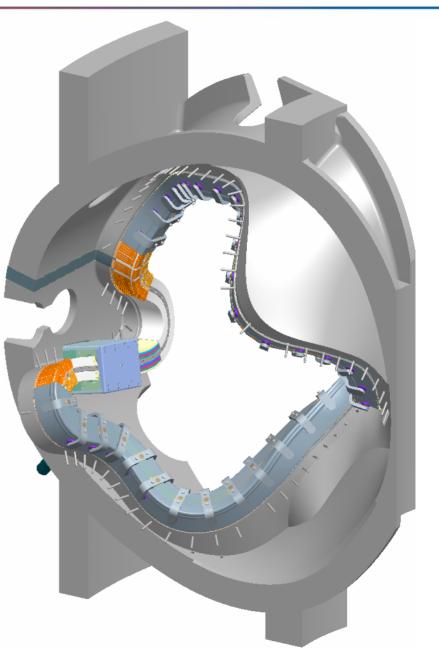


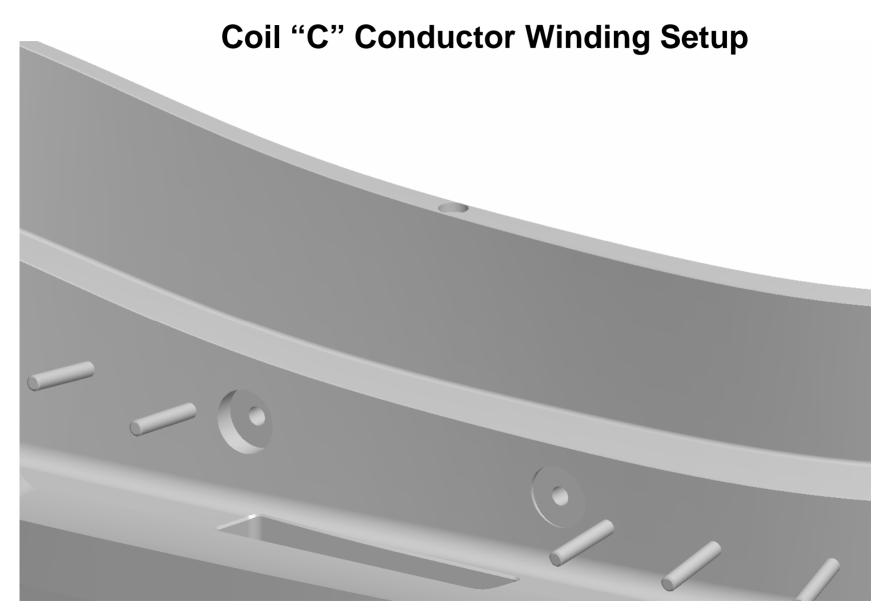
Modular Coil Type C Assembly

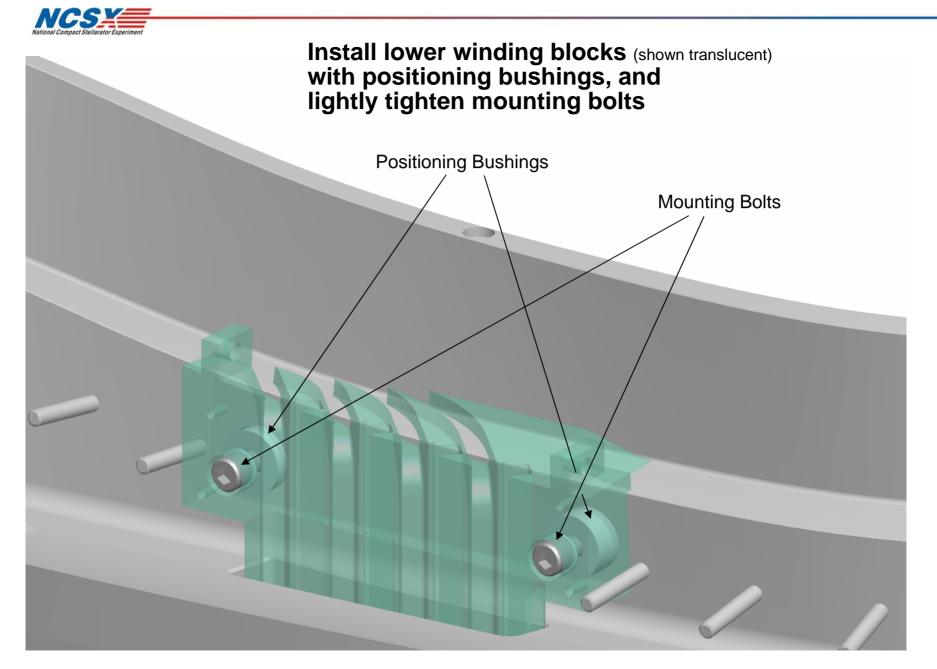
Winding Process

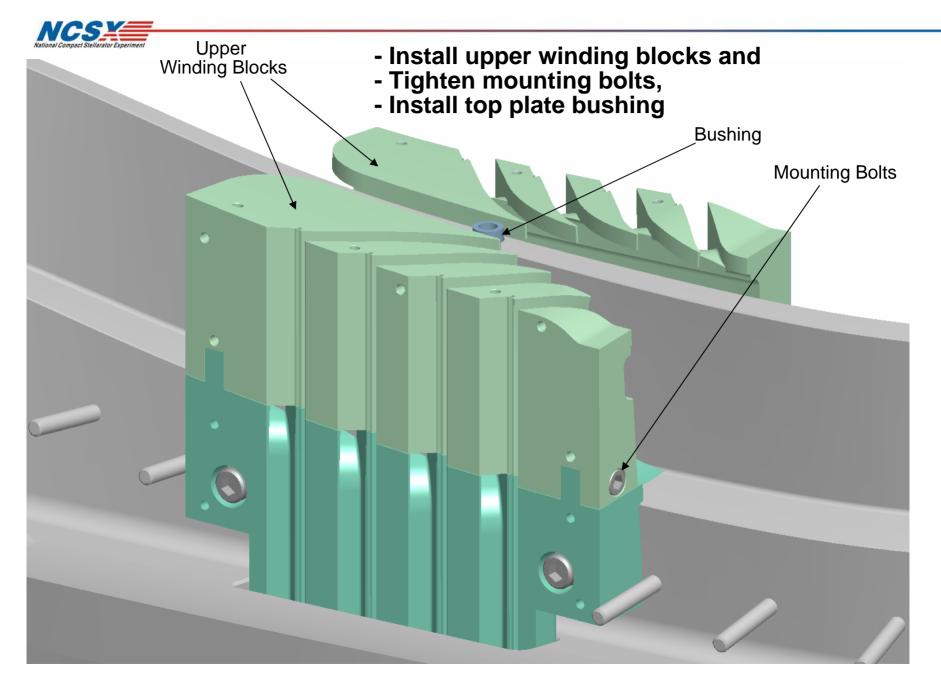
P. Fogarty, D. Williamson, B. Nelson M. Cole, G. Lovett, T. Hargrove

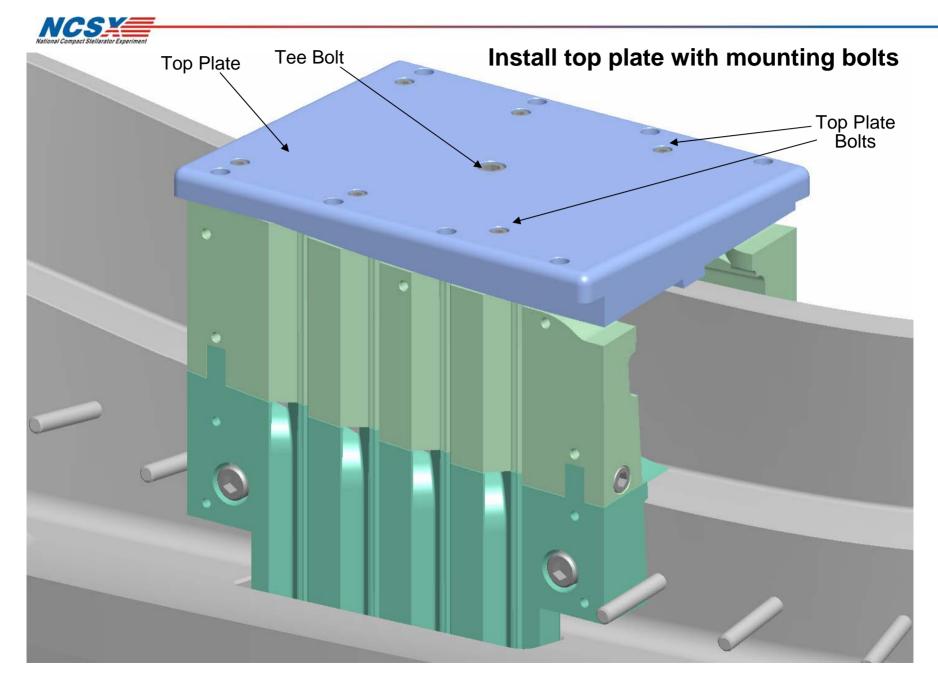


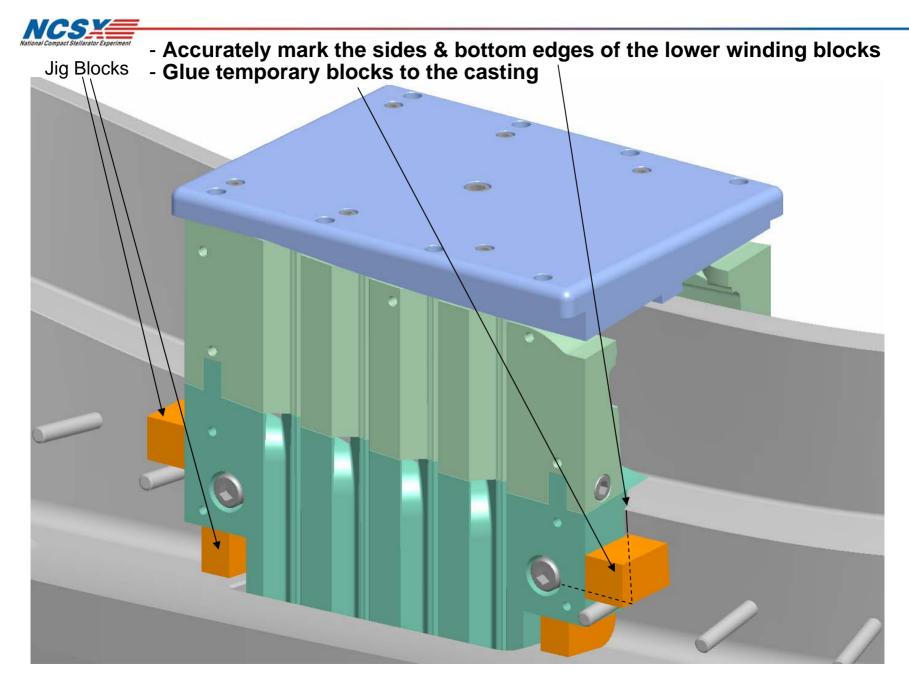


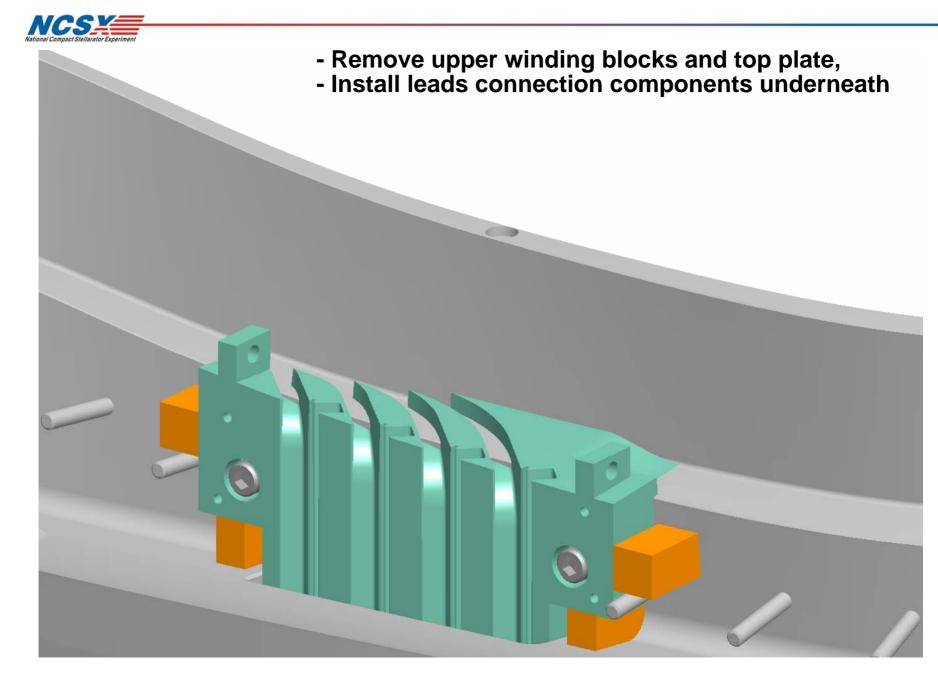


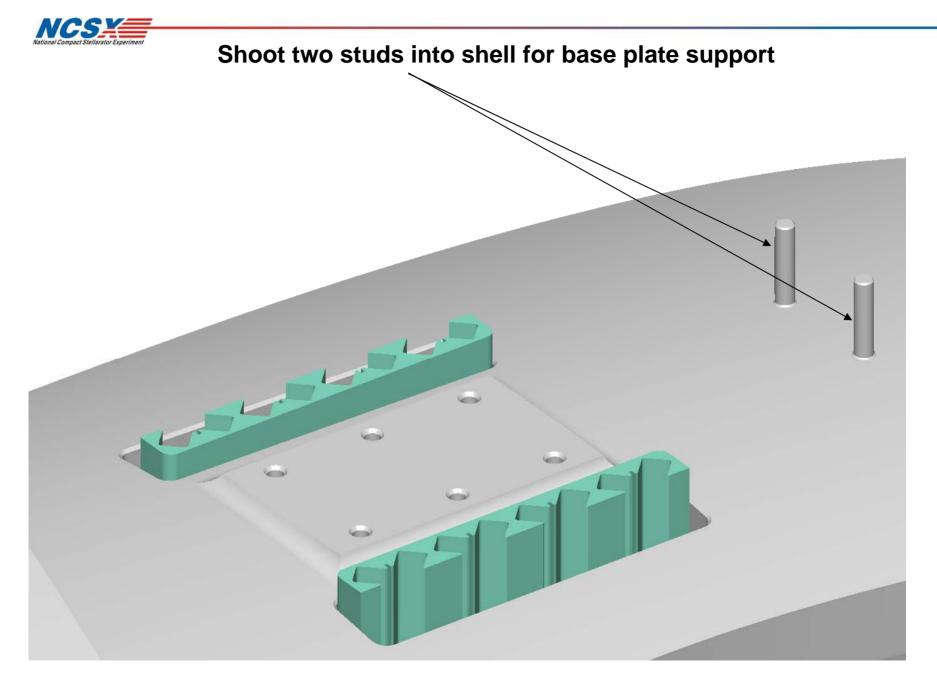




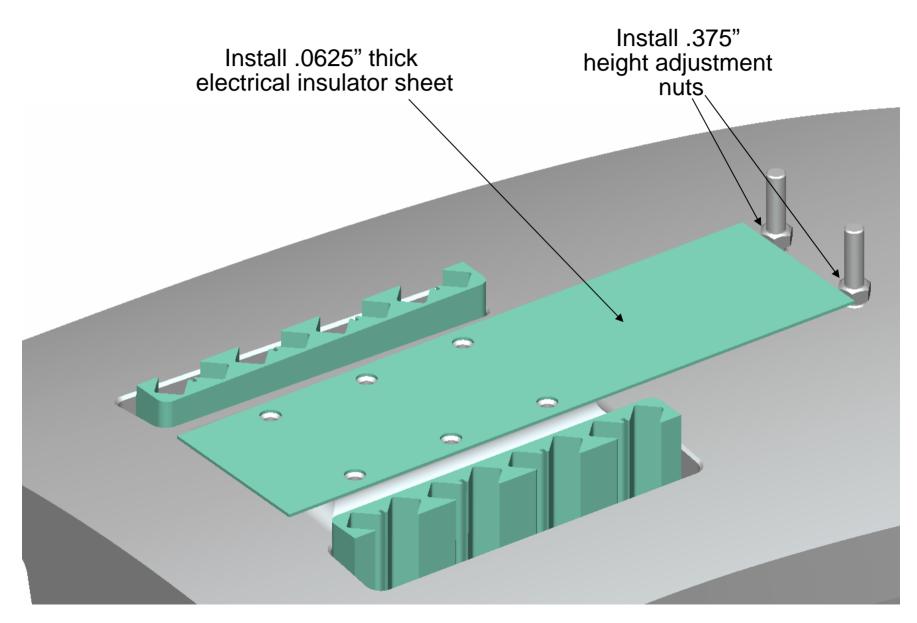












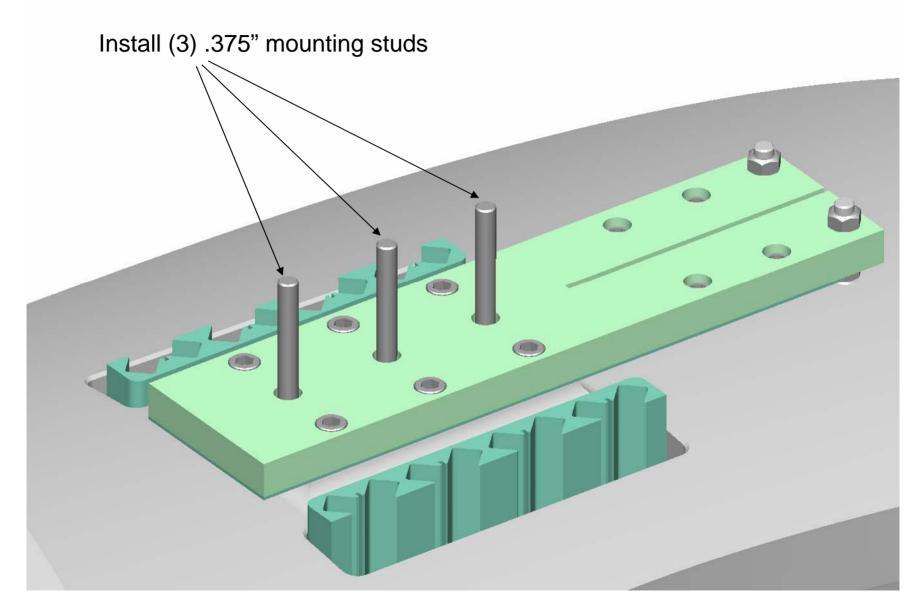


- Install base plate with (6) .375" mounting bolts
- Install (7) .375" threaded inserts for studs, bolts
- Install lock nuts at end of base plate

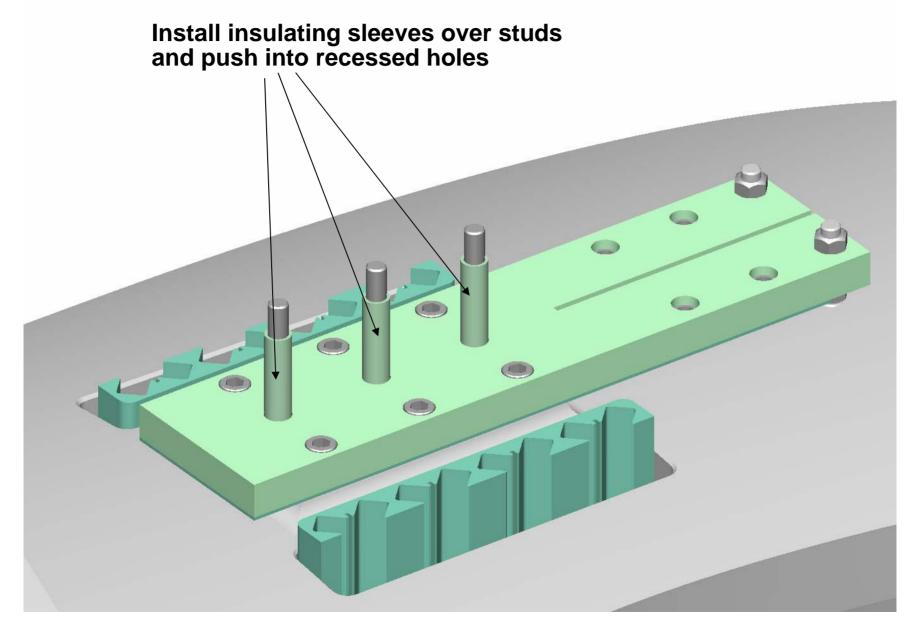
Lock Nuts

Threaded Inserts **Mounting Bolts**

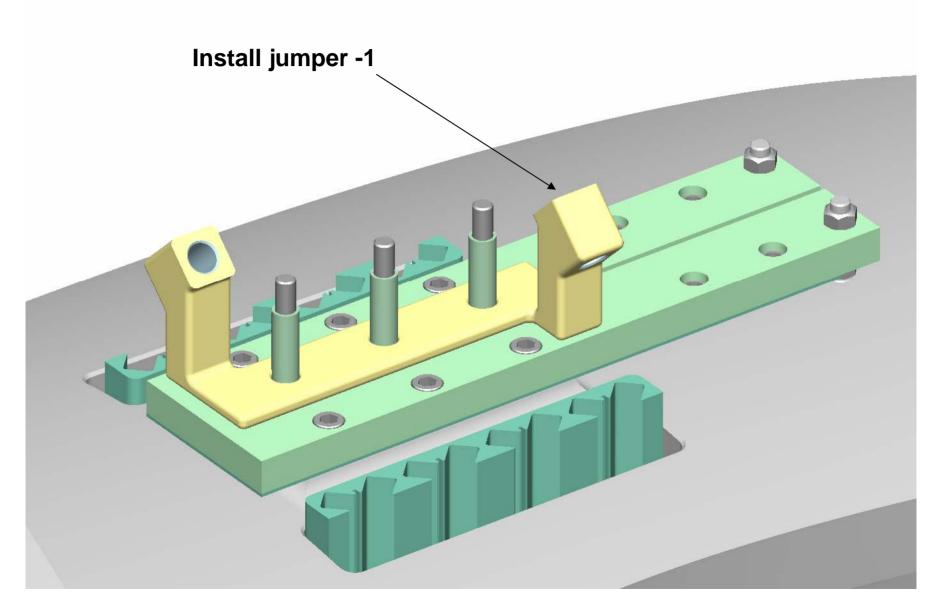








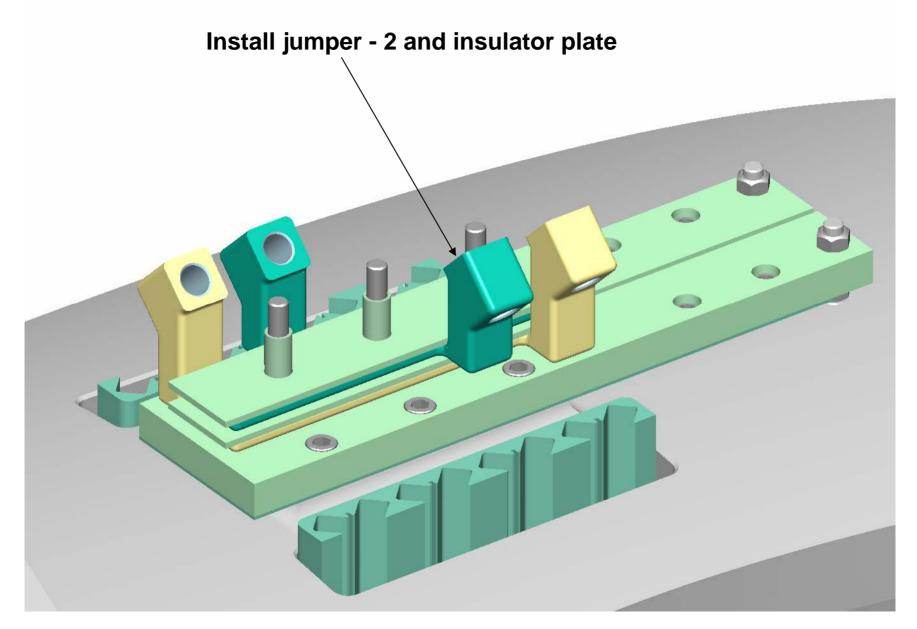






Install .125" thick insulator plate



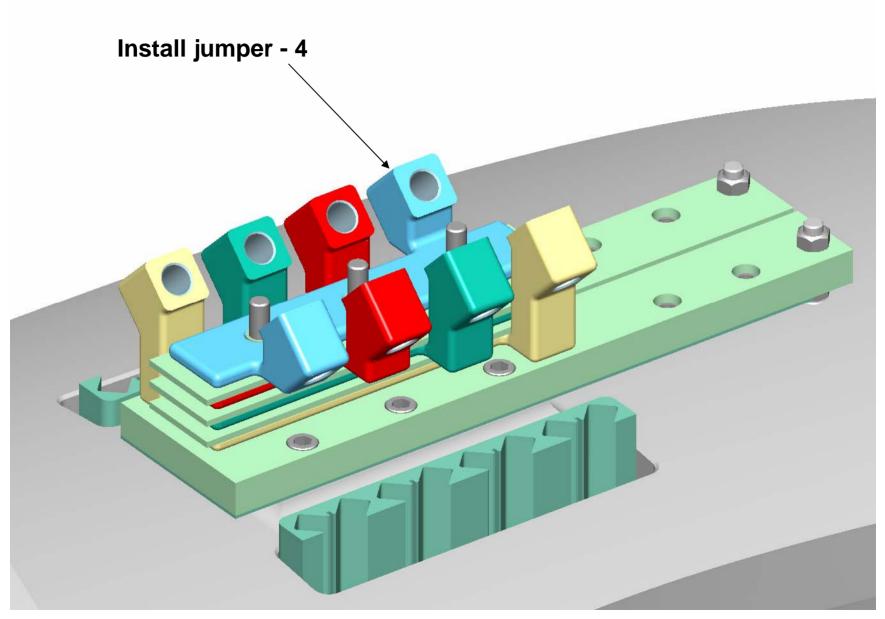




Install jumper - 3, and insulator plate

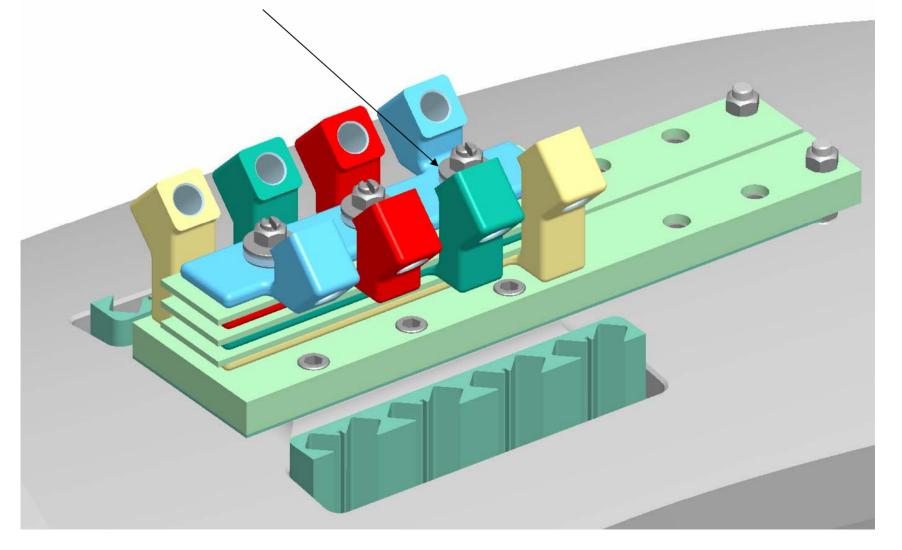
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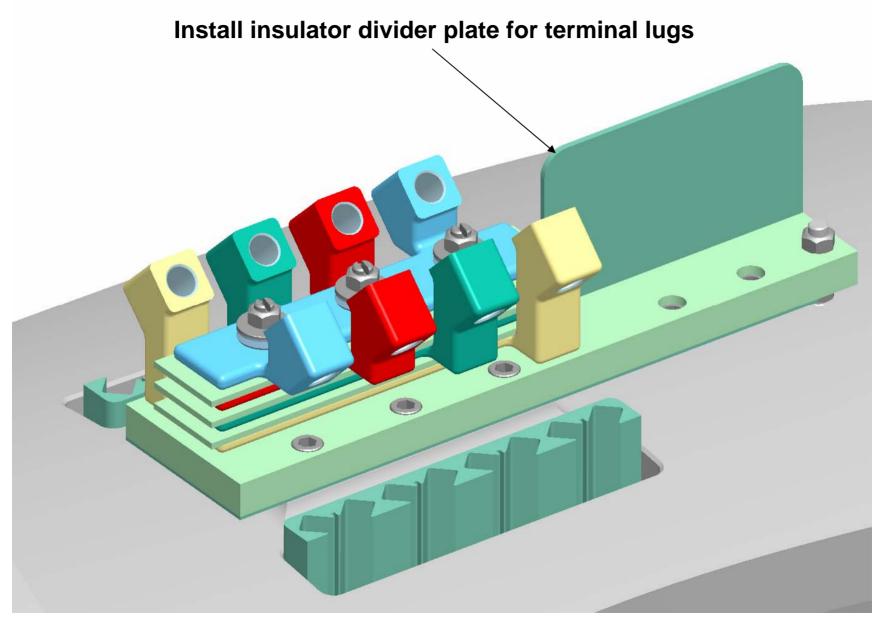




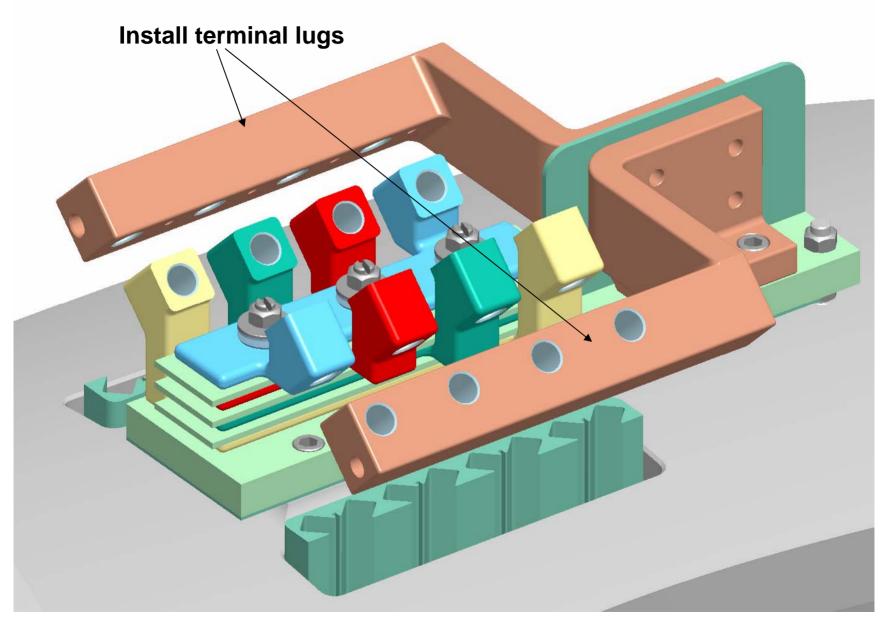
Install (2) bellville washers, (1) flat washer, and (1) nut (each stud)

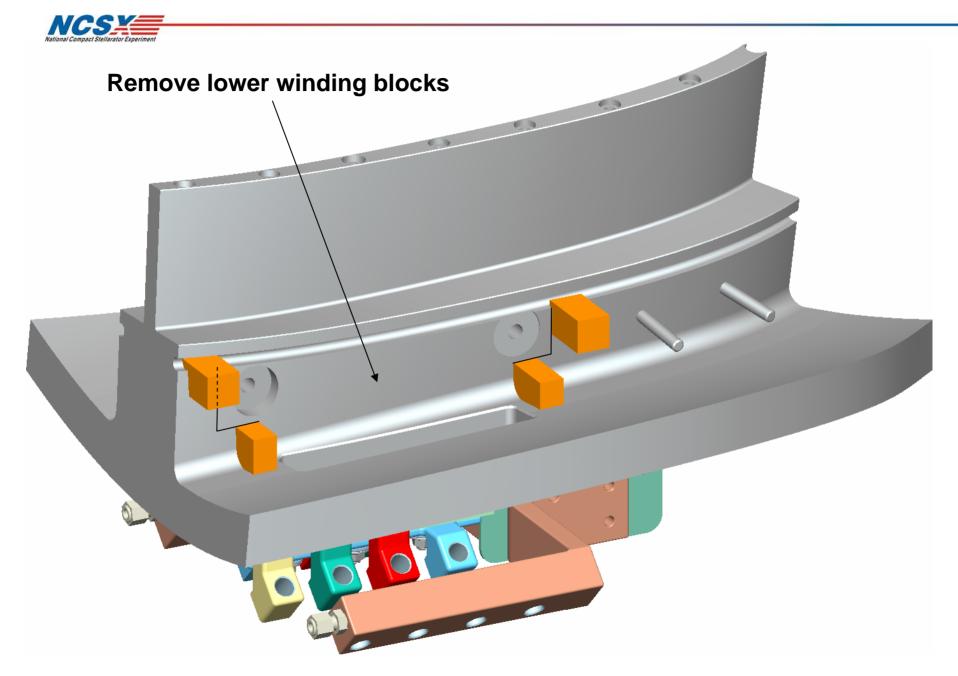


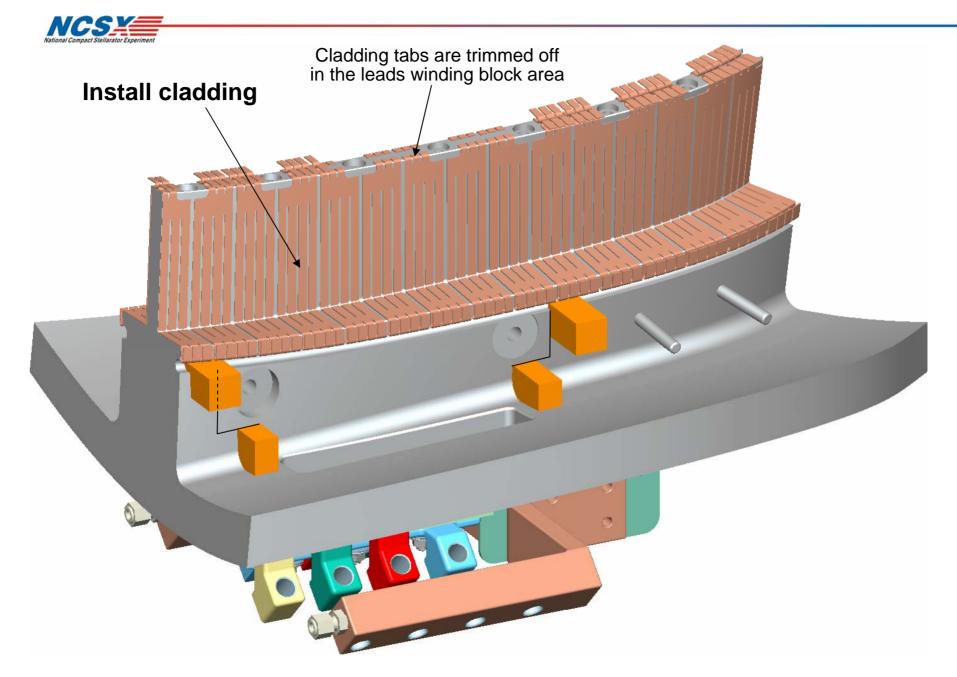


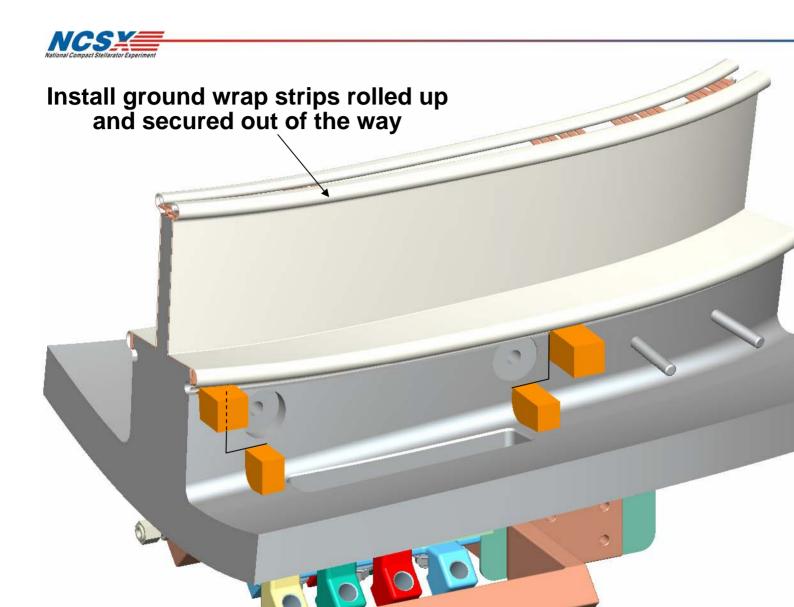




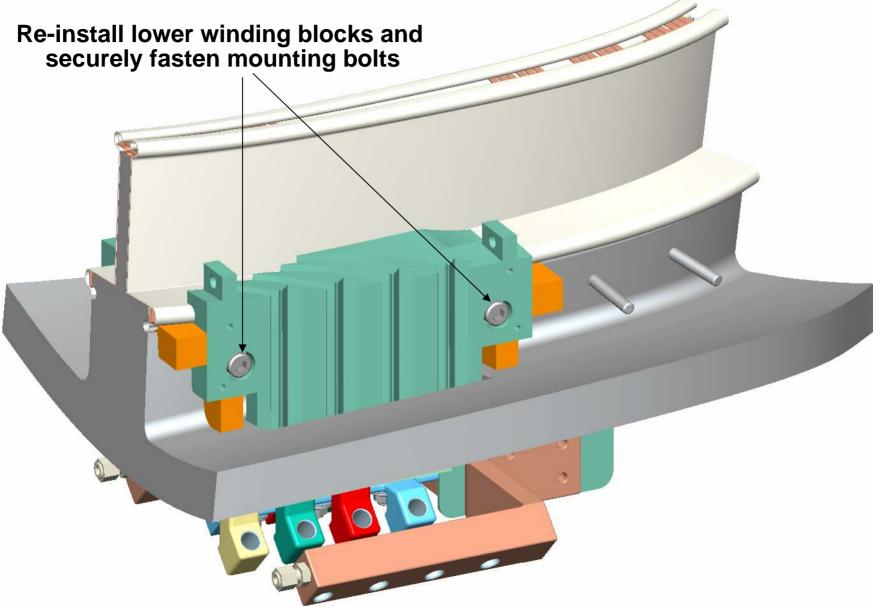










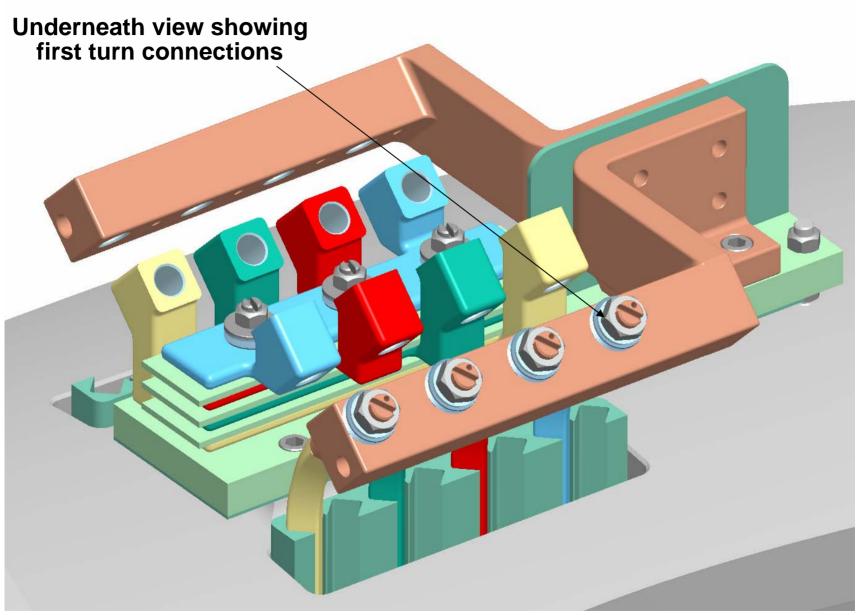




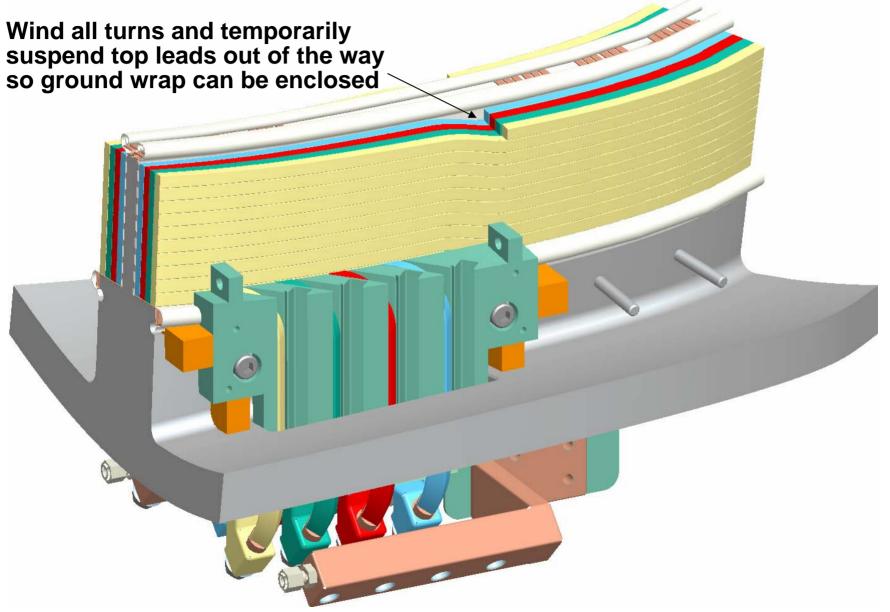
- Measure & cut conductor lengths
- Braze connector cones
- Wind first turn, secure connections

6

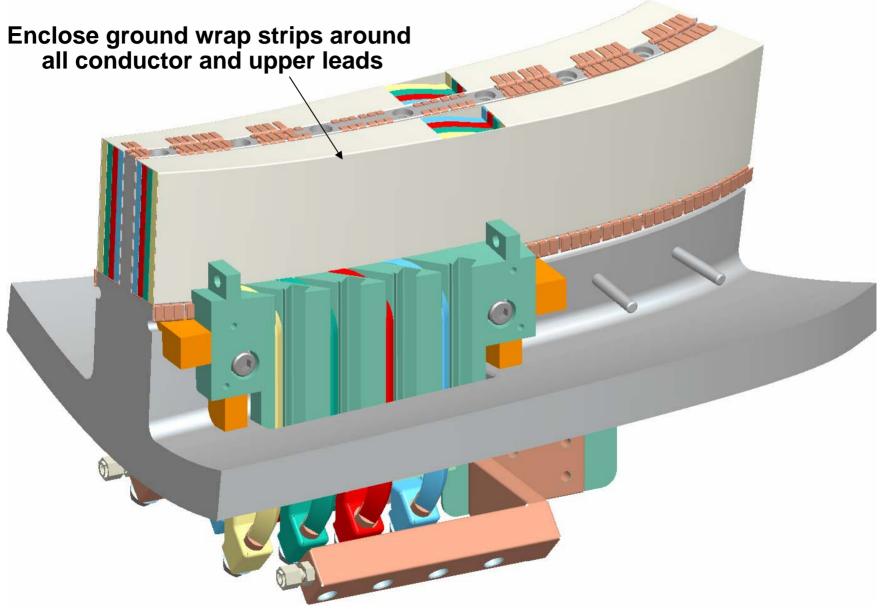






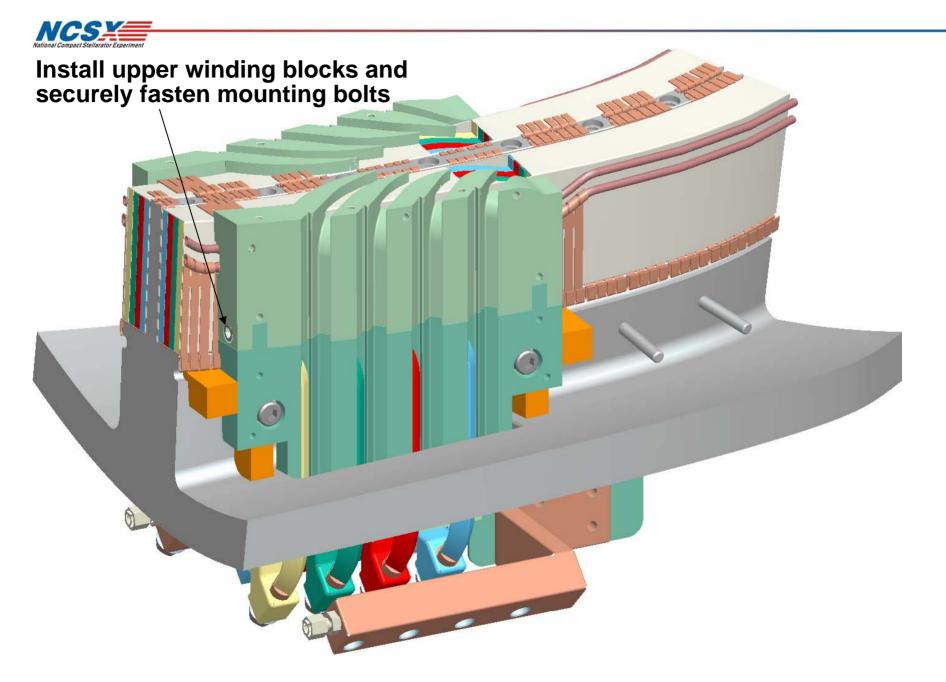








Install (10) modified lower chill plates (1) modified upper chill plate Solder the tabs to tubing

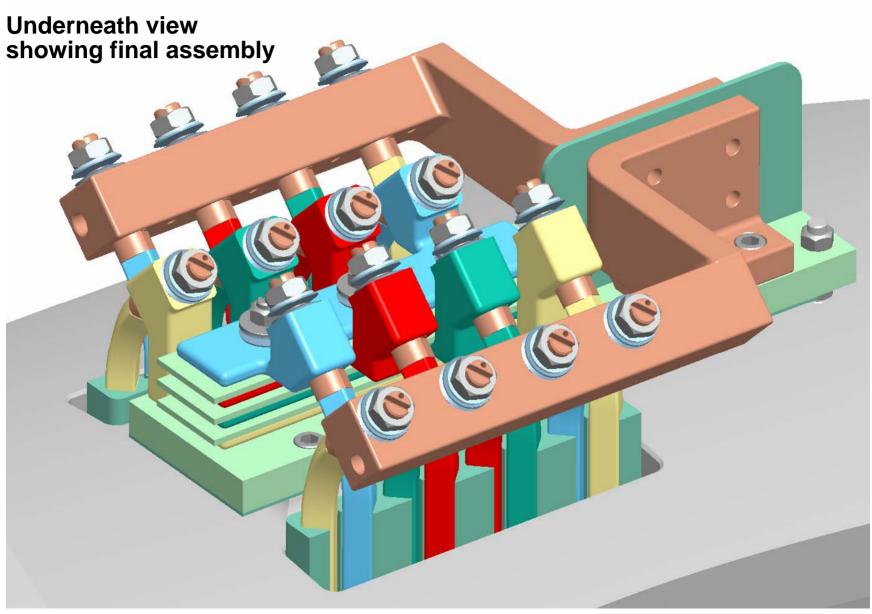


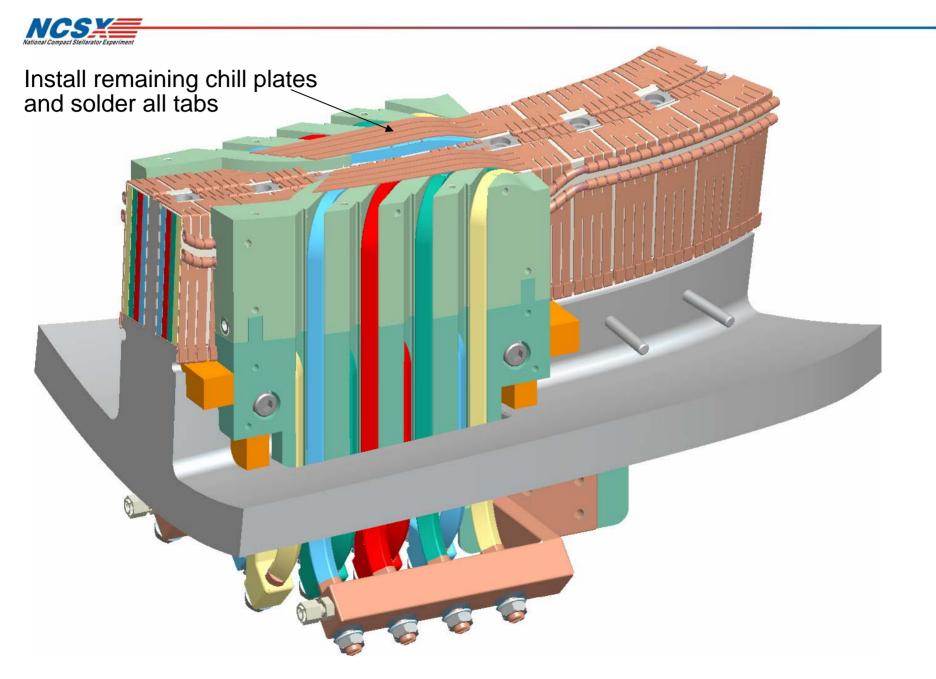


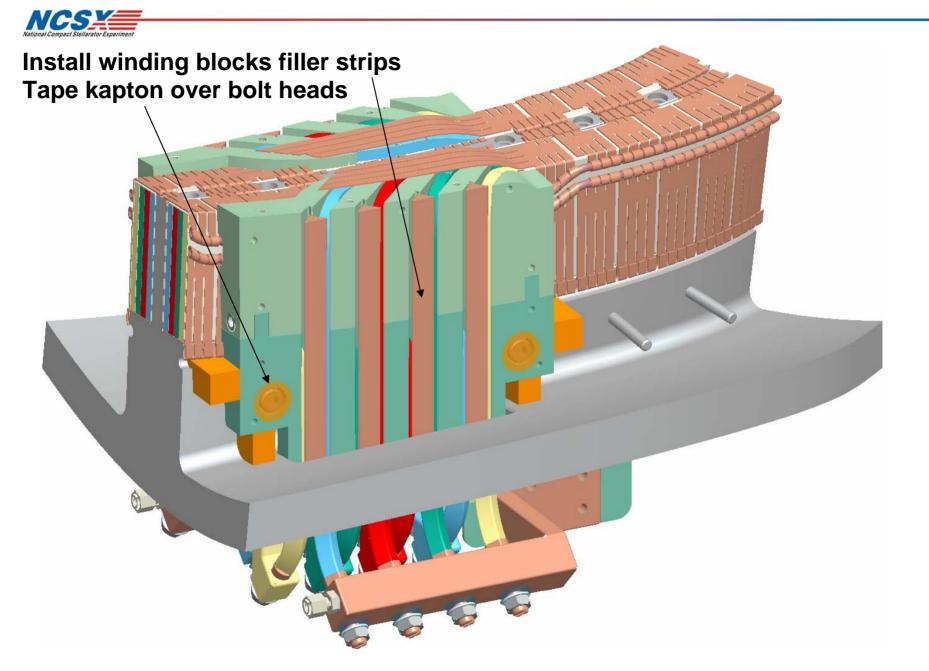
- Insert upper leads in upper winding blocks
 Measure leads, cut and braze cones
 Securely fasten all connections

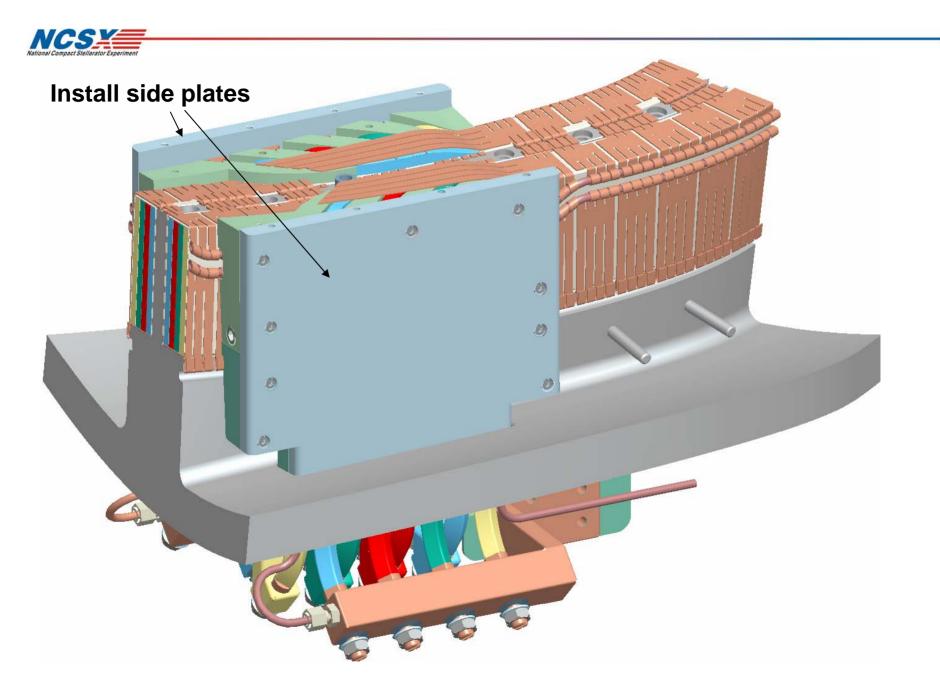
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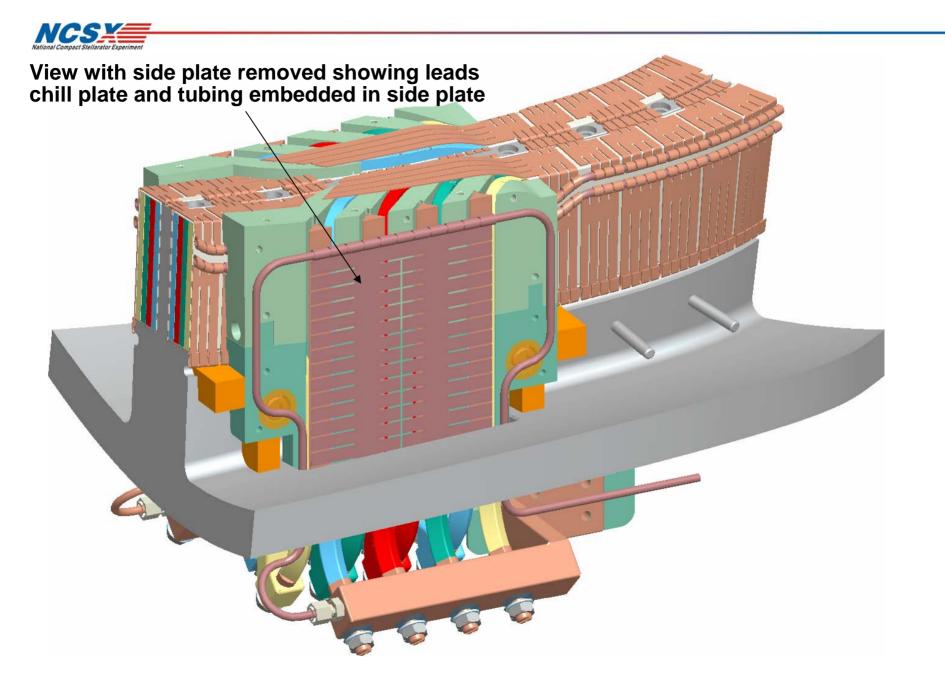


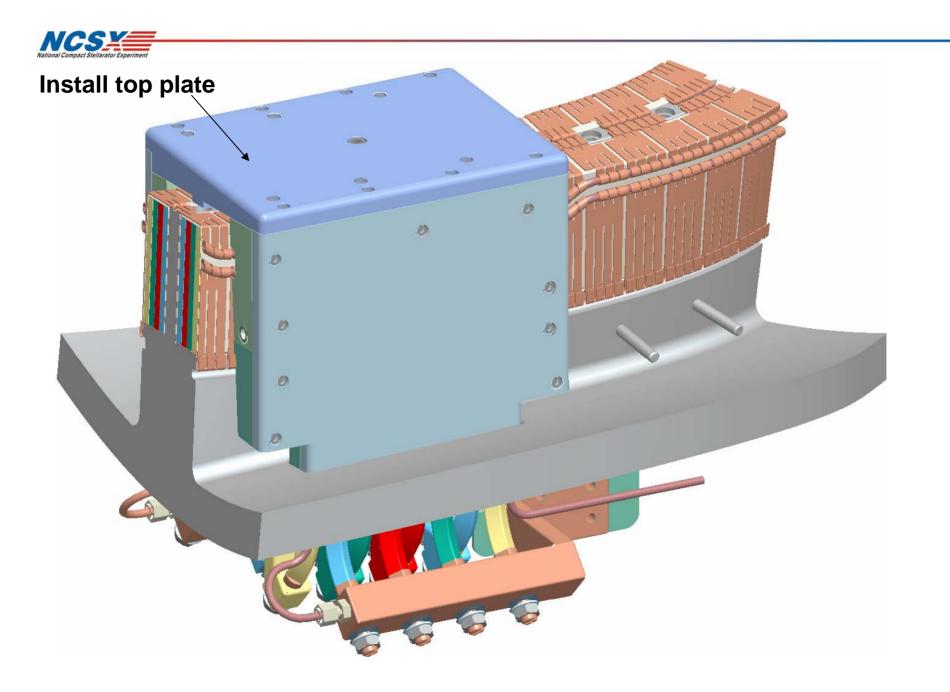


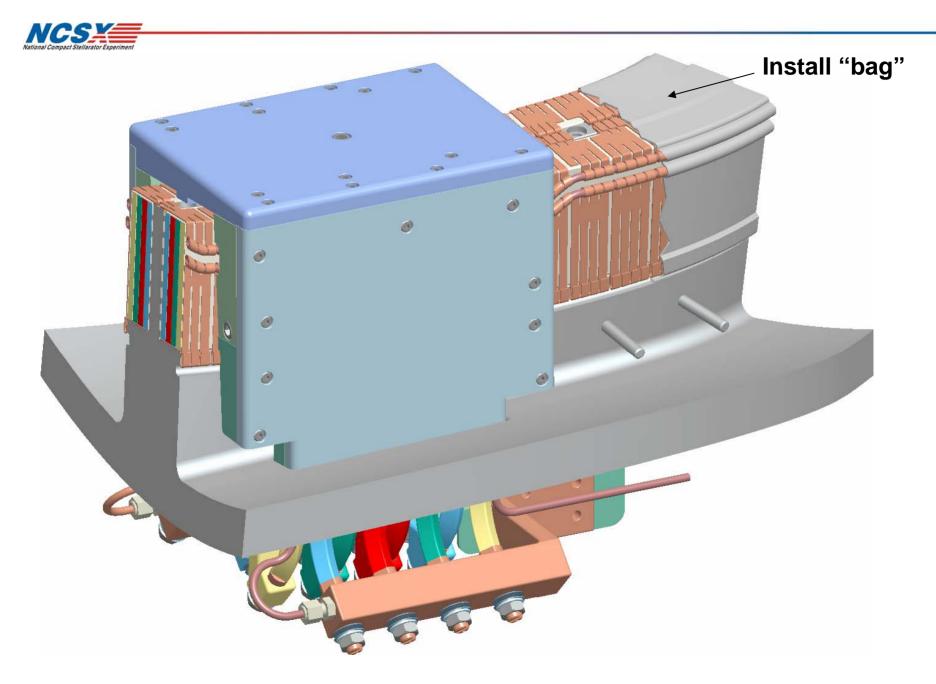




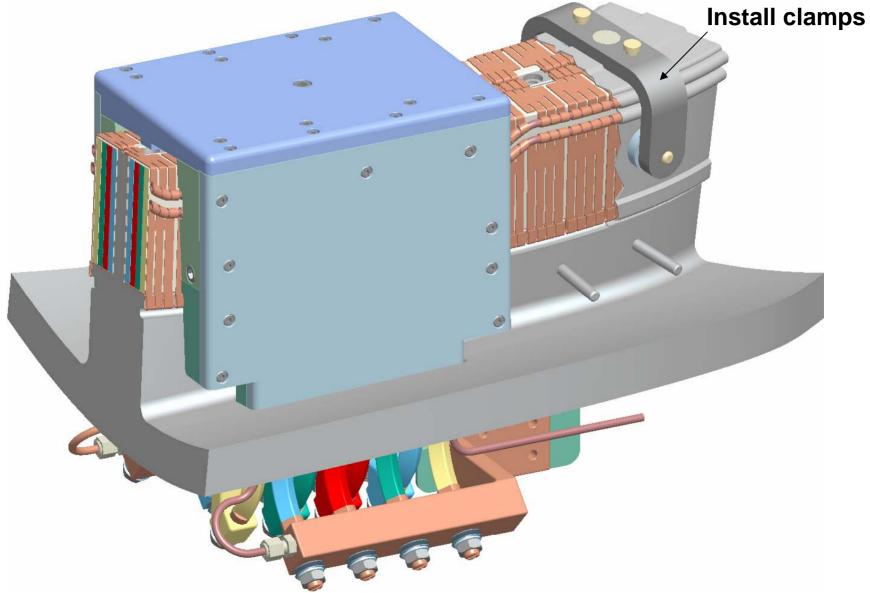


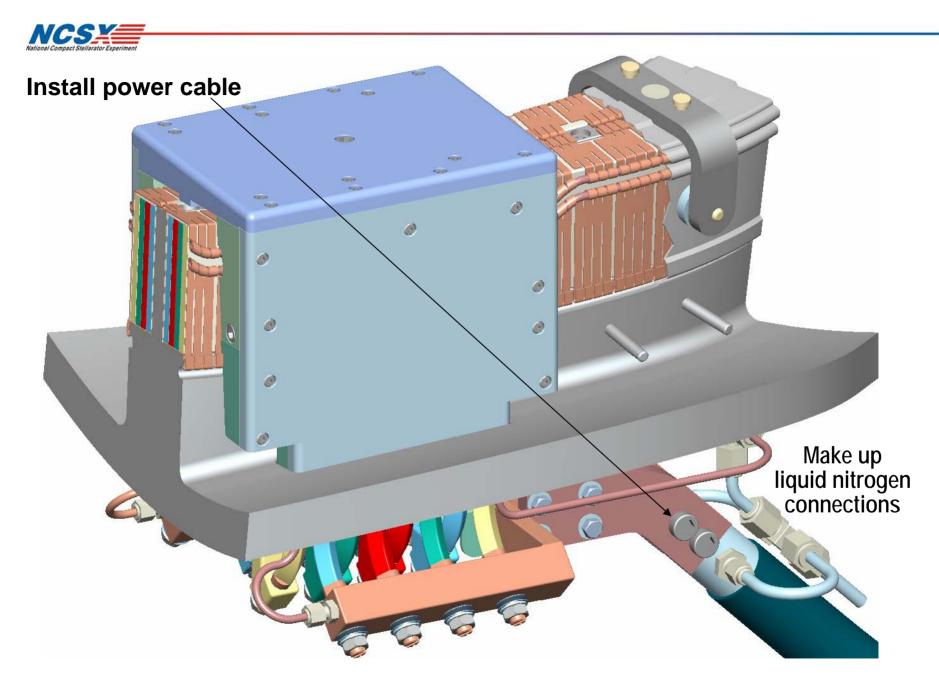




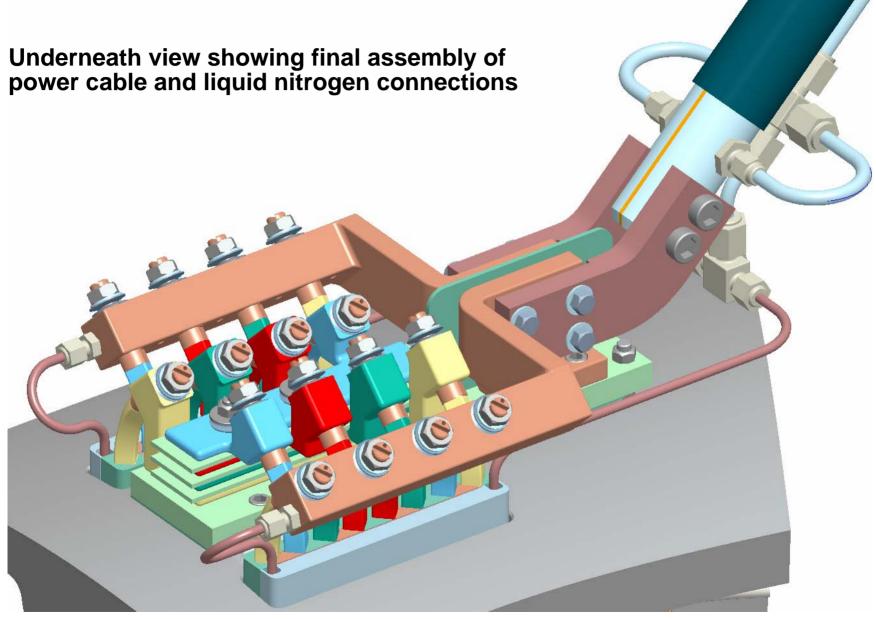




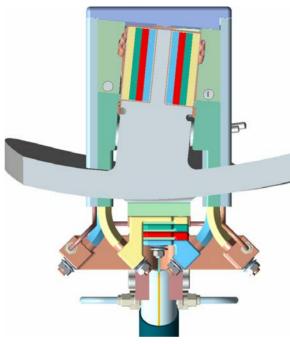


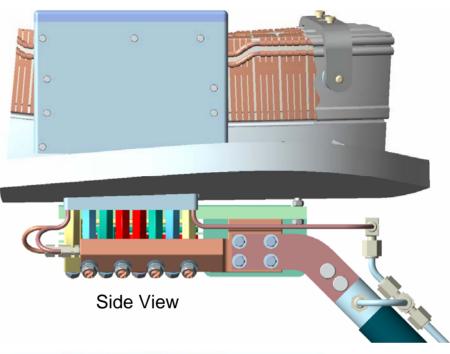






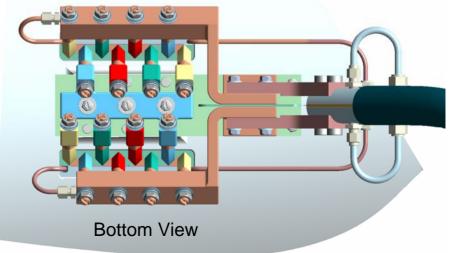


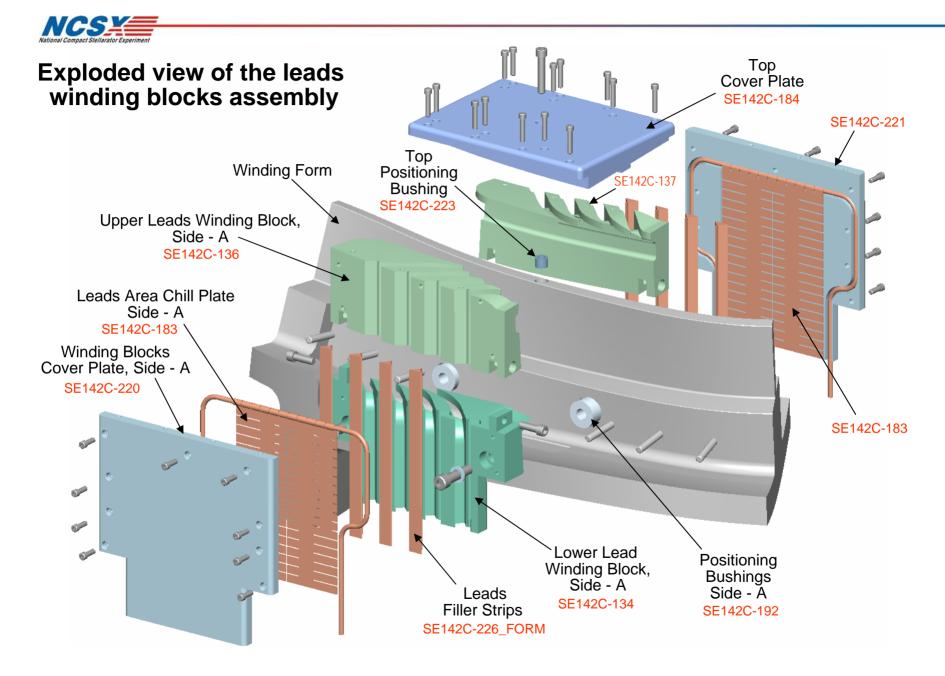


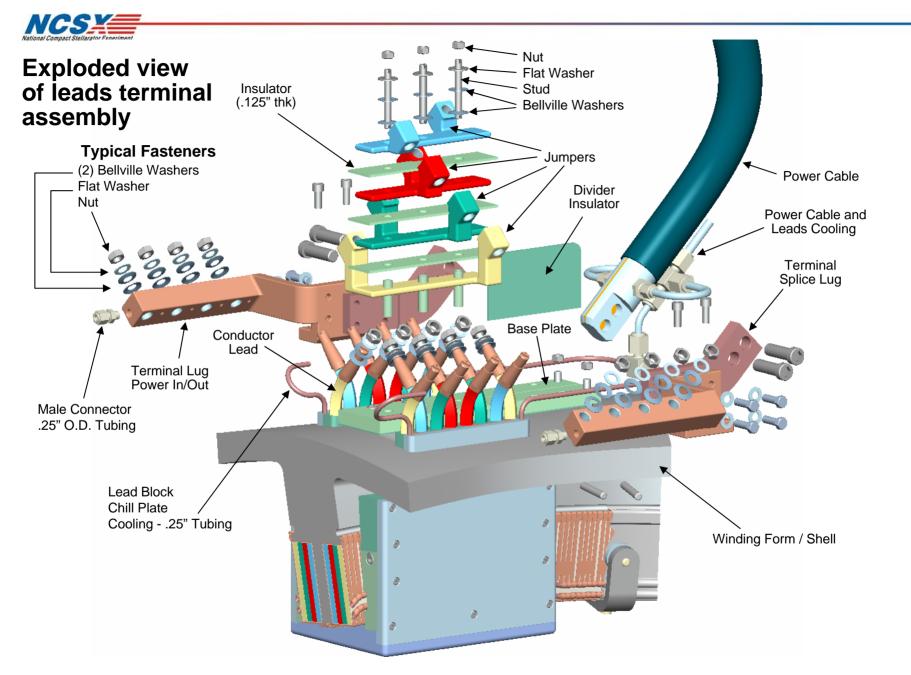


End View

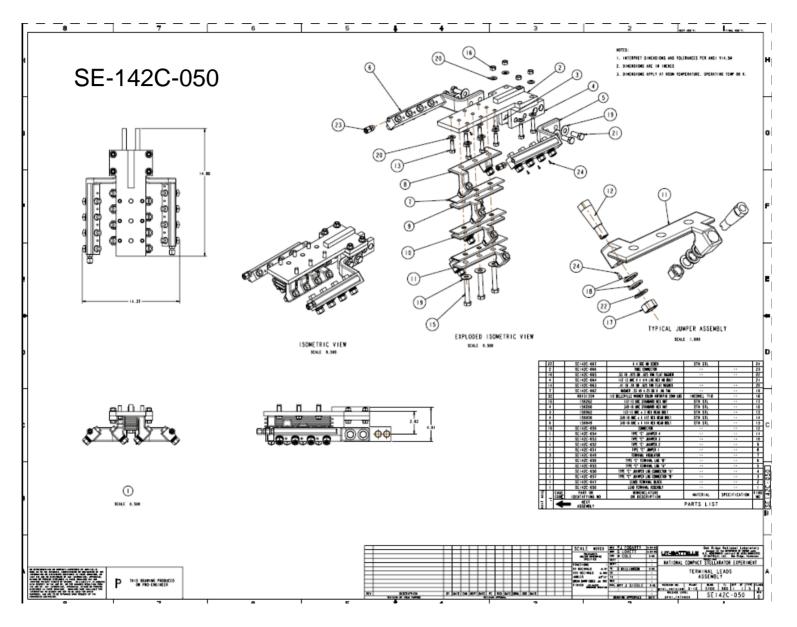
3 views of the leads winding blocks assembly









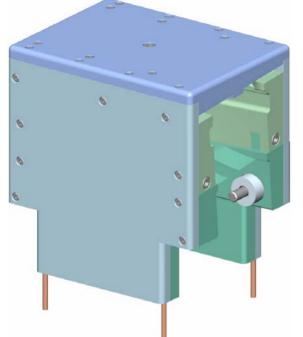


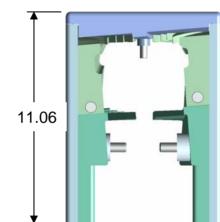
June 30, 2005

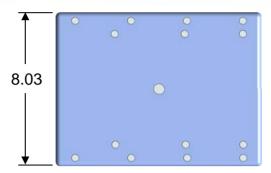
FDR- Modular Coil, Type C Assembly

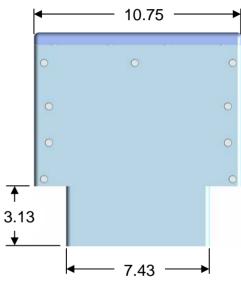


Views of the leads winding blocks assembly

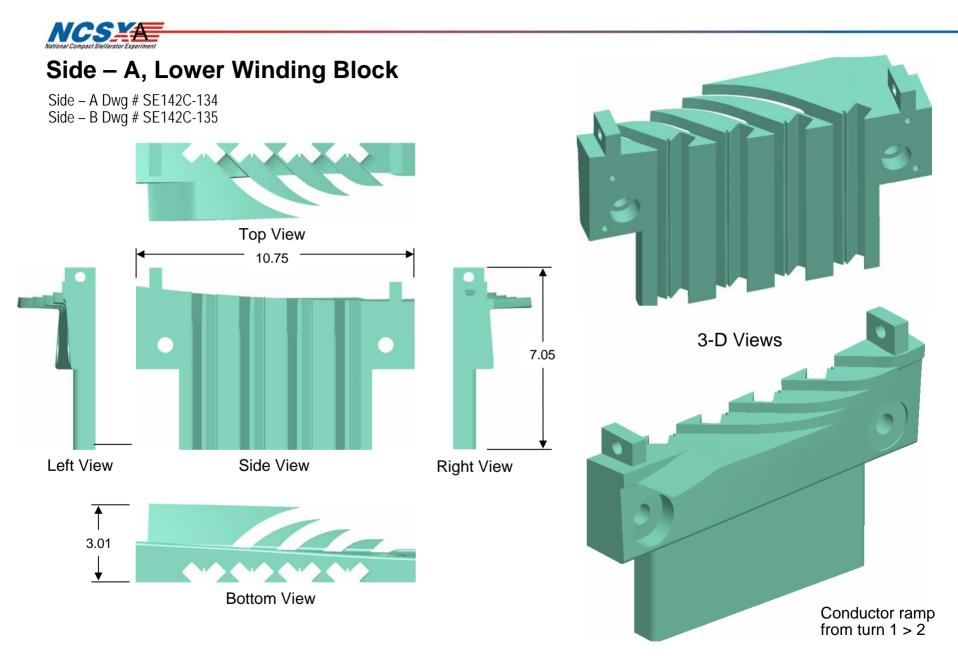




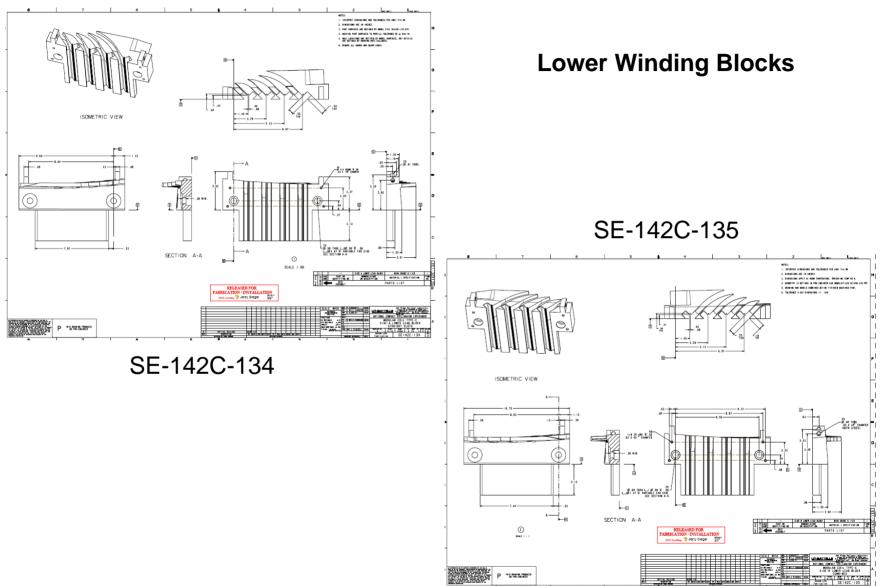


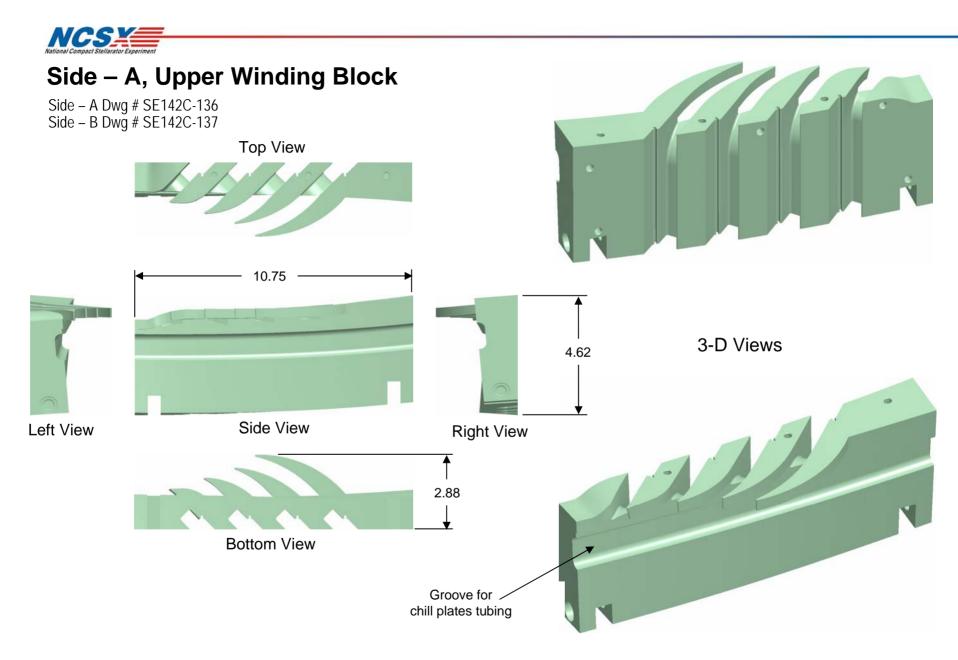




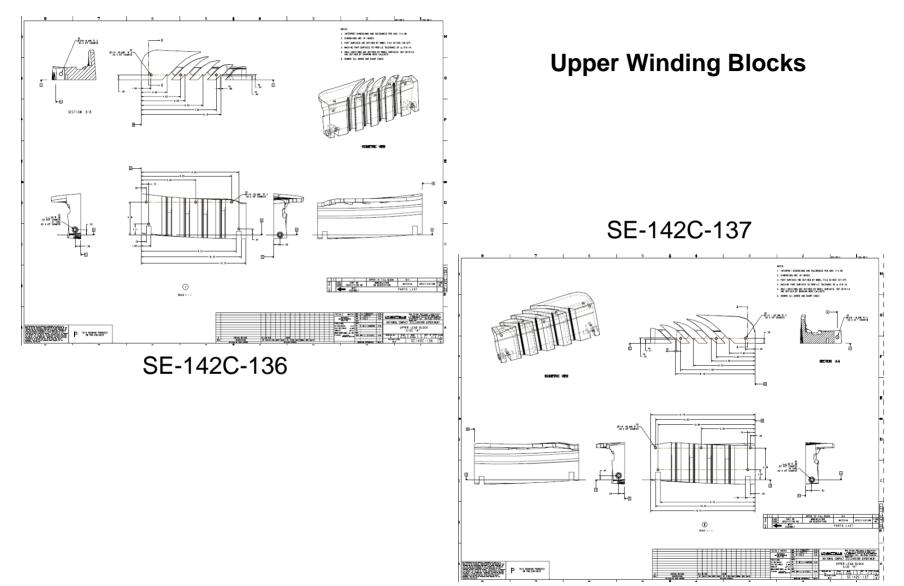






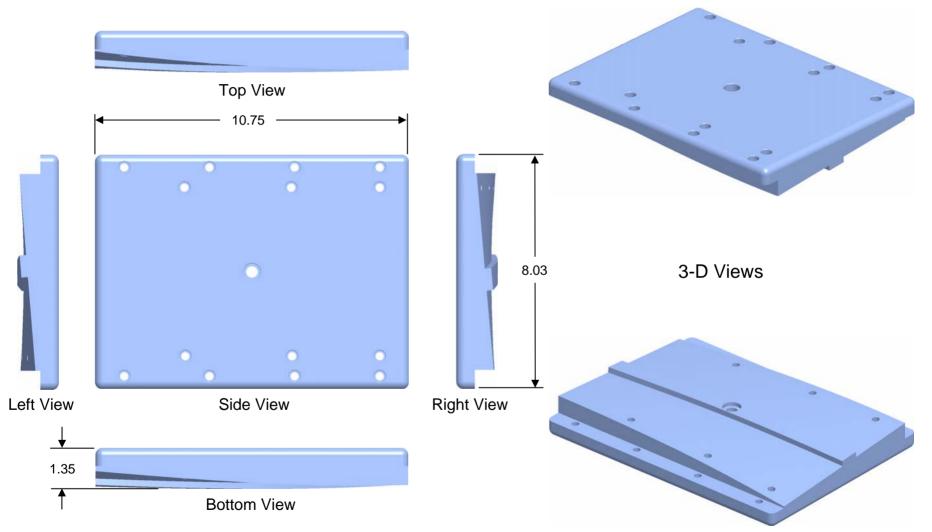






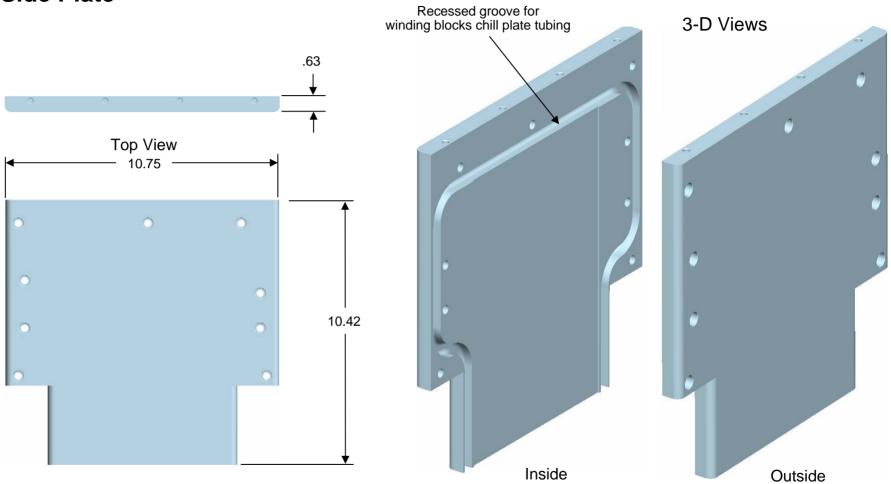


Top Plate

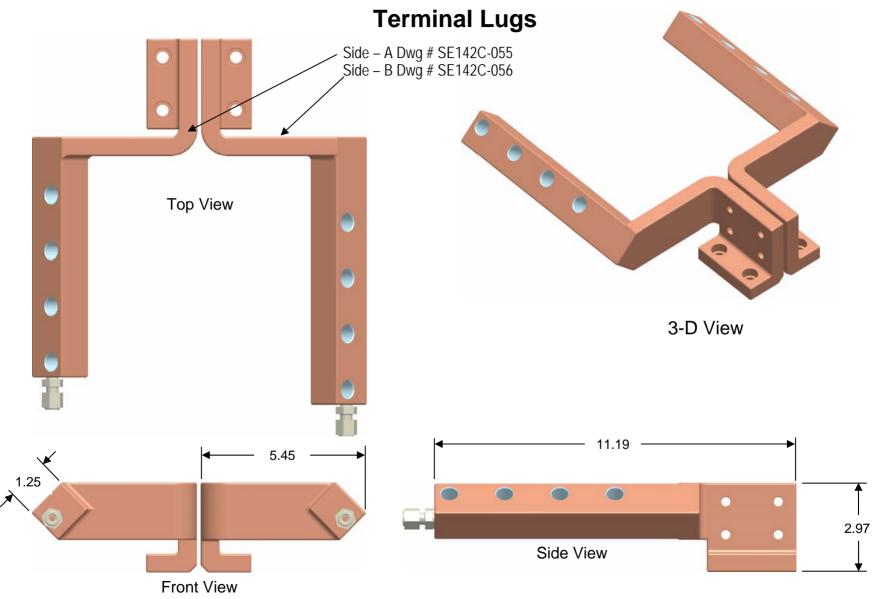




Side Plate

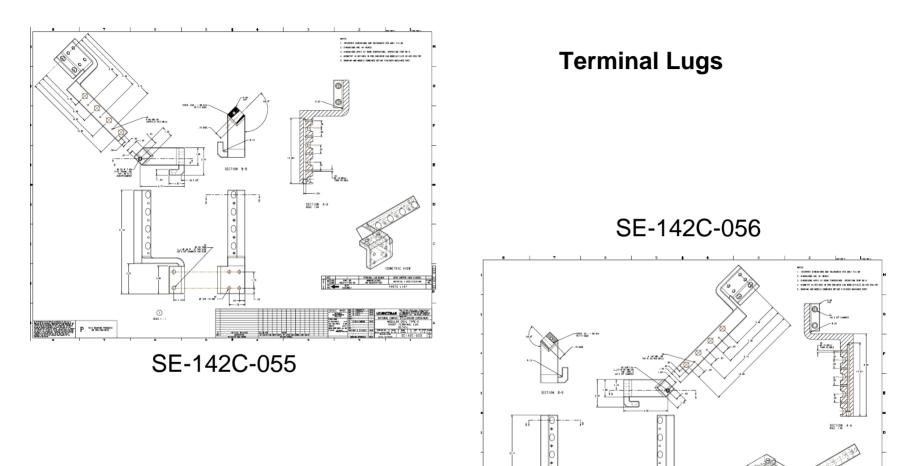






FDR- Modular Coil, Type C Assembly





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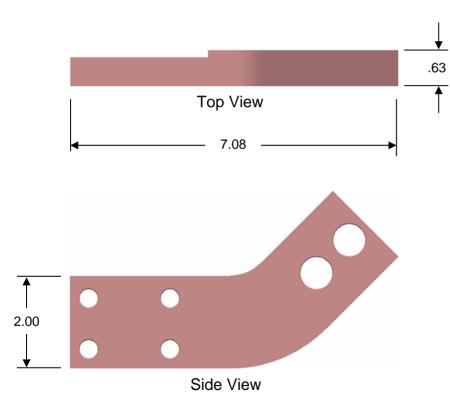
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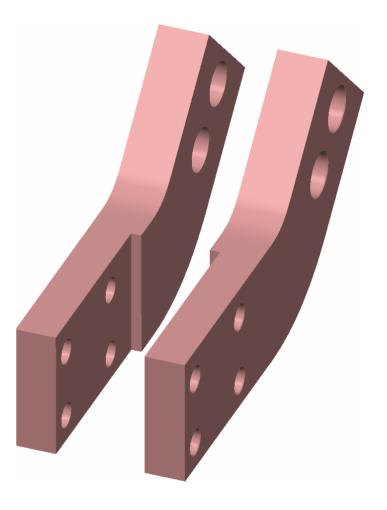
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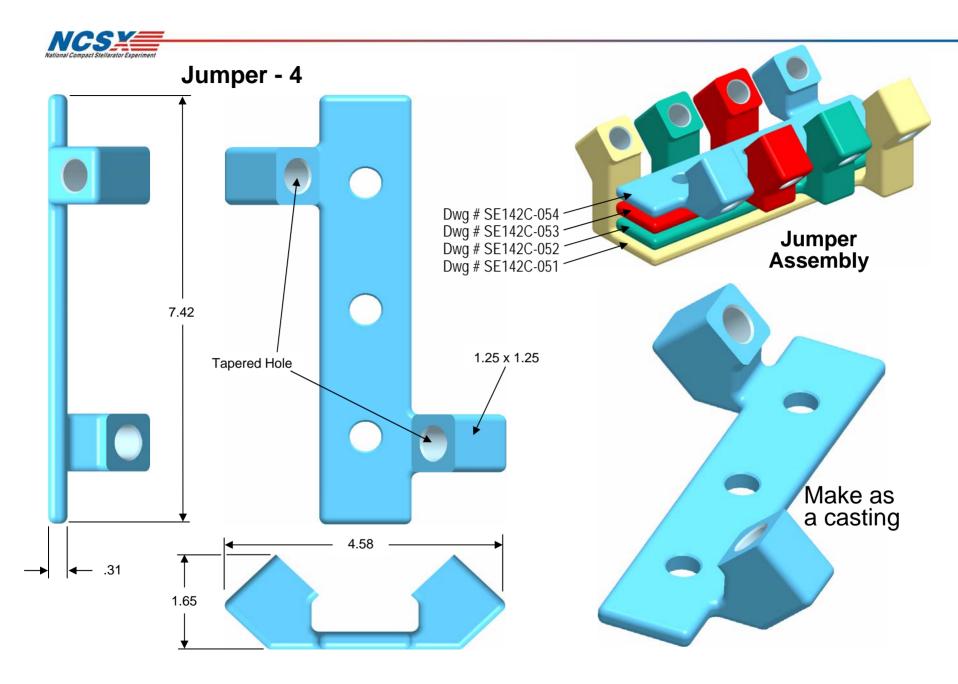


Terminal Splice Lugs

Side – A Dwg # SE142C-263 Side – B Dwg # SE142C-264

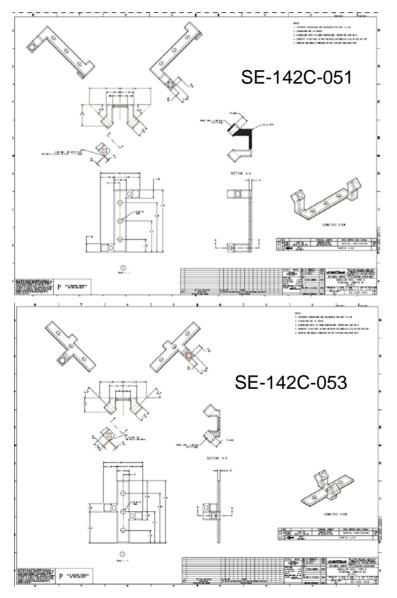


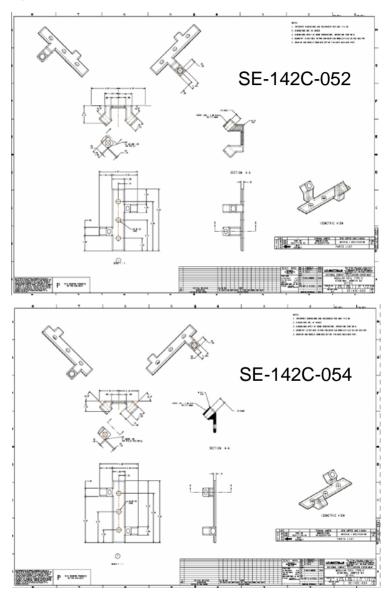






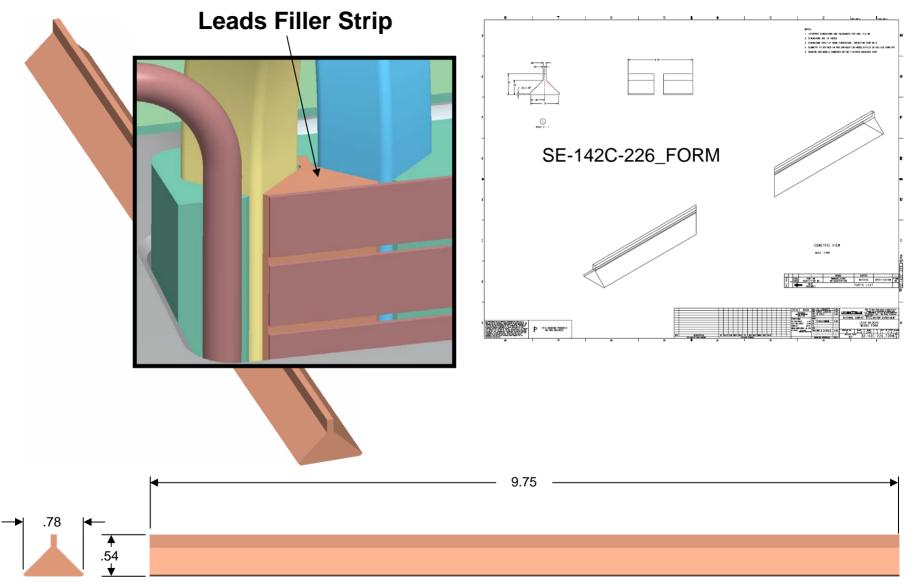
Terminal Jumpers

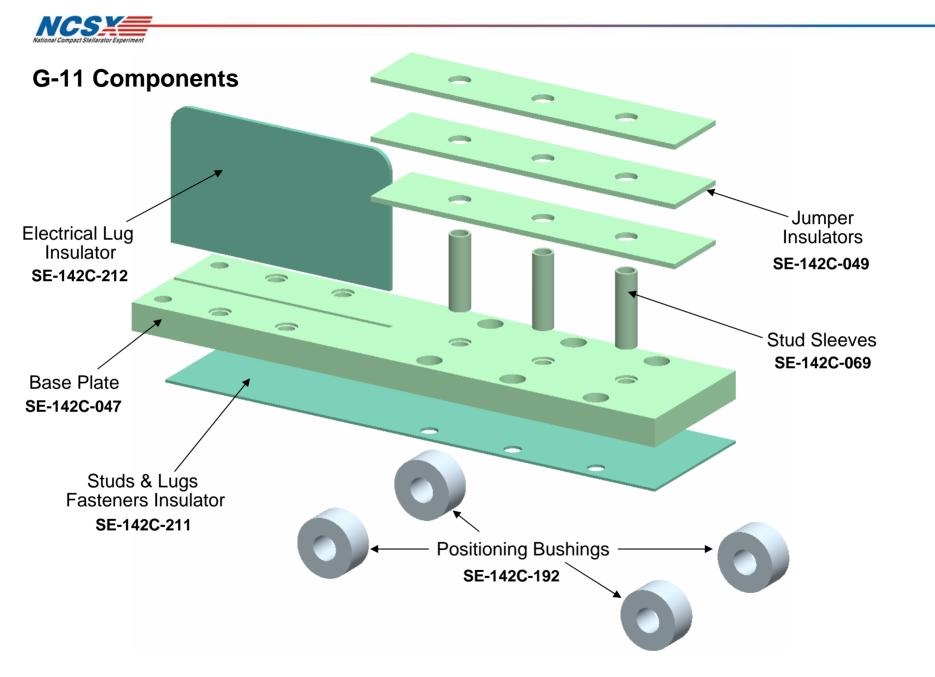




FDR- Modular Coil, Type C Assembly

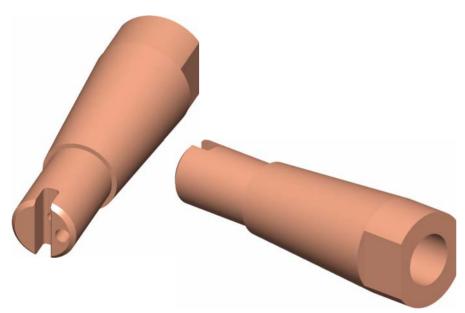


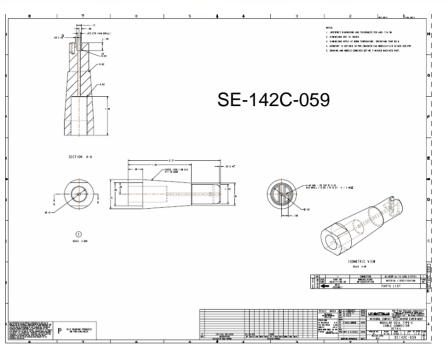


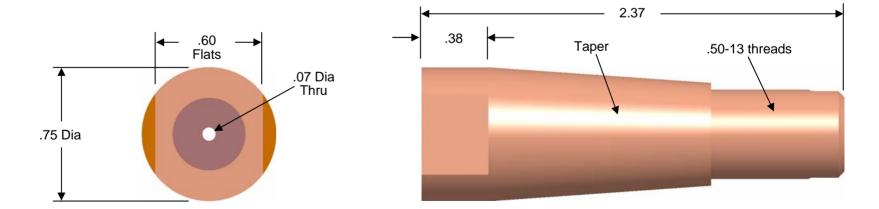




Conductor Lead Nosecone









Da END