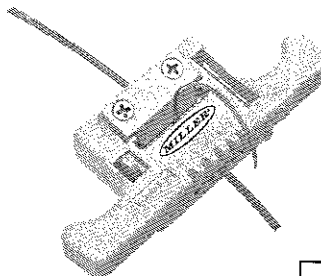


# MSAT 5

## Instruction Sheet

**Warning!** This tool should not be used on live electrical circuits. It is not protected against electrical shock! Always use OSHA/ANSI or other industry approved eye protection when using tools. This tool is not to be used for purposes other than intended. Read carefully and understand instructions before using this tool.

The MSAT 5 Mid-Span Access Tool is designed to allow easy access to the fibers in multiple buffer tube sizes, all with no adjustments or die changes. The tool is applicable to buffer tubes 1.9mm - 3.0mm in diameter.



### Operating Instructions:

1. Prepare cable for midspan access by exposing the buffer tube as needed.
2. Use the sizing channels on the top of the tool to determine which slot on the tool to use. Starting with the smallest channel (#5) find the first slot the tube fits easily and fully seats into, then use the corresponding channel for your access. (Fig.1)
3. Unhook the clasp and open the tool. Use caution to not contact the exposed blade.
4. Place the buffer tube into the correct channel as determined in Step 2. (Fig.2)
5. Close the tool completely until the clasp engages. (Fig.3)
6. With a slow, even, and steady force, glide the tool along the tube in a smooth motion. The tool will slit the tube as shown in top feature photo.
7. When you reach the end of the access point, **cut off the scrap portion of tube before opening or removing the tool.** (Fig.4). Use Miller® 9150 diagonal cutter.
8. Carefully open the tool and remove the buffer.
9. After each use, carefully and thoroughly clean the tool and store it to protect from dirt.

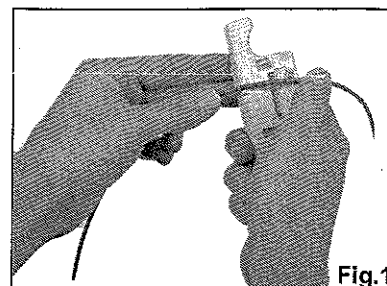


Fig.1

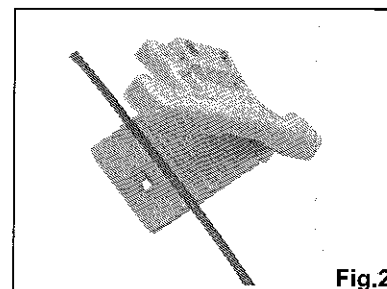


Fig.2

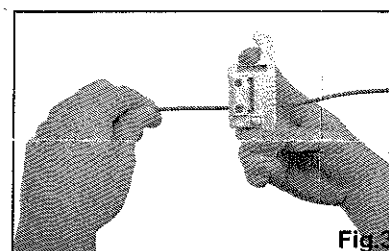


Fig.3

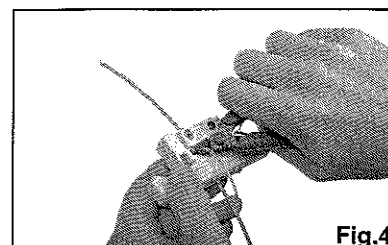


Fig.4

### Blade Replacement:

Note: Use caution when handling blades and dispose of used blades properly.

1. Carefully observe blade placement as shown in Figure 5. The front blade corners rest against the molded step in the tool body.
2. Use #2 Phillips screwdriver to remove the two screws in the blade cover.
3. Remove old blade.
4. Install new blade and locate it as shown in Fig 5. Reinstall blade cover and screws.

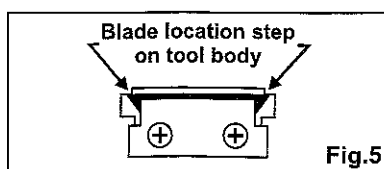


Fig.5

**WARRANTY:** RIPLEY warrants its products against defective materials and workmanship for a period of one year from date of shipment from the RIPLEY factory provided the product is utilized in accordance with instructions and specified ratings.



46 Nooks Hill Road, Cromwell, CT 06416 USA ~ Phone: 800-528-8665 ~ Int'l: (01) 860-635-2200  
Fax: (01) 860-635-3631 ~ E-mail: info@ripley-tools.com ~ Internet: www.ripley-tools.com

**MILLER®**

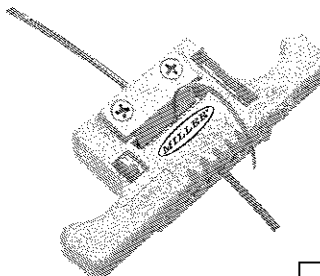
80931 rev1  
12-01-12 ff

# MSAT 5

## Instruction Sheet

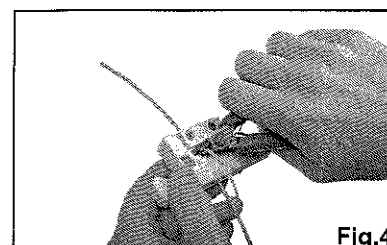
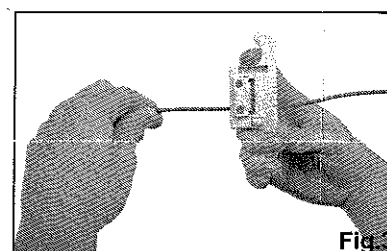
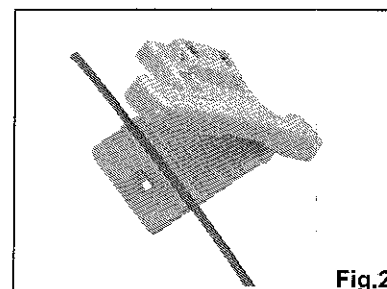
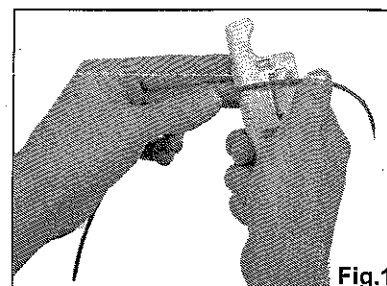
**Warning!** This tool should not be used on live electrical circuits. It is not protected against electrical shock! Always use OSHA/ANSI or other industry approved eye protection when using tools. This tool is not to be used for purposes other than intended. Read carefully and understand instructions before using this tool.

The MSAT 5 Mid-Span Access Tool is designed to allow easy access to the fibers in multiple buffer tube sizes, all with no adjustments or die changes. The tool is applicable to buffer tubes 1.9mm - 3.0mm in diameter.



### Operating Instructions:

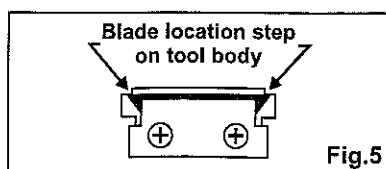
1. Prepare cable for midspan access by exposing the buffer tube as needed.
2. Use the sizing channels on the top of the tool to determine which slot on the tool to use. Starting with the smallest channel (#5) find the first slot the tube fits easily and fully seats into, then use the corresponding channel for your access. (Fig.1)
3. Unhook the clasp and open the tool. Use caution to not contact the exposed blade.
4. Place the buffer tube into the correct channel as determined in Step 2. (Fig.2)
5. Close the tool completely until the clasp engages. (Fig.3)
6. With a slow, even, and steady force, glide the tool along the tube in a smooth motion. The tool will slit the tube as shown in top feature photo.
7. When you reach the end of the access point, **cut off the scrap portion of tube before opening or removing the tool.** (Fig.4). Use Miller® 9150 diagonal cutter.
8. Carefully open the tool and remove the buffer.
9. After each use, carefully and thoroughly clean the tool and store it to protect from dirt.



### Blade Replacement:

Note: Use caution when handling blades and dispose of used blades properly.

1. Carefully observe blade placement as shown in Figure 5. The front blade corners rest against the molded step in the tool body.
2. Use #2 Phillips screwdriver to remove the two screws in the blade cover.
3. Remove old blade.
4. Install new blade and locate it as shown in Fig 5. Reinstall blade cover and screws.



**WARRANTY:** RIPLEY warrants its products against defective materials and workmanship for a period of one year from date of shipment from the RIPLEY factory provided the product is utilized in accordance with instructions and specified ratings.



46 Nooks Hill Road, Cromwell, CT 06416 USA ~ Phone: 800-528-8665 ~ Int'l: (01) 860-635-2200  
Fax: (01) 860-635-3631 ~ E-mail: info@ripley-tools.com ~ Internet: www.ripley-tools.com

**MILLER®**

80931 rev1  
12-01-12 IT