Using the Punch & Go Tool

1. ITEMS NEEDED

Legrand Products:

363292-01   - Cat 5 Strip and Fit Tool

AC3400   - Punch & Go Tool

WP3475-WH - Cat 5 Quick Connect RJ45 Keystone Connector

TOOLS & ADDITIONAL SUPPLIES:

• Wire Cutter

• Continuity Tester

• Cat 5 Cable

• RJ45 Jumper Cable

2. INTRODUCTION

A structured wiring foundation is the most effective way to distribute information throughout a home. It supports high-performance technology through clutter-free cabling hidden behind the walls. To ensure more efficient installation, run a single home run to a central distribution point and bundle cables for access to multiple services.

There are several fundamentals to remember when working with Cat 5:

• On-Q products utilize the T568A wiring standard

• Never splice Cat 5 cable

• Always maintain a 12-inch minimum separation between the Cat 5 and any 120 Volt AC cabling. If you must cross and electrical circuit, do so at a 90 degree angle

• Always maintain a minimum bend radius of 1 inch.

• Never exceed the 25 pound pull limit. Doing so may pull the twists out of the wire, which is what gives Cat 5 its immunity from interference. For the same reason, you shouldn't stand on the wire or use any retention devices that flatten out the wire.

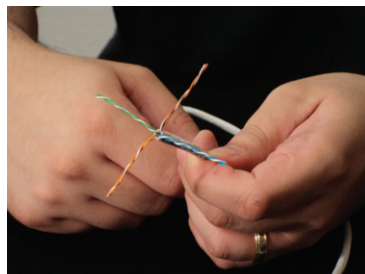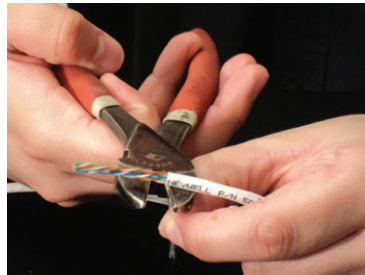## 3. HOW TO STEP-BY-STEP

STEP 1
Use the Strip and Fit tool to cut off approximately two inches of the jacket.
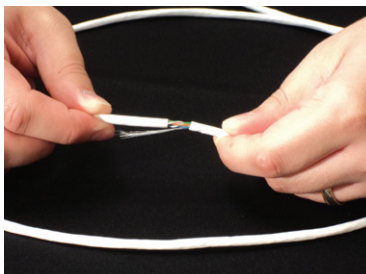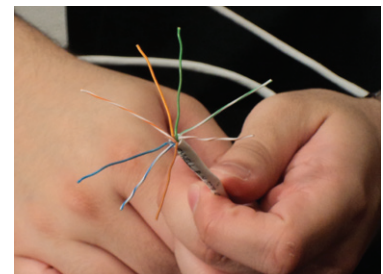

STEP 2
Cut the wire separator strands, separate the pairs and untwist them.

STEP 3
Now fan them out in the T568A pattern.
    White/Green
    Green
    White/Orange
    Blue
    White/Blue
    Orange
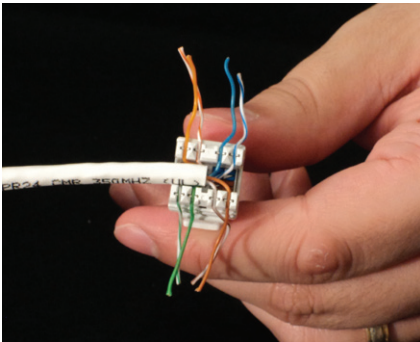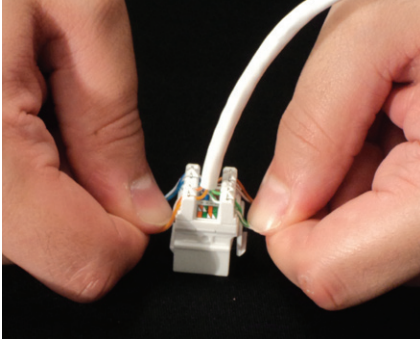   White/Brown
    Brown

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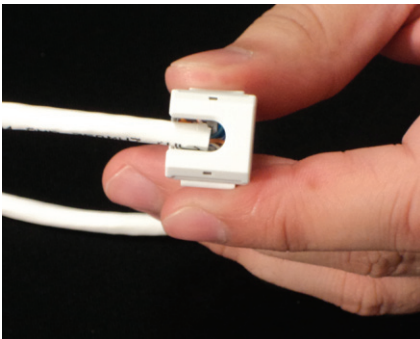# Using the Punch & Go Tool

3. HOW TO STEP-BY-STEP CONT.

STEP 4

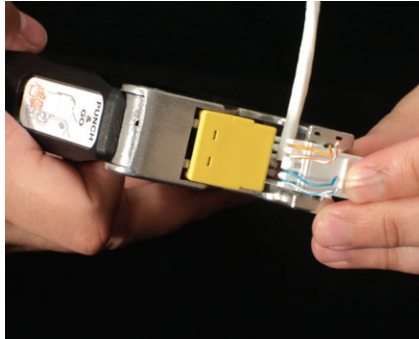Place the fanned wires into the appropriate color coded terminals and press until fixed.

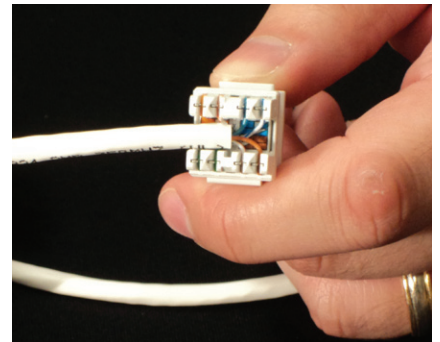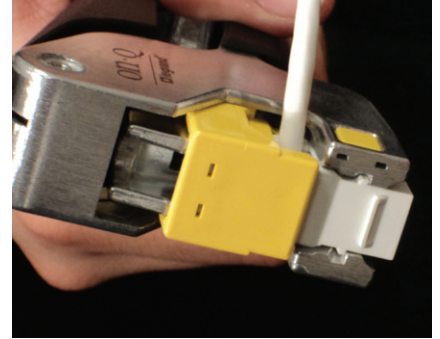**STEP 5**

Insert the connector using the guide rails on either side of the Punch & Go tool and the connector.

STEP 6

Firmly compress the handle of the Punch & Go tool to terminate and cut excess wire.

STEP 7

Place the cap on the back of the connector and press to make sure it is fully seated.

STEP 8

We recommend that you always test for continuity. After placing your completed connector into the wall, plug a short RJ45 jumper cable into the connector. Plug the other end of the jumper cable into the tester.

STEP 9

Place the other tester at the end of the connector cable (at the enclosure) and look for the green light.

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