

TO: All  
FROM: Darik Chandler  
DATE: 2 June 2020  
PRODUCT: X2 Controller  
SUBJECT: Proper Common Wire Installation

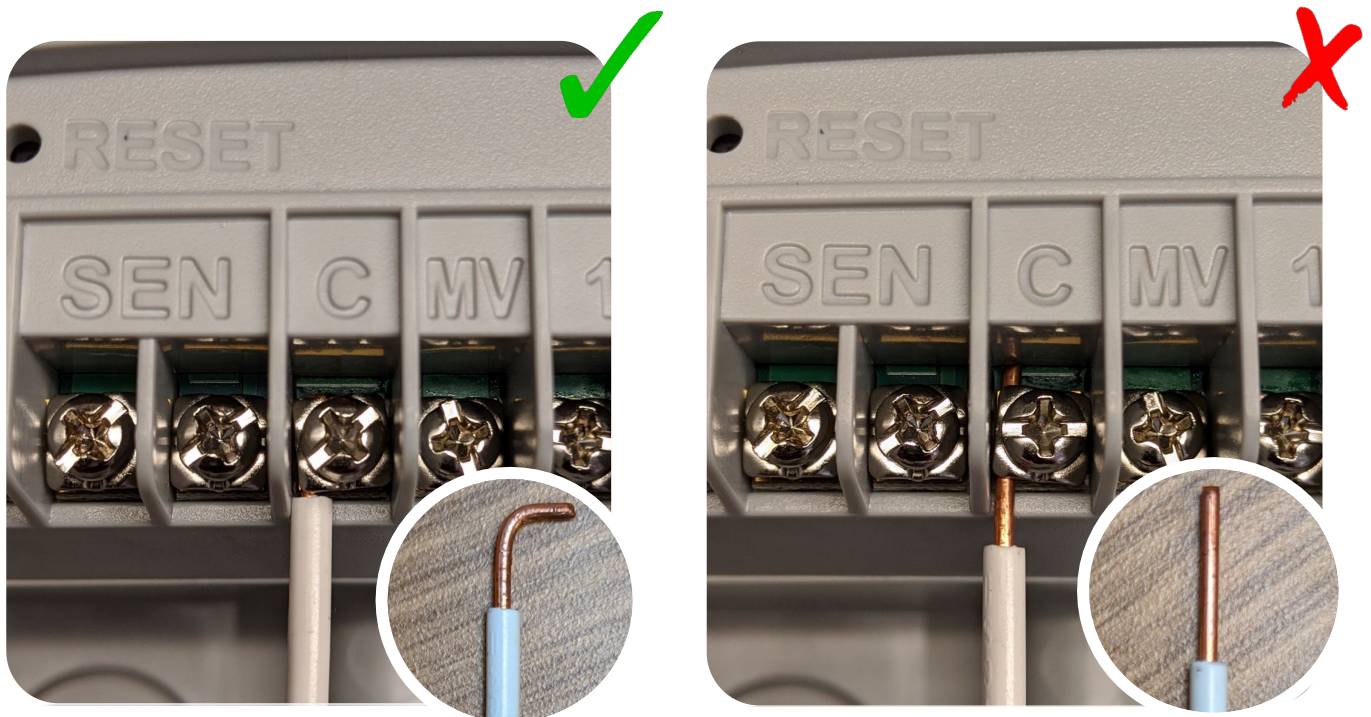
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TECHNICAL INFO ON PRODUCTS AND SERVICES

**BACKGROUND** | X2 is Hunter Industries' latest entry-level smart-capable controller suitable for sites requiring 14 stations or fewer. During installation, it is possible to insert the common wire past the top of the screw terminal plastic, allowing the tip of the copper wire to scrape the circuit board leading to electrical damage.

As a best practice, this informative Tech Tip shares a recommended wiring technique to ensure proper common installation for reliable and dependable system performance for years to come.

**ANALYSIS** | When adding common wires to the common terminals on X2 controllers, bend the tip to a 90-degree angle before securing to the common screw. This practice prevents the straight-style copper wire from touching the circuit board.



**CONCLUSION** | When installing common wires with X2 controllers, bend the wire to a 90-degree angle and then secure. Be sure to repeat this practice if utilizing the second common terminal featured with the 14-station X2 model. A preventative barrier will be added in future production to prevent the possibility of this occurring.