

Colligo Marine®

Lashing Tie off instructions

This image shows a nicely finished off lashing using our CSS71 Line Terminator and CSS61 Chainplate Distributor using 5 mm or 3/16" Dyneema line.

You can see the critical hourglass shape that gets tighter as the shroud tension gets tighter. It is very secure but is also allows for easy unlashing. Without the hourglass shape you would need to place the knot at the bottom of the lashing which makes it very painful to lash and unlash.

There is a series of individual half hitches that form the attractive spiral configuration of the lashing. This also creates redundant security ensuring that your lashing will not shake out.



Tensioning

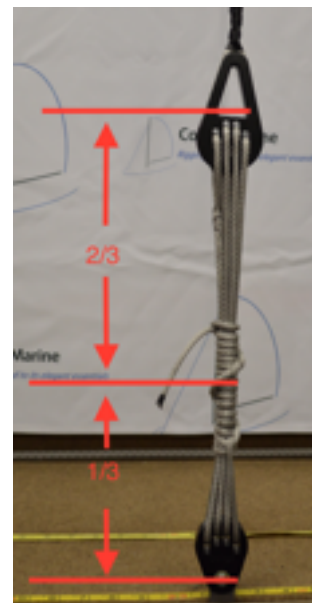
Prior to lashing off please tension the shroud or stay to the desired tension. Tensioning can be achieved in several ways:

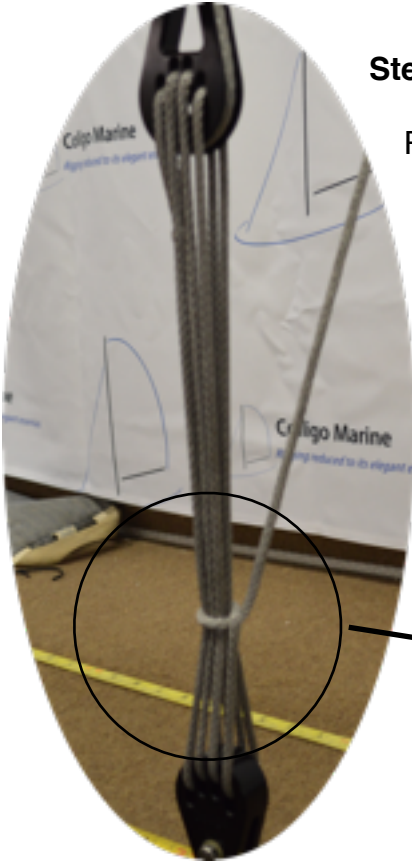
1. The best method is to take your boat sailing and adjust the leeward shroud, letting the wind blow the rig to leeward and do the work for you. Tack back and forth in low to moderate winds and keep adjusting the leeward shrouds. Always keep the mast straight and in column. In the end, you want your leeward shrouds to just come loose at your wind reef point, usually about 15-20 knots of wind speed.
2. You can also bring a halyard down and tie it off to your lashing line and use a winch for tensioning. This method will probably mean that you would need to help the lashing line thru all the holes in the line terminators and distributors while at the same time adding tension with the winch.

When you are tensioned up and ready, use the following directions to tie off your lashing very securely.

Lashing Off

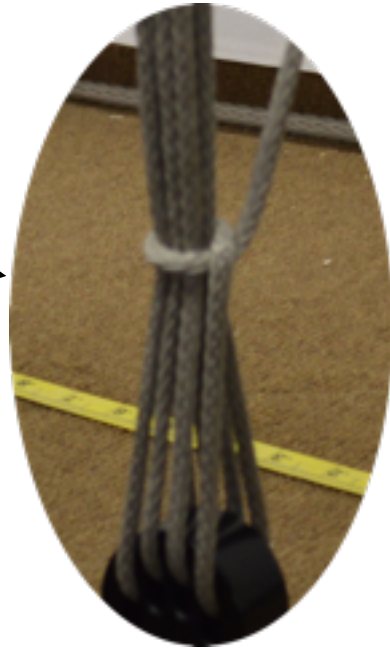
Please note the lashing is started at approximately 1/3 or less of the total lashing distance up from the bottom. This is critical as the knot will not slide down the lashing system due to the hourglass configuration. There are side forces tending to hold the knot up. If this is too high the knot will slide down and your shroud or stay will loosen.





Step 1

Pull the lashing line upward and keeping tension on it, run the end around the entire system and then under itself as shown. pull on it upward to preserve the tension in the system. Make sure to keep the lashing lines parallel to each other.



Step 2

Now repeat Step 1 again, making sure to go underneath the same line as you did before in step 1. You will notice the knot getting tighter as you pull up on the end again. The line sort of snaps up into place.



Step 3

Repeat step 1 again going under the line for a 3rd time. You should really feel the knot getting tight this time, holding all the lashing lines together securely. This knot now should hold the lashing tight with now slippage downward.

Note: We recommend doing this no fewer than 3 times. It will gradually get tighter and then impossible to do more if you continue with this. 3 passes of this type has been found to work well.



Step 4

Step 4 is important as you now will repeat step A into a new loop of line. Overpassing the initial knot.

[See the pic carefully.](#)

Now pull
it tight.





Step 5

Repeat Step 4.

Keep repeating Step 4, pulling tight each time. Note the spiral starting to form.



Until you end up with this.

3 or four of Step 4 is fine for security but if you keep going the spiral looks really nice.