

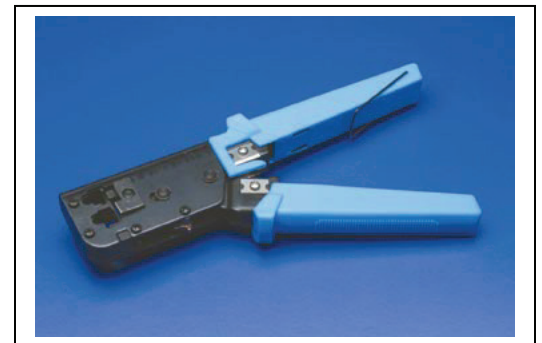
### 1. INTRODUCTION

The Legrand EZ-RJ® Connector (P/N 364554-01 for Cat 5e and AC2006 for Cat 6) simplifies twisted pair terminations by allowing the wires to be inserted through the connector and out the front. This allows the technician to easily verify the proper wiring order. Electrical performance of the termination is optimized by pulling the connector down over the cable jacket and seating it tightly in the rear of the connector. EZ-RJ® Connectors are for use in Category 3, 5, 5e and 6 compliant data networks. These connectors are compatible with the Legrand EZ-RJ® Hand Tool, P/N 364555-01.



**EZ-RJ® Connector**  
 (P/N 364554-01 for Cat 5e and AC2006 for Cat 6)

The EZ-RJ® Hand Tool (P/N 364555-01) is designed to quickly crimp and cut the wires for the EZ-RJ® Connectors in one easy and simple operation. This hand tool will also work on most other RJ-11, RJ-12 and RJ-45 connectors.



**EZ-RJ® Hand Tool**  
 (P/N 364555-01)

### 2. INSTALLATION

#### A. Cable Preparation

1. Strip off approximately two (2) inches of outer jacket. Use the Legrand Cat 5 Cable Stripper, P/N 363292-01, or equivalent to ensure pair wire is not nicked or cut.
2. Straighten and align pair wires per TIA 568A.
3. Trim string or plastic shield (Cat 6) and trim wires as a flat group at a slight angle.

#### B. Assembly

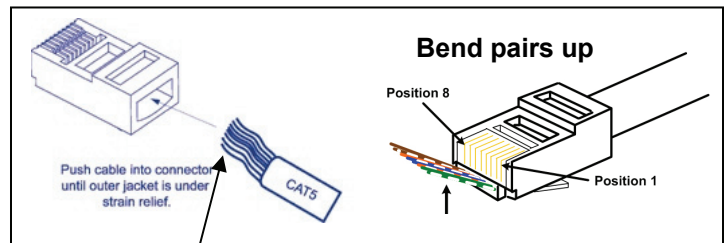
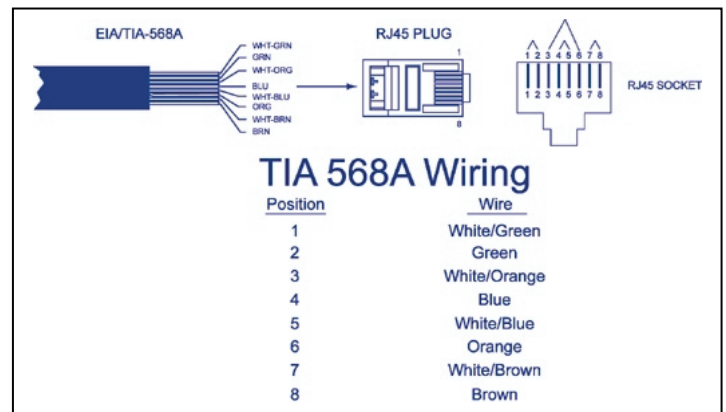
1. Insert wires into the EZ-RJ® Connector.
2. Pull tight to ensure jacket is about 1/4 to 5/16 of an inch into the connector.
3. Verify wire locations and orientation.

#### C. Termination

1. Insert EZ-RJ® Connector into the hand tool. Verify connector is completely seated and cable is fully inserted. Then bend the wires that are sticking out the end of the connector up towards the blade to insure a clean cut.
2. Squeeze handle to crimp.
3. Remove excess wires.

#### D. Inspect Termination

1. Check jacket strain relief.
2. Check contacts are all engaged.
3. Check contact dividers are not damaged.
4. If both ends of cable have been terminated, perform continuity test.



**Cut pairs at a slight angle**



### 3. MAINTENANCE

#### A. Blade Dulling

1. As the tool's blade, used to cut off the excess wire as part of the crimping operation, becomes dull from use, it tends to flex around the wire and makes an angular cut, rather than a straight cut (see diagrams at right). This leaves excess conductor sticking out, and may cause the plug not to seat properly in an RJ-45 jack.
2. If this situation is starting to occur with your EZ-RJ® Hand Tool, there is one temporary and one more permanent solution. Until you are able to order and receive replacement blades (the more permanent solution), you may enhance the cutting performance of the tool by simply bending the leads, that stick out of the plug, up (toward the blade) at a 45-degree angle. This allows the blade to dig in to the conductor resulting in a straighter cut (see diagrams at right).

#### B. Blade Replacement

1. The part number for EZ-RJ® replacement blade is 364646-01. Two replacement blades and a Phillips screw that is used to retain the blade in the EZ-RJ45 tool are provided.

