

## 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*

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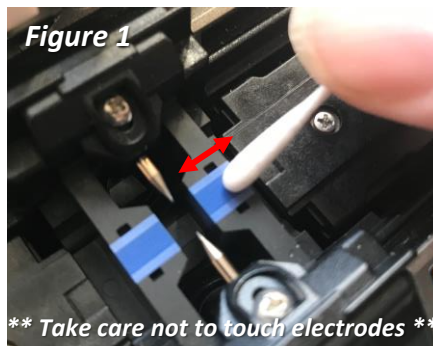
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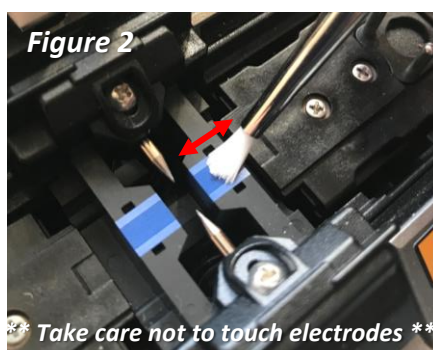
## Initial Debris Removal – Lint Free Stick

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)



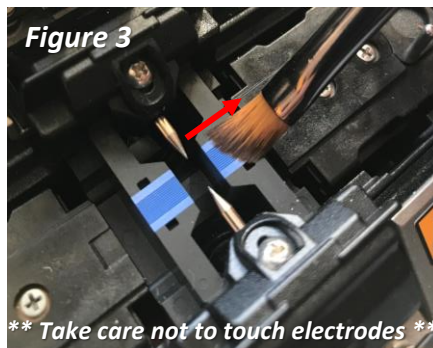
## Heavy Debris Removal – Scrubber Brush

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:*

