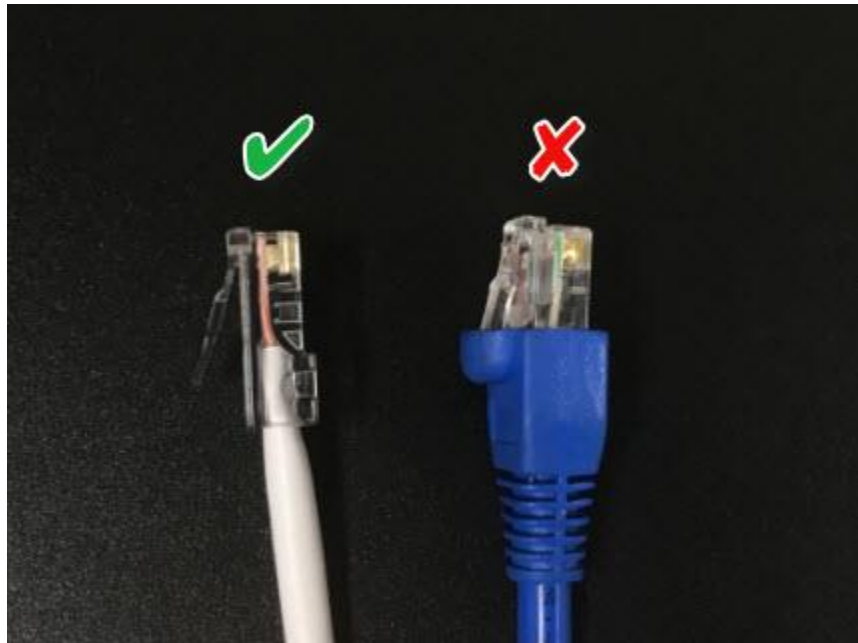![MagTarget logo]

KRONOS Enclosures do not support off-the-shelf RJ-45 connectors that have a rubber strain relief after the connector. The cable must be terminated with a standard RJ-45 plug.

The instructions below show how a cable with molded strain relief can be upgraded to a standard RJ-45 connector.
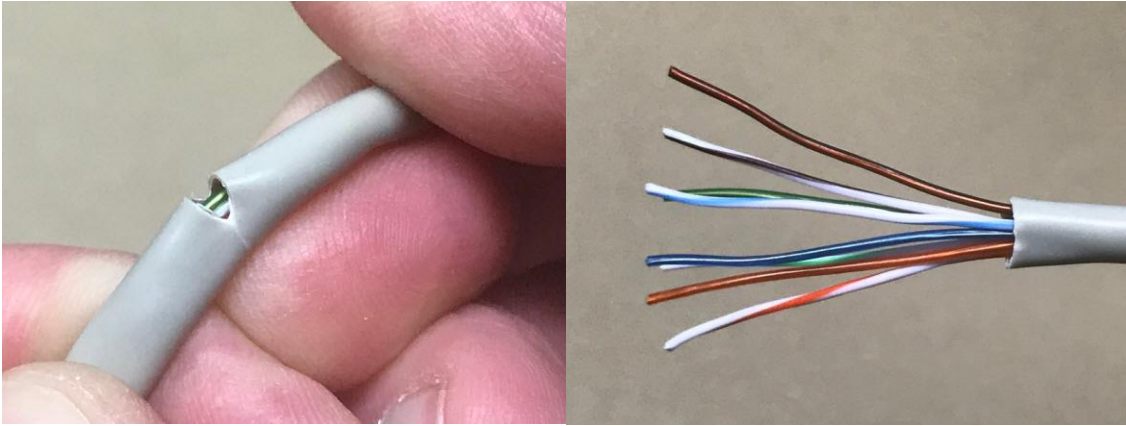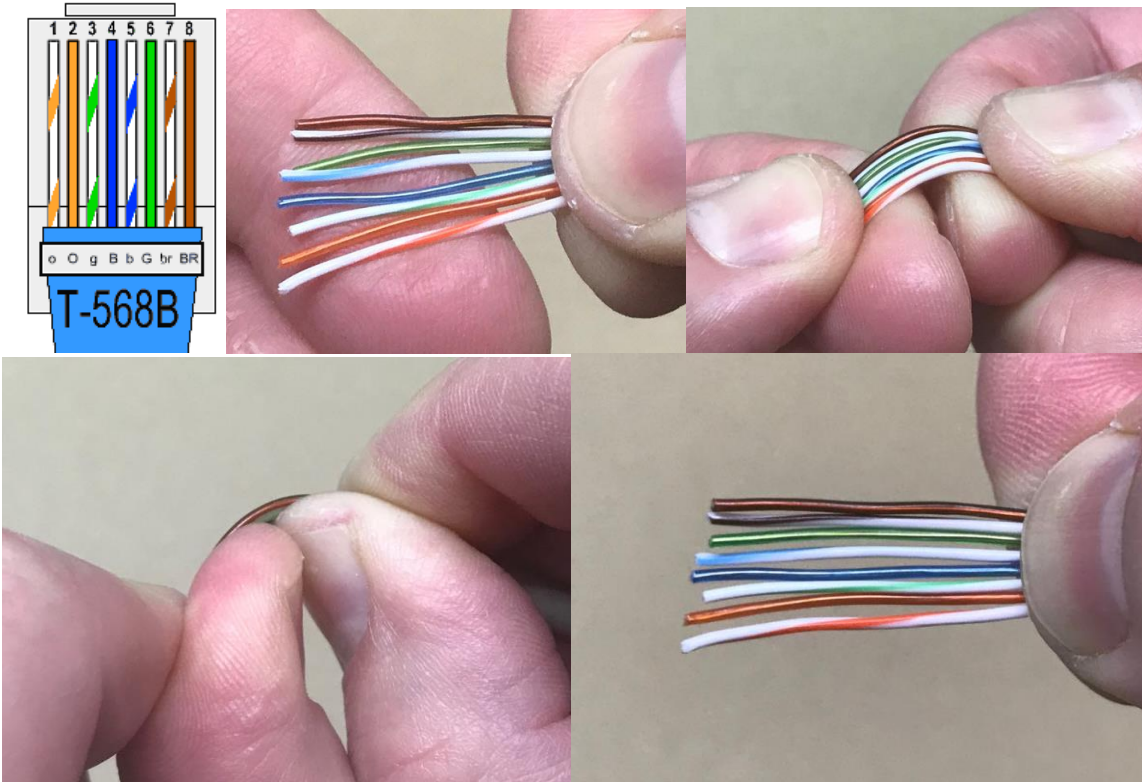
1. Cut the original plug

2. Using the strip blade of an Ethernet crimp/cut/strip tool remove roughly 1 inch (30 mm) of the protective sleeve
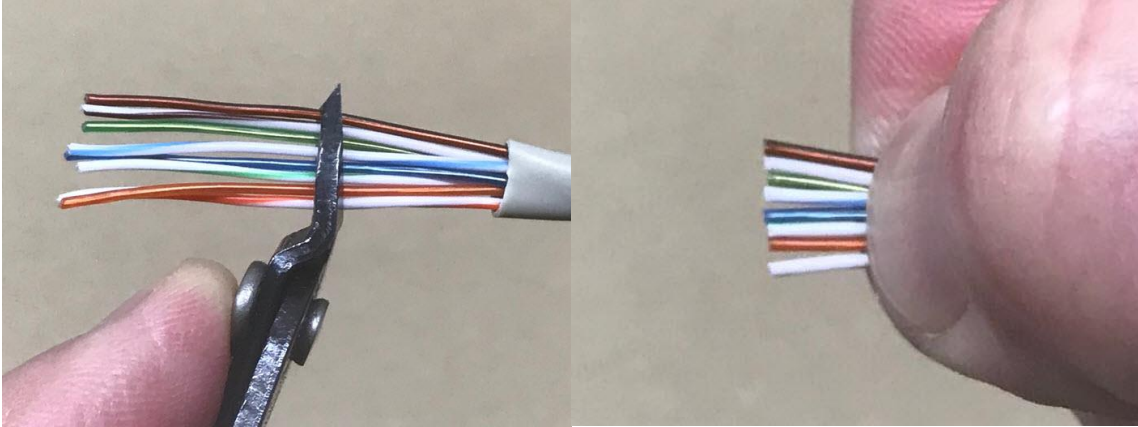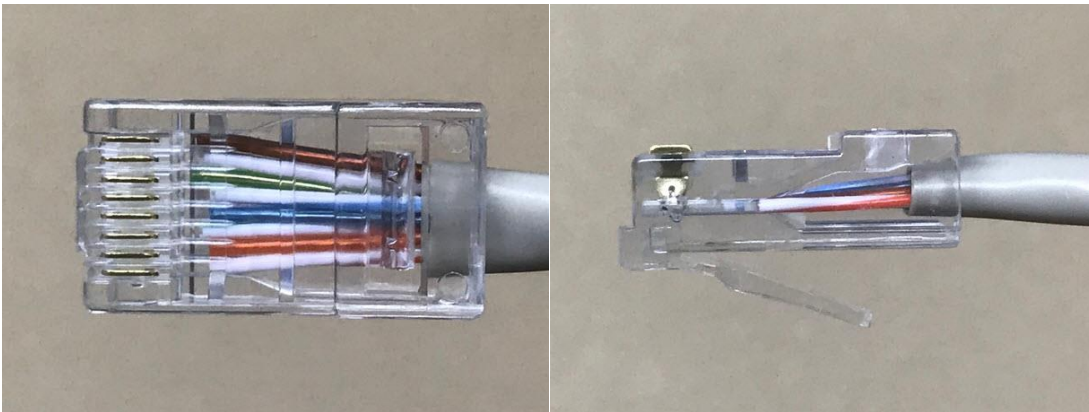
3. Remove the sleeve and untangle the individual wires

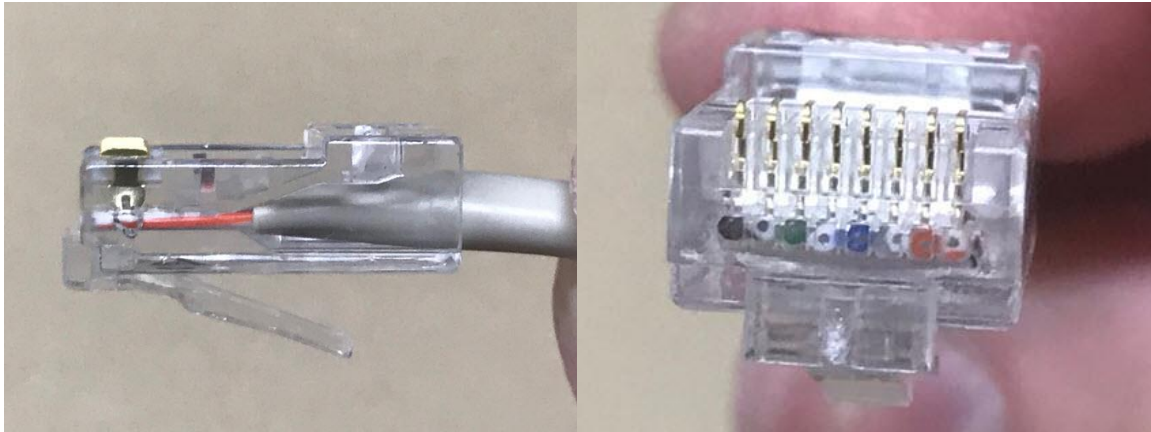**4. Arrange the wire according to T-568B. Bending the wires helps keep them straight**

5. Cut the wires straight, leaving roughly ½" (10 mm) of exposed wires

6. Slide wires into RJ-45 plug and confirm the wire order still match T-568B
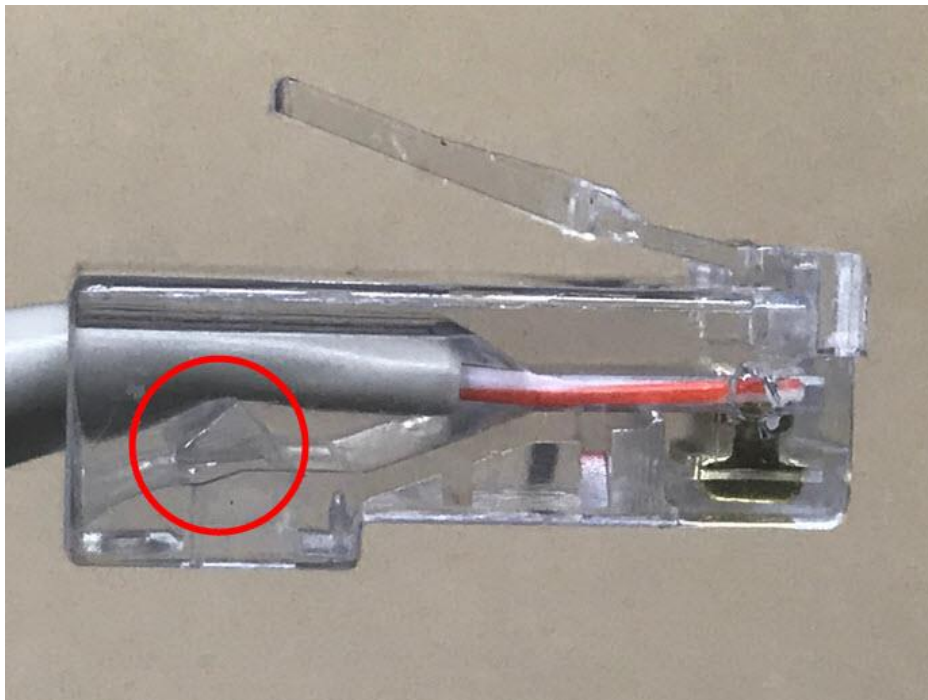
7. **Push wires until they reach the end of the plug. This can be confirmed by looking through the clear side and end of the Rj-45 plug**

8. **Using the 8-position crimp end of the Ethernet crimp/cut/strip tool, crimp the plug**

9. The connector lock should be pressing on the sleeve (not bare wires)

10. A cable-tester can be used to validate the cable was terminated properly

Reference material

Below are Amazon links to purchase items used in this tutorial

[Belkin RJ45 Modular Connector Kit for 10BT Patch Cables (50 Pack)](#)

[TRENDnet 8P/RJ-45 and 6P/RJ-12, RJ-11 Crimp, Cut, and Strip Tool, TC-CT68](#)

[Cable Tester, VDV Scout Pro 2 Traces and Tests Coax, Data, Telephone Cable with Remotes Klein Tools VDV501-823](#)

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