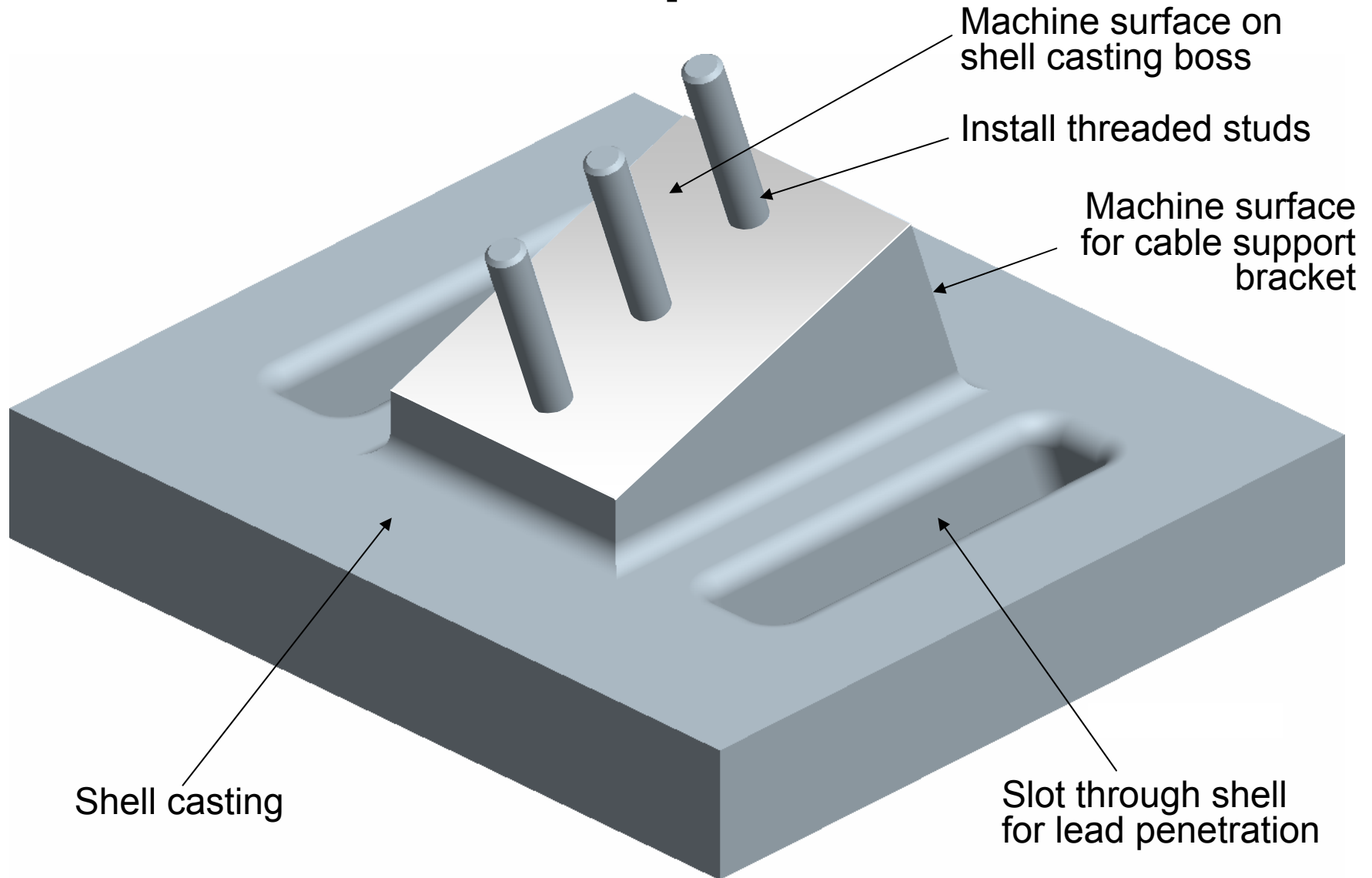
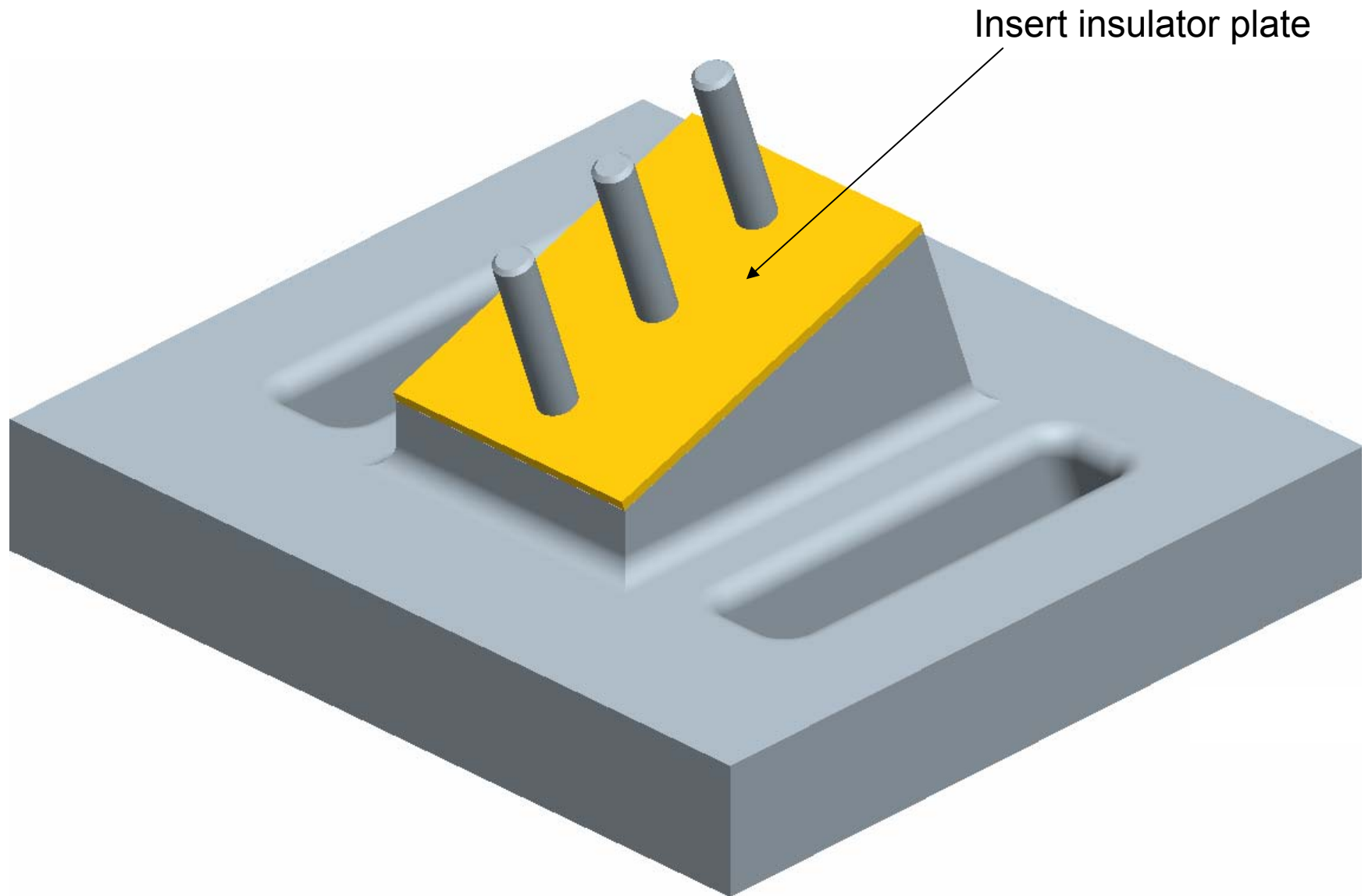


Leads Assembly Sequence

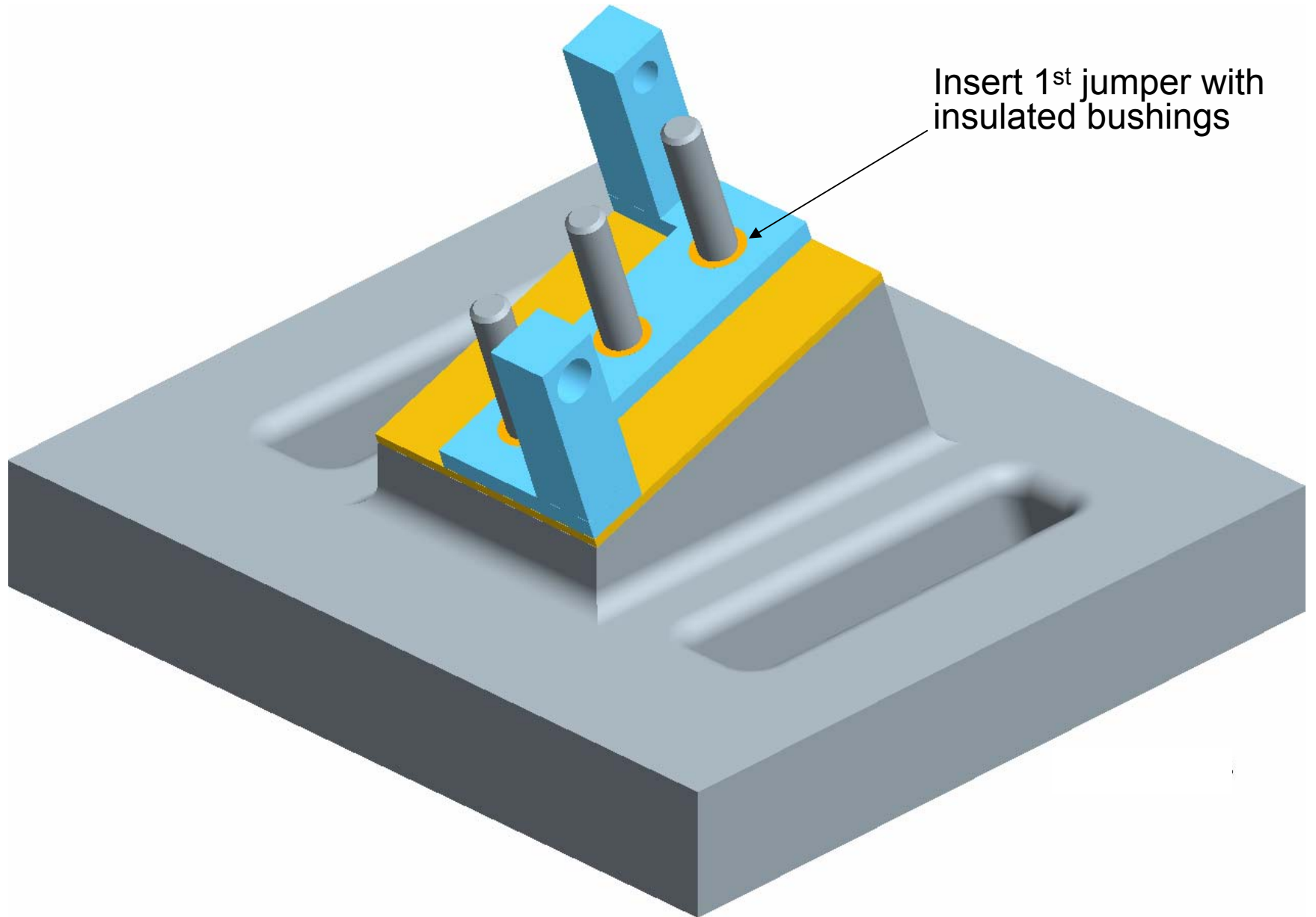
Step - 1



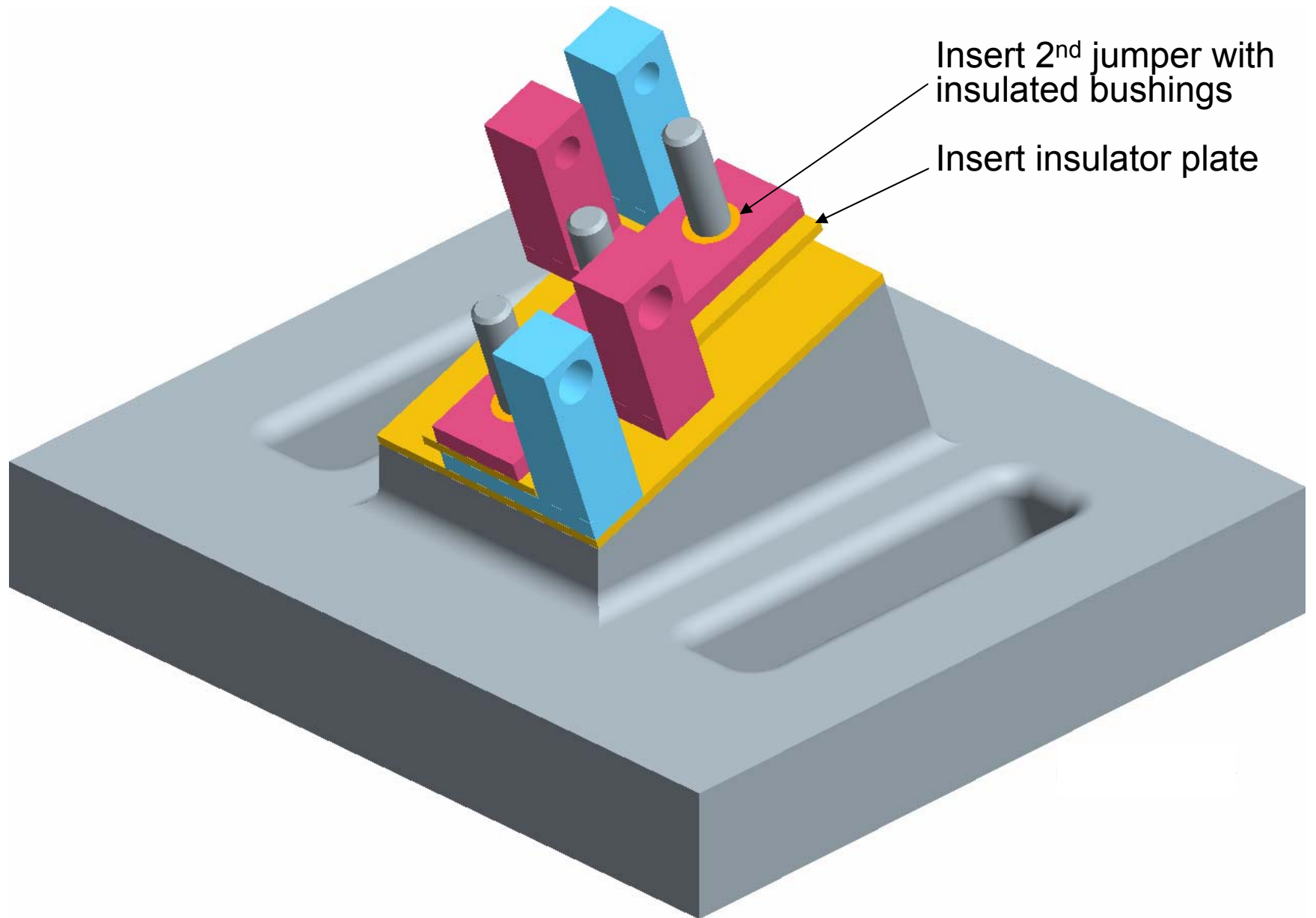
Step - 2



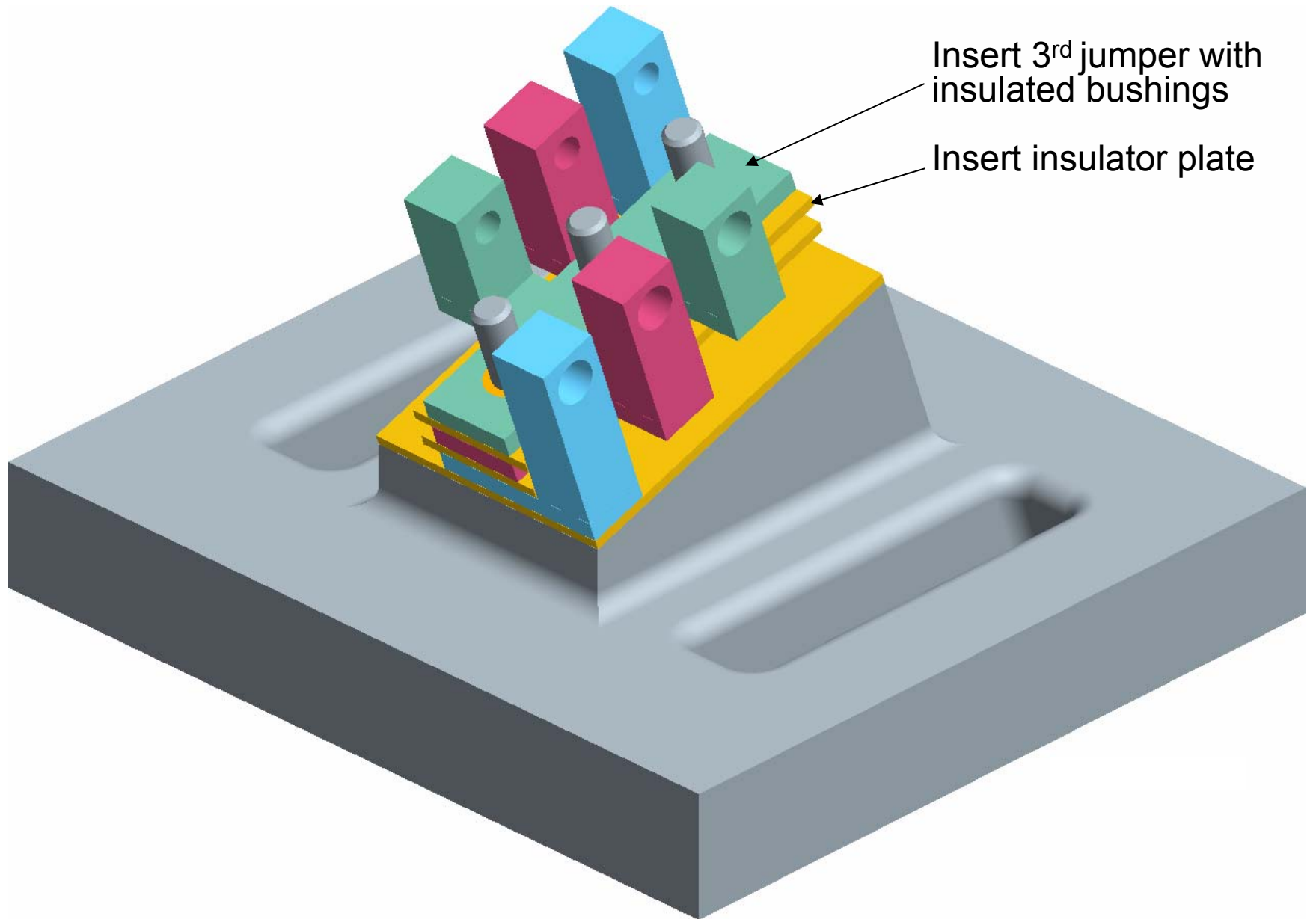
Step - 3



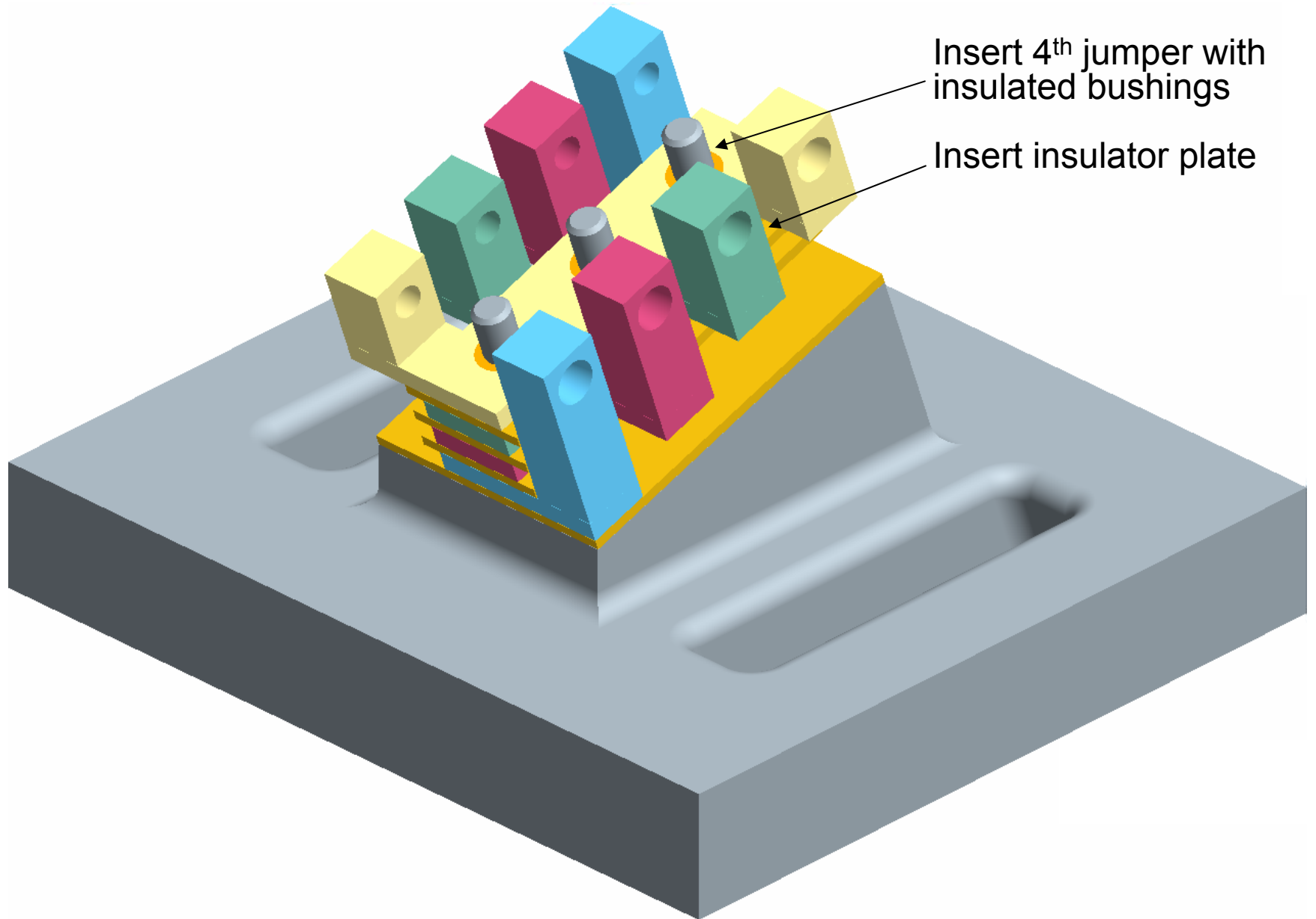
Step - 4



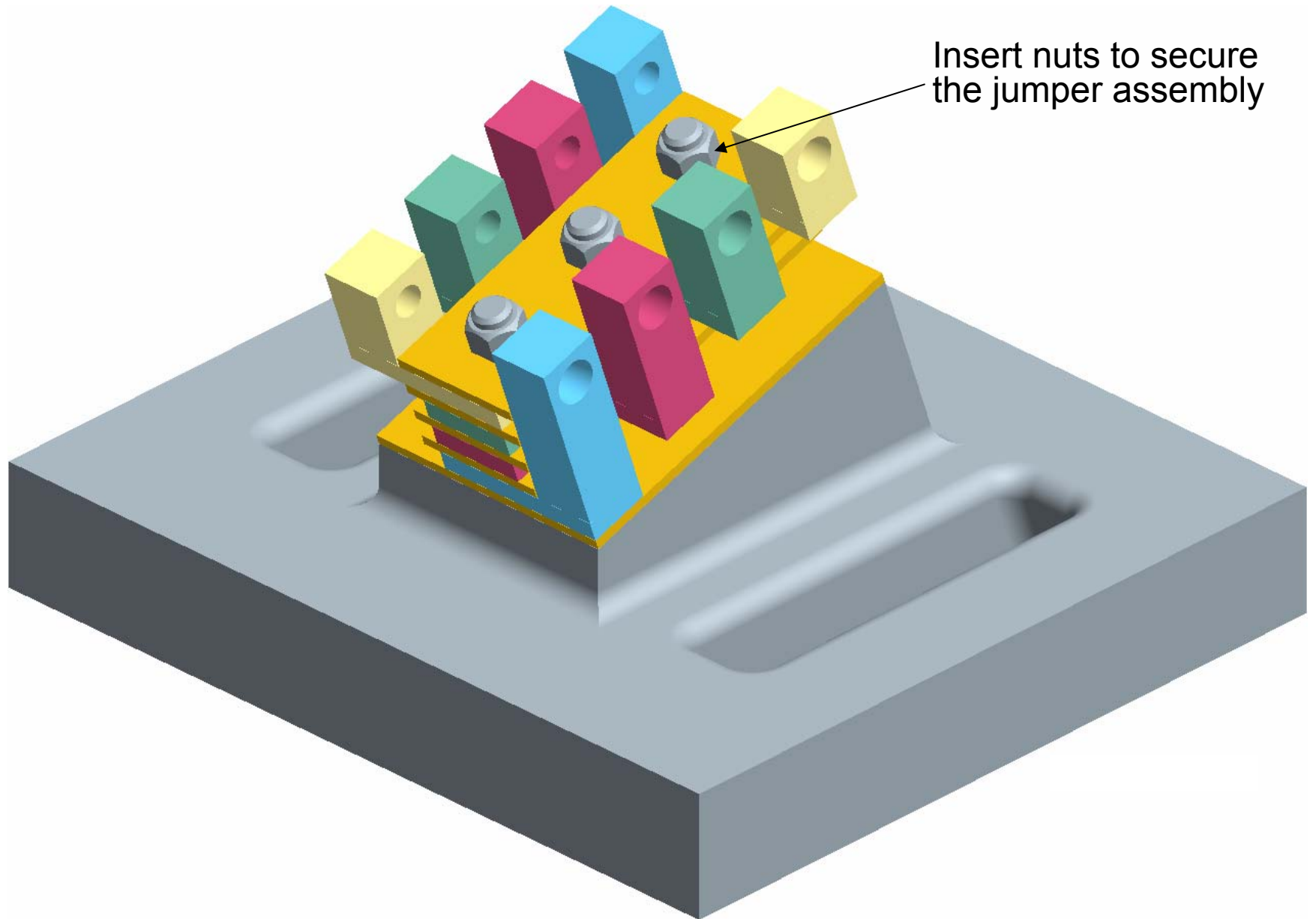
Step - 5



Step - 6

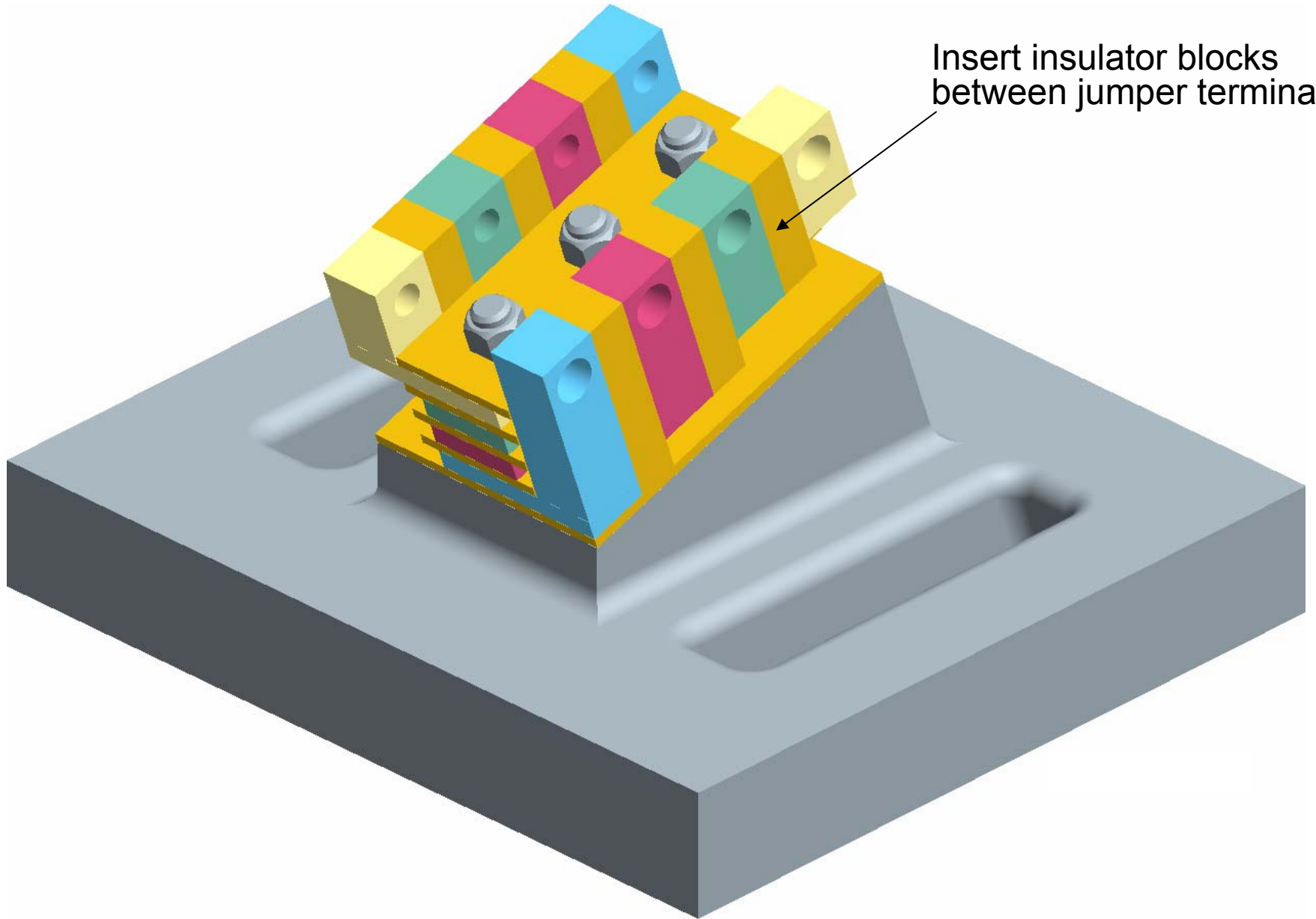


Step - 7



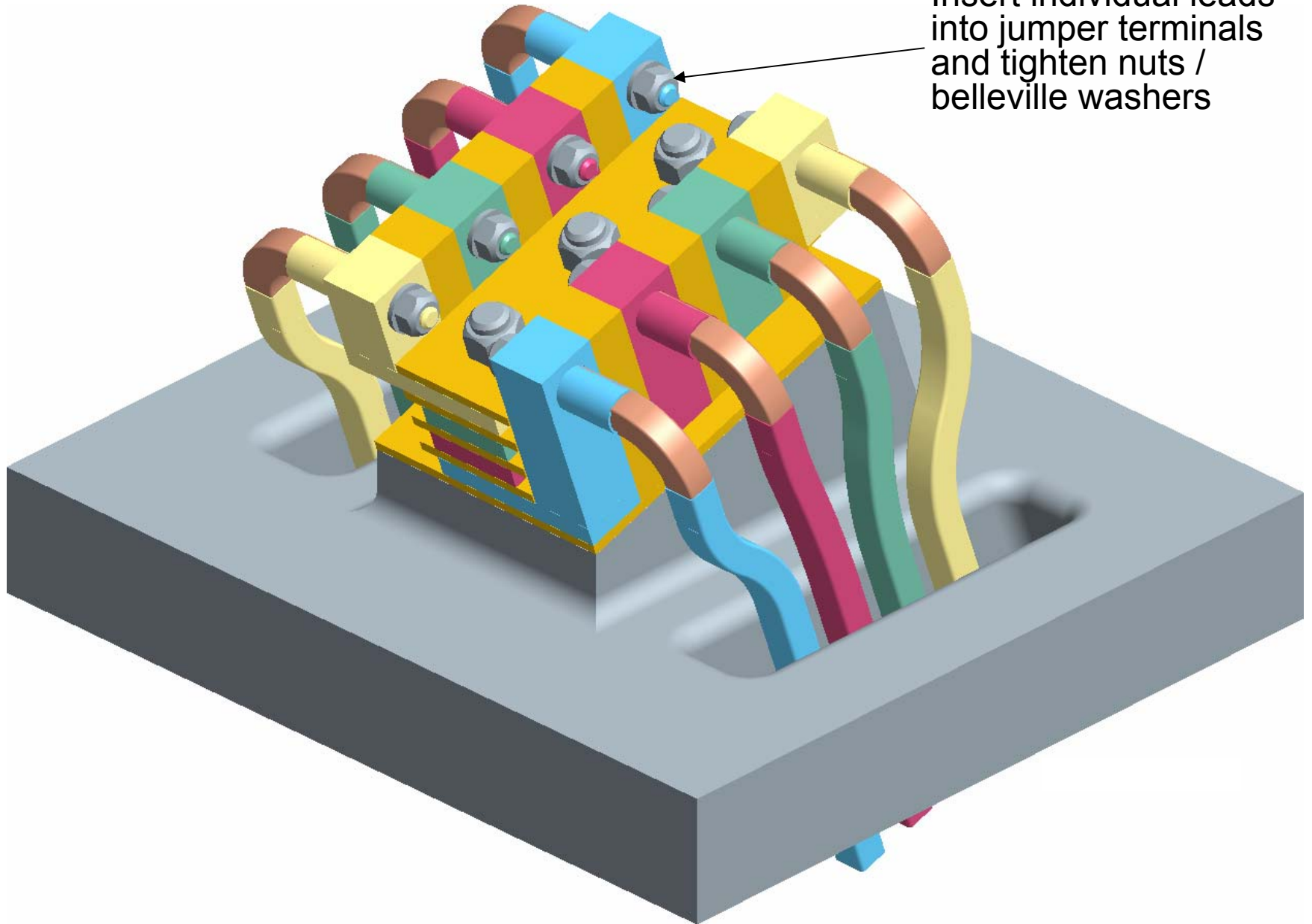
Step - 8

Insert insulator blocks
between jumper terminals

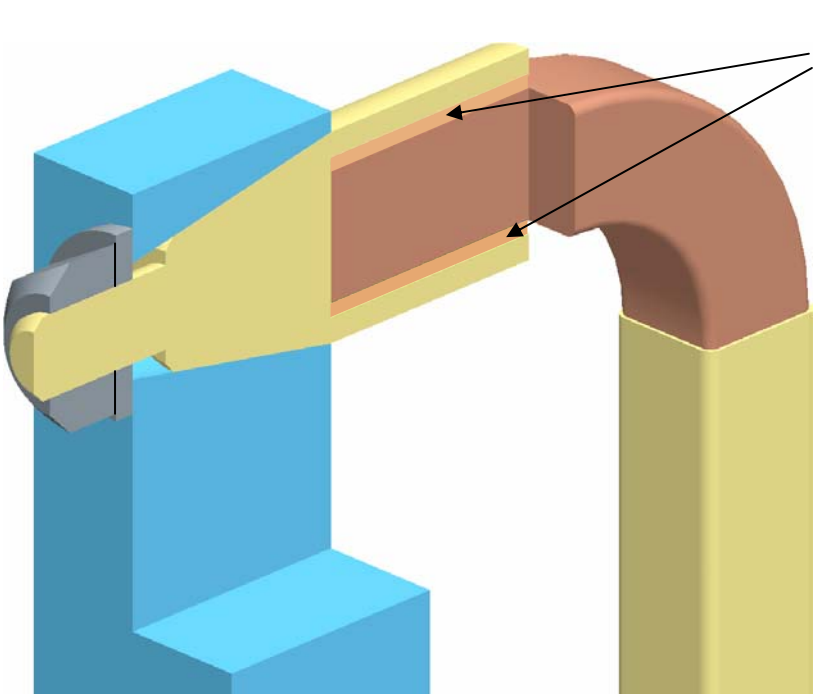


Step - 9

Insert individual leads into jumper terminals and tighten nuts / belleville washers



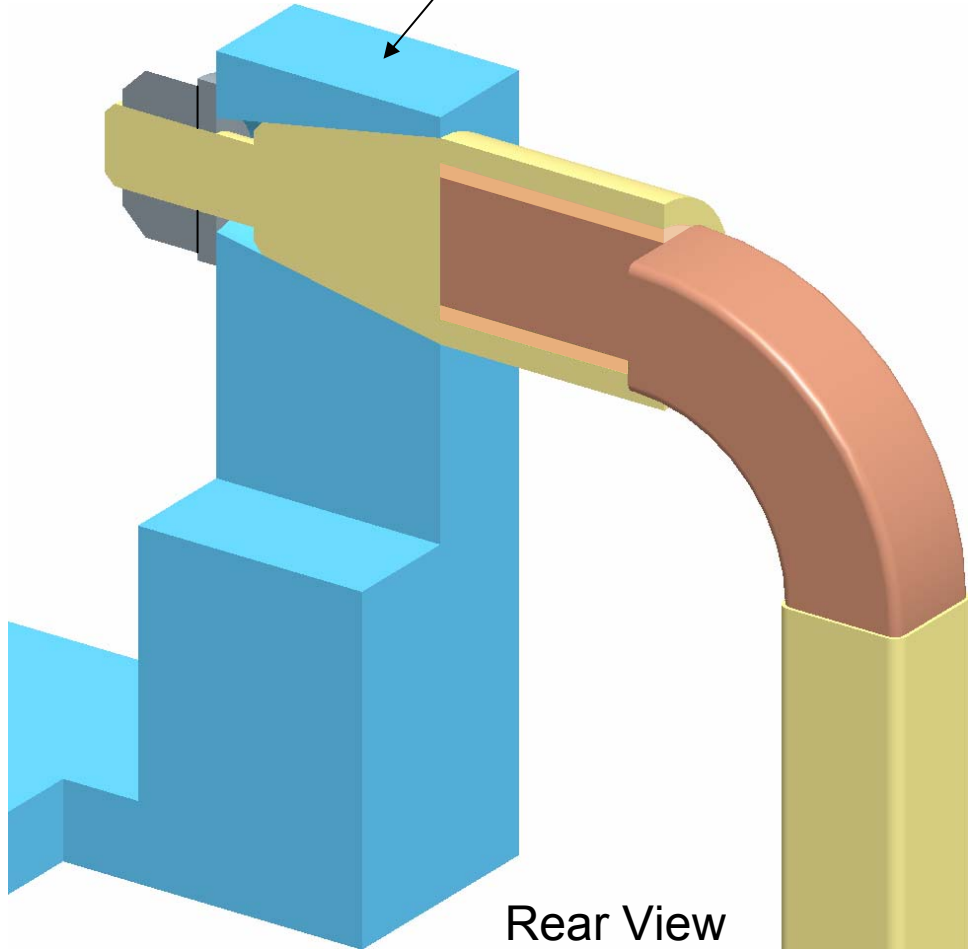
Lead Connector Detail



Front View

All voids are filled with solder

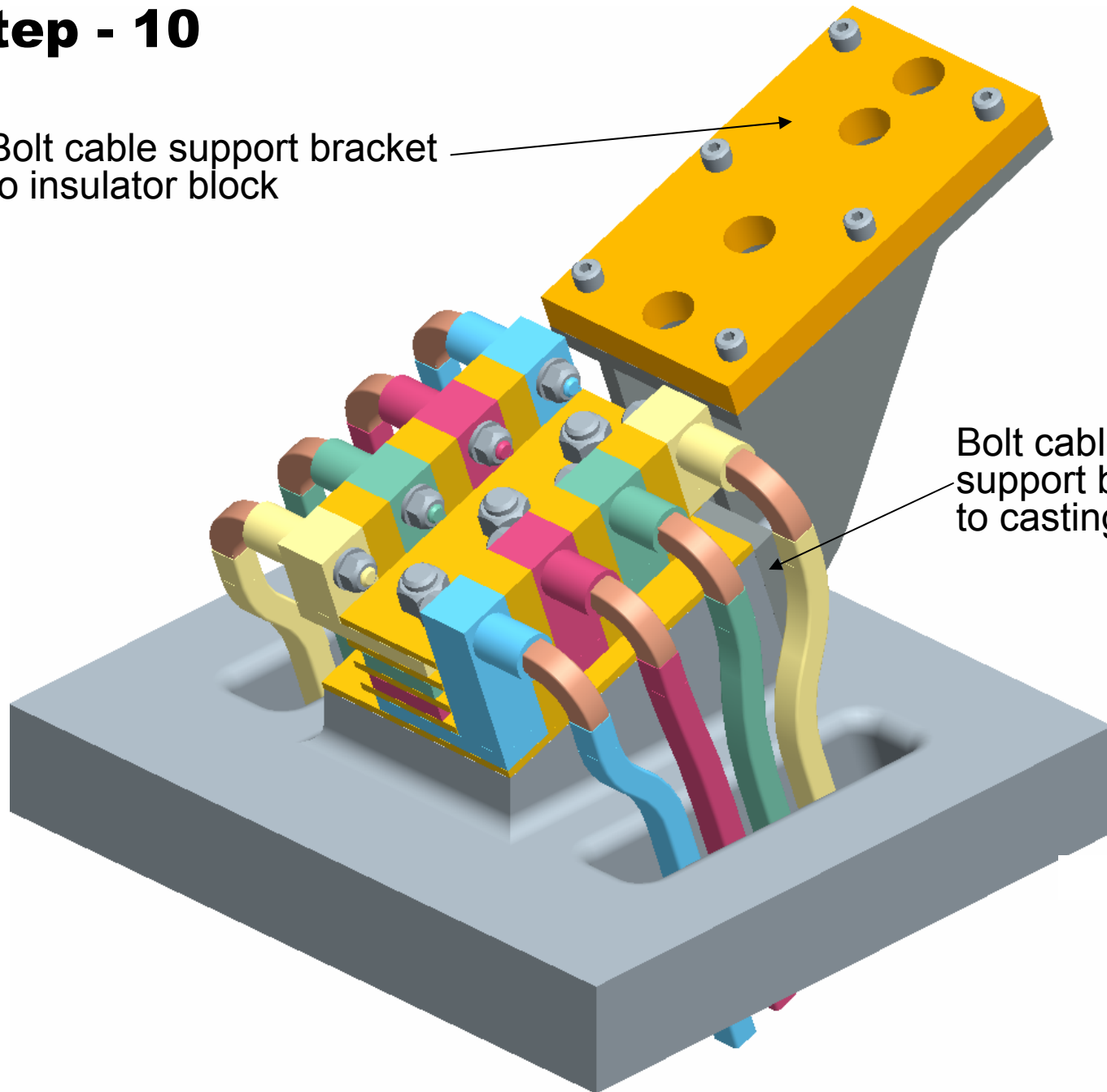
Jumper Terminal



Rear View

Step - 10

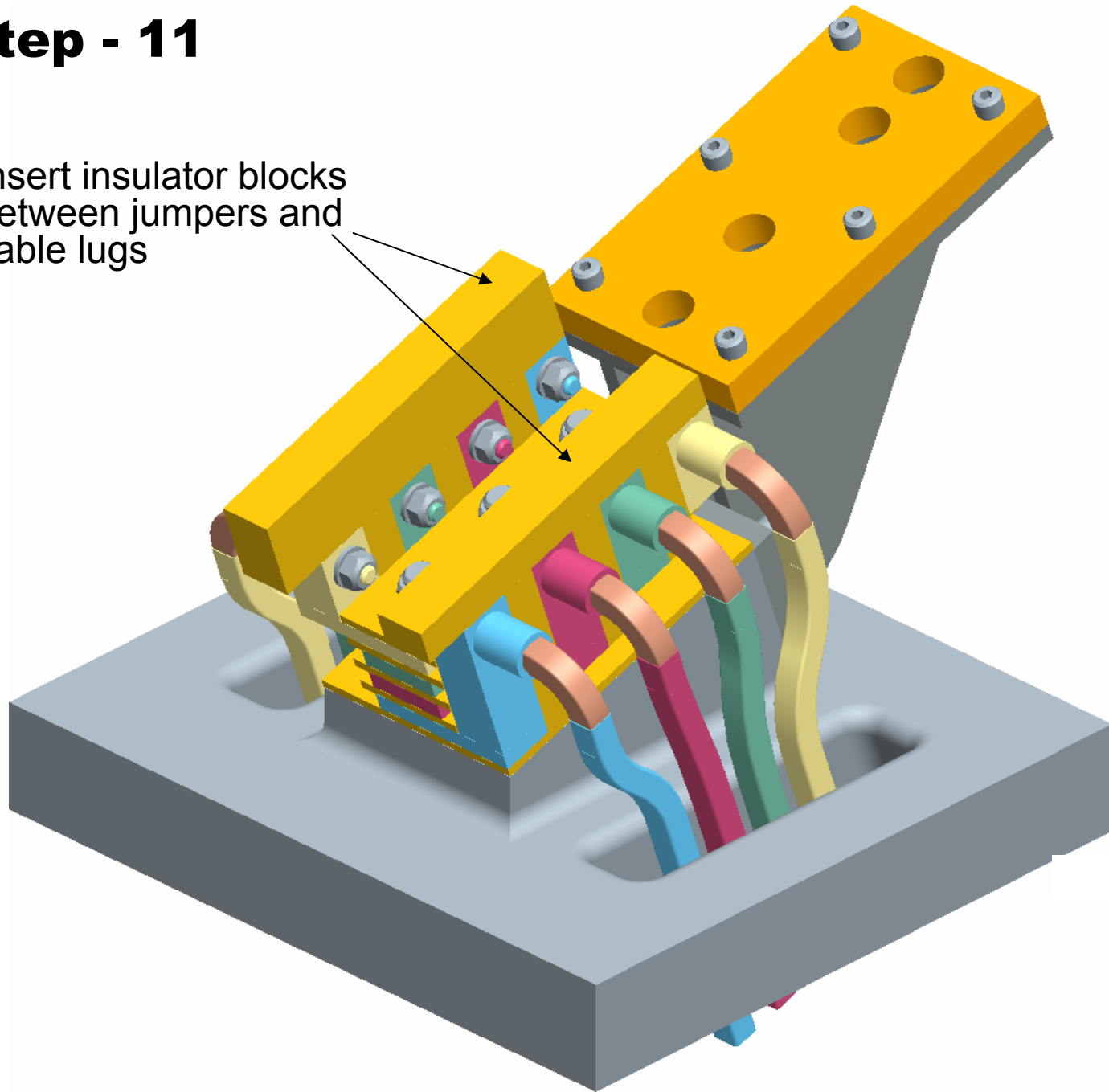
Bolt cable support bracket to insulator block



Bolt cable support bracket to casting boss

Step - 11

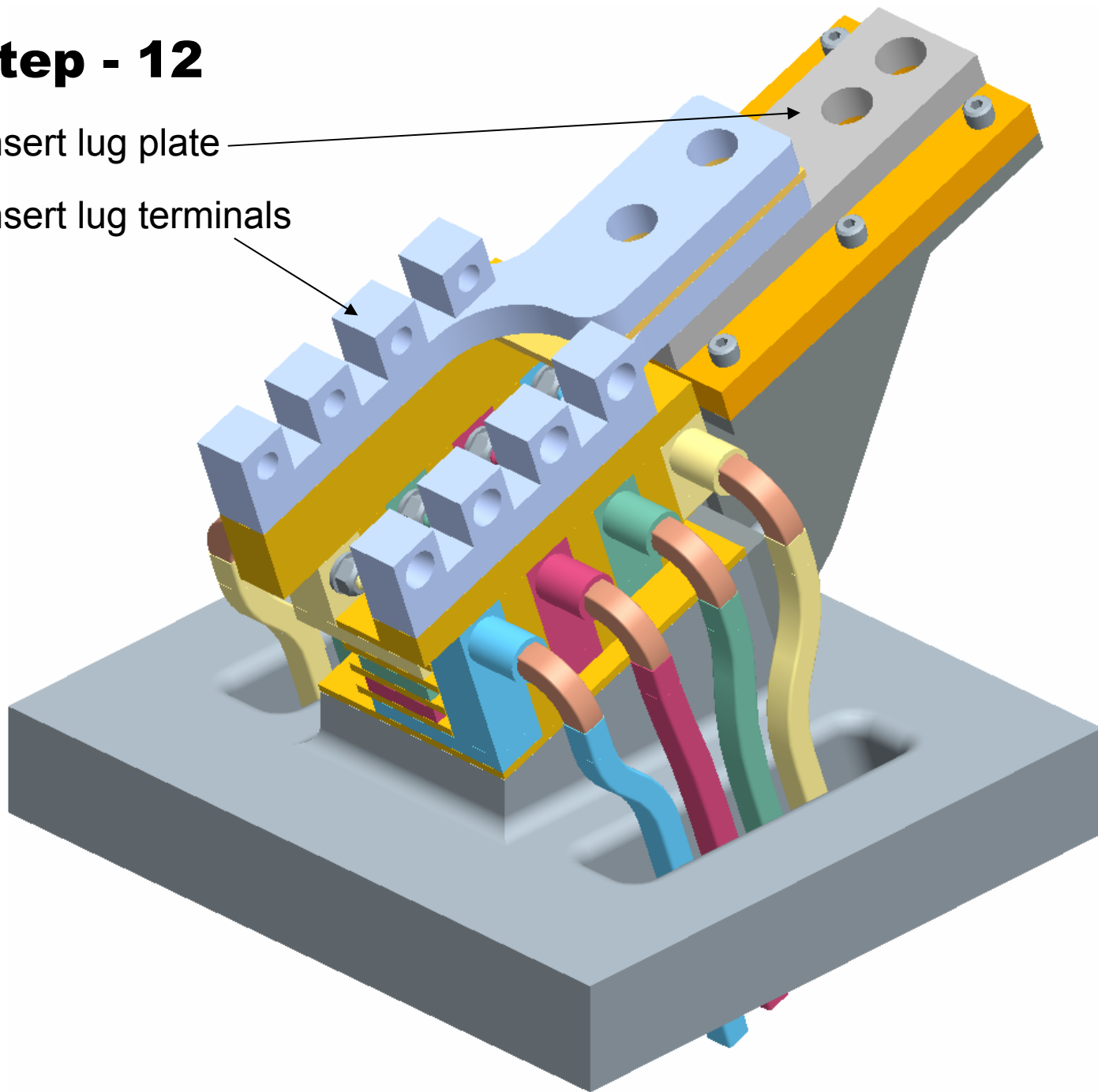
Insert insulator blocks
between jumpers and
cable lugs



Step - 12

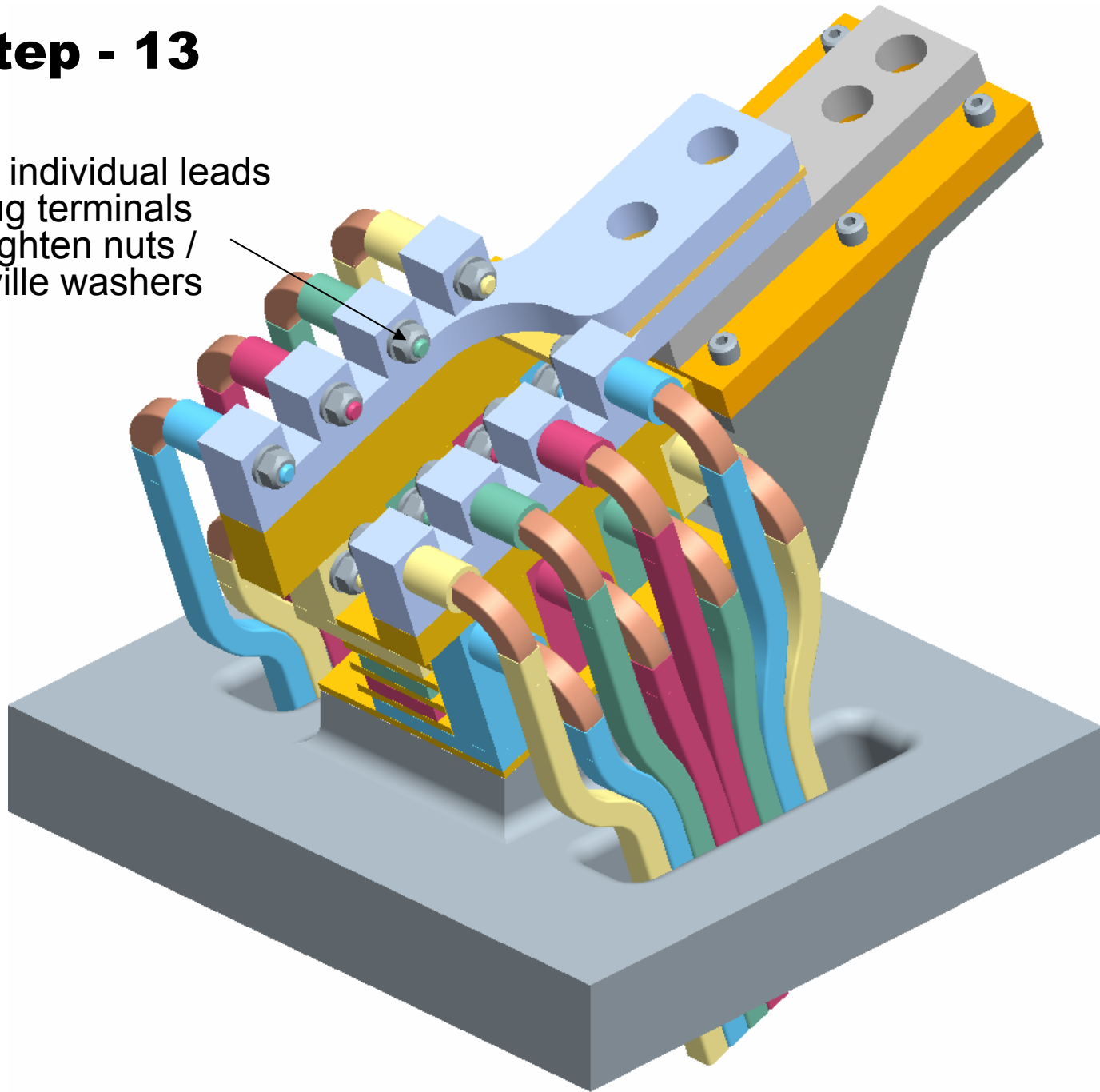
Insert lug plate

Insert lug terminals



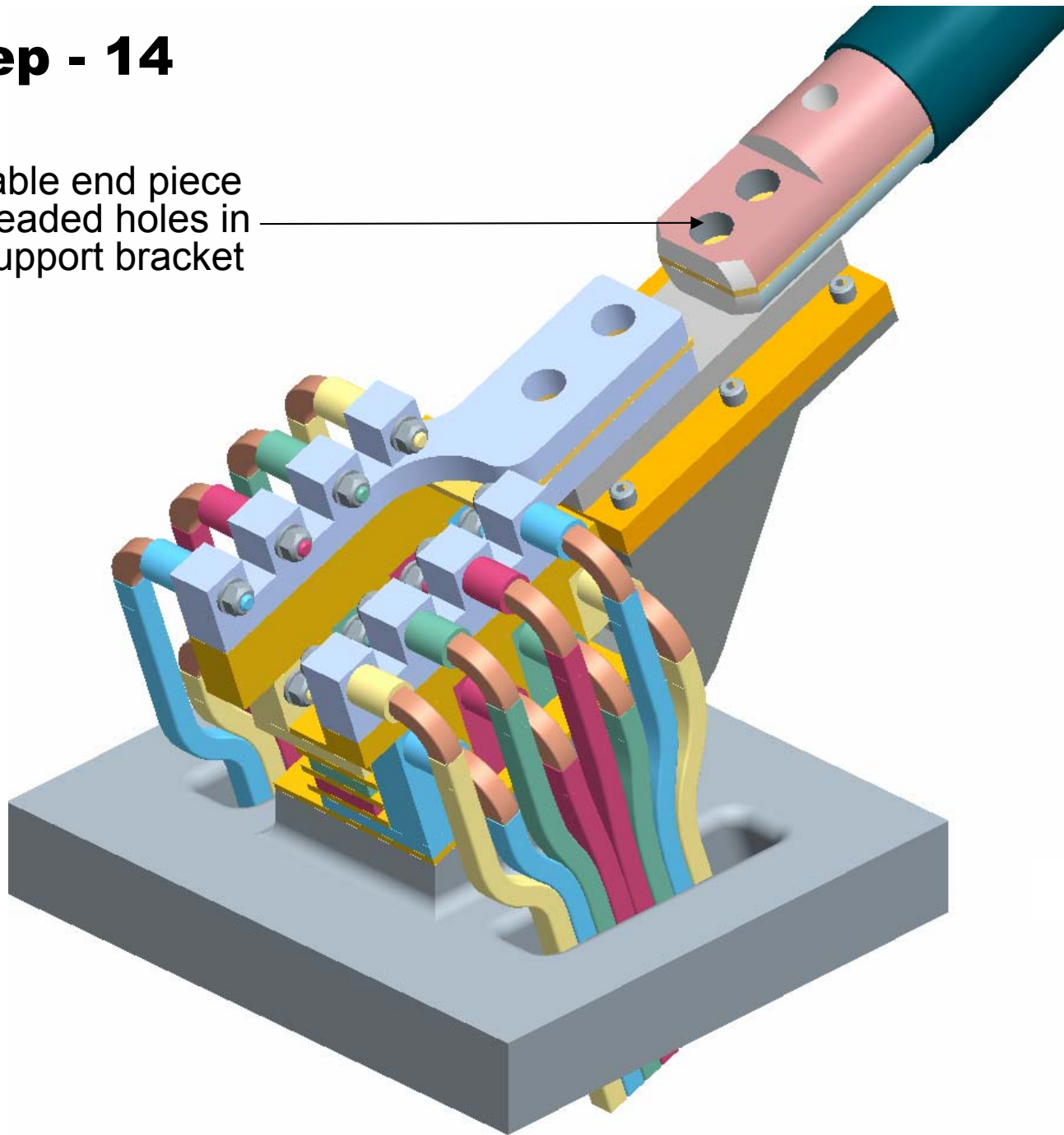
Step - 13

Insert individual leads into lug terminals and tighten nuts / belleville washers



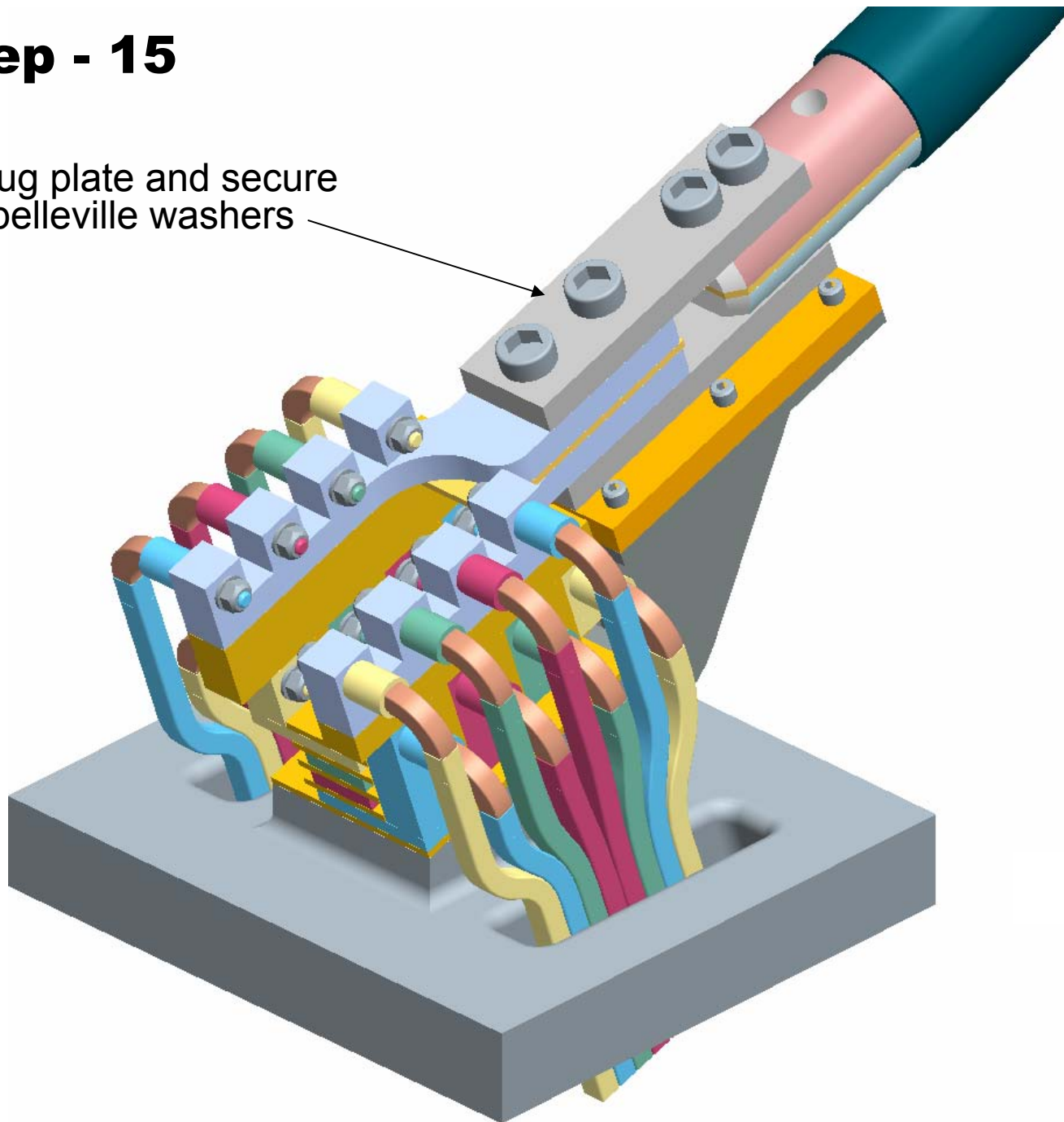
Step - 14

Align cable end piece
with threaded holes in
cable support bracket



Step - 15

Install lug plate and secure bolts / belleville washers



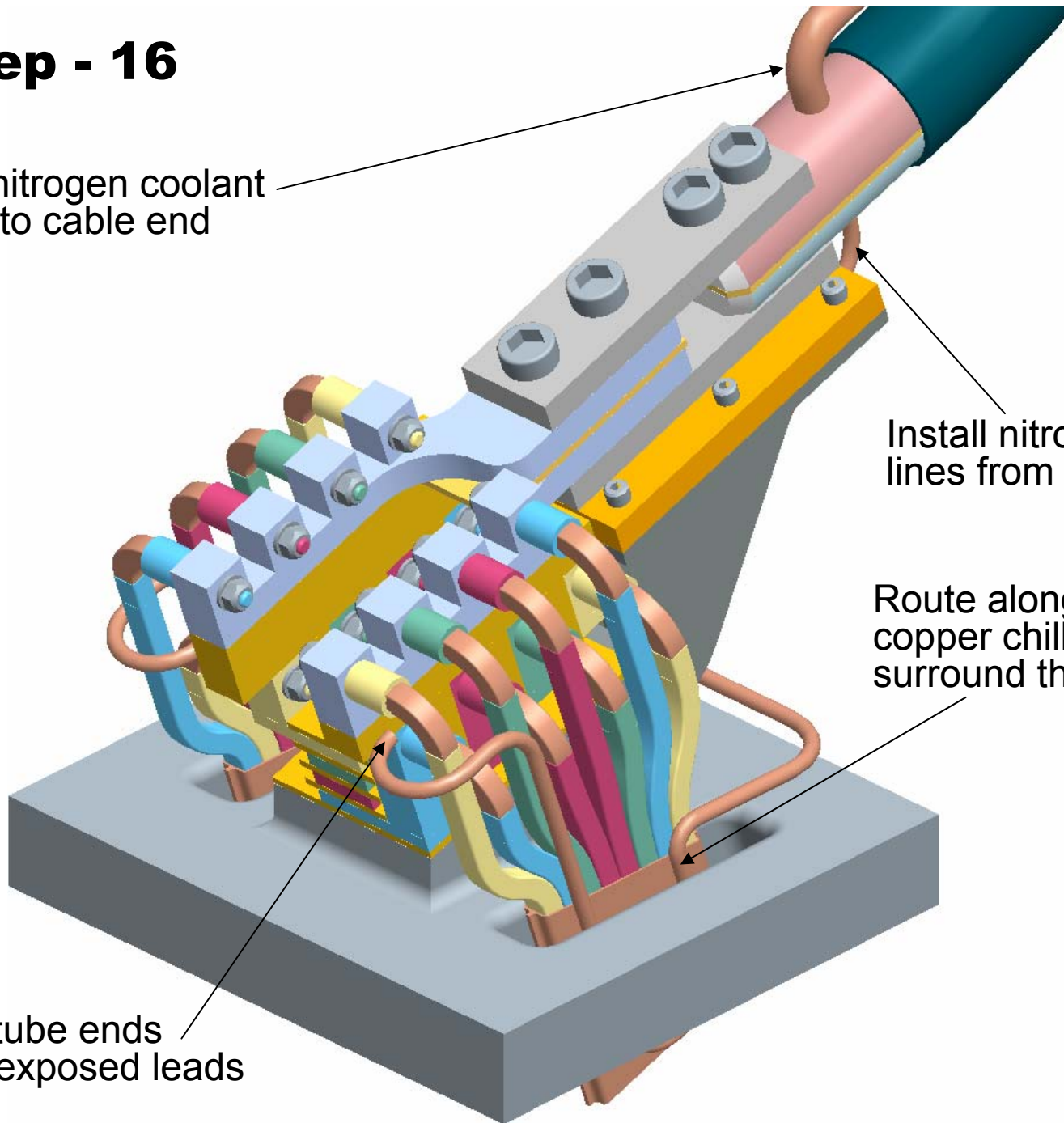
Step - 16

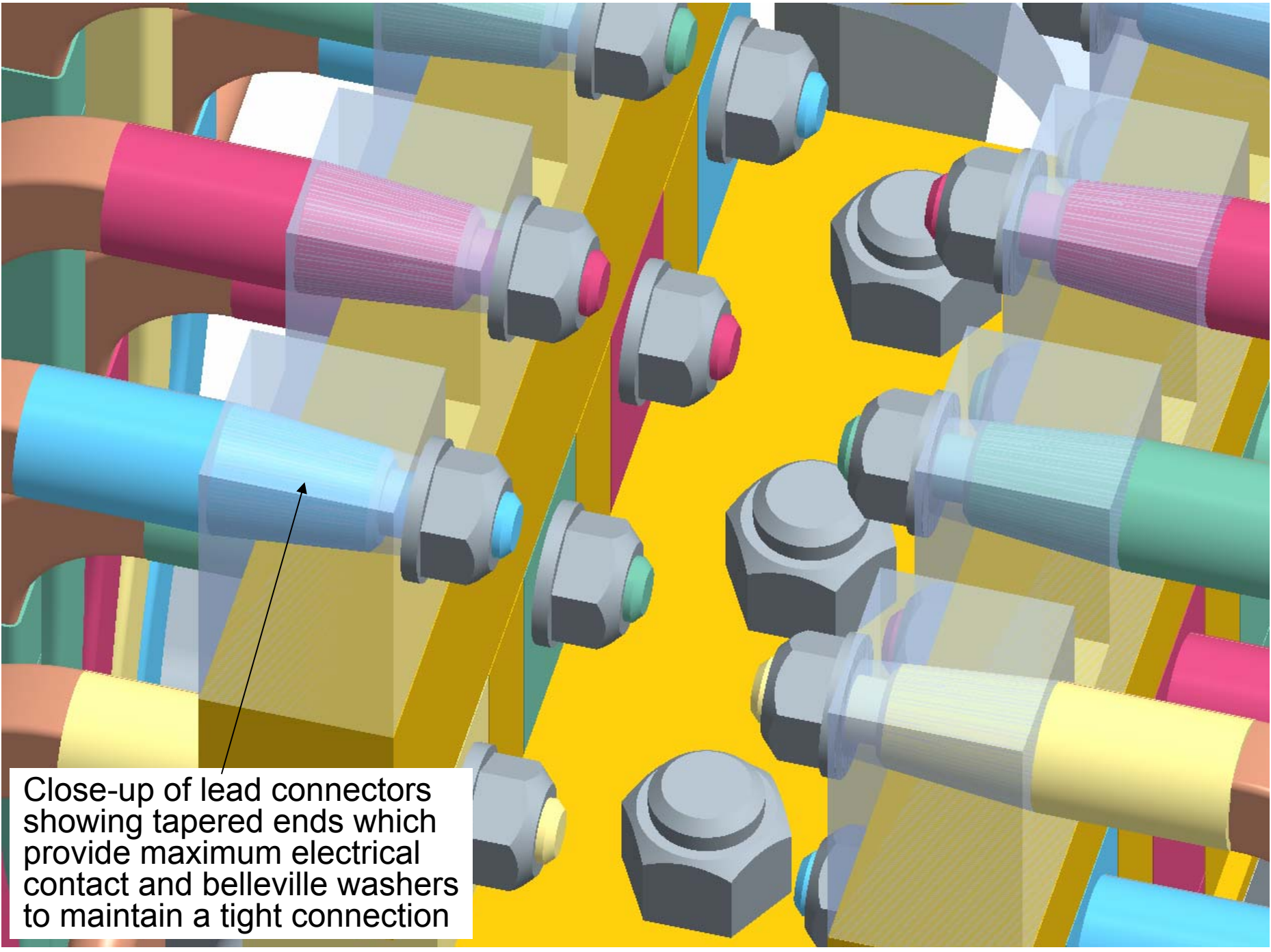
Install nitrogen coolant supply to cable end

Install nitrogen coolant lines from cable supply

Route along outside of copper chill plates that surround the leads

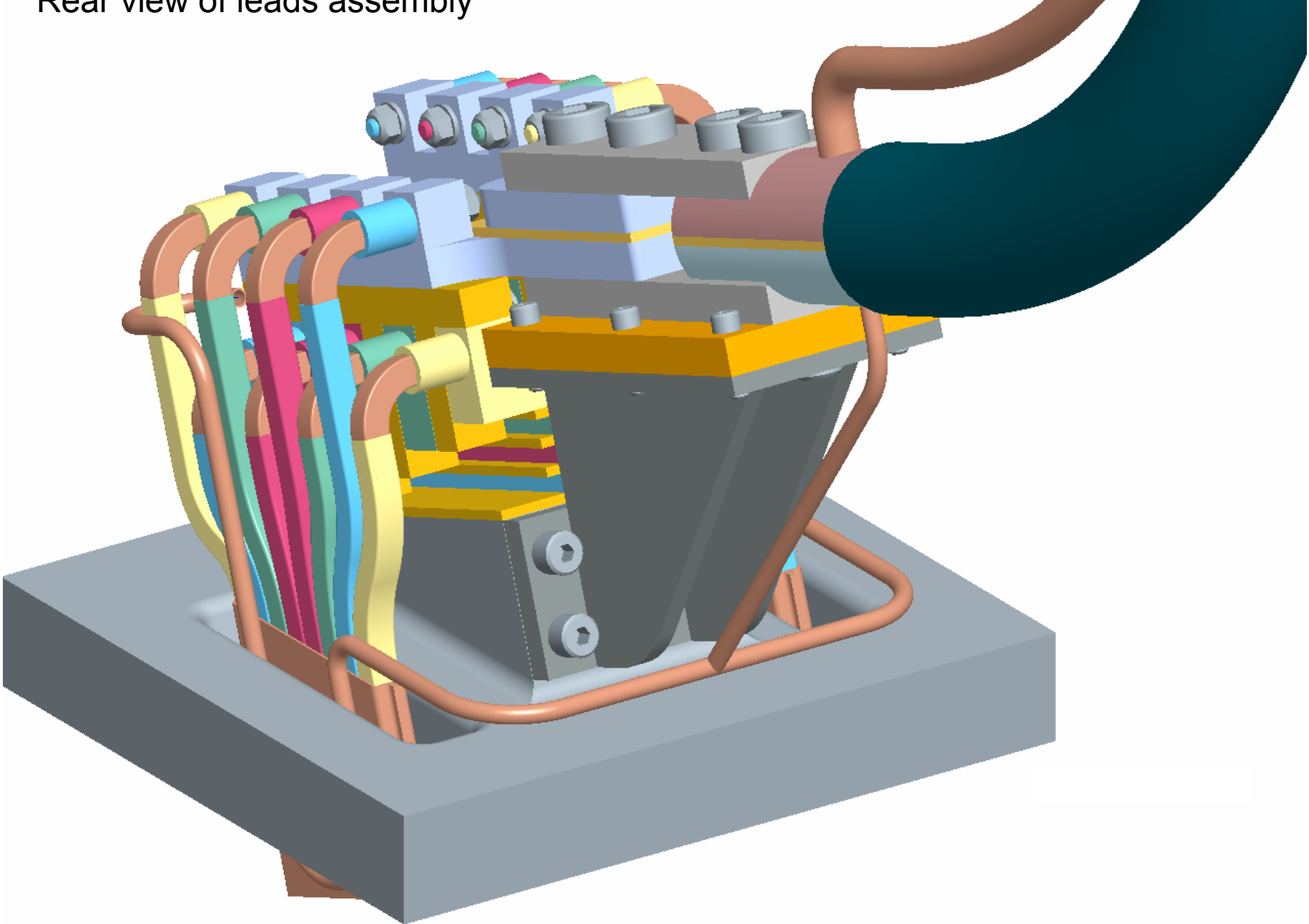
Open tube ends bathe exposed leads



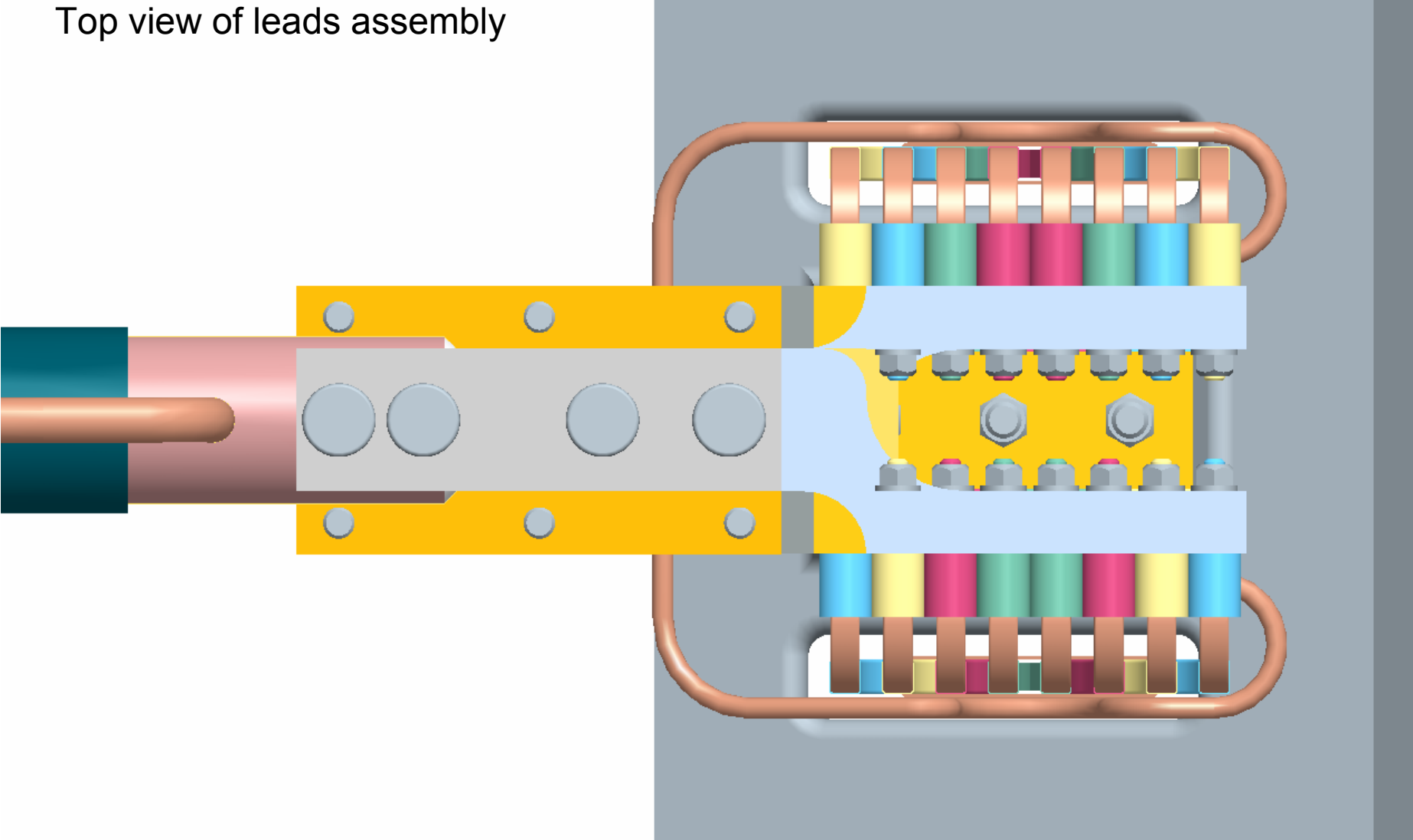


Close-up of lead connectors showing tapered ends which provide maximum electrical contact and belleville washers to maintain a tight connection

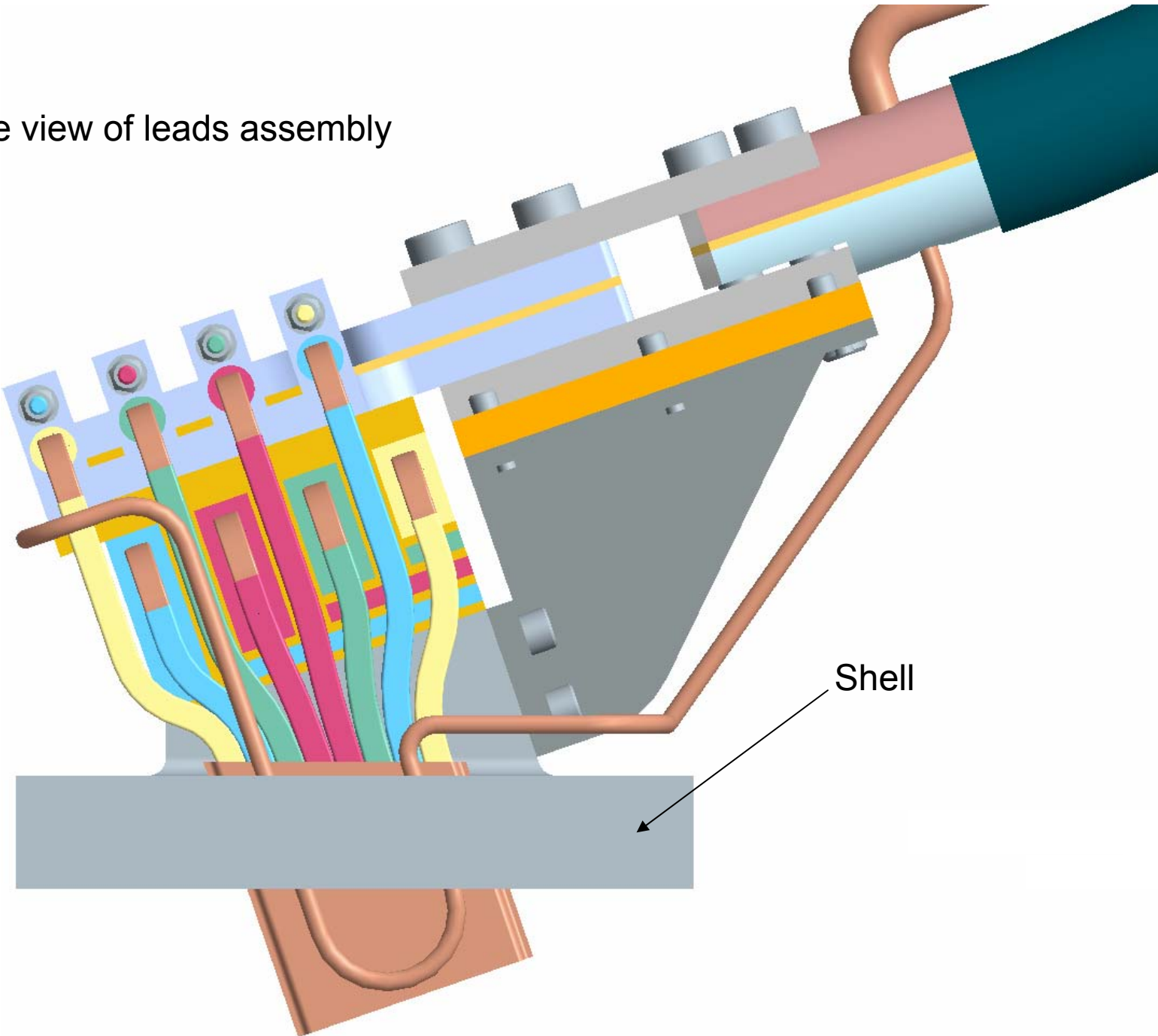
Rear view of leads assembly



Top view of leads assembly

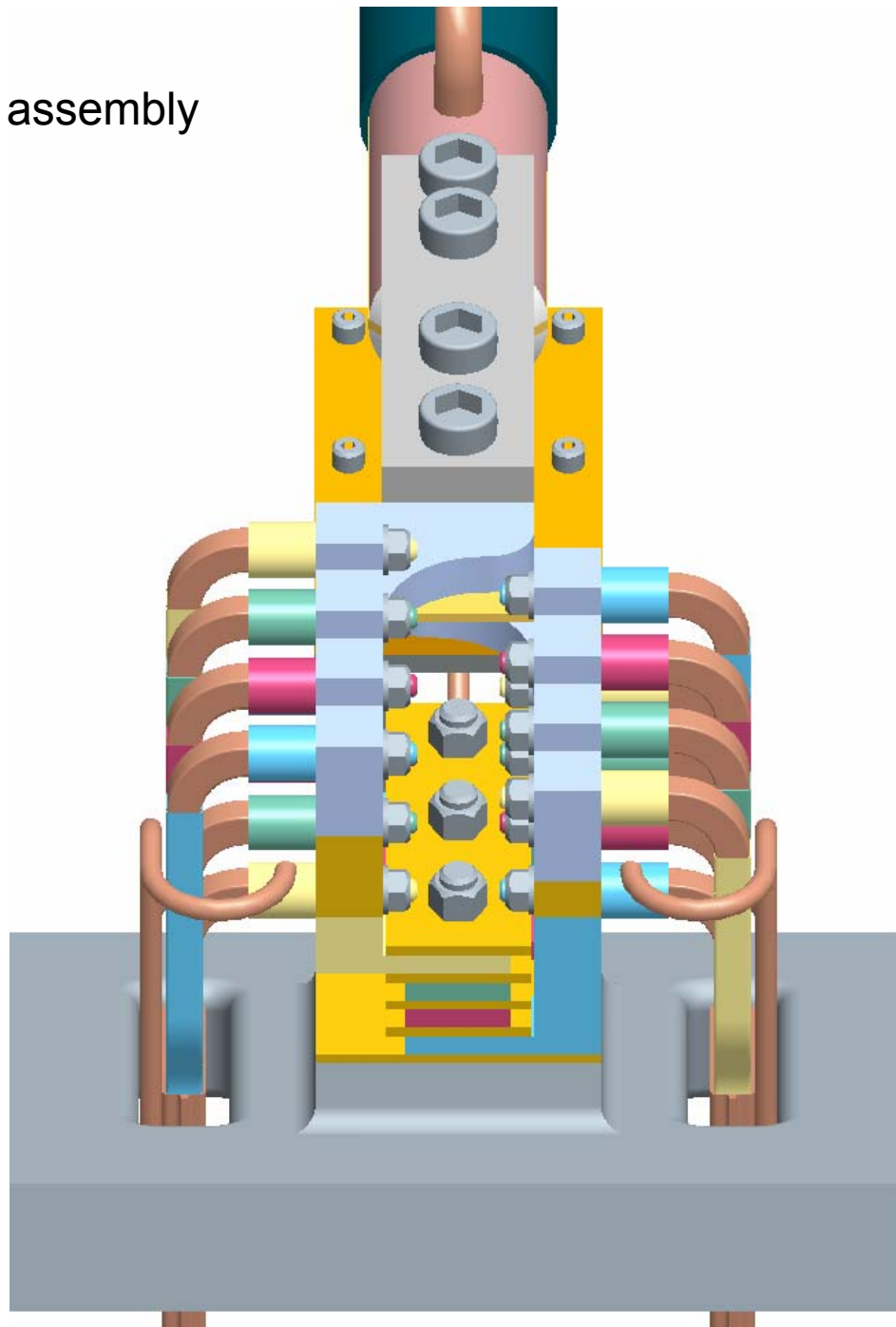


Side view of leads assembly



Shell

End view of leads assembly



End view of leads assembly

