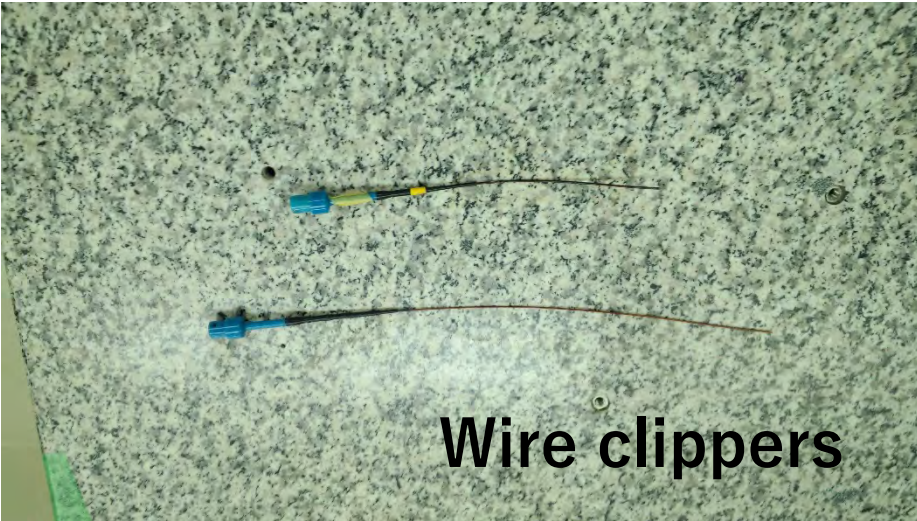
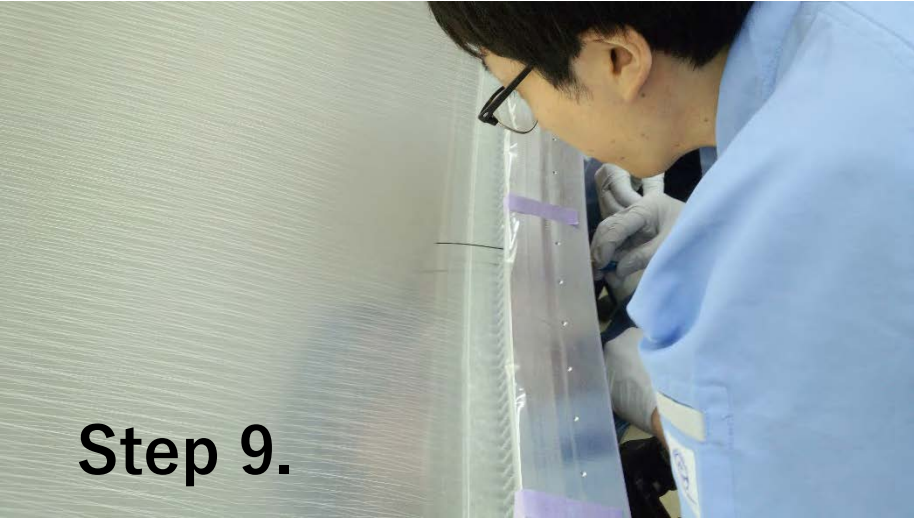
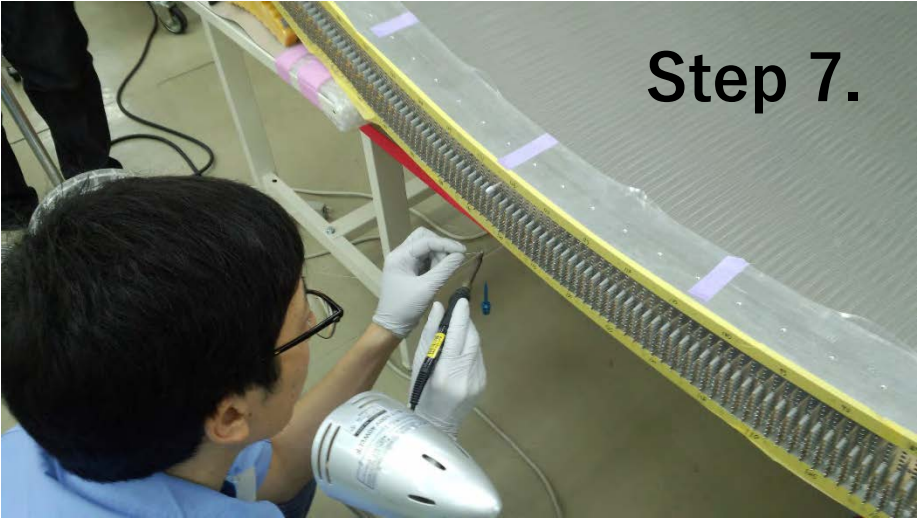
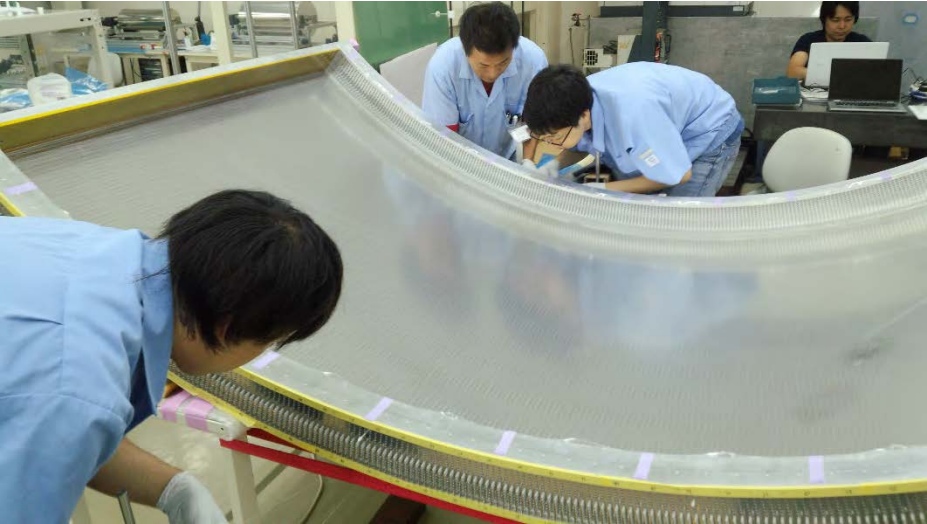


L2-W142(Layer 2, Wire 142), as its tension was low, was replaced as a demonstration of repairing a cut wire.

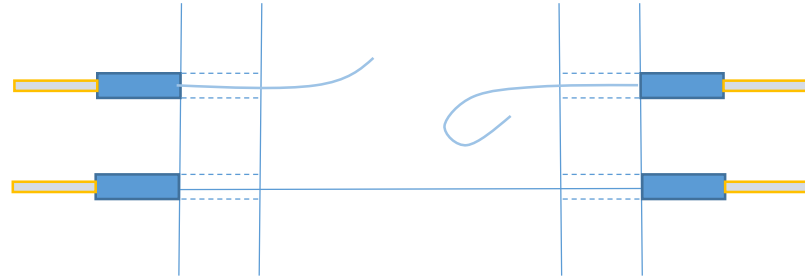


# Method of Repairing a Cut Wire

1.

L2-W142

L2-W141

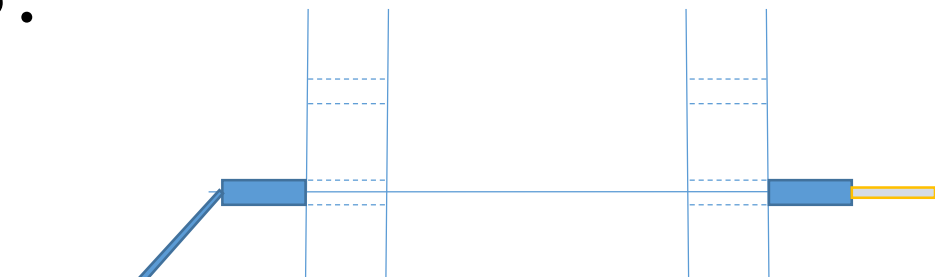


2.



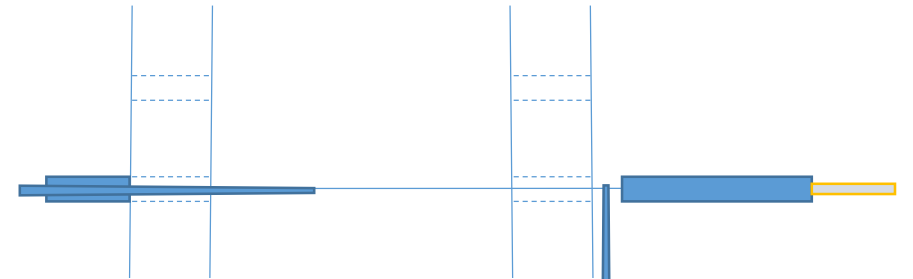
Remove broken wire and feed-throughs

3.



Cut a metal pin and remove it by desoldering.  
Clip the wire with a wire clipper.

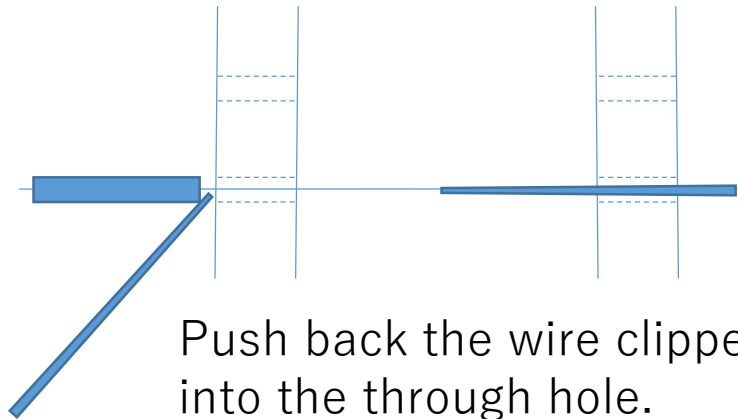
4.



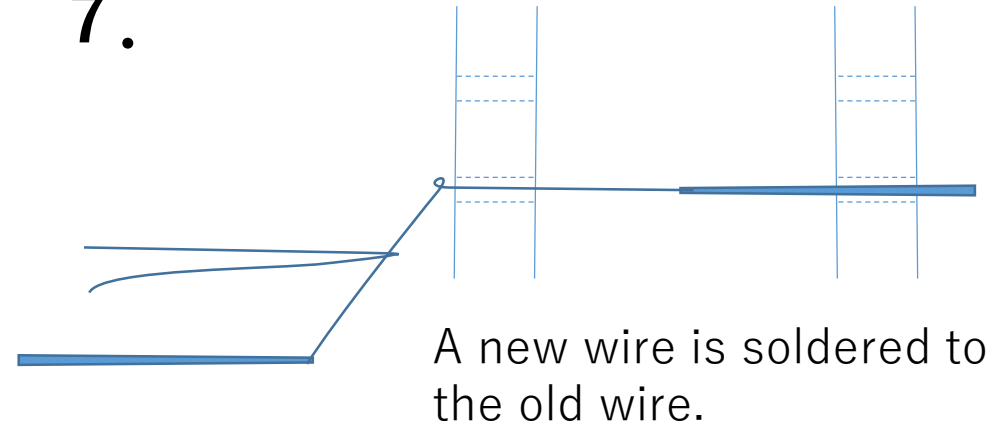
Push the wire clipper into the through hole.  
Clip the other side of the wire.

# Method of Repairing a Cut Wire

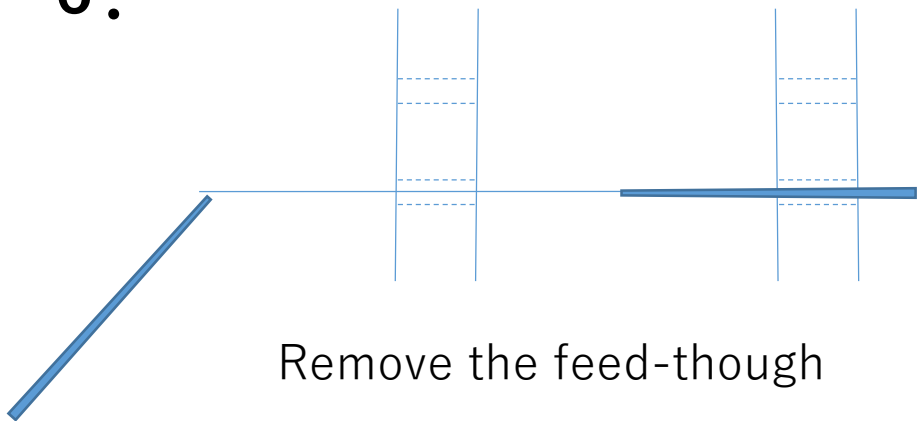
5.



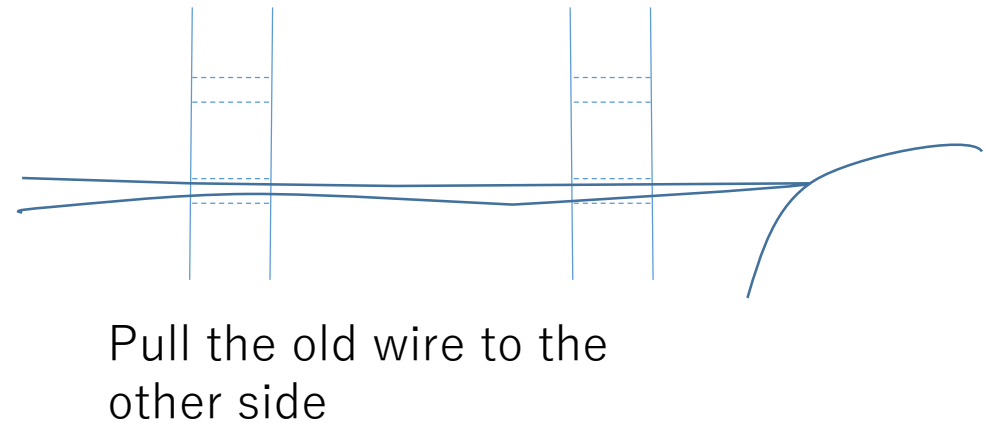
7.



6.

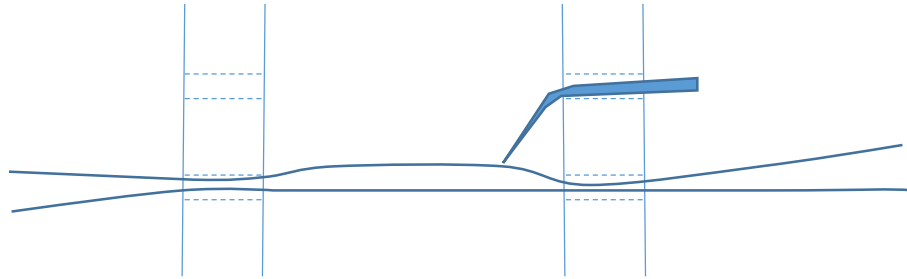


8.



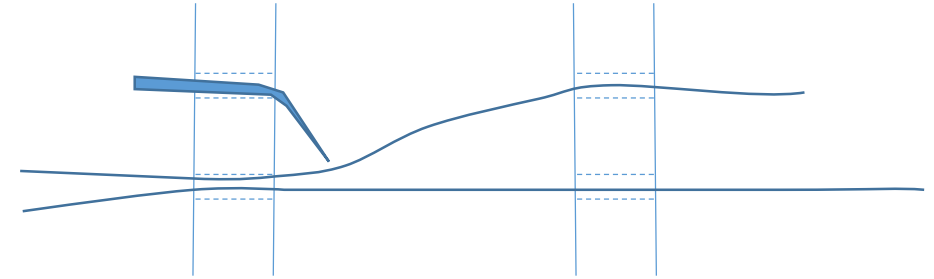
# Method of Repairing a Cut Wire

9.



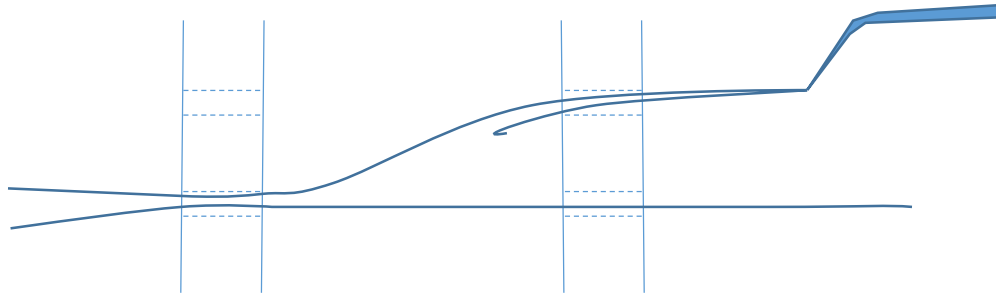
Pick a new wire through the neighboring through hole.

11.



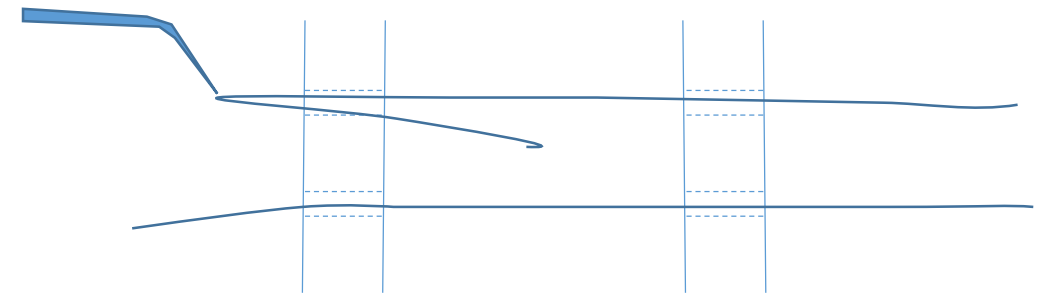
Do 9. at the other side.

10.



Pull the new wire out of the neighboring through hole.

12.



Do 10. at the other side.

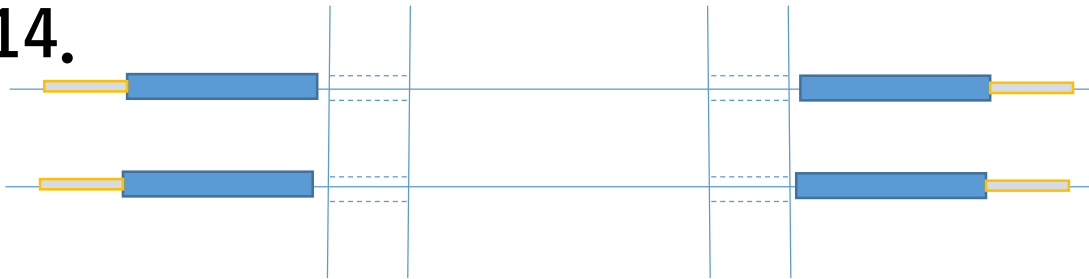
# Method of Repairing a Cut Wire

13.



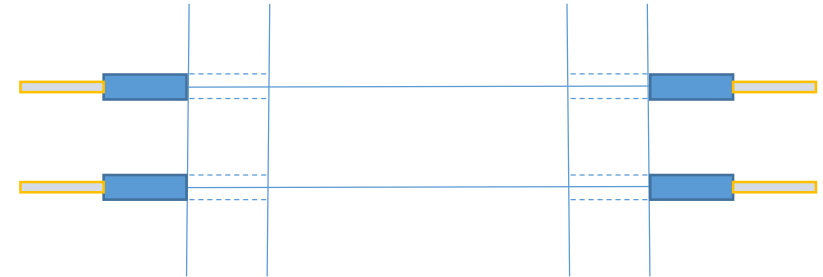
New wires are through the both through holes.

14.



New feed-throughs are set to the through holes with glues.

15.



The new wires are soldered to the feed-throughs with a proper tension.

