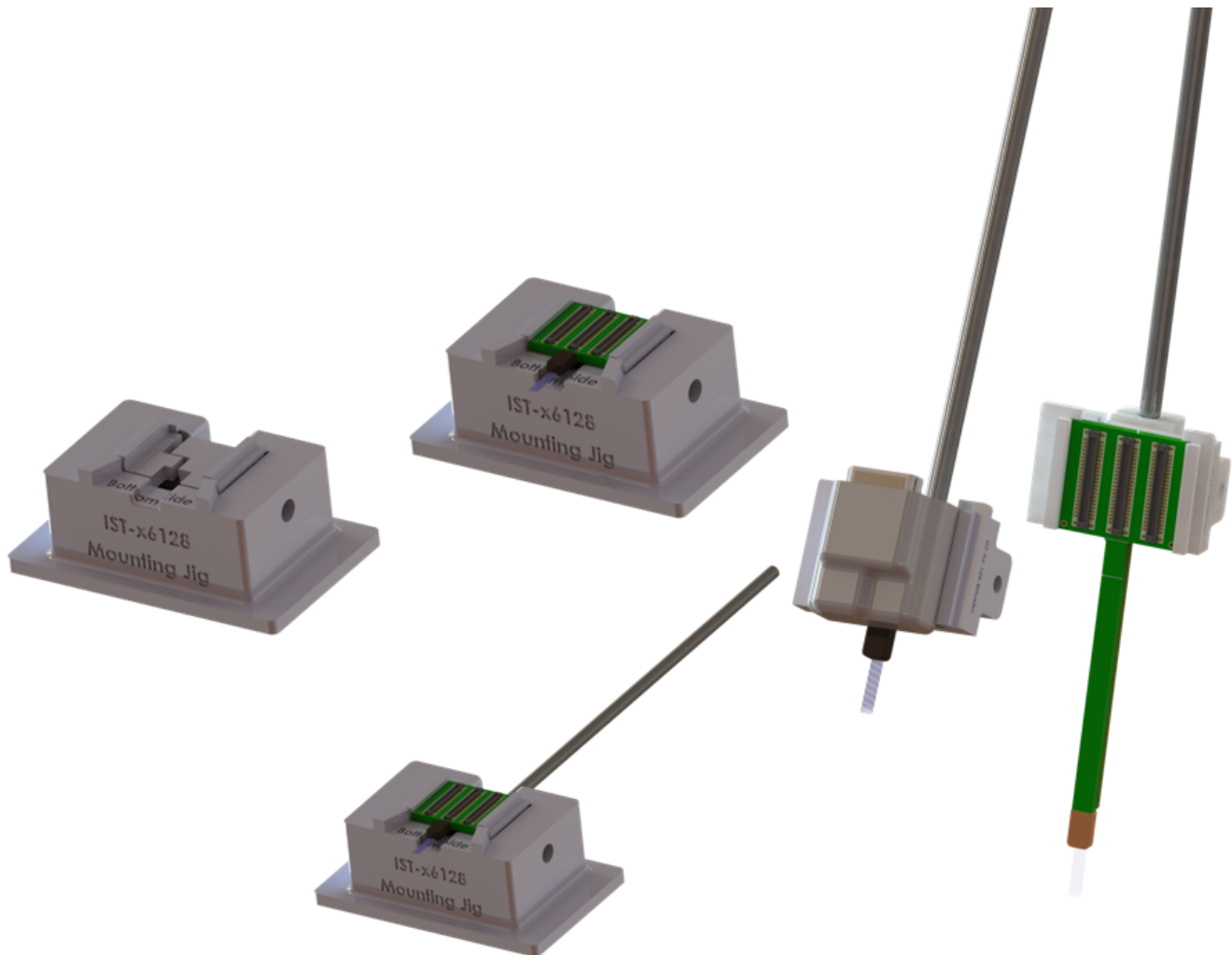
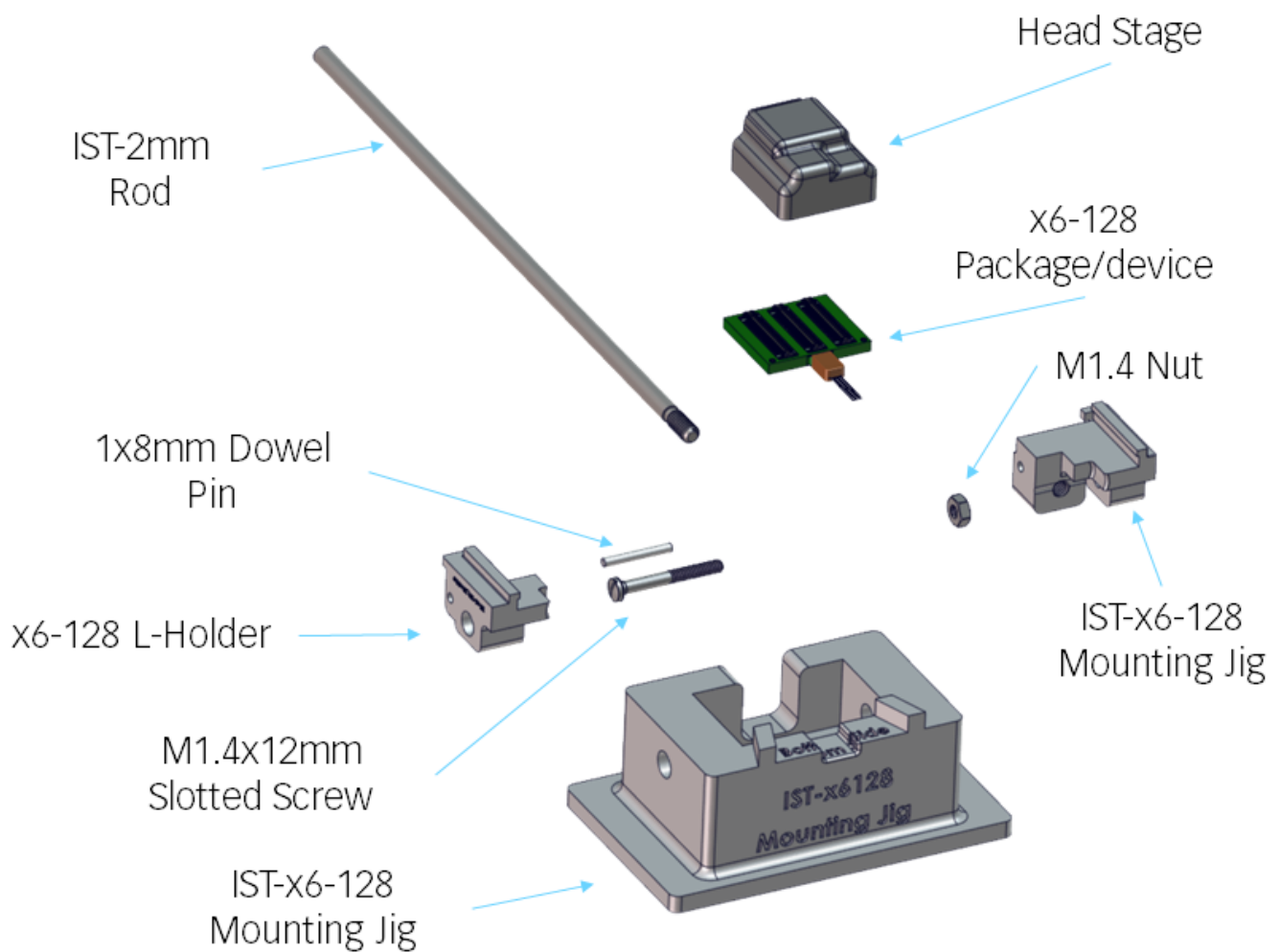


IST- X6 Manual



Created October 19, 2023

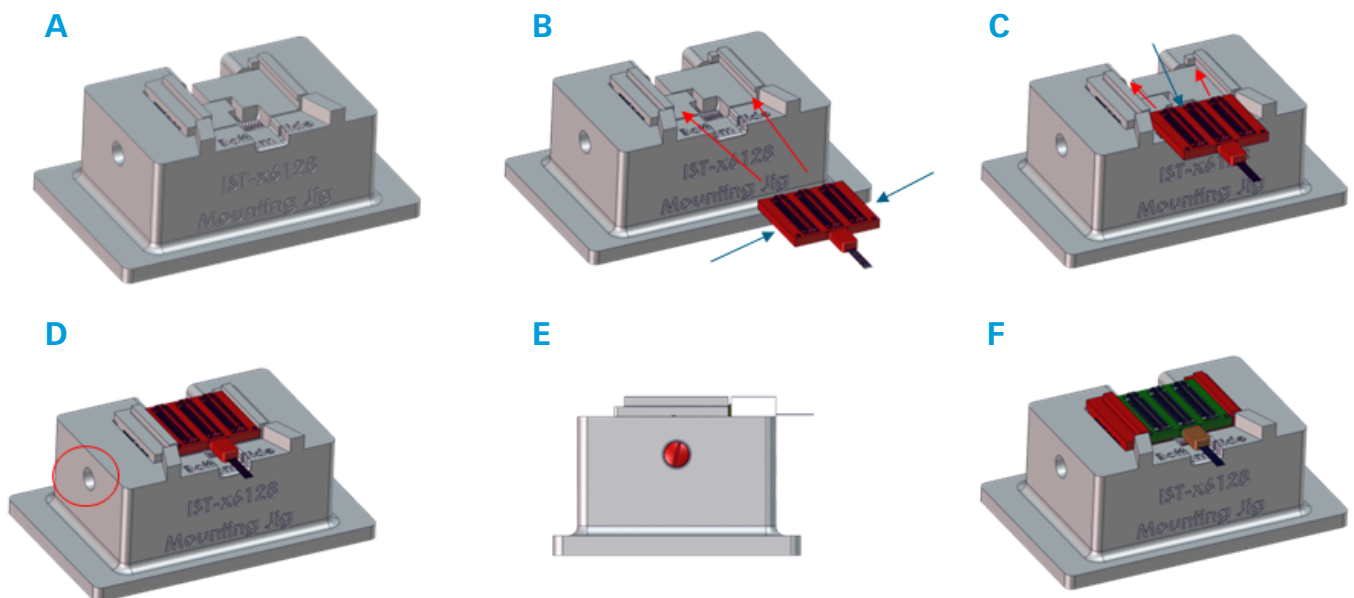
Call Out



Placing the Package in the Mounting Jig

- Retrieve the Mounting Jig with Pre-loaded with IST-Holder.
- Retrieve the package from the shipping box. By gripping the package by the sides slide the package (see blue arrows in Illustration B) into the guide rails so the PCB can slide in the grooves of the IST-x6-128 Holder. While sliding the PCB, press lightly on the back end of the PCB (See illustration C and blue arrow), to ensure PCB is sliding in the track properly. Slide it until it seat all way to the back of the holder (see Illustration D).
- On the left side of the holder (Jig and Package orientated in the Illustration D and E), there is a hole for a small flat head screwdriver to tighten the IST-Holder around the Package. ONLY finger TIGHTEN it, DONOT OVER TIGHTED. As this could lead to stripping the threads. Once tighten, check to make sure the package is snugly in the IST-Holder (See Illustration F).

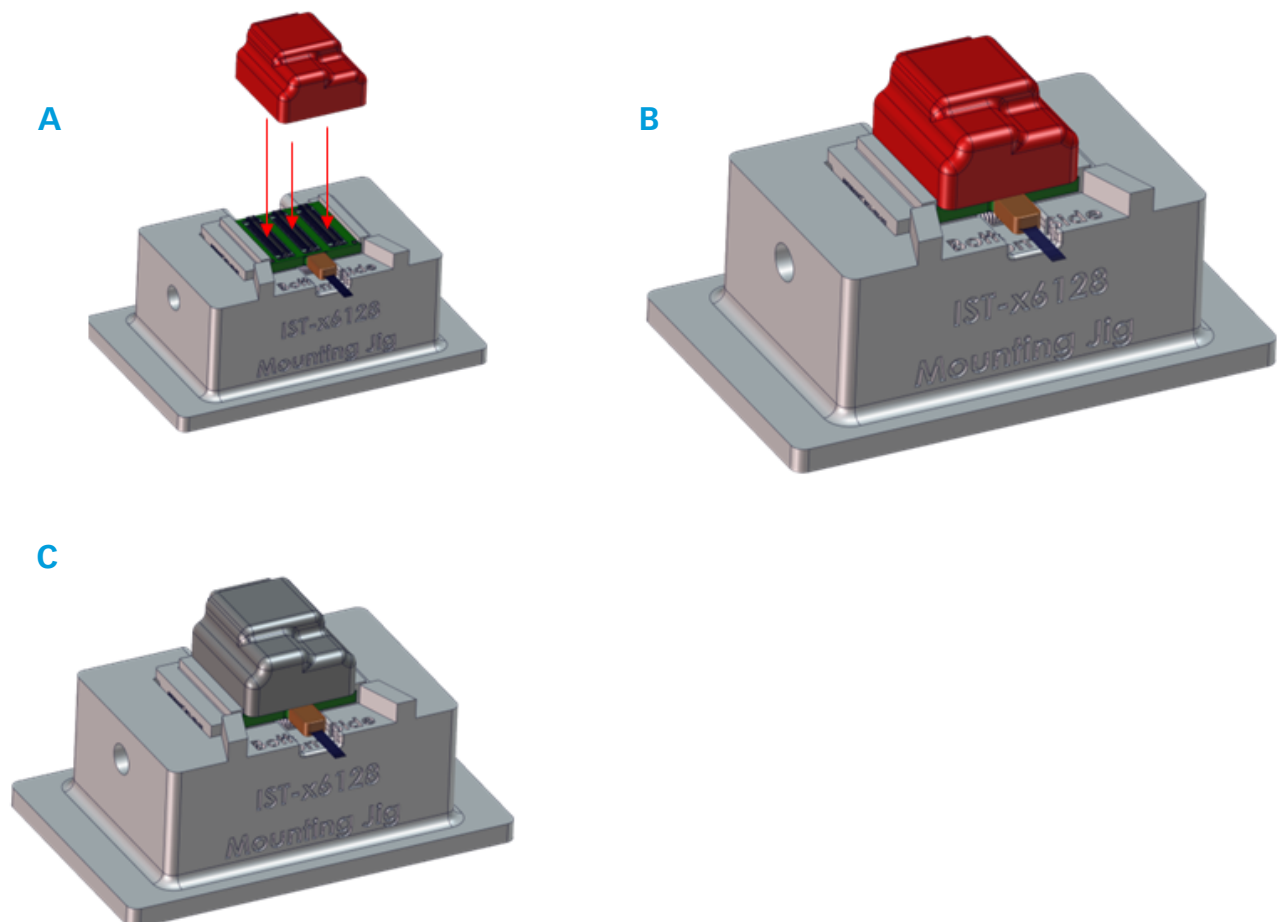
Note: Always Be Mindful of the probes tip.



Connecting Head Stage to Package

- At this point it would be a good and safe time to connect the Head Stage to the package.
-
- While the package is still loaded in the Mounting Jig, connect the Head Stage to the Package, MAKING SURE to align all three connectors.
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- Check to MAKE SURE it is properly connected before removing Package and IST-Holder from Mounting Jig.

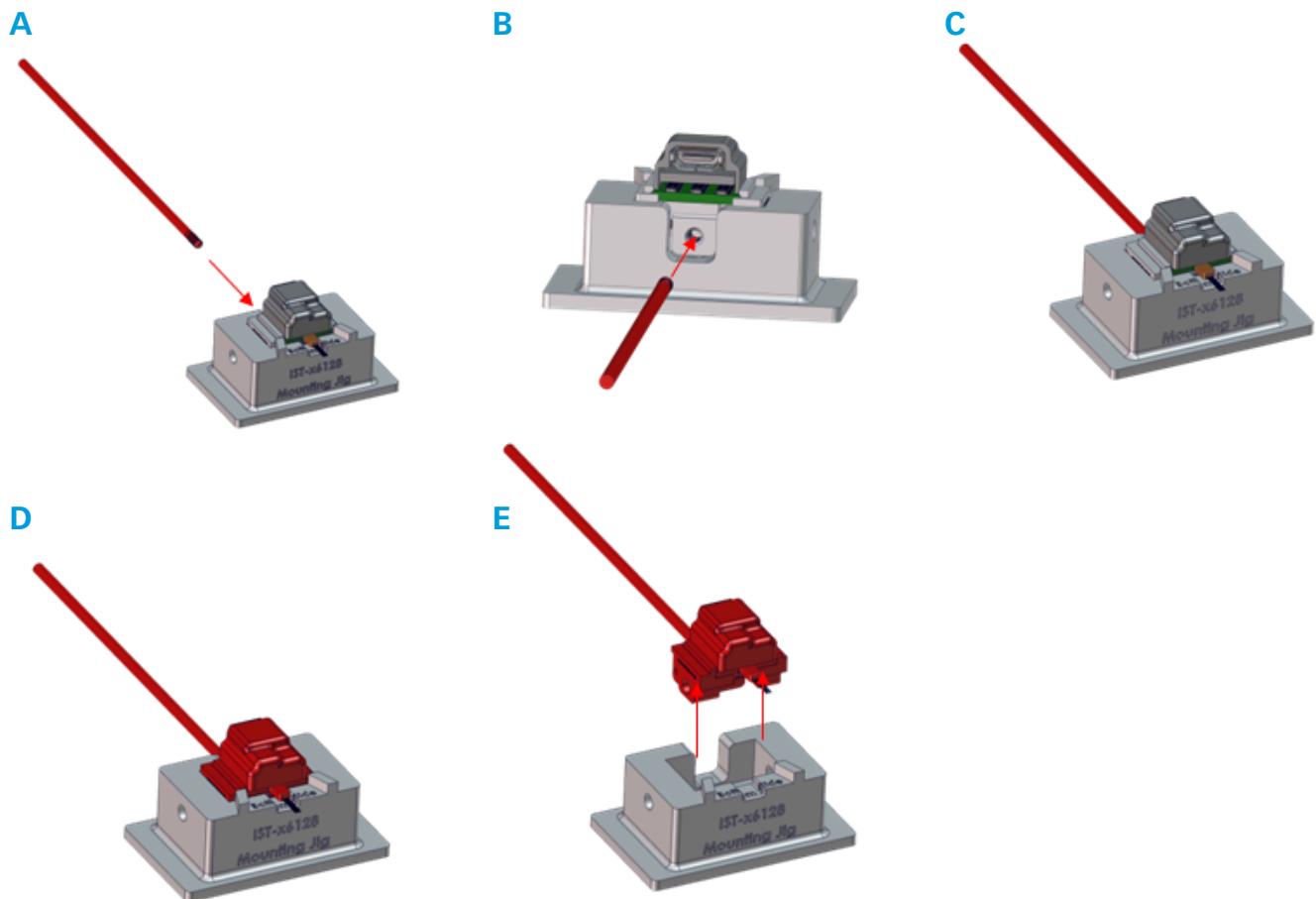
Note: Always Be Mindful of the probes tip.



Removing Package and IST-Holder From Mounting Jig

- Retrieve the IST-2mm Rod.
- Thread the rod into the IST-Holder (See Illustration B and C). Only finger tighten, **DONOT OVER TIGHTEN**. This could lead to damaging the threads. (NOTE: If one does not plan to remove the rod from holder, super glue could be added to ensure a strong connection).
- Grabbing the rod, slowly lift the package up, out of the Mounting Jig (See Illustration D and E).

Note: Always Be Mindful of the probes tip.



Removing IST- Holder From Secured Package

Note: These steps are to only be used if the package is a x6-128 and is going to be fixed to the skull with Dental Cement.

- After the Package has been secured to the Skull with dental cement (DONOT get dental cement on the IST-Holder). Using the same port on the left side, loosen the screw (DONOT completely remove the screw) , just enough so the package is free of the holder.
- Use the Stereotactic controls, move the IST-Holder back and away from the package, then upwards so it will clear the surgical area.
- Finish up the surgery by follow in-house procedures and the implant is complete

