

V-Groove Cleaning Kit for Arc Fusion Splicers

Overview

Clean V-grooves are critical to producing a low loss splice regardless of the splicer being used. The Fujikura Europe Ltd (FEL) V-groove Cleaning Kit (VCK-01) can be used with all fusion splicer types including single fibre or mass fusion.

Contents of VCK-01:

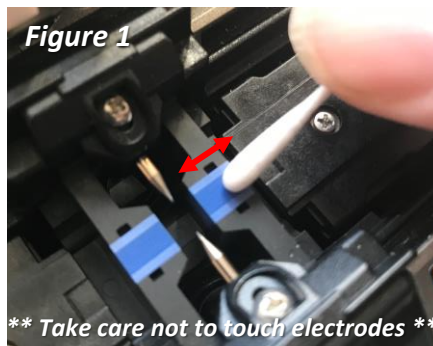
- Carry case
- Lint free cotton sticks
- Scrubber Brush
- Sweeper Brush
- Magnifier Light
- Fibre Preparation Fluid



All items can be re-ordered as separate consumables

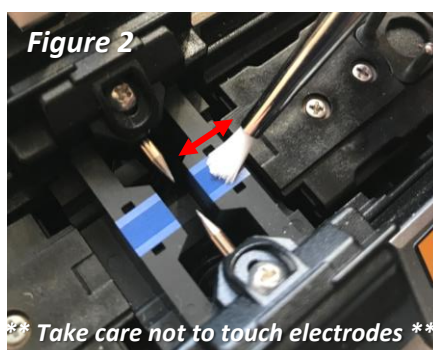
Initial Debris Removal – Lint Free Stick

Lightly moisten the tip of the stick with the fibre preparation fluid. Scrub the V-grooves using a back and forth motion. A squeaking sound may be heard. Inspect (Figure 4), and repeat if loose debris is still present. (Figure 1)



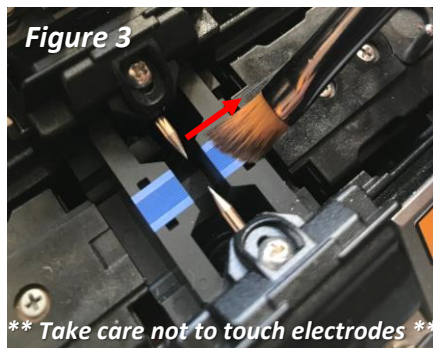
Heavy Debris Removal – Scrubber Brush

Using the Scrubber Brush, gently scrub the V-grooves in a back and forth motion. Inspect (Figure 4), and repeat Scrubber Brush cleaning if heavy debris is still present. (Figure 2)



Removal of Fine Particle Debris – Sweeper Brush

Using the Sweeper Brush, gently sweep remaining debris (fine particles) from V-grooves. Start the sweeping motion at the edge closest to the electrodes and move to outside. (Figure 3)



Inspection

Inspect V-grooves and repeat if debris is still present. (Figure 4)

If heavy debris remains after the second attempt, contact FEL:

