

Application Note: Polarity Reversal LC Unibody – Premium Plus Connectors

APPLICATION

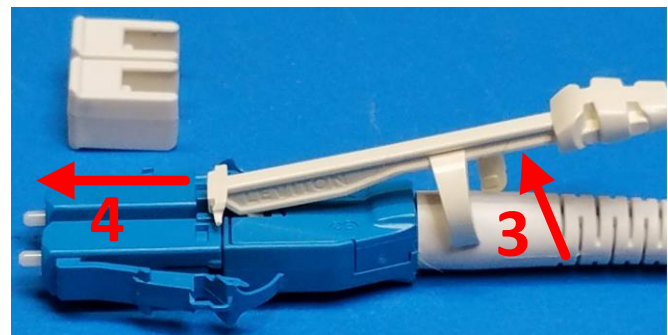
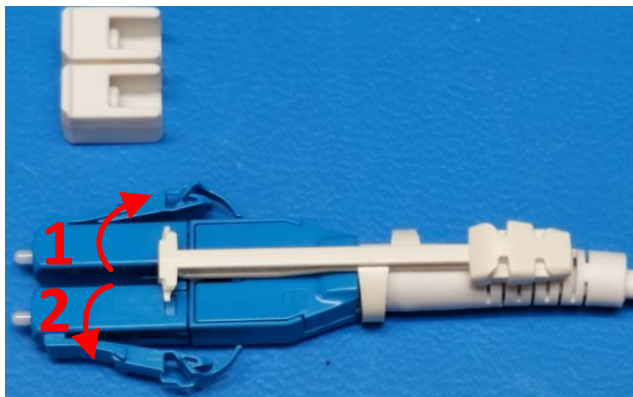
Leviton's Pre-Terminated Trunks and Harnesses with pull release handles support both A/A polarity and A/B polarity methods. When users encounter equipment requiring polarity opposite of the polarity ordered they need to reconfigure the connector in the field. This application note applies to changing or reversing polarity on Leviton's Pre-Terminated Trunks and Harnesses. See the online configurator at www.levitom.com/mtc for further information.

LC CONNECTOR POLARITY REVERSAL PROCESS

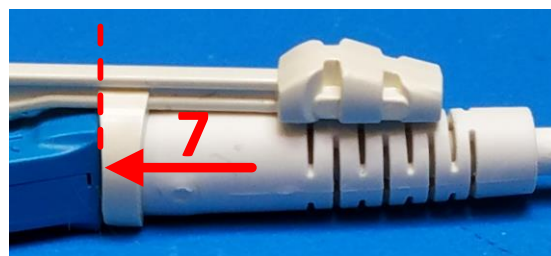
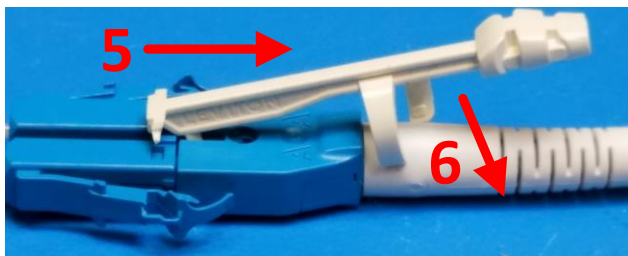
Holding the duplex connector with the ferrules facing away from you;



1. Remove the protective cap and rotate the front half of left connector counter-clockwise 90°
2. Rotate the front half of right connector clockwise 90°
3. Lift the Puller upward to clear the Connector Boot.
4. Move the Puller forward until clear of the Connector Assembly and remove.



5. Turn the connector assembly over and insert the puller tab into the groove between the connectors.
6. Slide the Puller towards the Boot and press the Puller Arms around the Boot.
7. Slide the puller forward until the Puller Arms press up against the Connector Assembly.



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Date:

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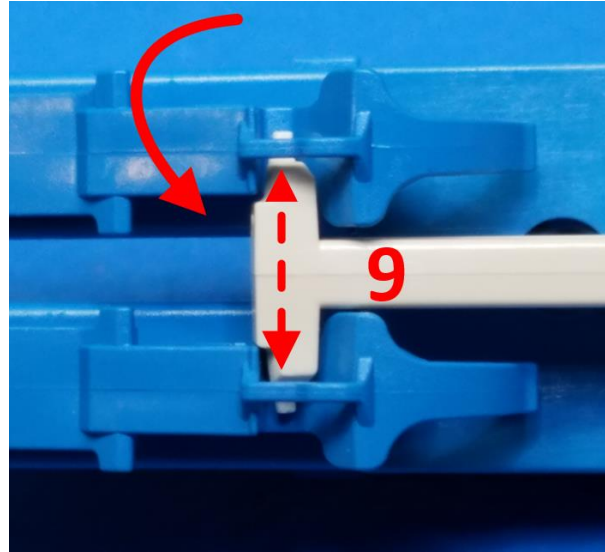
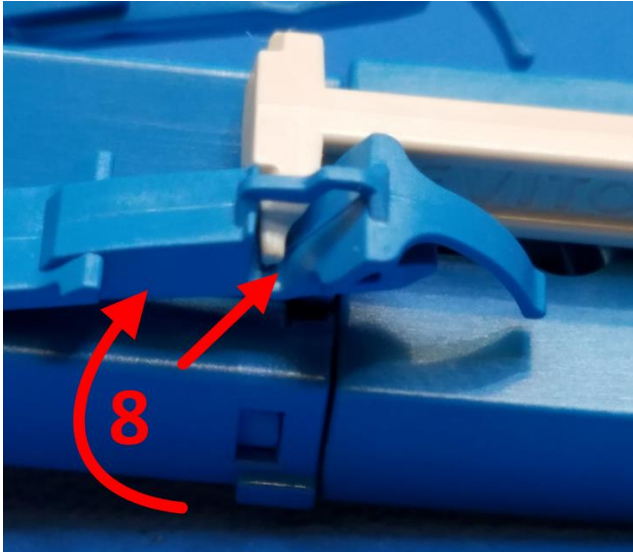
Product Line:

Fiber Optics

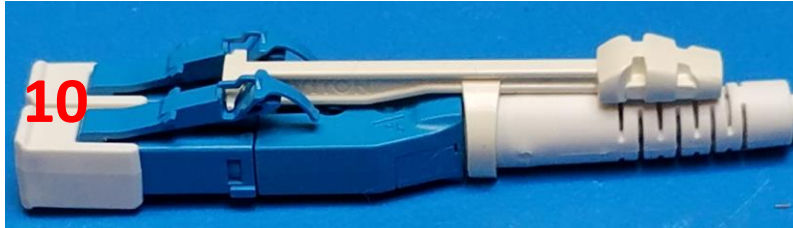
Part Numbers Affected:

Pre-terminated Trunks
and Harnesses using
LC Uniboot connectors
with release puller

8. Rotate the front half of left connector clockwise 90°, making sure that the puller horn is under the latch roll bar and correctly interfaced with the connector latch.
9. Rotate the front half of right connector counter-clockwise 90°, making sure that both puller horns are under the latch roll bars and correctly interfaced with each connector latch.

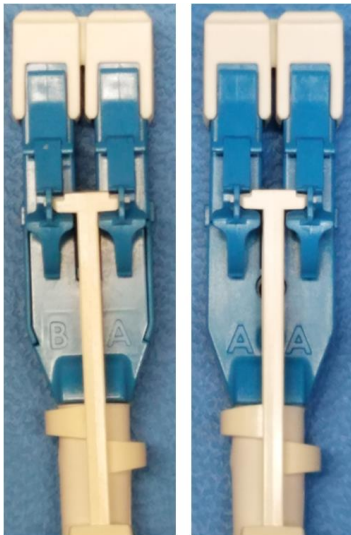


10. Replace the protective cap.



SUMMARY

Reversing polarity with Leviton Premium Plus connectors is fast and easy. Alpha characters clearly identify which polarity is being used at each end of the cable assembly.



Visit us at www.leviton.com for further information.

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