

LCLS2 HIGH RATE KICKER MAG ASSY



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Engineer : T. Beukers
Drawing No. : SA-375-164-01 R1
Barcode # :4492

Coordinate System Setup

Spatial Alignment

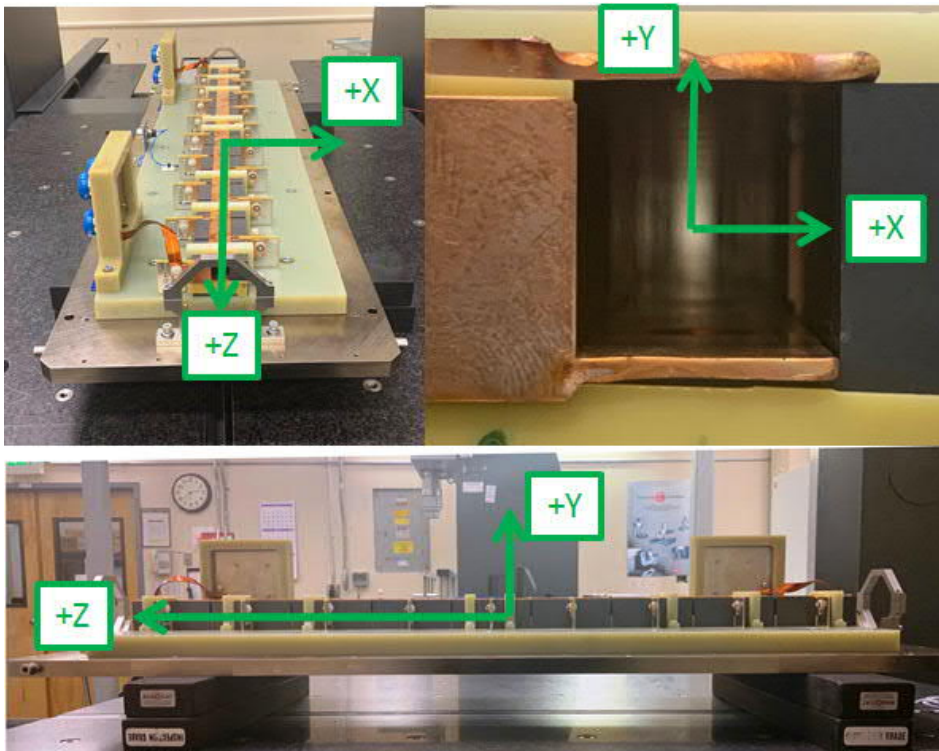
Symmetry Plane of the Outer Ferrite U-Core
Sets Zero in X and sets Pitch/Yaw

Planar Alignment

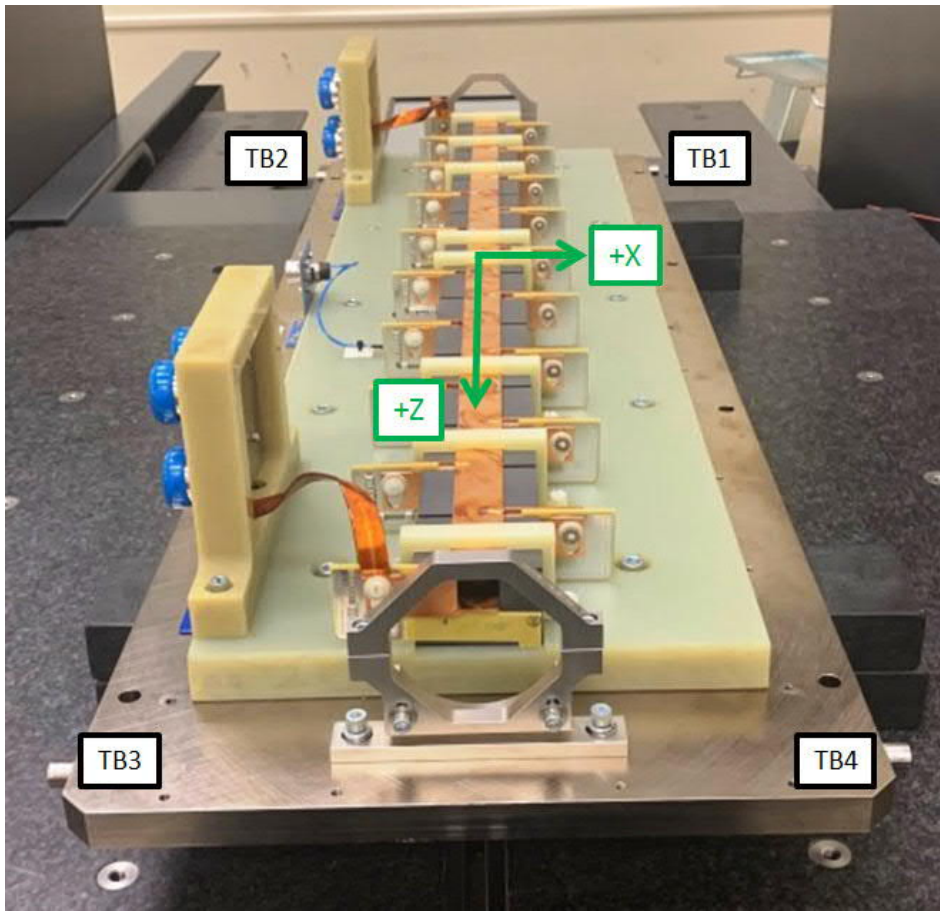
Symmetry Plane of inside Copper plate inside of Ferrite U-Core
Sets Roll and Zero in Y

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	8.5054	-2.5358	-20.5531
TB 2	-8.5039	-2.5214	-20.5625
TB 3	-8.5184	-2.5059	20.4318
TB 4	8.4916	-2.5357	20.4452
TB A	7.8186	-2.5323	-20.5560
TB B	-7.8169	-2.5211	-20.5630
TB C	-7.8308	-2.5102	20.4339
TB D	7.8035	-2.5281	20.4430

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