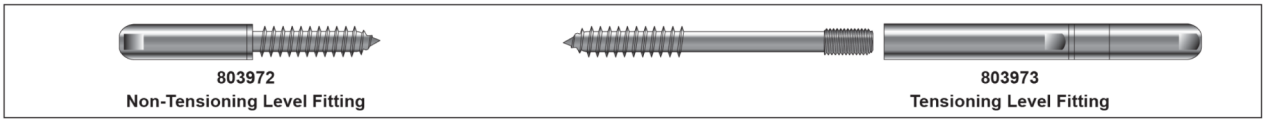
SILVER LINING CABLE RAIL SYSTEM

SL-PL Swageless Series Installation Instructions for Wood Posts

LEVEL INSTALLATION

WM Coffman fittings are designed to be used for securing infill in a railing frame for pedestrian use with 1/8" 1x19 construction stainless steel (preferably Type 316 S/S) Left Hand Lay Strand ONLY.

NO OTHER APPLICATIONS OR CABLE CONSTRUCTIONS ARE RECOMMENDED, SUPPORTED, OR WARRANTEED BY WM Coffman Stair Parts.



803972
Non-Tensioning Level Fitting

803973
Tensioning Level Fitting

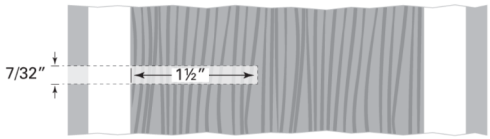
Preparing the Posts

1. Mark the face of the post with a marking pen at each location where a piece of hardware will be installed or where a cable will pass through.

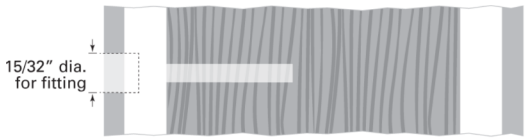
2. For all "intermediate" posts (posts that will have no hardware attached but will have cable passing through), drill a through-hole at the mark that is .156" (5/32") diameter.

Installing 803972 Non-Tensioning Fittings

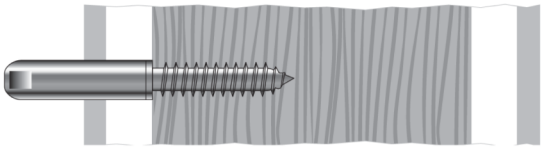
3. Drill 7/32" hole for lag thread (at the mark made in step one) at least 1½" deep into the wood core substrate.



4. Then re-drill hole through the sleeve only at 15/32" to accommodate the fitting, using the existing hole as a centering guide.



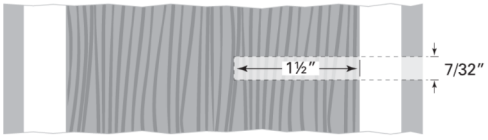
5. Place lag thread into hole and drive lag thread into the substrate using 3/8" open-end wrench on wrench flats milled into body of fitting. Stop turning when shoulder on fitting between lag thread and body makes contact with substrate.



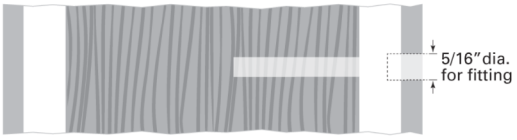
6. Repeat steps 3-5 for all remaining hardware locations on that post face.
When finished, proceed to instructions for installing PL-SFC-WS-4-L.

Installing 803973 Tensioning Fittings

7. Drill 7/32" hole for lag thread (at the mark made in step one) at least 1½" deep into the wood core substrate.



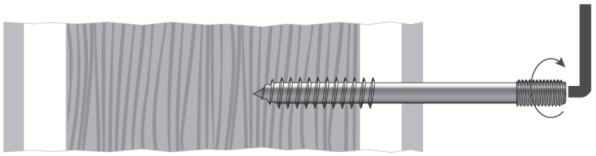
8. Then re-drill a 5/16" hole through the sleeve only to allow the lag thread to pass without damaging the covering using the existing hole as a centering guide.



SILVER LINING CABLE RAIL SYSTEM

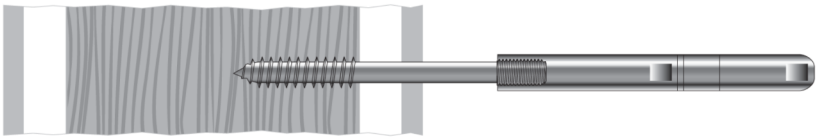
SL-PL Swageless Series Installation Instructions for Wood Posts

9. Place lag thread into hole and drive lag thread into the substrate using a 3/16" hex (Allen) wrench. Stop turning when the lag threads on the fitting are fully within the substrate.



10. Assemble female threaded rotating portion of fitting onto male thread only so far as to cover male thread and no more.

11. Repeat steps 8-10 for all remaining hardware locations on that post face.



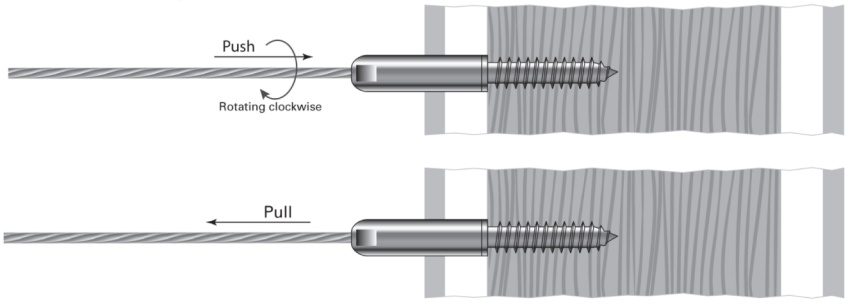
General Guidelines for Installing Cable

All cable cut ends must be "clean" and burr free. We recommend using a Felco type cutter that encircles the cable as it cuts it. When inserting a cut end of cable into a Push-Lock® type fitting it is important to rotate the cable and/or fitting in a direction that is "with the lay" of the strand.

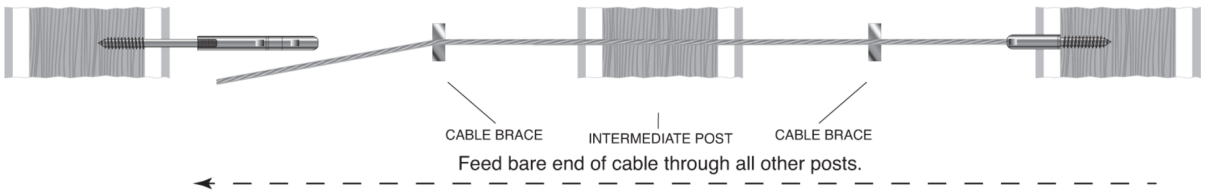
For L/H lay strand, rotate the cable or the fitting in the direction recommended in the instructions. This will help to prevent the cable from fraying or "unlaying" while it is inserted into the fitting. Insert cut cables into Push-Lock® fittings approximately 1-1/16" until you feel it rest against a hard stop and then pull against the fitting to secure the wedges in the fitting.

> ***Note:*** *If you have trouble inserting the cable into the fitting, it may be because the locking wedges have become stuck. This is not a defect! Here's what you can do to "free the wedges" — For Pull-Lock or Push-Lock fittings for 1/8" cable, using either a PL-KEY or 1/4" diameter bolt, insert the PL-KEY or bolt into the hole and press until the wedges move freely. Perform the same operation for a 3/16" Pull-Lock or Push-Lock, except use a 16d nail or another tool with 1/8" or smaller diameter. Anything larger than what is recommended can actually get stuck inside the fitting – NOT what you want!*

12. Begin by inserting the cut end of the cable into the non-tensioning end fitting as described above and illustrated in the two images below.
FULL INSERTION OF THE CABLE IS CRITICAL TO FITTING PERFORMANCE UNDER TENSION.



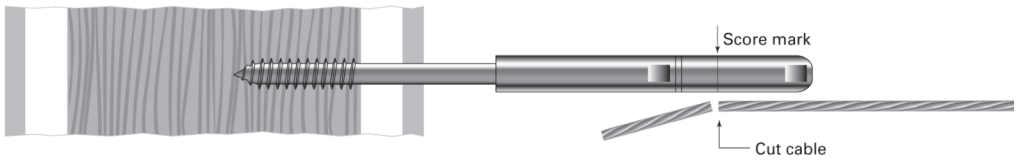
13. Feed the bare end of the cable through all your intermediate posts and to the other end post.



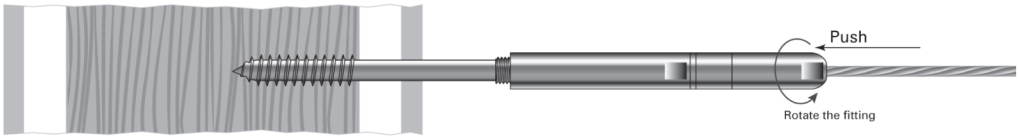
SILVER LINING CABLE RAIL SYSTEM

SL-PL Swageless Series Installation Instructions for Wood Posts

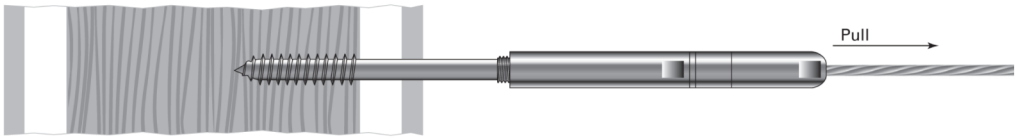
14. Pull the cable taut alongside the fitting, mark the cable at the score mark on the body of the tensioner, and cut the cable at the mark.



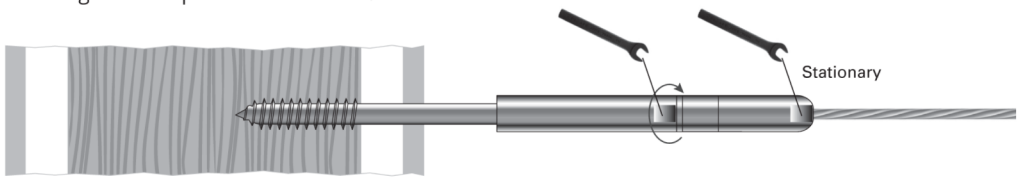
15. Loosen the tensioner so that approximately 5 or 6 threads are showing, then push the cable into the fitting, twisting the fitting in the direction illustrated at right.



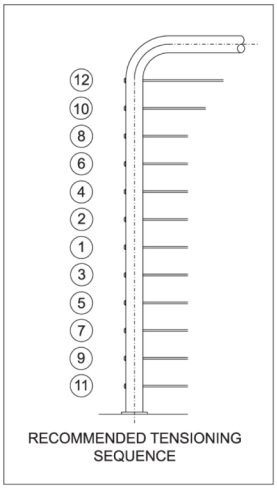
16. Once the cable has bottomed out in the fitting, pull the cable away from the post to help set the locking mechanism.



17. Tension the cable by holding the cable-gripping portion of the fitting stationary with a 3/8" wrench as you rotate the female threaded portion of the fitting with a separate 3/8" wrench.



18. Tension all cables in sequence, beginning with the center cables, moving up and down toward the top and bottom.



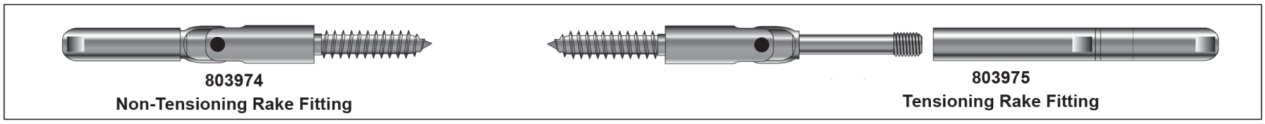
SILVER LINING CABLE RAIL SYSTEM

SL-PL Swageless Series Installation Instructions for Wood Posts

RAKE (STAIR) INSTALLATION

WM Coffman fittings are designed to be used for securing infill in a railing frame for pedestrian use with 1/8" 1x19 construction stainless steel (preferably Type 316 S/S) Left Hand Lay Strand ONLY.

NO OTHER APPLICATIONS OR CABLE CONSTRUCTIONS ARE RECOMMENDED, SUPPORTED, OR WARRANTEED BY



803974
Non-Tensioning Rake Fitting

803975
Tensioning Rake Fitting

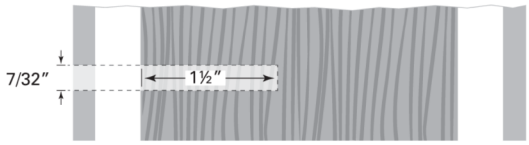
Preparing the Posts

1. Mark the face of the post with a marking pen at each location where a piece of hardware will be installed or where a cable will pass through.

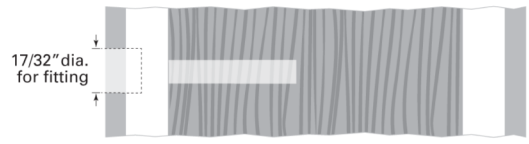
2. For all "intermediate" posts (posts that will have no hardware attached but will [illegible] through), drill a through-hole [illegible] (5/32") diameter.

Installing 803974 Non-Tensioning Fittings

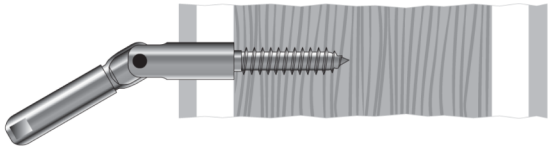
3. Drill 7/32" hole for lag thread (at the mark made in step one) at least 1½" deep into the wood core substrate.



4. Then re-drill hole through the sleeve only at 17/32" to accommodate the fitting, using the existing hole as a centering guide.



5. Place lag thread into hole and drive lag into the substrate using the articulating portion of the fitting as a lever to rotate the lag end of the fitting. Stop turning when shoulder on fitting between lag thread and clevis makes contact with the substrate. You may continue to rotate fitting up to 1/4 turn to properly orient the fitting. If the substrate is too hard to rotate [illegible] may be backed off 1/4 turn to [illegible]ientation.



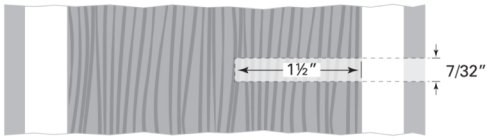
6. Repeat steps 3-5 for all remaining hardware locations on that post face.
When finished, proceed to instructions for installing 803975 Tensioning Rake Fittings.

SILVER LINING CABLE RAIL SYSTEM

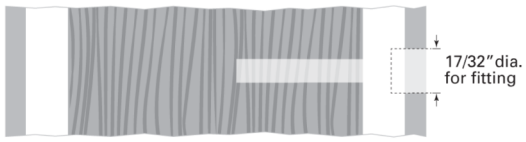
SL-PL Swageless Series Installation Instructions for Wood Posts

Installing 803975 Tensioning Fittings

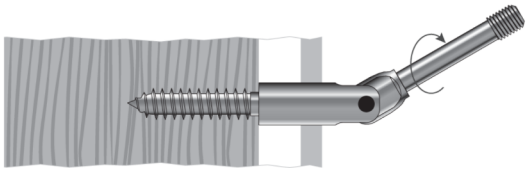
7. Drill hole for lag thread (at the mark made in step one) at least 1½" deep into the wood core substrate.



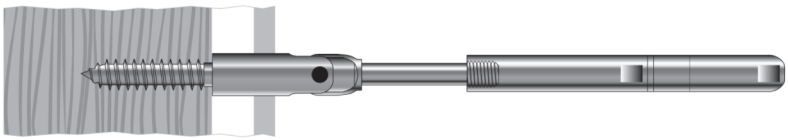
8. Then re-drill a 17/32" hole through the sleeve only to allow the lag thread to pass without damaging the covering using the existing hole as a centering guide.



9. Place lag thread into the drilled hole and drive lag thread into the substrate using the articulating portion of the fitting as a lever to rotate the lag end of the fitting. (NOTE: Female threaded rotating portion of fitting referred to in Step 10 MUST NOT BE attached for this step.) Stop turning when shoulder on fitting between lag thread and clevis makes contact with the substrate. You may continue to rotate fitting up to 1/4 turn to properly orient the fitting. If the substrate is too hard to rotate 1/4 turn clockwise, it may be backed off 1/4 turn to achieve the proper orientation.



10. Assemble female threaded rotating portion of fitting onto male thread only so far as to cover male thread and no more.



11. Repeat steps 8-10 for all remaining hardware locations on that post face.

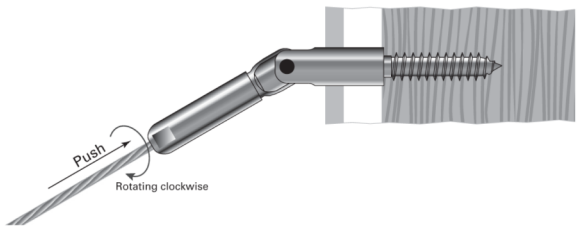
General Guidelines for Installing Cable

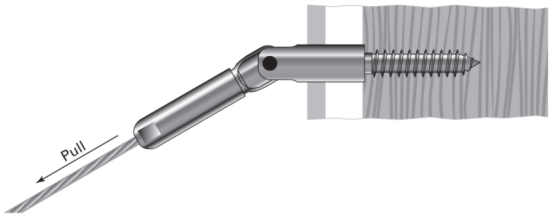
All cable cut ends must be "clean" and burr free. We recommend using a Felco type cutter that encircles the cable as it cuts it. When inserting a cut end of cable into a Push-Lock® type fitting it is important to rotate the cable and/or fitting in a direction that is "with the lay" of the strand.

For L/H lay strand, rotate the cable or the fitting in the direction recommended in the instructions. This will help to prevent the cable from fraying or "unlaying" while it is inserted into the fitting. Insert cut cables into Push-Lock® fittings approximately 1-1/16" until you feel it rest against a hard stop and then pull against the fitting to secure the wedges in the fitting.

***Note:** If you have trouble inserting the cable into the fitting, it may be because the locking wedges have become stuck. This is not a defect! Here's what you can do to "free the wedges" —*
For Pull-Lock or Push-Lock fittings for 1/8" cable, using either a PL-KEY or 1/4" diameter bolt, insert the PL-KEY or bolt into the hole and press until the wedges move freely. Perform the same operation for a 3/16" Pull-Lock or Push-Lock, except use a 16d nail or another tool with 1/8" or smaller diameter. Anything larger than what is recommended can actually get stuck inside the fitting – NOT what you want!

12. Begin by inserting the cut end of the cable into the non-tensioning end fitting as described above.
FULL INSERTION OF THE CABLE IS CRITICAL TO FITTING PERFORMANCE UNDER TENSION.



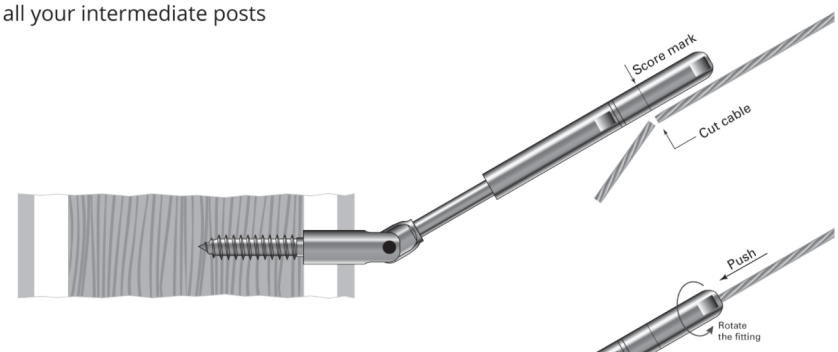


SILVER LINING CABLE RAIL SYSTEM

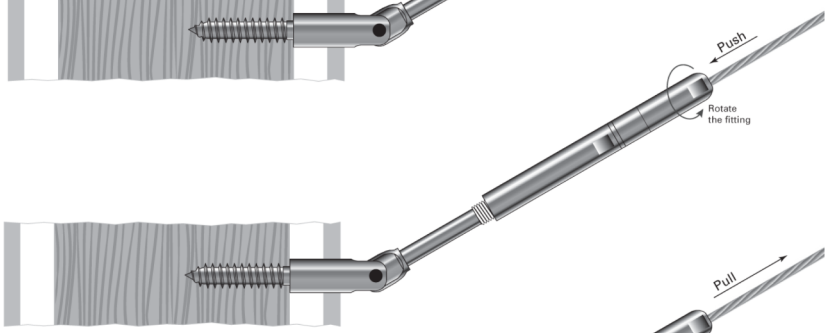
SL-PL Swageless Series Installation Instructions for Wood Posts

13. Feed the bare end of the cable through all your intermediate posts and to the other end post.

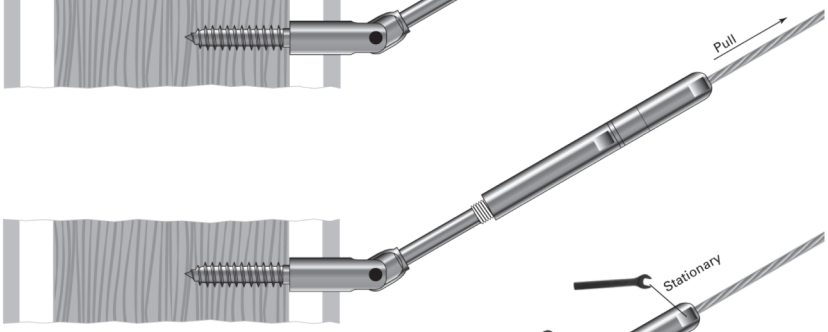
14. Pull the cable taut alongside the fitting, mark the cable at the score mark on the body of the tensioner, and cut the cable at the mark.



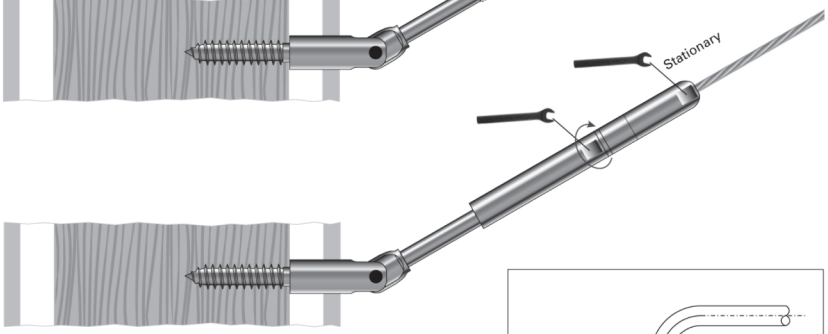
15. Loosen the tensioner so that approximately 5 or 6 threads are showing, then push the cable into the fitting, twisting the fitting in the direction illustrated at right.



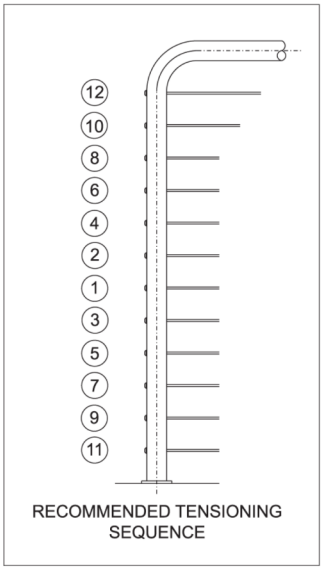
16. Once the cable has bottomed out in the fitting, pull the cable away from the post to help set the locking mechanism.



17. Tension the cable by holding the cable-gripping portion of the fitting stationary with a 3/8" wrench as you rotate the female threaded portion of the fitting with a separate 3/8" wrench.



18. Tension all cables in sequence, beginning with the center cables, moving up and down toward the top and bottom.



RECOMMENDED TENSIONING SEQUENCE

WM Coffman Stair Parts

Corporate Office
WM Coffman Resources LLC
2603 Technology Drive
Plano, TX 75074

Austell, GA Distribution Center
WM Coffman Resources LLC
8080 Troon Circle, Ste 180
Austell, GA 30168

Plano, TX Distribution Center
WM Coffman Resources LLC
2603 Technology Drive
Plano, TX 75074

Edison, NJ Distribution Center
Staircrafters Supply
60 Clearview Road
Edison, NJ 08837

NOTES