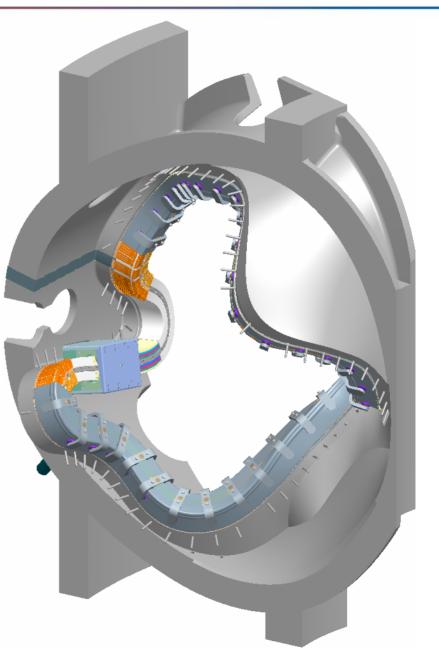


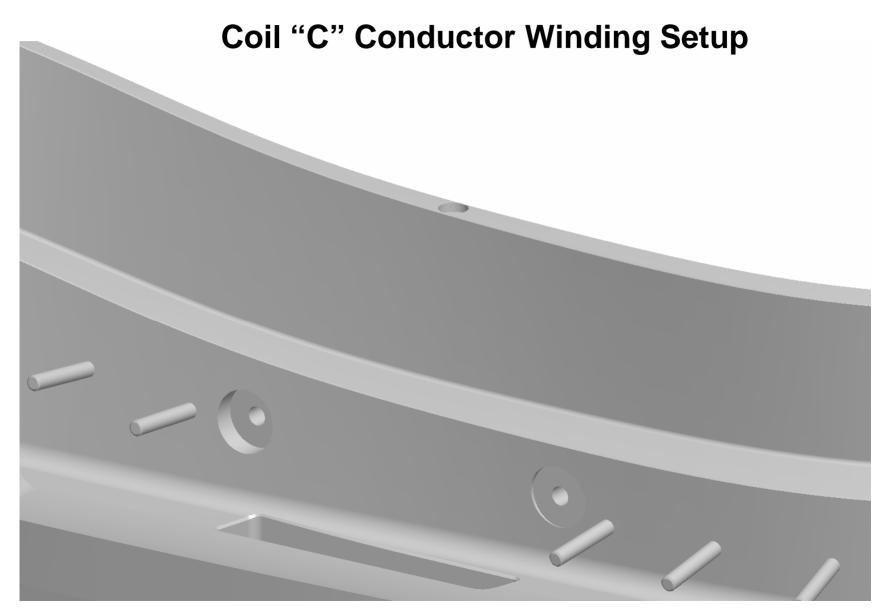
# Modular Coil Type C Assembly

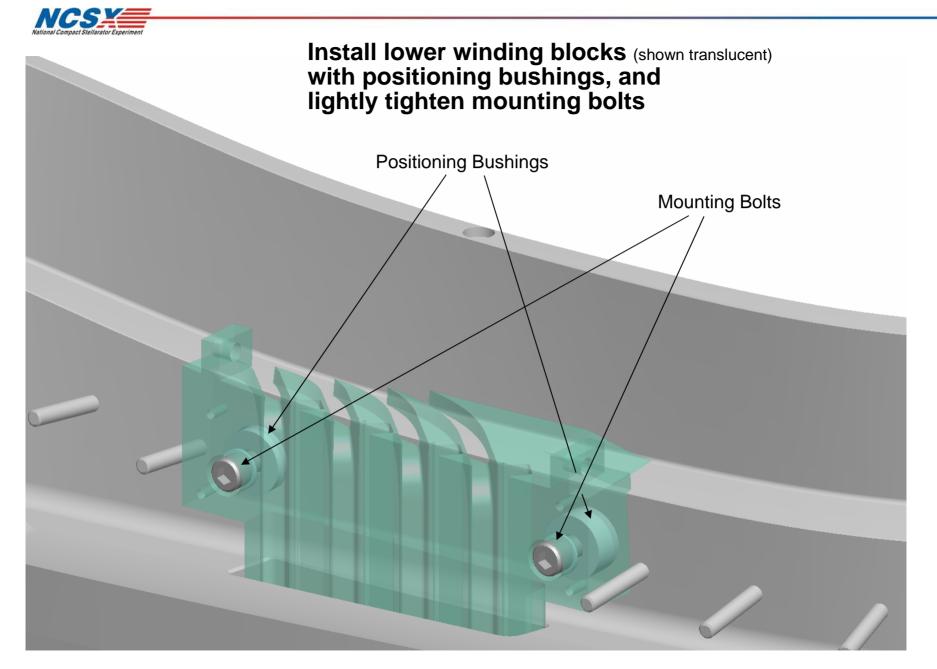
## **Winding Process**

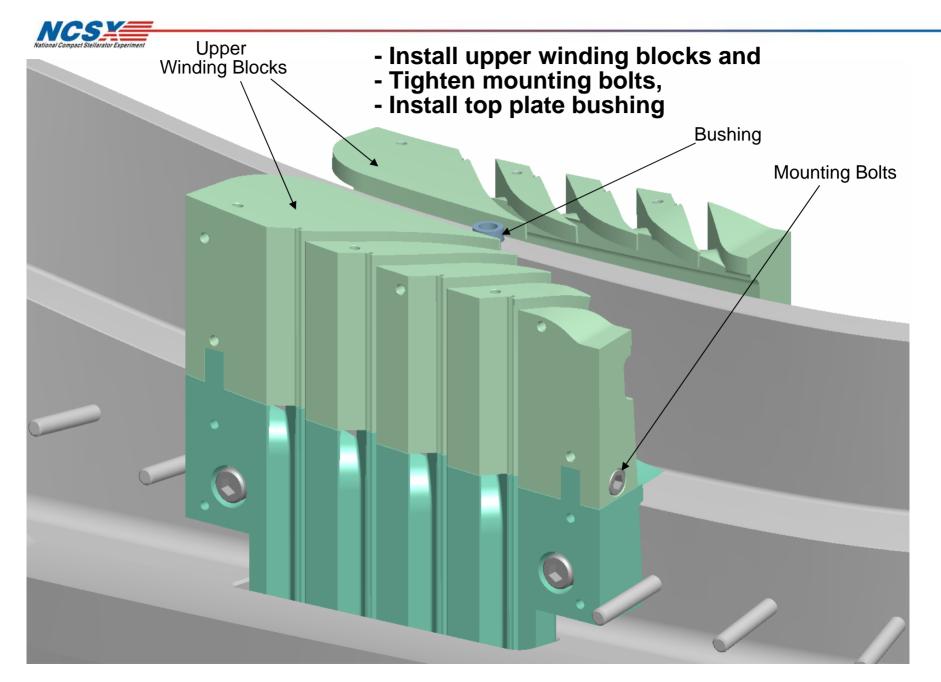
P. Fogarty, D. Williamson, B. Nelson M. Cole, G. Lovett, T. Hargrove

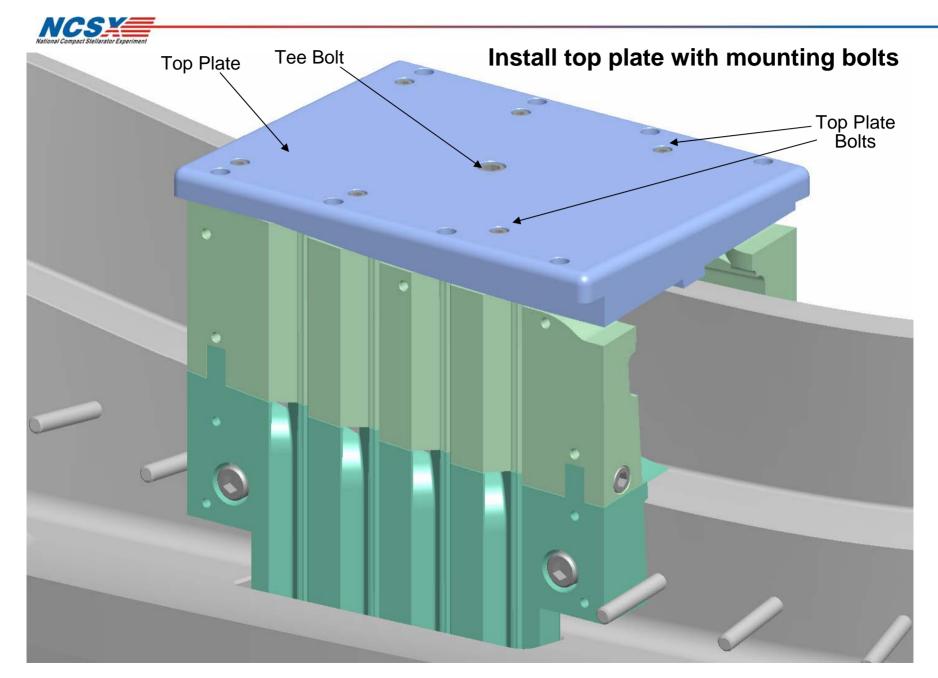


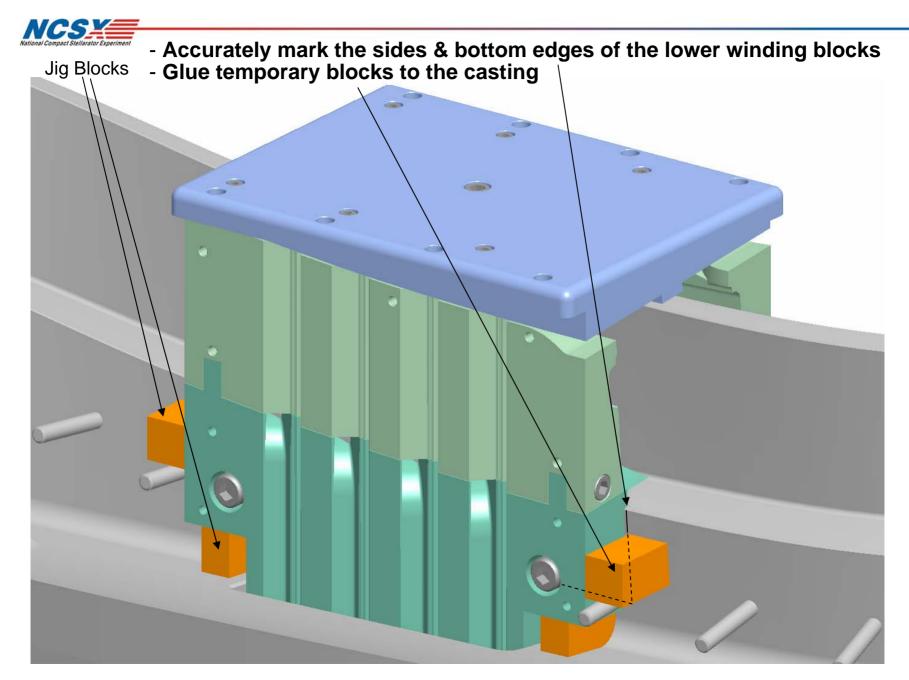


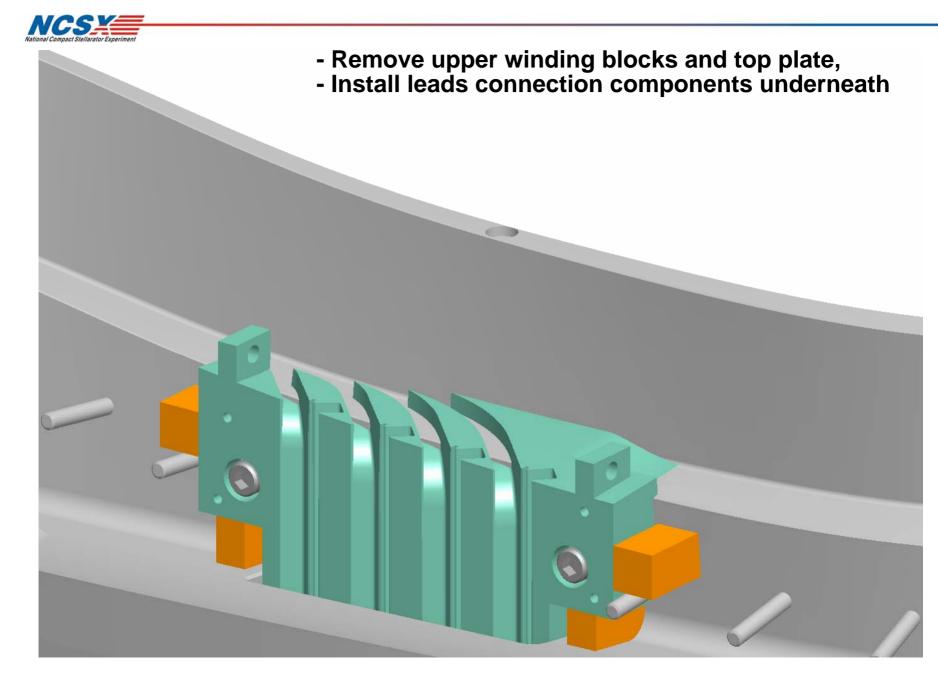


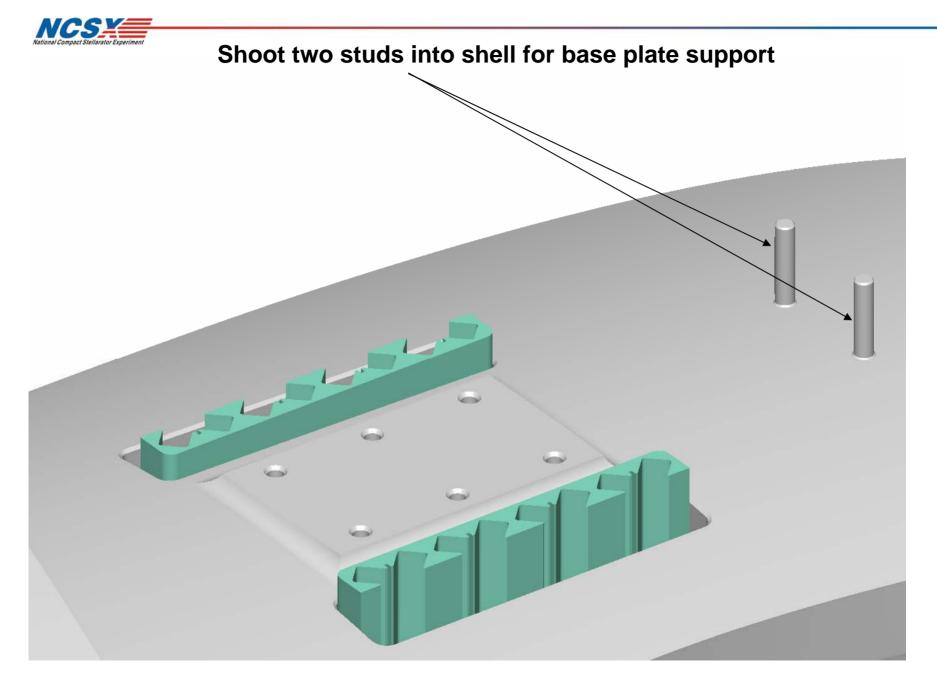




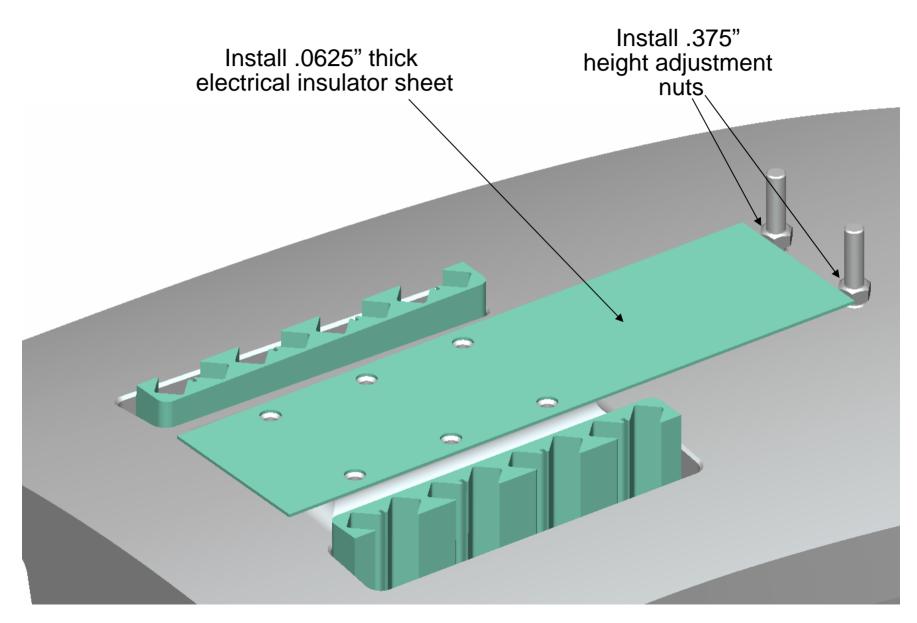












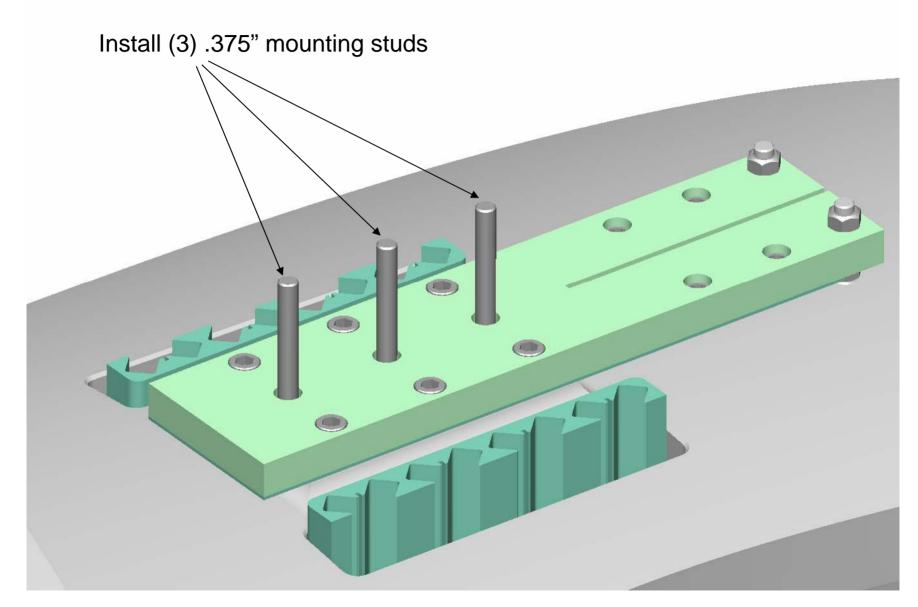


- Install base plate with (6) .375" mounting bolts
- Install (7) .375" threaded inserts for studs, bolts
- Install lock nuts at end of base plate

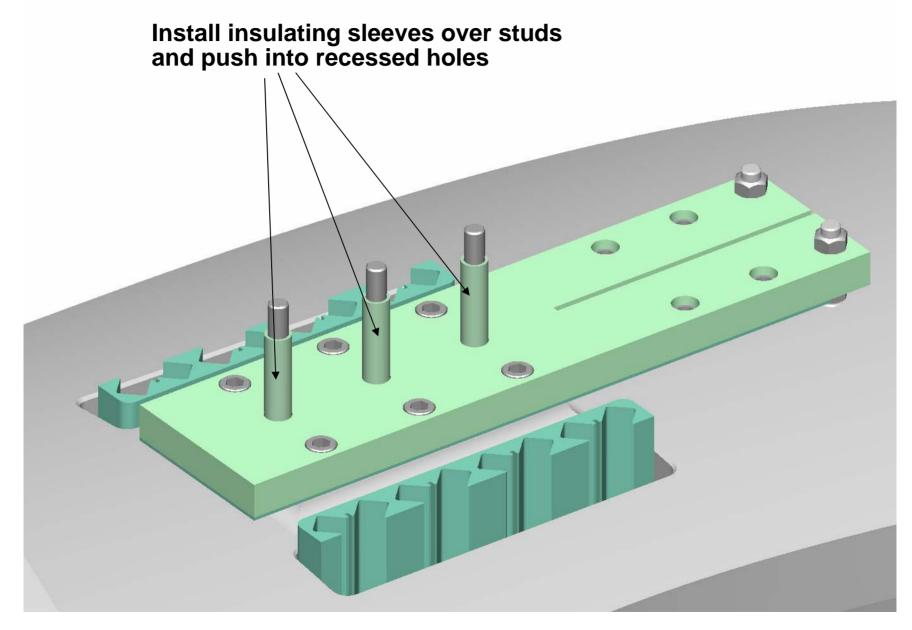
Lock Nuts

Threaded Inserts **Mounting Bolts** 

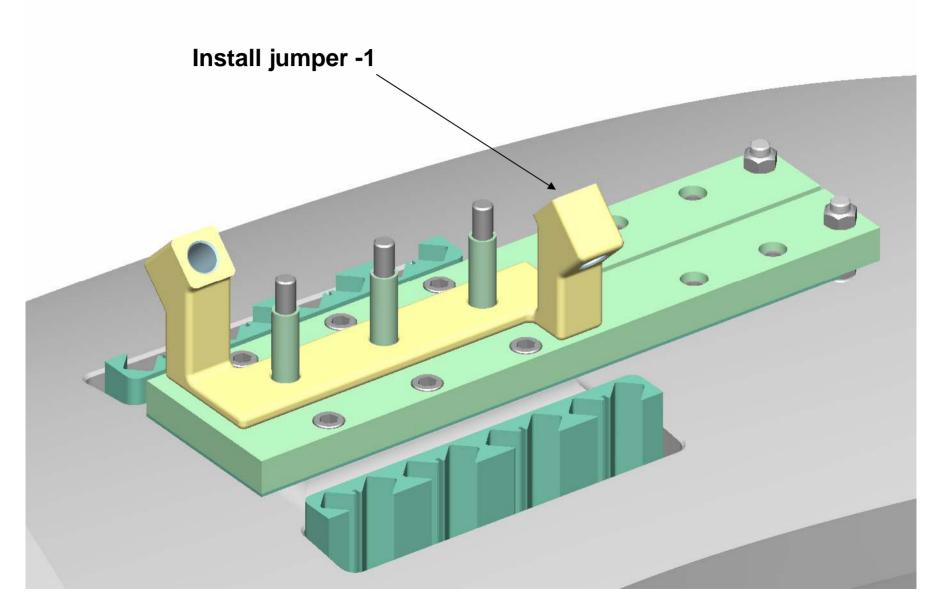








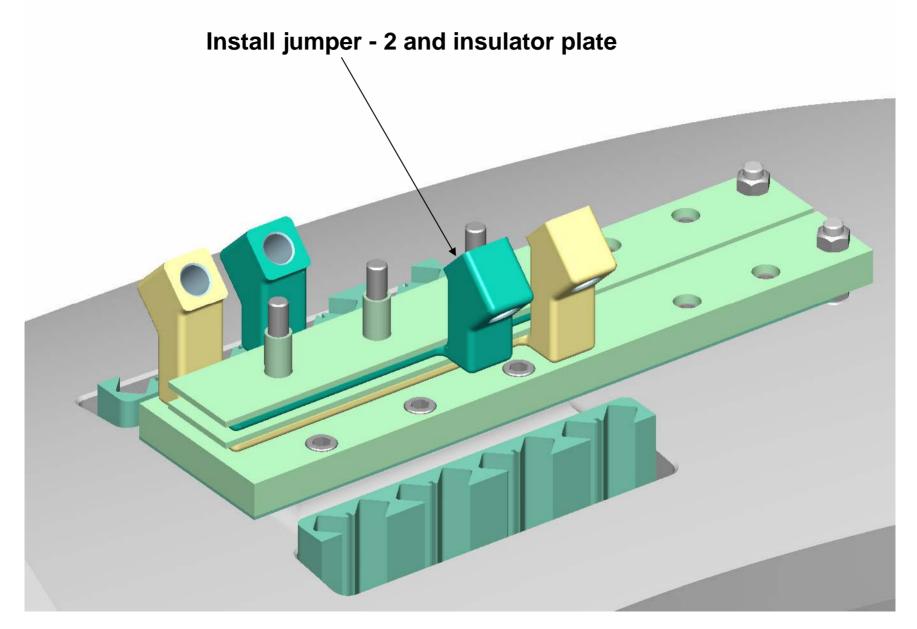






### Install .125" thick insulator plate



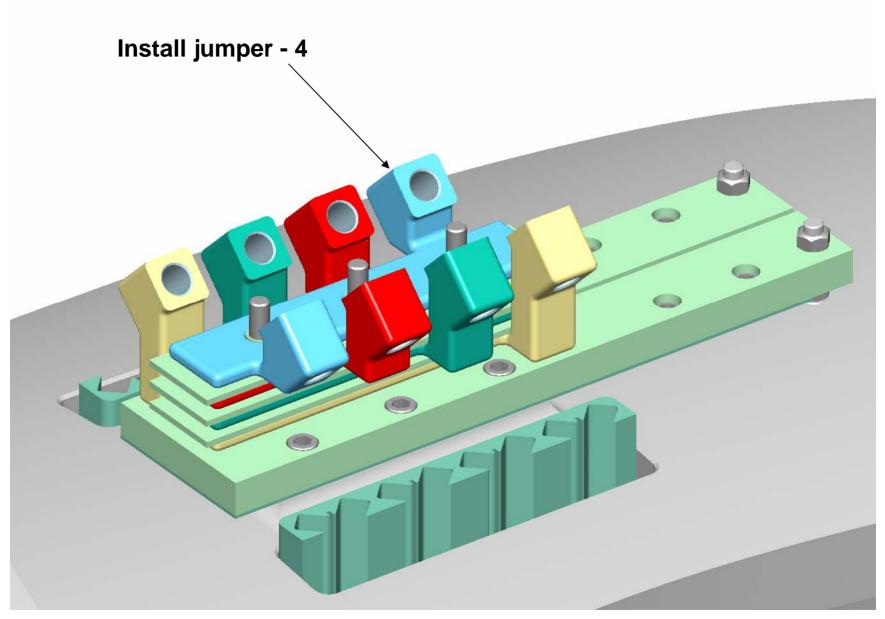




### Install jumper - 3, and insulator plate

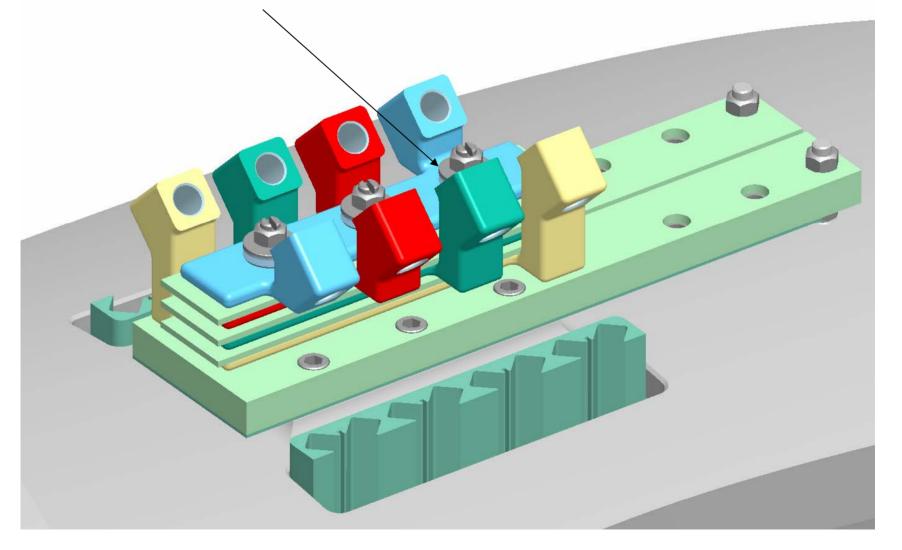
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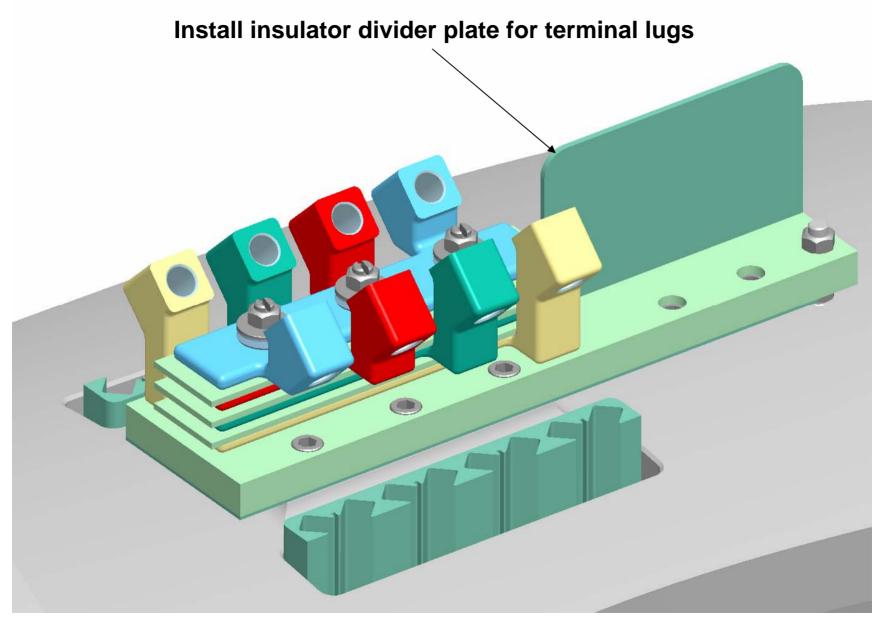




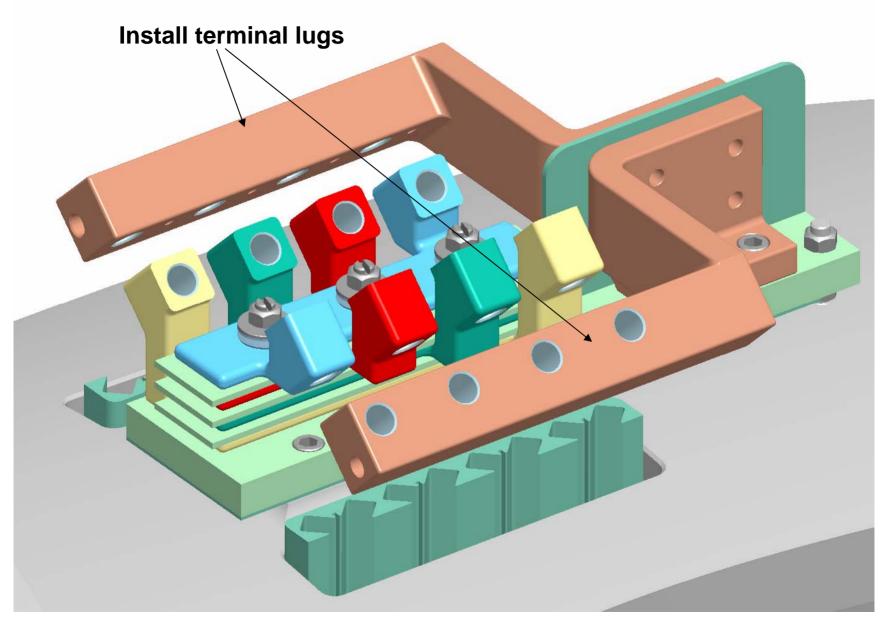
#### Install (2) bellville washers, (1) flat washer, and (1) nut (each stud)

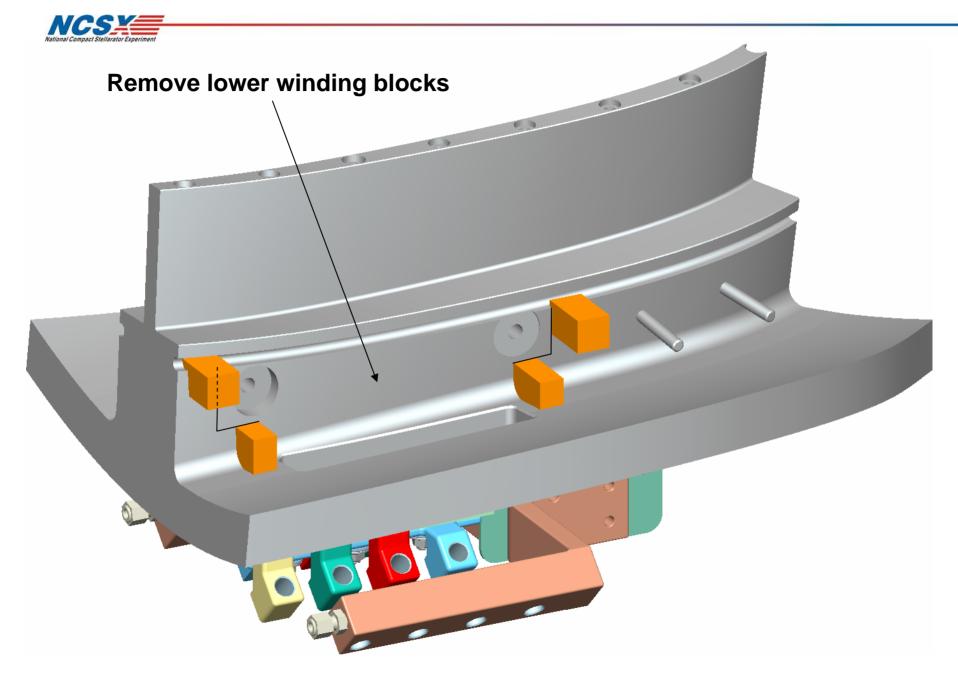


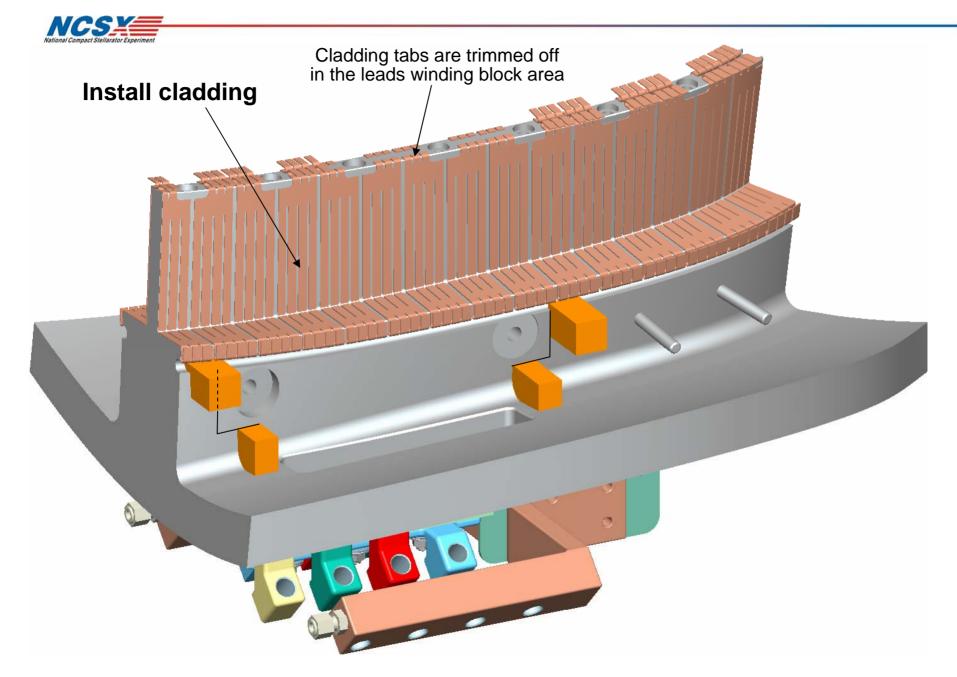


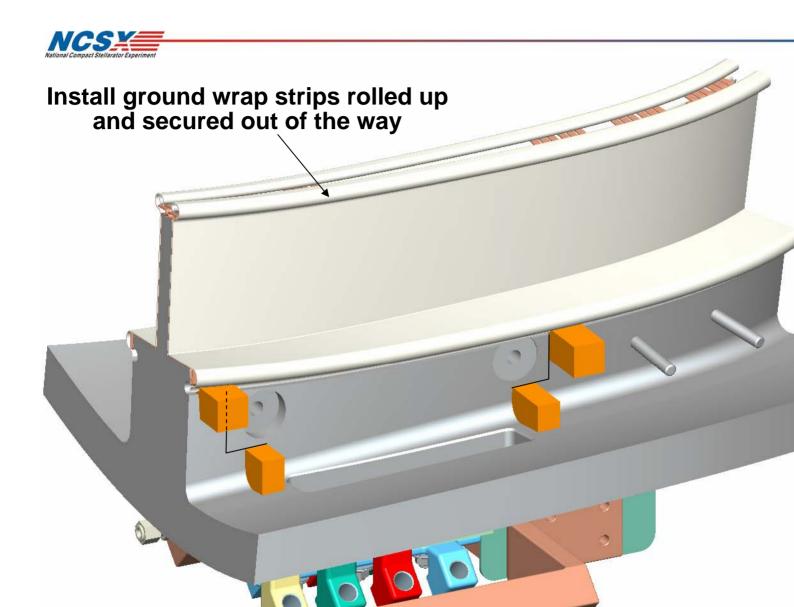




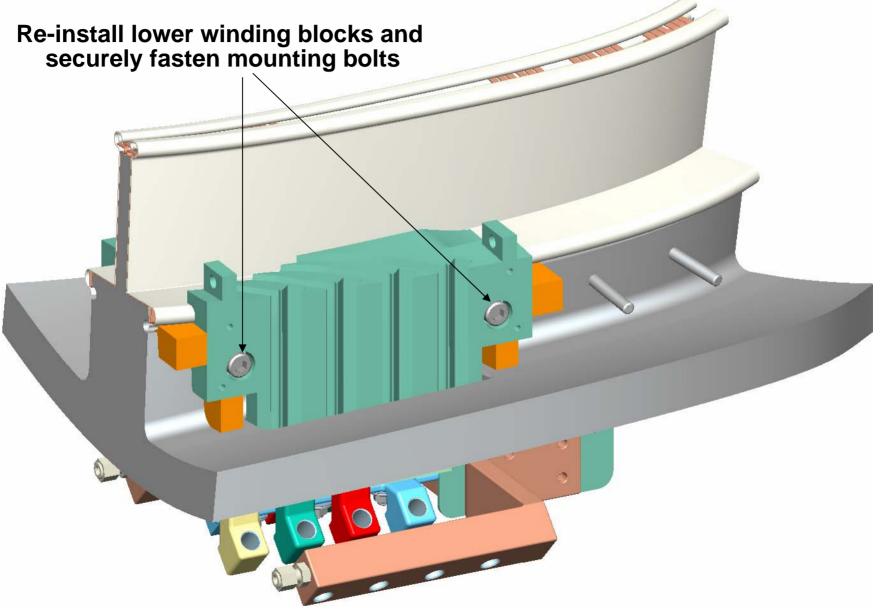










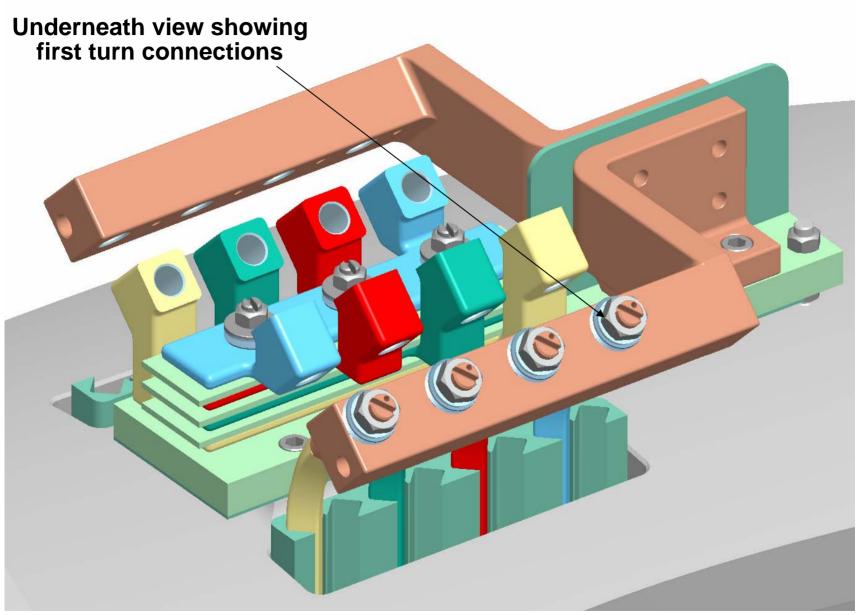




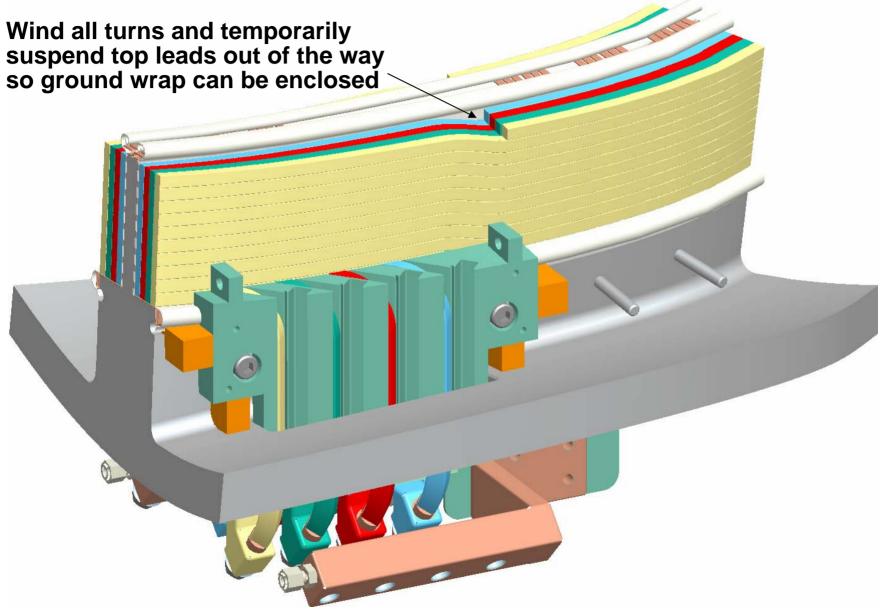
- Measure & cut conductor lengths
- Braze connector cones
- Wind first turn, secure connections

6

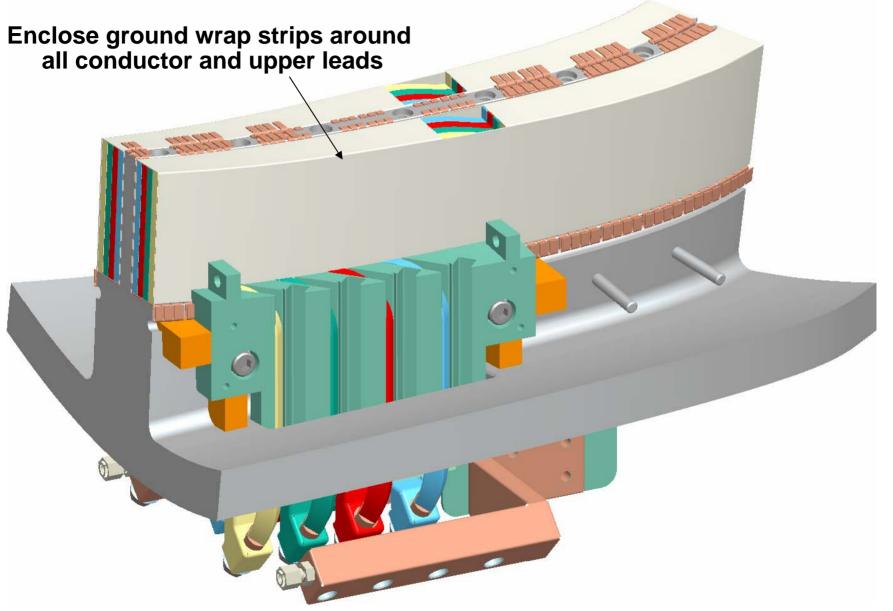






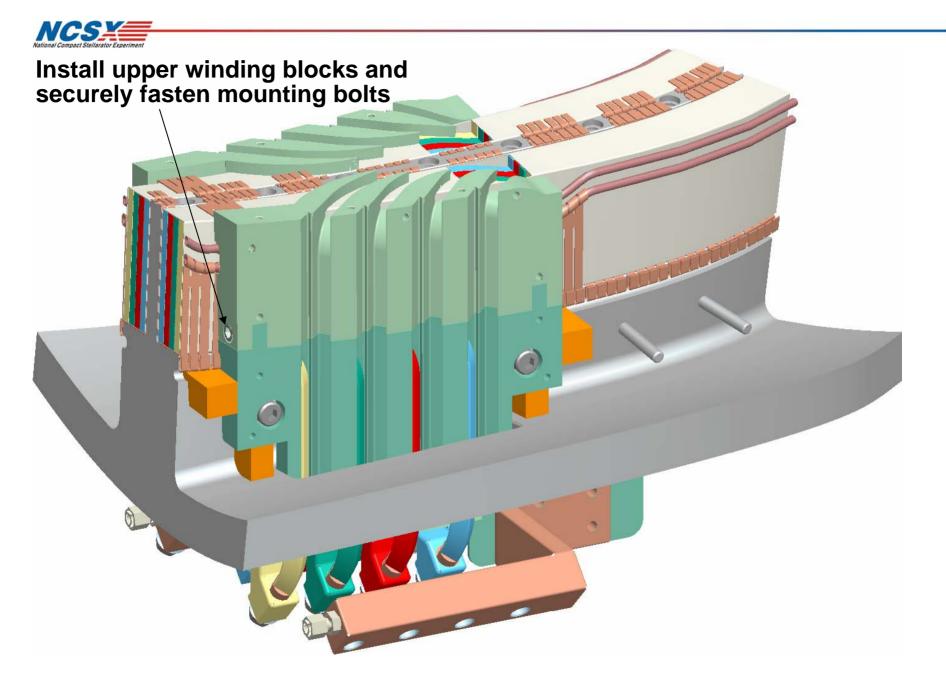








#### Install (10) modified lower chill plates (1) modified upper chill plate Solder the tabs to tubing

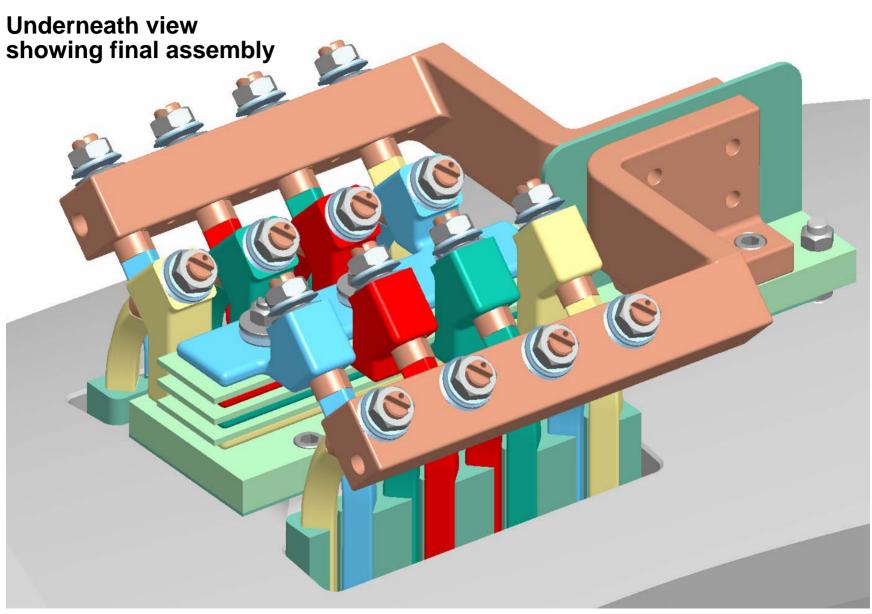


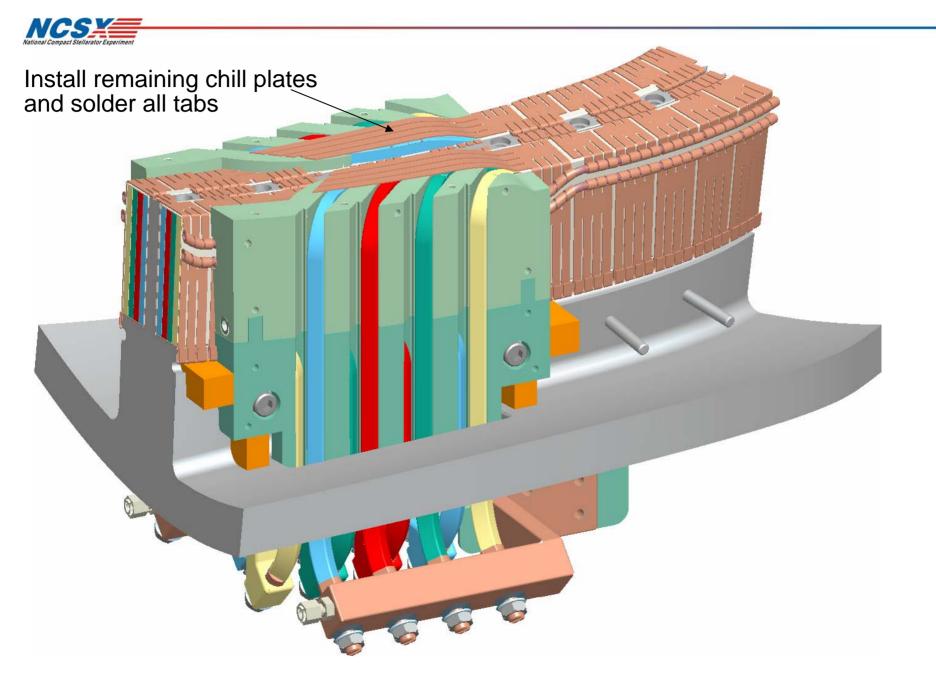


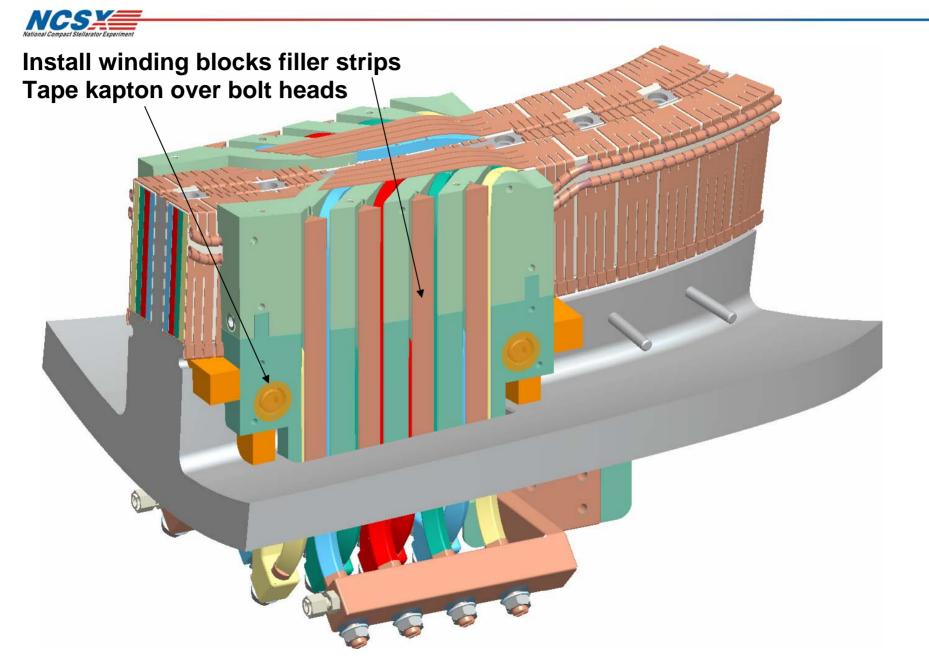
- Insert upper leads in upper winding blocks
  Measure leads, cut and braze cones
  Securely fasten all connections

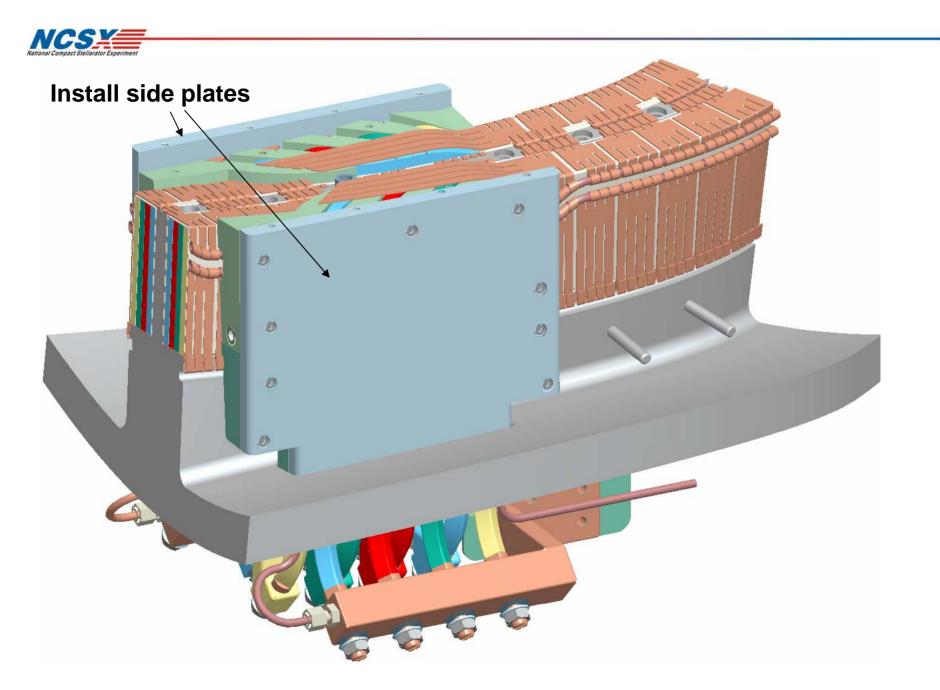
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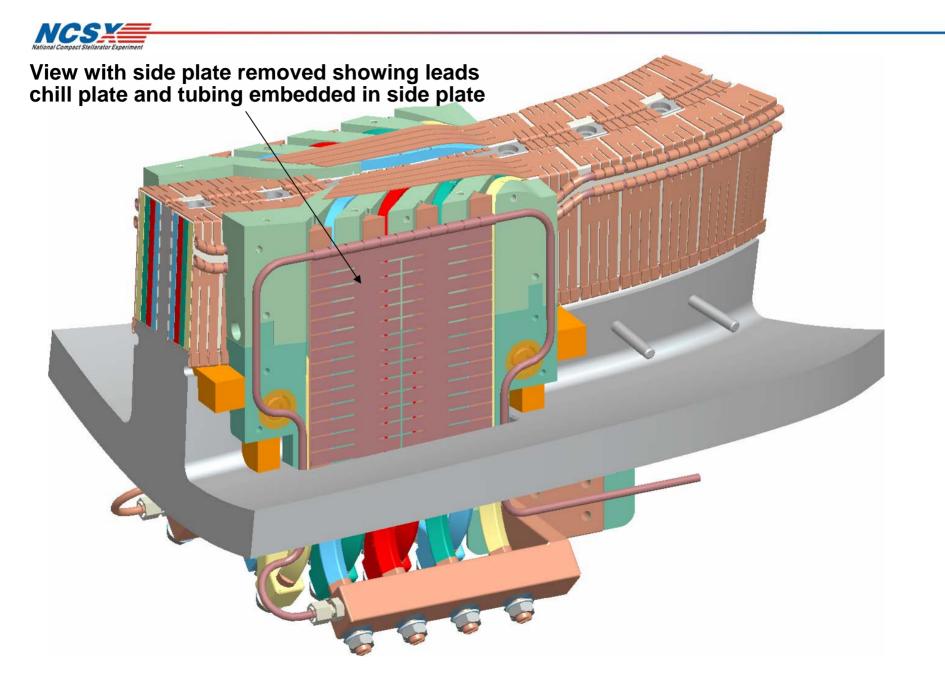


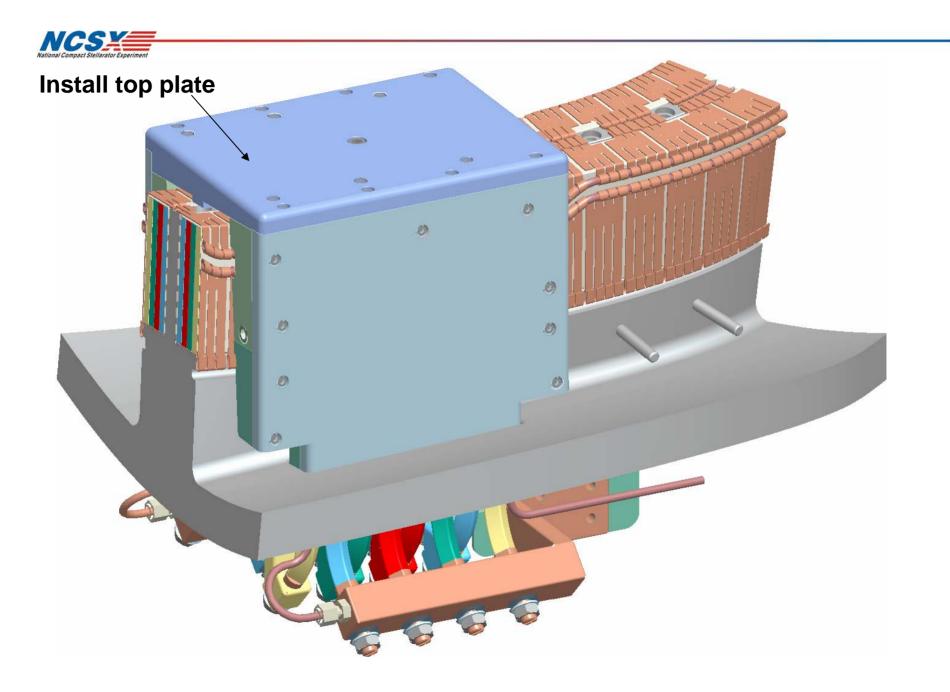


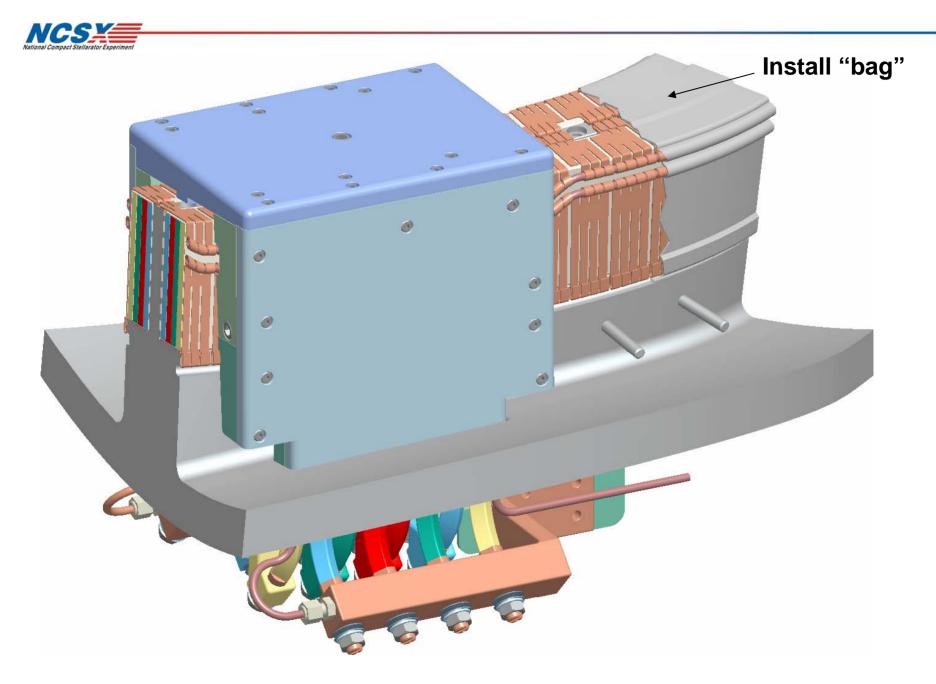




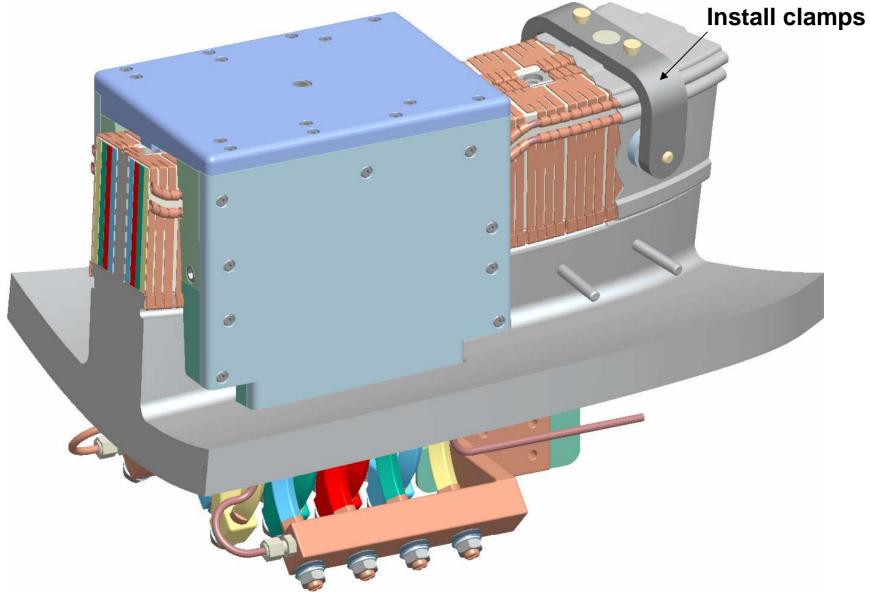


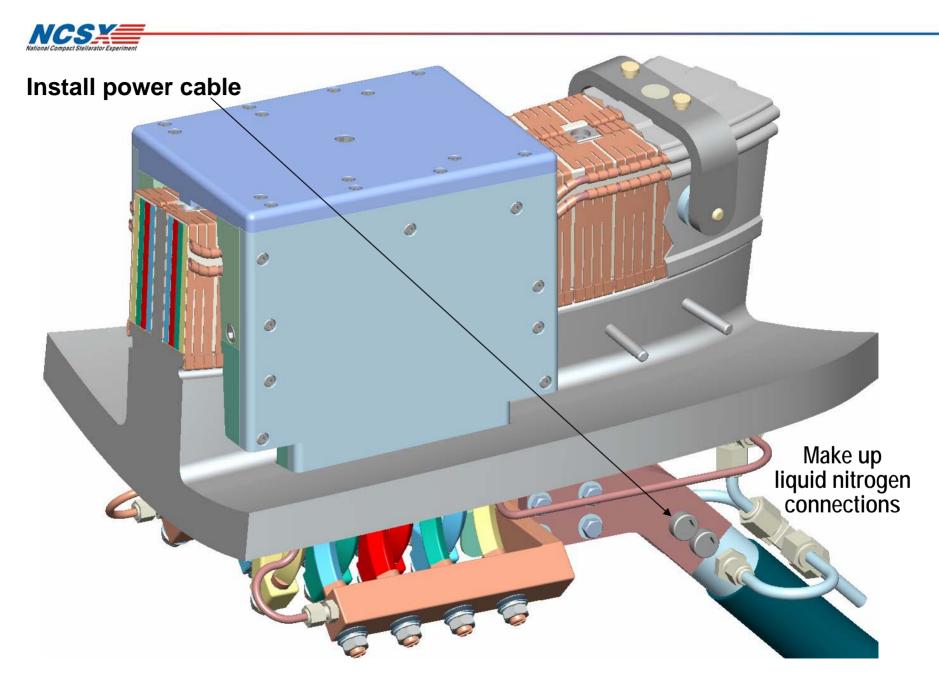




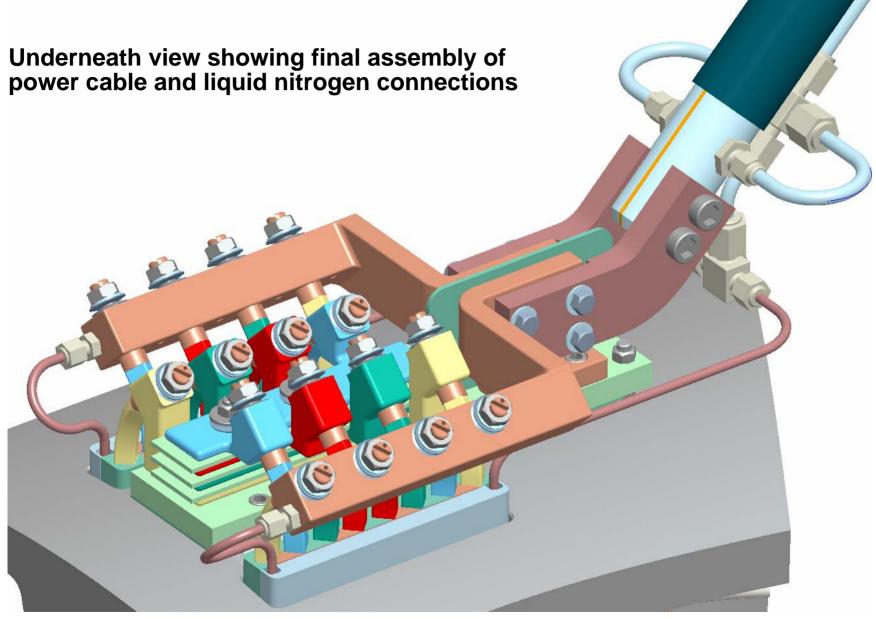




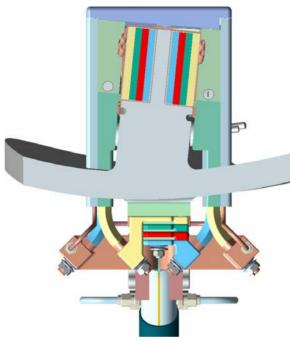


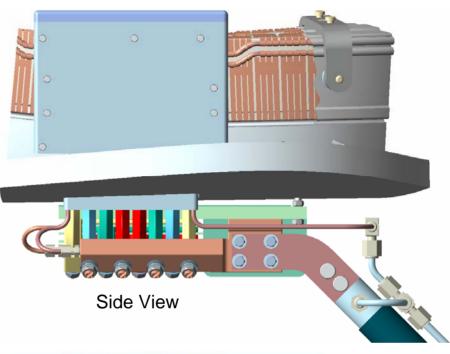






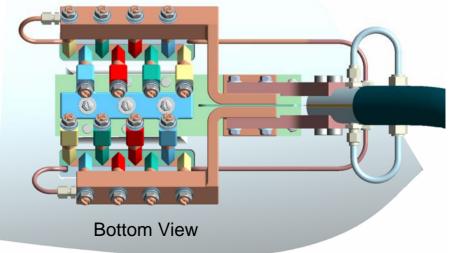


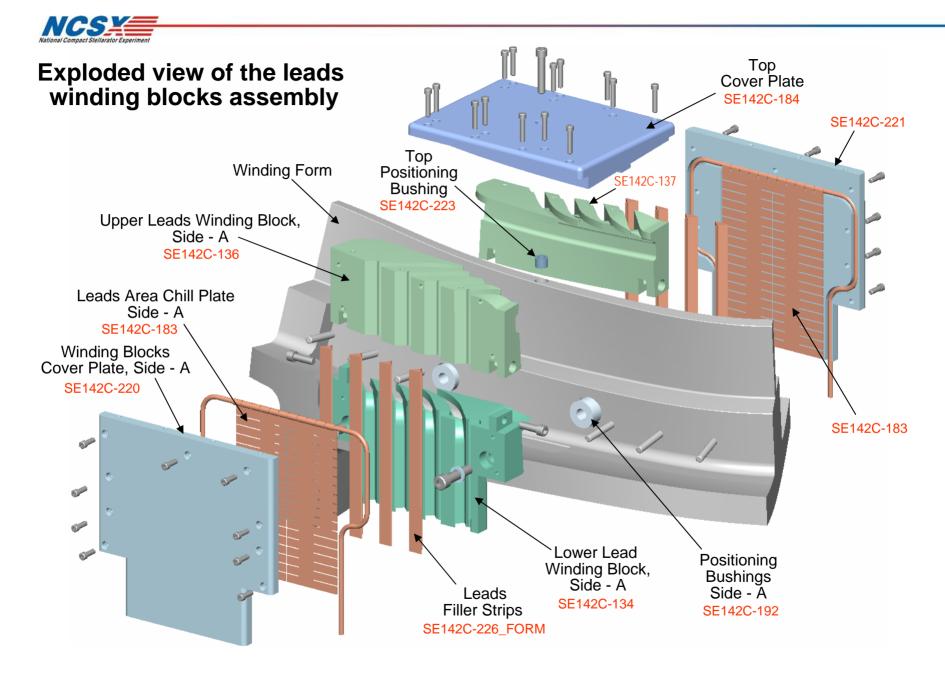


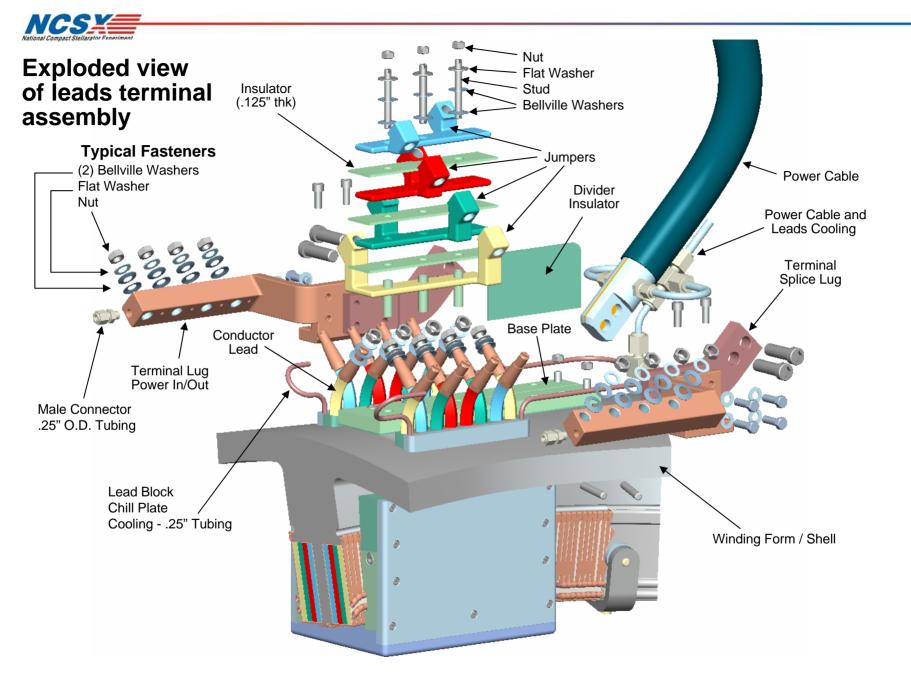


End View

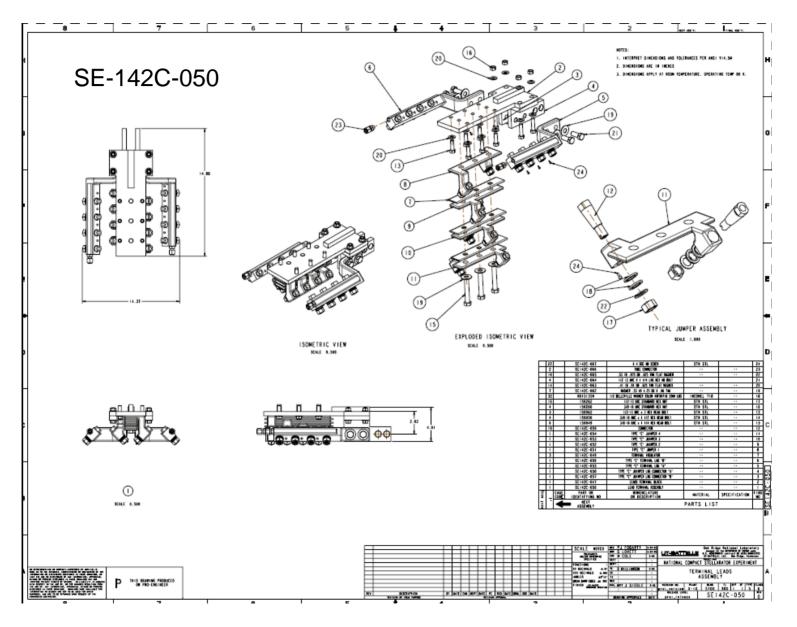
# 3 views of the leads winding blocks assembly









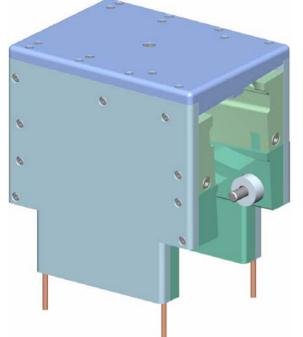


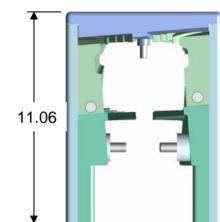
#### June 30, 2005

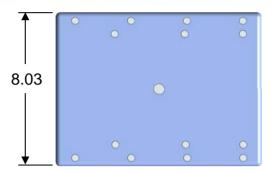
#### FDR- Modular Coil, Type C Assembly

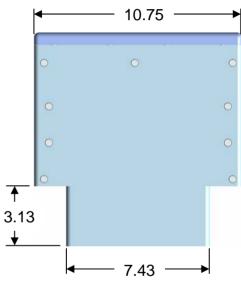


### Views of the leads winding blocks assembly

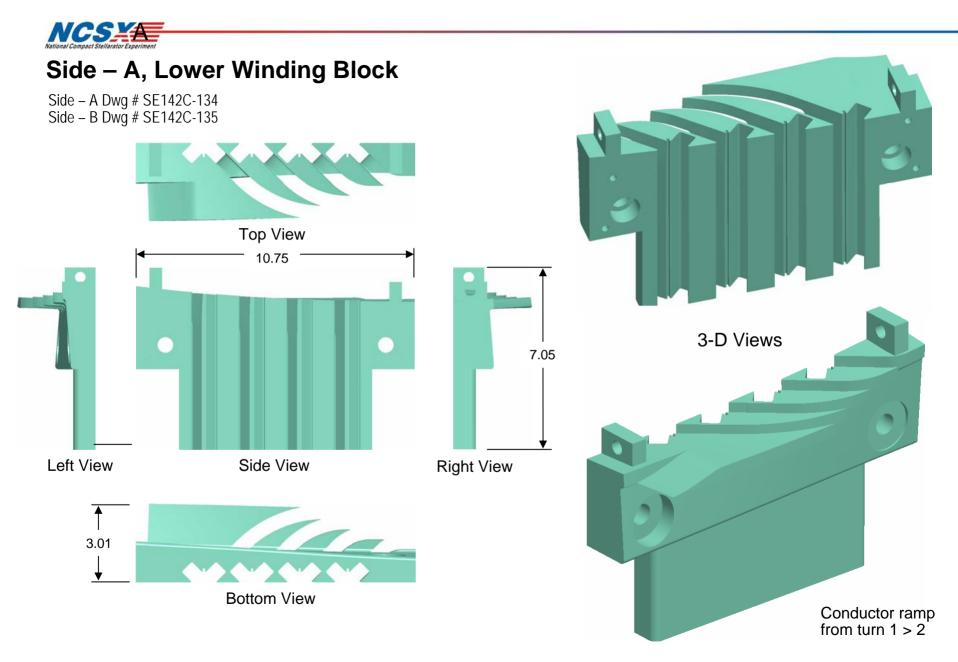




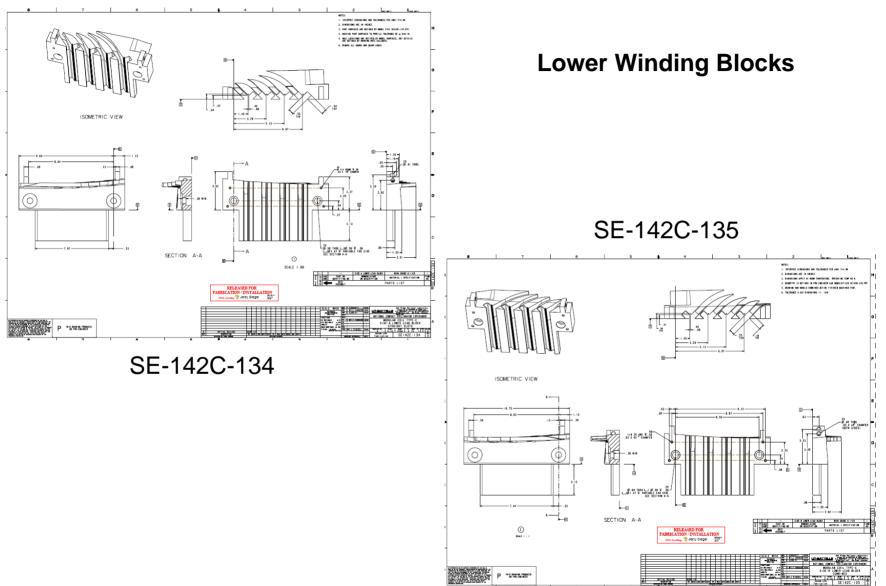


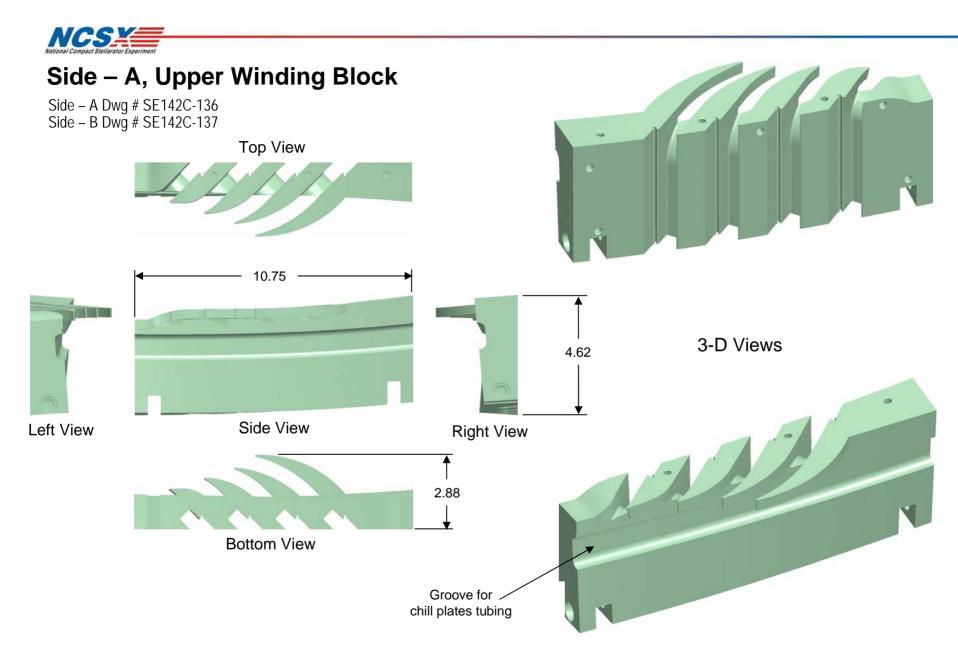




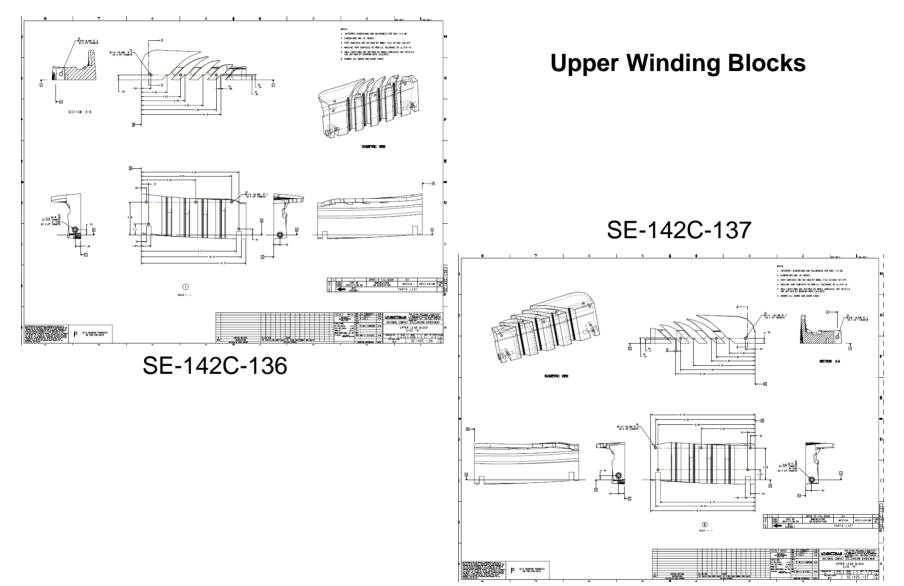






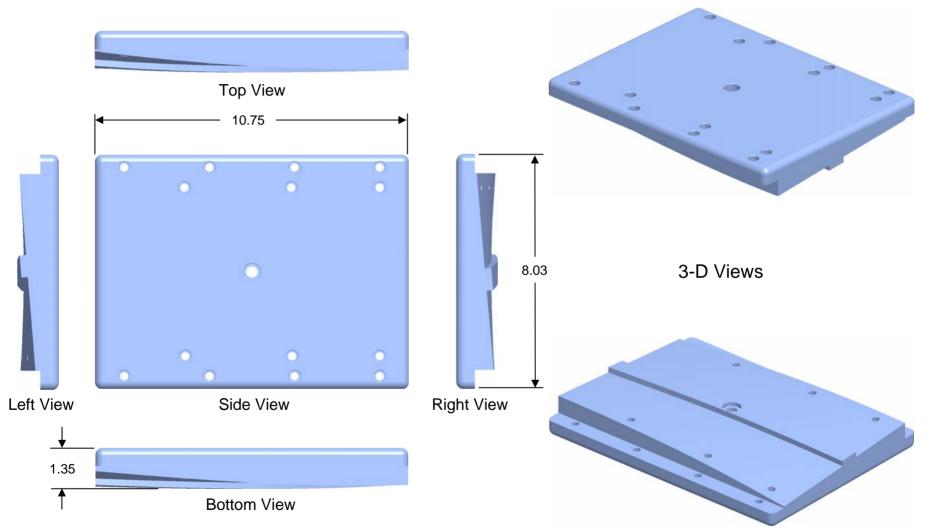






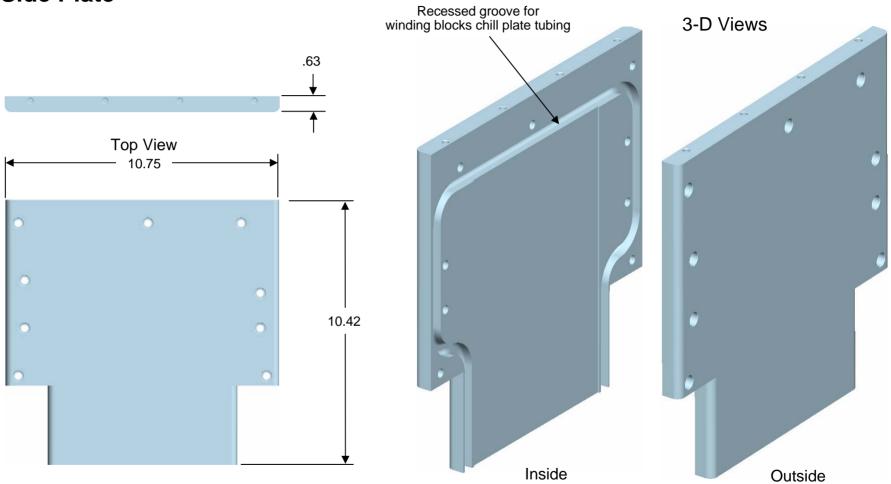


## **Top Plate**

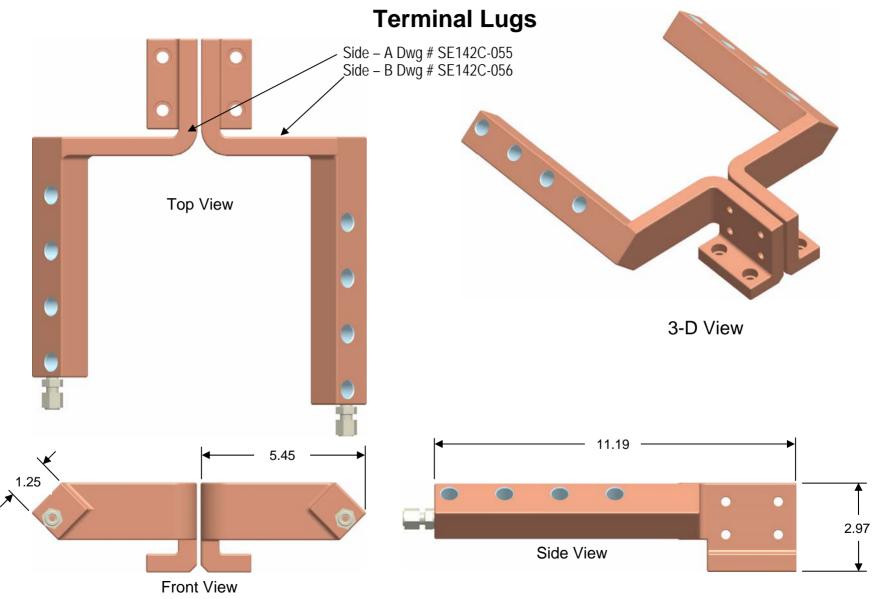




**Side Plate** 

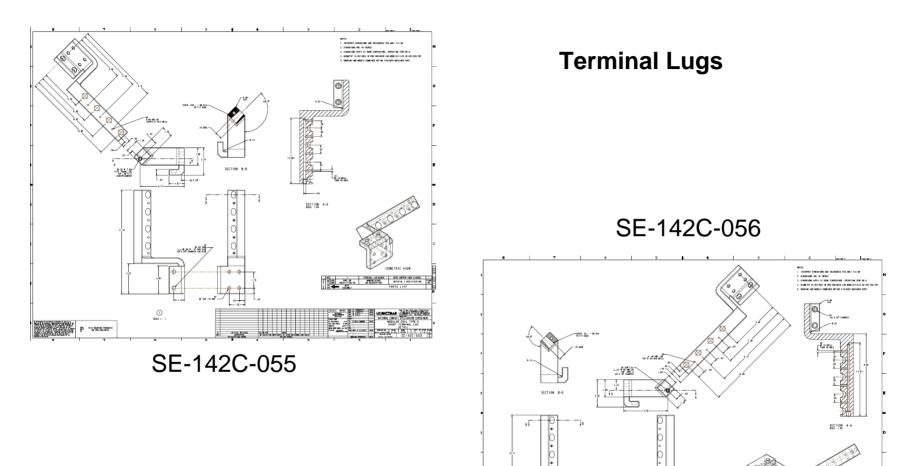






#### FDR- Modular Coil, Type C Assembly





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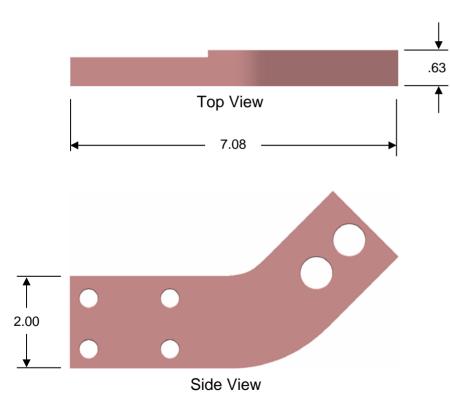
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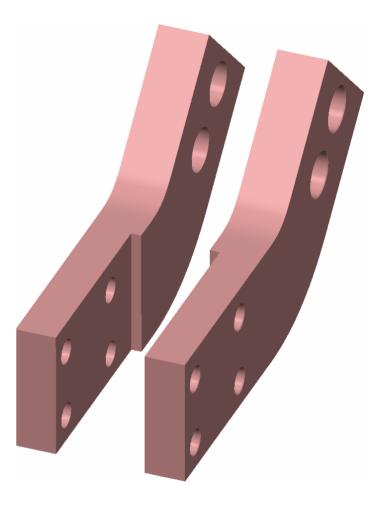
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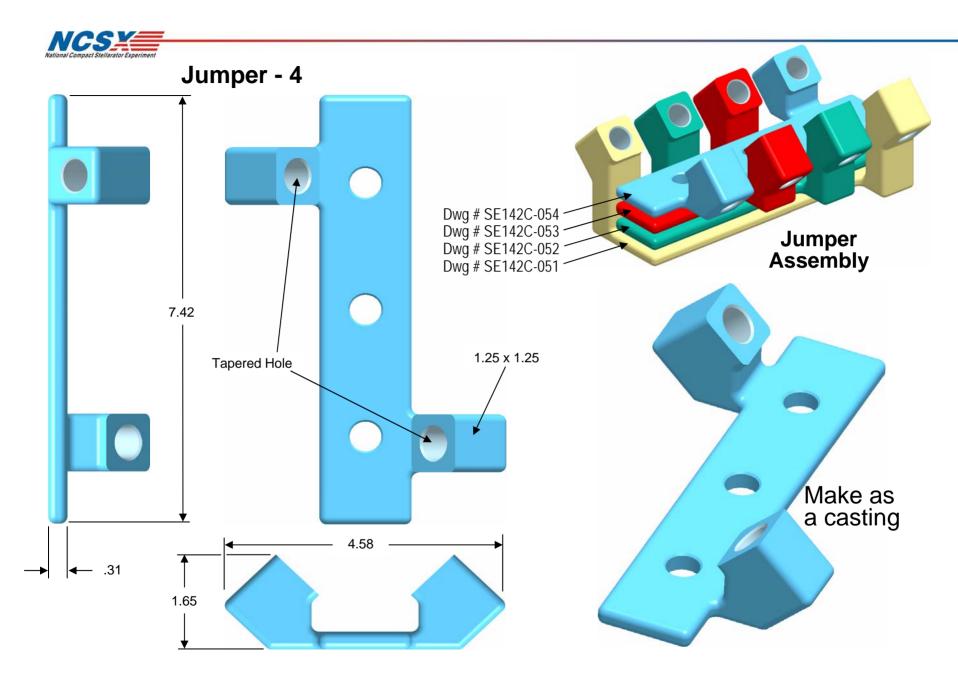


### **Terminal Splice Lugs**

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

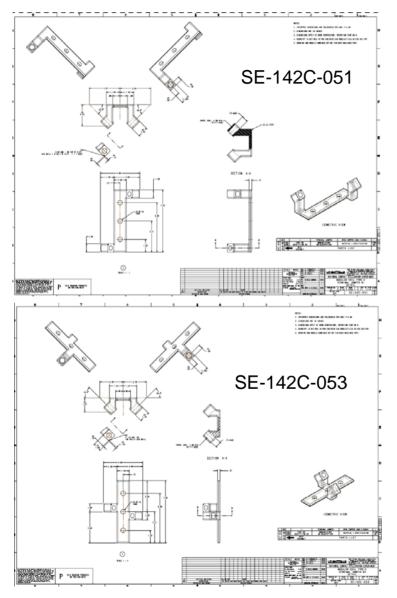


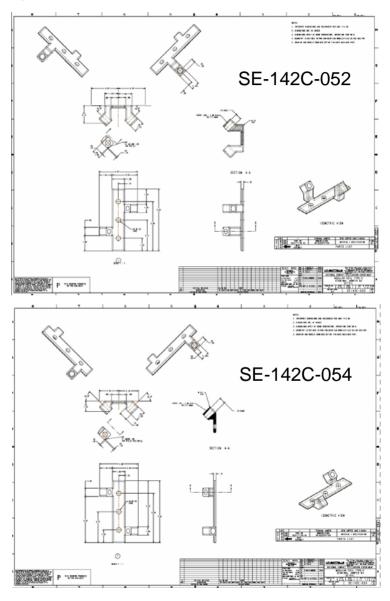






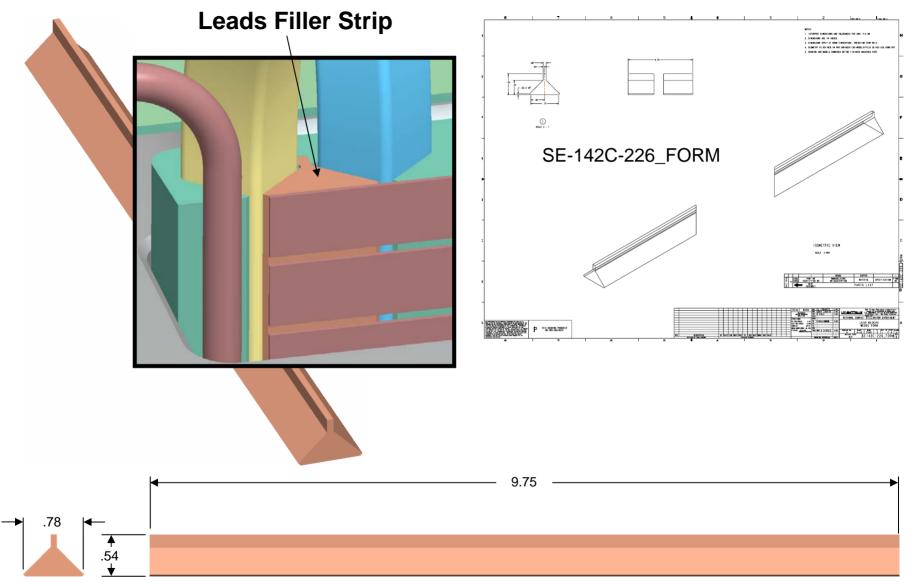
## **Terminal Jumpers**

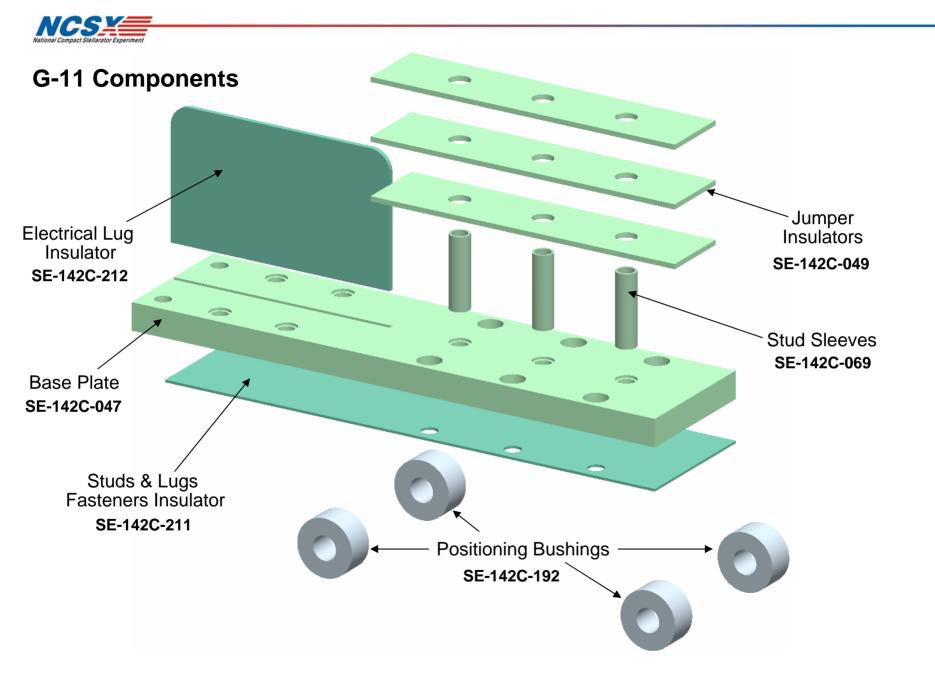




#### FDR- Modular Coil, Type C Assembly

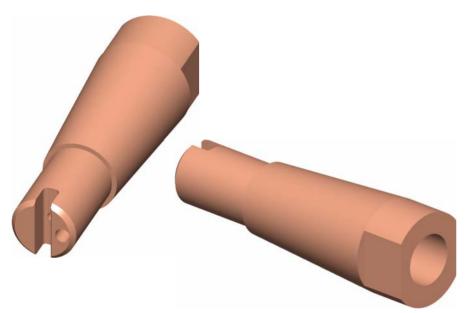


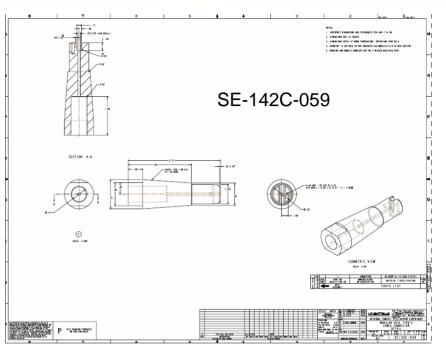


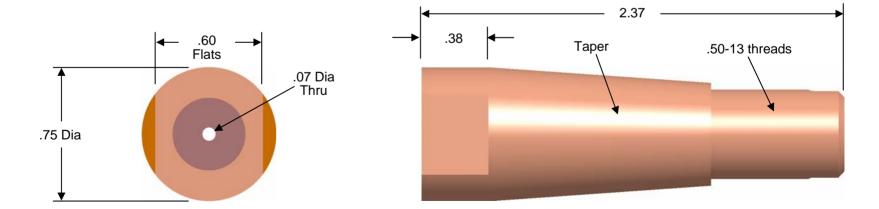




#### Conductor Lead Nosecone









# Da END