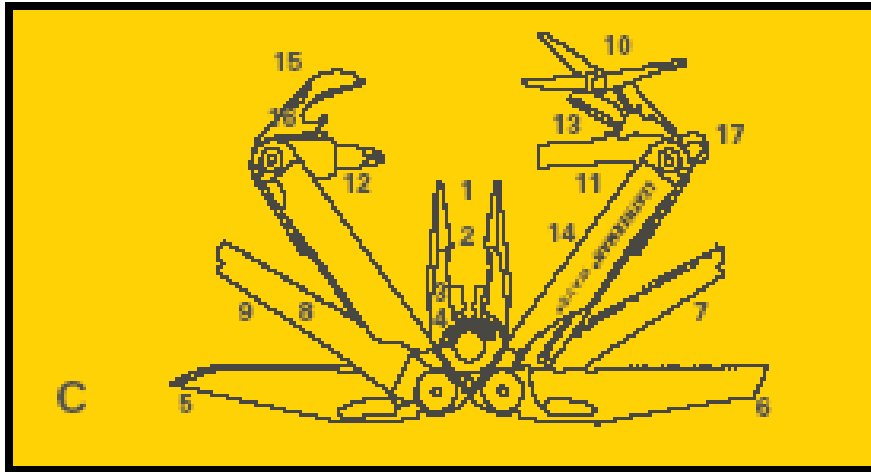


# *LEATHERMAN* Wave





Charge® Ti ■ Charge® XTi ■ Wave®

## USER'S GUIDE

### SAFETY CONSIDERATIONS AND FEATURES

As with most tools and pocket knives, several blades have sharp edges or points. Be extremely careful not to cut or pinch yourself with blades or handles when opening, closing or using your multi-tool. This User's Guide covers the Charge Ti, Charge XTi and Wave models. Features are listed below.

#### Charge Ti (see Drawing A):

- |                        |                          |
|------------------------|--------------------------|
| 1. Needlenose Pliers   | 10. Scissors             |
| 2. Regular Pliers      | 11. Large Screwdriver    |
| 3. Wire Cutters        | 12. Large Bit Driver     |
| 4. Hard-Wire Cutters   | 13. Small Bit Driver     |
| 5. Clip-Point Knife    | 14. Ruler (8 Inch/19 cm) |
| 6. Serrated Knife      | 15. Bottle/Can Opener    |
| 7. Saw                 | 16. Wire Stripper        |
| 8. Wood/Metal File     | 17. Lanyard Ring         |
| 9. Diamond-Coated File |                          |

#### Charge XTi (see Drawing B):

- |                      |                           |
|----------------------|---------------------------|
| 1. Needlenose Pliers | 10. Wood/Metal File       |
| 2. Regular Pliers    | 11. Diamond-Coated File   |
| 3. Wire Cutters      | 12. Large Bit Drivers [2] |
| 4. Hard-Wire Cutters | 13. Small Bit Driver      |
| 5. Crimper           | 14. Ruler (8 Inch/19 cm)  |
| 6. Clip-Point Knife  | 15. Bottle/Can Opener     |
| 7. Serrated Knife    | 16. Wire Stripper         |
| 8. Cutting Hook      | 17. Lanyard Ring          |
| 9. Saw               |                           |

#### Wave (see Drawing C):

- |                        |                          |
|------------------------|--------------------------|
| 1. Needlenose Pliers   | 10. Scissors             |
| 2. Regular Pliers      | 11. Large Screwdriver    |
| 3. Wire Cutters        | 12. Large Bit Driver     |
| 4. Hard-Wire Cutters   | 13. Small Bit Driver     |
| 5. Clip-Point Knife    | 14. Ruler (8 Inch/19 cm) |
| 6. Serrated Knife      | 15. Bottle/Can Opener    |
| 7. Saw                 | 16. Wire Stripper        |
| 8. Wood/Metal File     | 17. Lanyard Ring         |
| 9. Diamond-Coated File |                          |

### OPENING & CLOSING EXTERIOR BLADES

The Charge and Wave models have four blades that can be accessed while the tool is closed. (Note: the knife blade can only be opened when the tool is closed.) Open the knife blades with one hand by placing your thumb in the thumbhole at the base of the blade and rotating until the knife is fully extended, securely engaging the locking mechanism (use caution to avoid injury). The saw and file have nail nicks at their tips for blade access. (Drawings D & E)

The locking mechanism is marked with a padlock symbol on your tool. To unlock blades, press the locking mechanism in toward the handle until the blade can easily slide past the lock. Use caution and close blades carefully to avoid injury.

### OPENING & CLOSING INTERIOR BLADES

Access interior features by gripping the handles and rotating them open. Each interior blade can be opened by using the nail nicks. Rotate each blade out completely, securely engaging the locking mechanism. Access the scissors in the Charge Ti and Wave models by first using the nail nick to pull them out.

Then rotate the handle until the scissors are formed. When the scissors are fully extended, they will lock into place. (Drawing F)

Release each interior blade by pressing the grooved portion of the lock (located on the back of the handle) and carefully rotating the blade back into the tool. For the Charge Ti and Wave scissors, rotate the scissors handle until the cutting edges are in line, press the lock, and carefully fold the blade into the tool.

### CHANGING TOOL BITS

Remove the tool bit from the bit driver by pulling the bit straight out from the bit driver. To replace the tool bit, press it firmly into the bit driver until the bit driver's spring engages the groove on the side of the tool bit.

### ACCESSING THE LANYARD RING

Open the saw blade and place a small sturdy object, such as a key, behind the end of the lanyard ring. Slide the lanyard ring straight out from the handle.



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### USING THE WIRE CUTTERS

The regular and hard-wire cutters are located in the plier jaws. The hard-wire cutter is the small notch at the base of the wire cutting area. The regular wire cutters should be used for softer grades of wire only. To prevent damage, hardened wire such as fish hooks should be cut with the hard-wire cutters only. (Drawing G)

### POCKET CLIP & LANYARD RING ACCESSORIES

The Charge models are sold with a removable pocket clip and quick-release lanyard ring. These accessories also fit the new Wave model, but are sold separately.

Attach the pocket clip by locating the open slot around the rivet closest to the outside file and grooved lock. While pressing the lock, slide the large notch on the pocket clip (opposite from the longer clip portion) into the handle until it clicks. Let go of the lock to secure the pocket clip in place. Remove the pocket clip by pressing the lock and pulling the pocket clip out from the handle.

The lanyard ring is also notched and fits into the same slot, using the above instructions. The removable pocket clip and quick-release lanyard ring may be used only one at a time. (Drawing H)

### BLADE SHARPENING

The Charge and Wave models feature straight and serrated knife blades. The straight knife may be sharpened using standard sharpening methods.

When sharpening the serrated knife blade, be sure to use a sharpening system designed to accommodate serrations. This will ensure that proper curvature of the serrations and the cutting effectiveness of the blade are maintained.

### MAINTENANCE

Your Leatherman multi-tools should be cleaned, dried and re-oiled periodically, especially after use in a damp environment. After cleaning, re-oil pivoting areas with a light machine or penetrating type oil.

### WARRANTY

If within 25 years from the date of purchase you find any defect in material or workmanship with your Leatherman Charge Ti, Charge XTi or Wave, return it to Leatherman Tool Group, Inc. or a local authorized repair center. For repair centers in your area contact the address shown below or visit [www.leatherman.com](http://www.leatherman.com).

When returning your tool for repair, please send it by an insured method. Leatherman cannot be responsible for items that do not reach us. At our option, we may replace your multi-tool rather than repair it; and if discontinued, replace it with a product of equal or greater value.

The warranty does not cover abuse, alteration, unauthorized or unreasonable use of your Leatherman multi-tool. This warranty does not cover sheaths, accessories or colored finishes.

Leatherman Tool Group, Inc. is not liable for incidental or consequential damages. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

This warranty also gives you specific legal rights, and you may also have other rights that may vary from jurisdiction to jurisdiction.

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