

Right Angle Compression Connector Termination and Tool Adjustment

Both the 30-793 OmniSeal Pro XL and the Linear X3 compression tools need to have the center post adjusted to compress 90-degree connectors into the tool cavity.

Using the Omniseal™ Pro XL 30-793 compression tool:

1) Strip coax cable to standard $\frac{1}{4}$ " x $\frac{1}{4}$ " preparation. (45-605 PrepPRO™ stripper recommended)

2) Insert prepped cable into connector until shielding is fully visible in the clear InSite™ window.

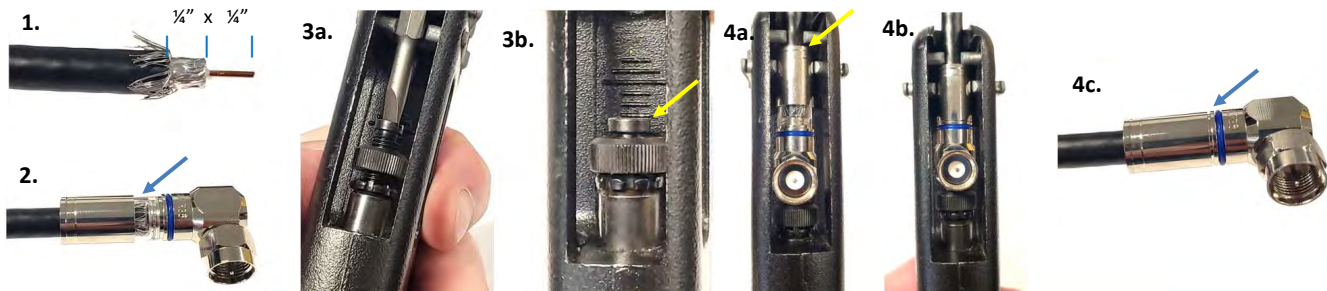
3) **Tool Adjustment:** For the 30-793: 3a) Loosen the locknut on the post by using a flathead screwdriver on the top of the post and turning it counter-clockwise. Use the screwdriver to lower the post into the base of the compression tool. Keep a finger on the locknut to keep it in place while lowering the post so it does lock during adjustment.

There are guide mark lines on the inner wall of the tool. 3b) With the handle in the **CLOSED** position, the post should be lowered so that the top tip of the post is flush with the very bottom/last guide mark line. The round spin knob should be lowered below the top of the post tip.

Verify the tool is adjusted properly by placing an unterminated right-angle connector into the compression tool. The post tip should fit into the bottom circular metal recess of the connector and the cable entry position of the connector should fit just under the top level of clips on the 30-793 tool. If it is too low or too high, adjust until the connector fits snug.

4a) Place the connector and cable assembly into the compression tool. Squeeze the handle closed. 4b) The connector will compress and the 4c) clear window area will no longer be visible when a full compression cycle has been completed.

To readjust the 30-793 compression tool to the default setting, with the handle in the **CLOSED** position, raise the post with a screwdriver until the top of the post is flush with the center (longest) line on the guide marks.



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Using the Linear X3 33-632 compression tool:

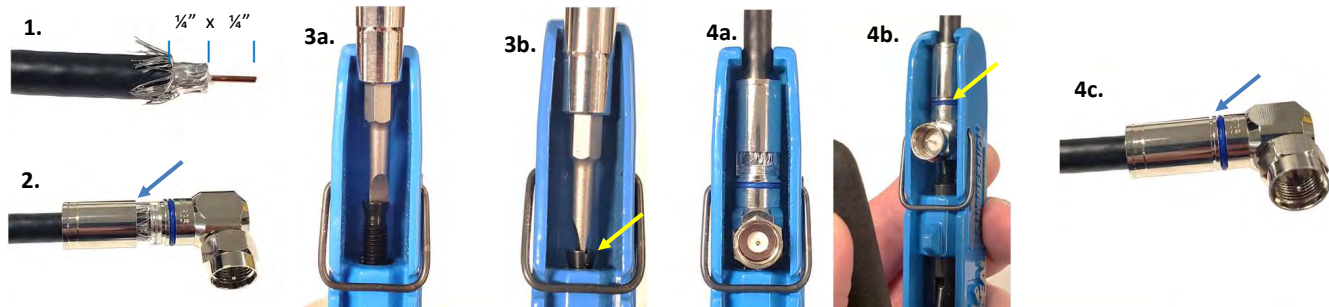
- 1) Strip coax cable to standard $\frac{1}{4}$ " x $\frac{1}{4}$ " preparation. (45-605 PrepPRO™ stripper recommended)
- 2) Insert prepped cable into connector until shielding is fully visible in the clear InSite™ window.

3) Tool Adjustment: For the 33-632 Linear X3 with the handle in the **OPEN** position, 3a) lower the adjustable post by using a flathead screwdriver until just the 3b) top funnel shaped portion of the adjustable post is visible at the base of the body compression area.

Verify the tool is adjusted properly by placing an unterminated right-angle connector into the compression tool. The post tip should fit into the bottom circular metal recess of the connector and the cable entry position of the connector should fit just under the top ridge in the 33-632 tool. If it is too low or too high, adjust until the connector fits.

4a) Place the connector and cable assembly into the compression tool. 4b) Squeeze the handle, it will only close about $\frac{1}{2}$ way. The connector will be fully compressed 4c) when the clear window area is no longer be visible. Do not try to close the handle all the way, it may damage the connector.

To readjust the 33-632 compression tool to the default setting, with the handle in the **OPEN** position, raise the post with a screwdriver until the top of the post is flush with the letter "I" in the embossed "Compression" on the side of the tool. This will leave about $\frac{1}{2}$ " of the post visible in the tool when the handle is open.



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