Manual Wire Stripper

molex

Application Tooling Specification Sheet

Order No. 64016-0040

FEATURES

- Spring-loaded handle opens easily
- Small handle spread – ideal for all users
- Compact and portable, only 7.5" long
- AWG and metric wire size marked on tool
- For crimps conforming to industry standards please use the 63817-000 Premium Grade™ OEM Hand Tool for the Molex terminal

	WARNING **Do not strip live circuits!** Danger of electric shock.
	Wear safety glasses to avoid eye injury

DESCRIPTION:

This ServiceGrade Wire Stripper is made for low-volume field repairs. It is designed to strip 10-22 AWG (5.00-0.30mm^2) wires.

OPERATION

Follow the steps below for stripping the wire or cable.

WARNING: Make sure that the wire is ***DISCONNECTED*** from any power supply

CAUTION: Sharp edges; always keep hands and fingers out of the stripping area!

Make sure work area is clean and dry and wear approved eye protection.

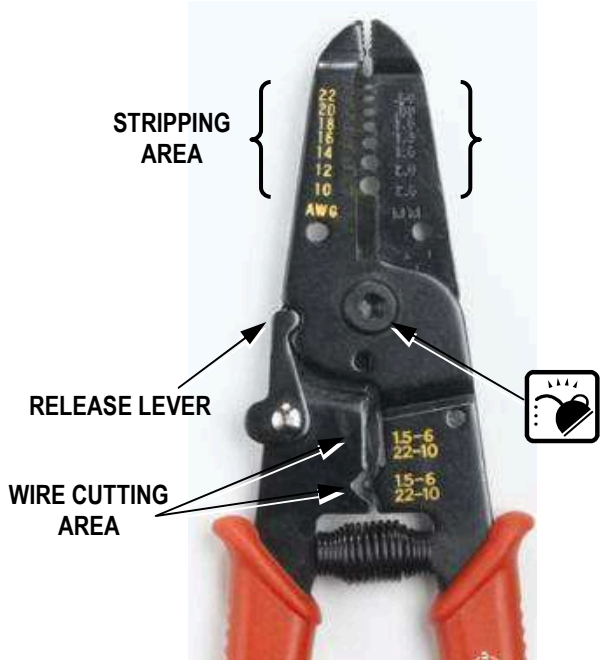

Figure 1

1. Open the tool by pivoting the release lever away from the tool and the handles will spring open.
2. Select the proper wire gauge and the strip length for application.
3. Place the wire in proper stripping hole with the desired strip length
4. Squeeze the handles, and pull the insulation off of the end of the wire.

Wire Cutting Function

1. Place the wire in the opening of the cutter.
2. Squeeze the tool handles together to cut the wire.

WARNING: For Cutting Copper Wire Only. Do not use this tool to cut steel wire or hardened objects.

Maintenance

It is recommended that each operator of the tool be made aware of, and responsible for, the following maintenance steps:

1. Remove dust, moisture, and other contaminants with a clean brush, or soft, lint free cloth.
2. Do not use any abrasive materials that could damage the tool.
3. Make certain all pins; pivot points and bearing surfaces are protected with a thin coat of high quality machine oil. Do not oil excessively. Light oil (such as SAE30W oil) applied at the oil points, shown in Figure 1, every 5,000 crimps or 3 months, is recommended.
4. When tool is not in use, keep the handles closed to prevent cutting edges from being damaged, and store the tool in a clean, dry area.

Warranty

This tool is for stripping electrical cable only. All tools are warranted to be free of manufacturing defects for a period of 30 days. Should such a defect occur, the tool will be exchanged free of charge. This exchange will not be applicable to altered, misused, or damaged tools. This tool is designed for hand use only. Any alteration to the tool voids this warranty.

CAUTION: Molex crimp specifications are valid only when used with Molex terminals and tooling.

CAUTIONS:

1. Manually powered hand tools are intended for low volume or field repair. This tool is **NOT** intended for production use. Repetitive use of this tool should be avoided.
2. Insulated rubber handles are not protection against electrical shock. **NEVER** perform crimps on active electrical circuits.
3. Wear eye protection at all times.
4. Use only the Molex terminals specified for crimping with this tool.

Certification

Molex does not certify or re-certify ServiceGrade™ hand tools but rather supplies the following guidelines for customers to maintain their hand tools.

- This tool is qualified to pull force only. To re-certify, crimp a terminal to a wire, which has been stripped 12.7mm (1/2") long, so there is no crimping of the insulation. Pull the terminal and wire at a rate no faster than 25mm (1.00") per minute. See the Molex web site for the Quality Crimp Handbook for more information on pull testing.
- When the hand tool is no longer capable of achieving minimum pull force, it should be replaced.

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