

LCLS2 HIGH RATE KICKER MAG ASSY



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Engineer : T. Beukers
Drawing No. : SA-375-164-01 R1
Barcode # :4497

Coordinate System Setup

Spatial Alignment

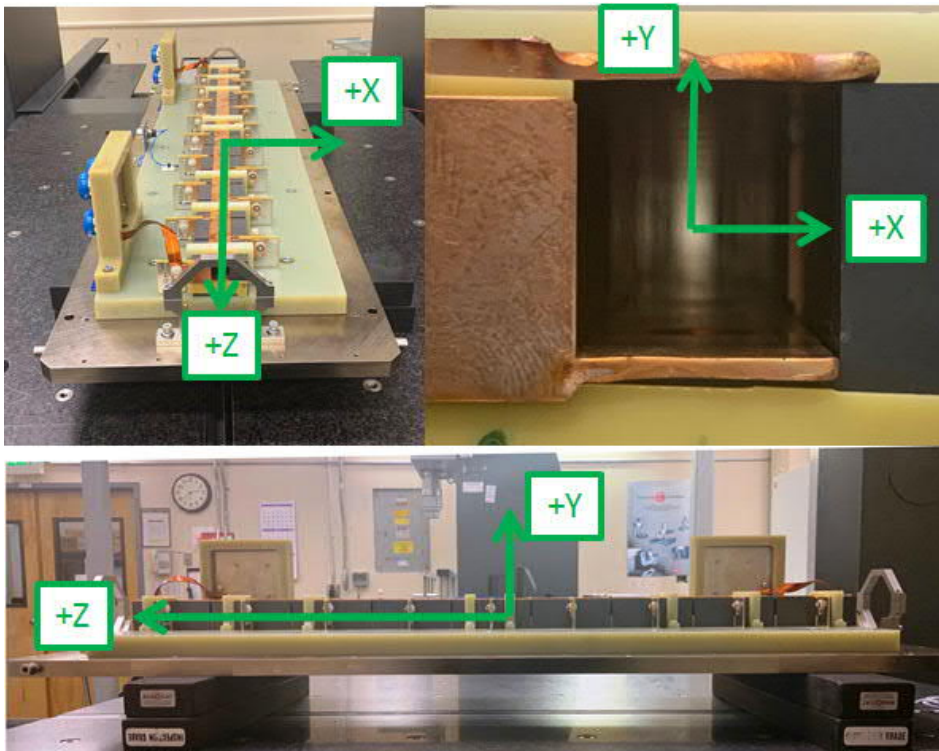
Symmetry Plane of the Outer Ferrite U-Core
Sets Zero in X and sets Pitch/Yaw

Planar Alignment

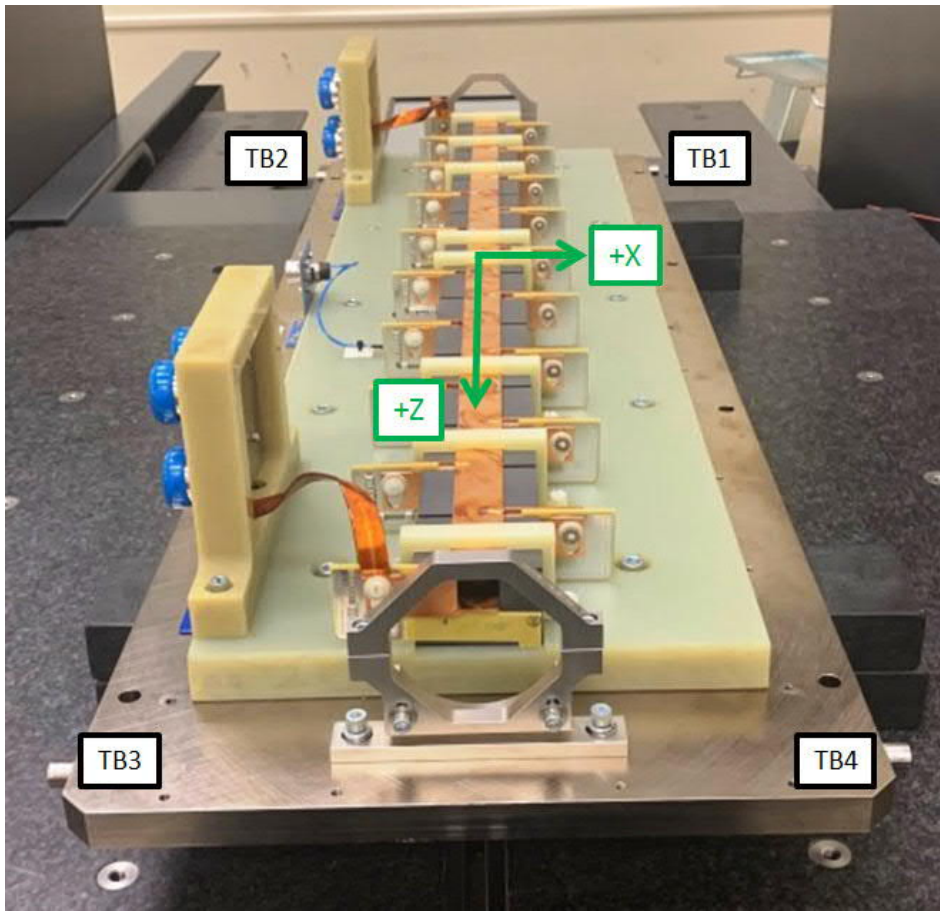
Symmetry Plane of inside Copper plate inside of Ferrite U-Core
Sets Roll and Zero in Y

Coordinate Origins

Origin in Z is the symmetry Plane of the end of the Upstream end of U-Core Ferrite
(side with flexure holder sticking down from plate) and Downstream end of U-Core Ferrite.



Tooling Ball Locations



Tooling Ball	X Coord.	Y Coord.	Z Coord.
TB 1	8.5023	-2.5445	-20.5832
TB 2	-8.5093	-2.5398	-20.5833
TB 3	-8.5185	-2.5254	20.4287
TB 4	8.4940	-2.5329	20.4296
TB A	7.8154	-2.5400	-20.5792
TB B	-7.8231	-2.5324	-20.5812
TB C	-7.8299	-2.5229	20.4248
TB D	7.8066	-2.5283	20.4280

Tooling Ball Locations (1-4) are 1 inch above Tooling Ball Adapter Plane
 Tooling Ball Locations (A-D) are 5/16 inch above Tooling Ball Adapter Plane
 Dimensions in Inch