

LCLS2 HIGH RATE KICKER MAG ASSY



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Engineer : T. Beukers
Drawing No. : SA-375-164-01 R1
Barcode # :4493

Coordinate System Setup

Spatial Alignment

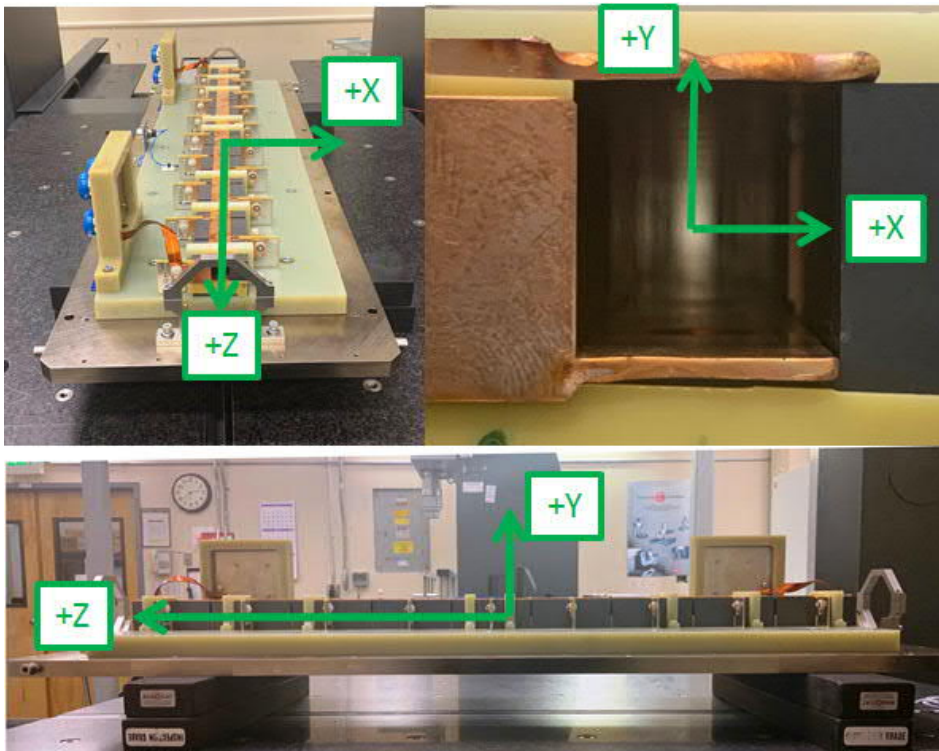
Symmetry Plane of the Outer Ferrite U-Core
Sets Zero in X and sets Pitch/Yaw

Planar Alignment

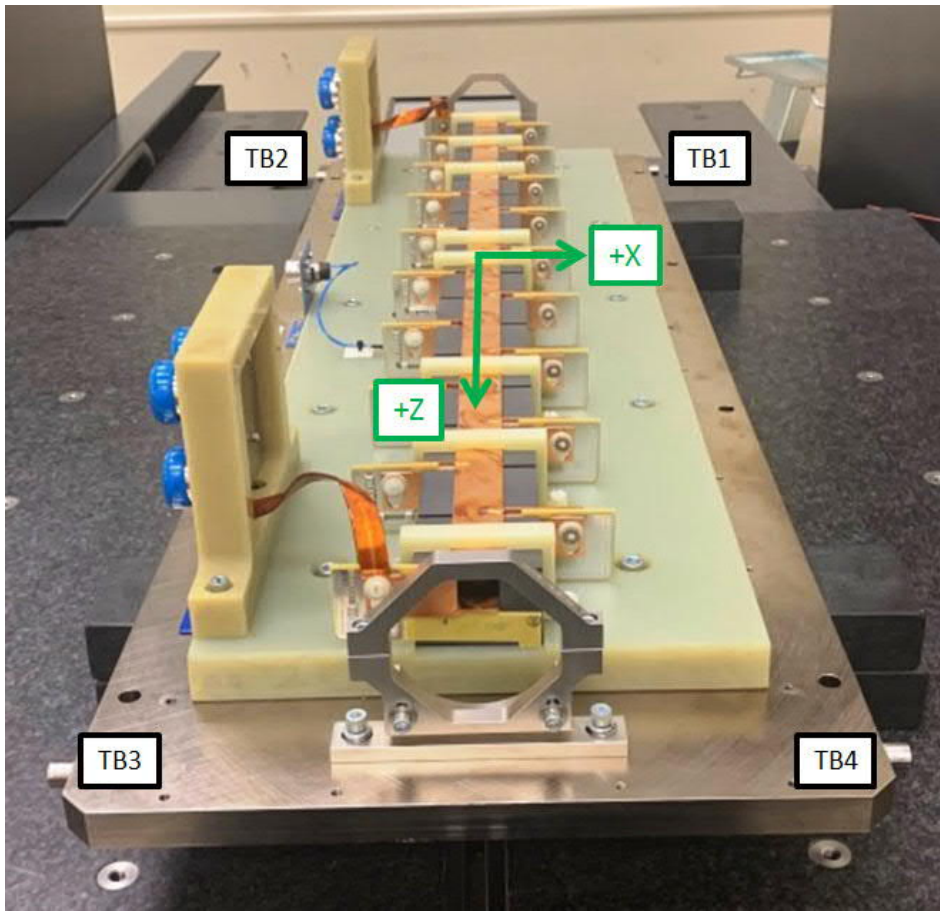
Symmetry Plane of inside Copper plate inside of Ferrite U-Core
Sets Roll and Zero in Y

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	8.5017	-2.5282	-20.4255
TB 2	-8.5163	-2.5365	-20.4184
TB 3	-8.5102	-2.5196	20.5808
TB 4	8.4987	-2.5321	20.5829
TB A	7.8105	-2.5280	-20.4199
TB B	-7.8285	-2.5300	-20.4165
TB C	-7.8224	-2.5173	20.5827
TB D	7.8106	-2.5272	20.5832

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