

FiberFin Instruction Sheet

Rev. 12/01/2006

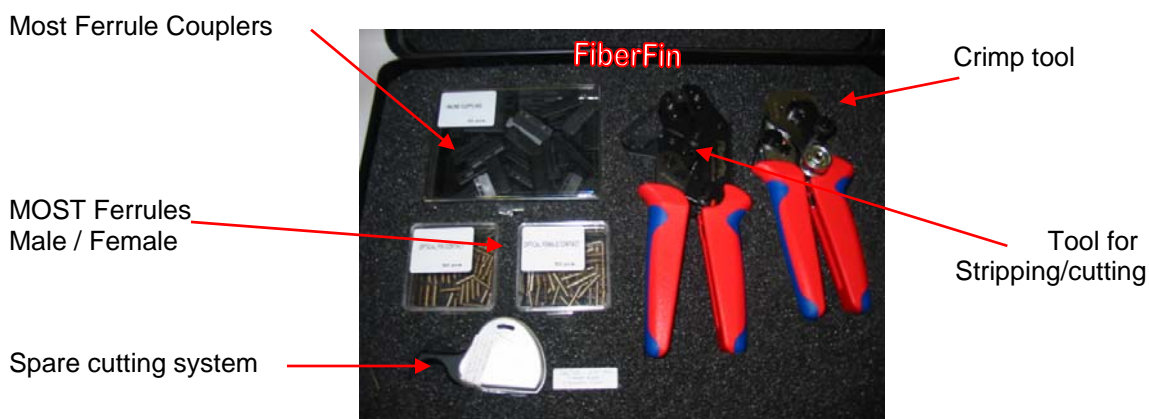
MOST Repair Kit Part.-No. FF-MOST-INSTKIT-2

Application

The repair kit consists of a hand tool for cutting and stripping POF cable Ø 2.3 mm and a crimp tool for turned male and female MOST contacts, furthermore an Allan key is enclosed for removing the set screw which secures the cutting device during transport.

Designed and manufactured pursuant to state-of-the-art technical requirements and safety standards, the tools to be used only when in order and in strict compliance with acknowledged safety rules.

The tools have only to be used for the indicated application, thus the manufacturer not being liable for damages caused by improper use or unauthorized technical modifications of the tool.



Operation sequence

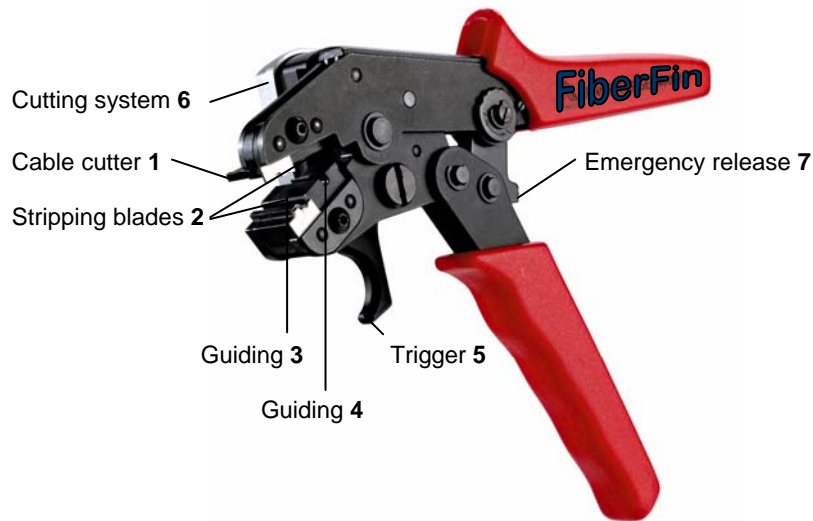
To have an optimal crimp result the user shall absolutely follow the proper use guidelines described below:

- Insert the contact into the contact accommodation (see Para. **How to crimp**)
- Strip and cut the POF cable (see Para. **Stripping and cutting**)
- to avoid fiber damage, do not lay down the cable
- lay aside the stripping/cutting tool and take the crimp tool
- insert the cable into the arrested contact and crimp
- open the crimp tool, release the contact lock and remove the crimped contact

Stripping and cutting (tool FF-MOST-2)

- cut the cable off the bunch to the required length by means of the front cable cutter **1**
- insert some 10 mm of cable into the front guiding **3**, close the handles completely, push the stripping lever upwards (only model **FF-MOST-2** !) and pull the cable out of the still closed tool
- open the tool and remove the stripped cable
- to cut the fiber to the necessary length for crimping, insert cable into the rear guiding **4** that way, the insulation adjoins the built-in insulation stop
- press the handles firmly together and withdraw the trigger **5** of the cutting system **6** with your right forefinger until it stops
- release the trigger **5**, open the tool and remove the cable

In case of misoperation the ratchet mechanism of the tool can be released by the emergency release 7.



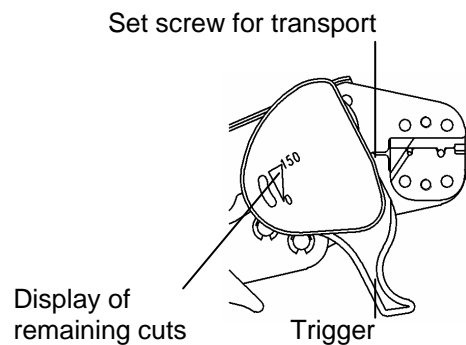
Safety device



Before using the tool for the first time please remove the set screw which secures the cutting system during transport by means of the enclosed Allan key !!! (See fixed label)

Cutting system

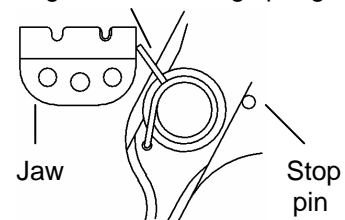
The cutting system is available as spare part and simply Replaceable. It consists of a feed gear mechanism, a display, Circular blade and trigger. The feed gear mechanism causes the circular blade to rotate by 12° after each cut, thus an even wear of blade is guaranteed. After a defined number of 1269 cuts the cutting system is blocked and needs to be replaced. A display indicates the last 150 cuts before the blade is locked.



Assembly of cutting system

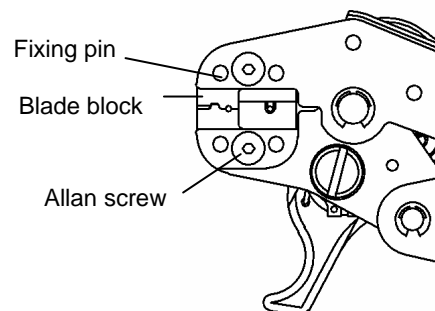
Assembling and disassembling of cutting system is done by means of the retaining screw. By loosening that screw, the cutting system can be laterally drawn off. Please note when attaching the new cutting system, the straight end of the restoring spring has to be positioned behind the jaws of the tools and the cutting system is adjacent to the stop pin, before tightening the retaining screw again. Finally, please remove the set screw which secures the cutting system during transport.

straight end restoring spring



Replacement of blades

To replace the blade block (cable cutter 1 and stripping blades 2). The Allan screw has to be loosened and the fixing pins in the upper and lower jaws need to be removed. Assembly and disassembly of blades shall be managed only by authorized technical staff to ensure the high-precision functioning of tool.



How to crimp (tool FF-MOSTCMP-1)

- open the tool
- relocate the spring mounted contact lock **1** to the right by lifting and turning its grip element
- insert male or female contact into the contact accommodation **2**
- relocate the contact lock back onto the inserted contact for guaranteed optimal positioning and fixing in the locator **3**
- insert stripped cable into the fixed contact and press it slightly against the spring stop of the contact accommodation
- close the handles completely until the tool automatically releases
- remove the crimped contact



Contact accommodation 2



insertion and positioning of contact



Removal of crimped contact

Adjustment of crimp tool

Crimp force and crimp depth adjustment is done by the manufacturer. Readjustment is not necessary.

Locator

The locator **3** is a fixed attachment of the tool. The spring stop inside, responsible for the exact positioning of the fiber, has been adjusted by the manufacturer. Unauthorized changes lead to incorrect crimping results.

Maintenance and repair

Keep the tools clean and properly stored when not in service. The joints need to be oiled regularly and the circlips securing the bolts have to be always in place.

Please use the cutting system of the stripping and cutting tool, especially the circular blade, with great care, as damages causes the tool to be unusable.

For repair please contact FiberFin @ 630-553-6924-114 or Service@fiberFin.com

Replacement of the circular blade only to be done by the manufacturer.