Installing OFT-001 Replacement Blades in MFT-000, OFT-000, and STF-000 Access Tools

1. General

1.1 This procedure describes how to install replacement blades in MFT-001 (MOFAT), OFT-000 (OFAT), and STF-000 (STOFAT) access tools. All three tools use common replacement blades, Corning Cable Systems part number **OFT-001**.

1.2 This procedure includes updated corporate information.

2. MFT-000 Blade Replacement

2.1 To replace the blades in the MFT tool:

a) Use a 7/64 inch hex wrench to remove the screw closest to the blade from the top half of the tool. Loosen the other screw (Figure 1).

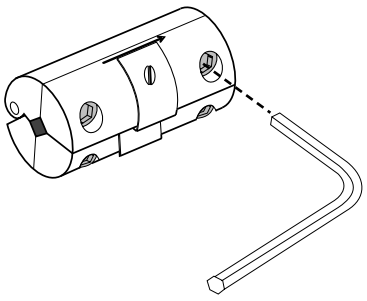

Figure 1

b) Pivot the halves of the tool so that the blades are exposed. Carefully remove the old blades and dispose of them properly.

c) Place the new blades into the tool. The blades are keyed during manufacturing to assure a proper fit and adjustment (Figure 2).

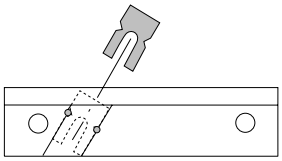

Figure 2

d) Reposition the halves of the tool, reinsert the screw, and retighten both screws with the hex wrench.

3. STF Blade Replacement

3.1 To replace the blades in an STF series tool:

a) Use the $^{3}/_{32}$ -inch hex wrench provided with the tool to remove the two screws which secure the parts of the tool body together (Figure 3).

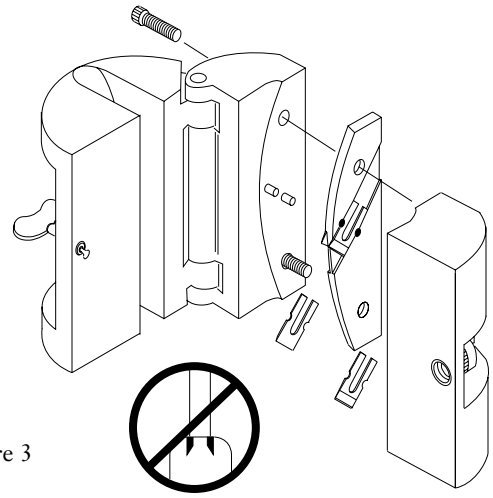

Figure 3

b) Carefully remove the old blades and dispose of them properly.

c) Place the new blades into the tool as shown in Figure 3. Note the the "flat" surfaces of the blades MUST face "inside" and each other in the tool. If mounted as shown in Figure 3, inset, the tool will not make acceptable cuts.

d) Reassemble the tool. Test the new blades on a scrap length of tube to verify that the tool is properly assembled.

4. OFT-000 Blade Replacement

4..1 Loosen the thumbscrew until you can completely separate the halves of the OFAT (Figure 4).

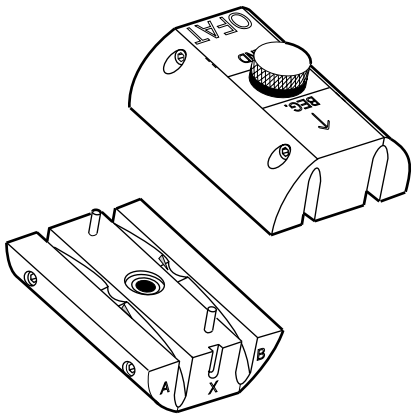

Figure 4

4.2 Starting with either tool half, use a 7/64-inch hex wrench to remove the screw closest to the first blade to be replaced; loosen but do not remove the other screw (see Figure 5.

4.3 Pivot the outer piece around the loosened screw so that the blade is exposed (Figure 5). Carefully remove the old blade and dispose of it properly.

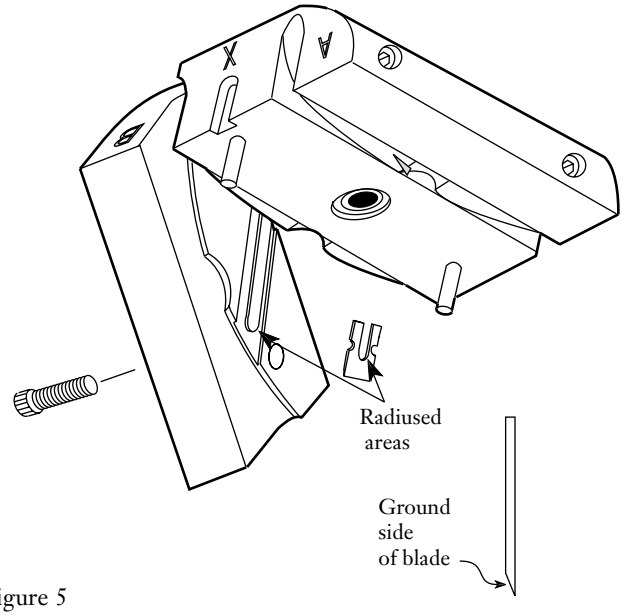

Figure 5

4.4 Place the new blade into the tool with the ground side of the new blade facing the piece of the tool with the recessed area provided for the blade (see Figure 5).

Make sure that the radiused section of the blade is fully seated against the radiused section on the tool.

45 Using the corner of a flat surface, such as a counter top or bench, press the tool down flush so that individual parts of the tool are properly aligned (Figure 6).

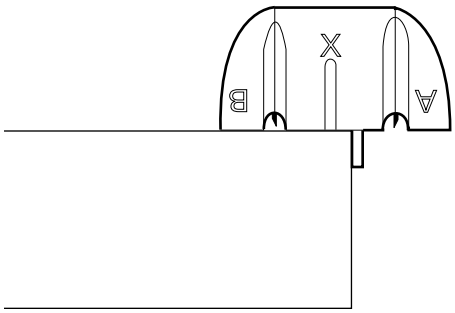

Figure 6

4.6 Hold the pieces of the tool so that they fit flush along the ends. Reinsert the screw removed in step 4.2. Tighten both screws with the hex wrench.

4.7 Repeat steps 4.2 through 4.6 for the remainder of the blades in the tool.

4.8 Place the two halves of the tool together. Re-thread the thumb screw and turn it enough to secure the tool in its open position.

4.9 Test the new blades on a scrap length of buffer tube to verify that the tool is properly assembled. *To prevent damage to the blades, tool, or fibers, make sure that all of the new blades are still properly seated.*

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