

# LINAC LASER NOTCHER READINESS REVIEW

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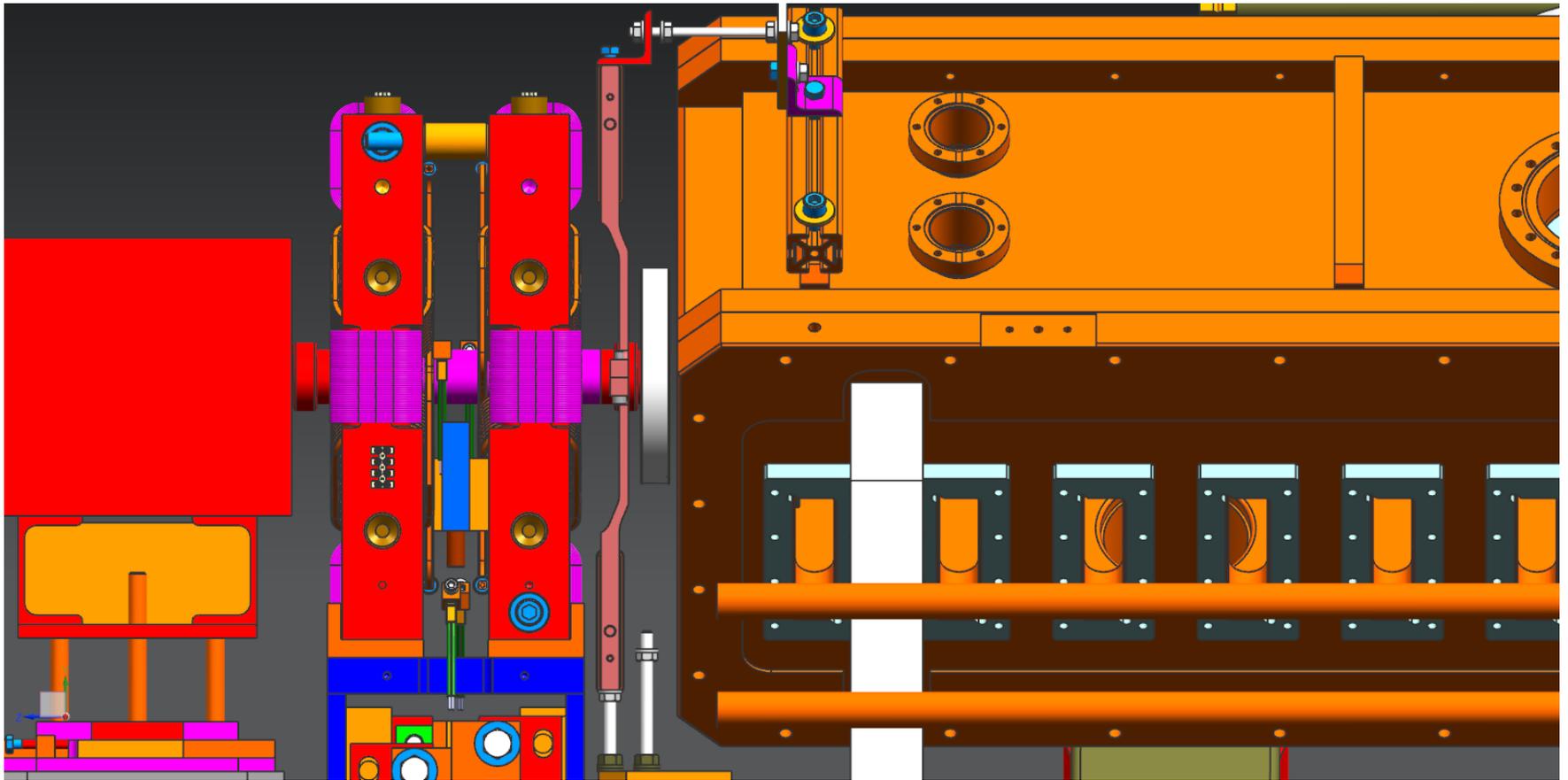
August 5<sup>th</sup>, 2014

Kevin Duel – Mechanical Support Engineer

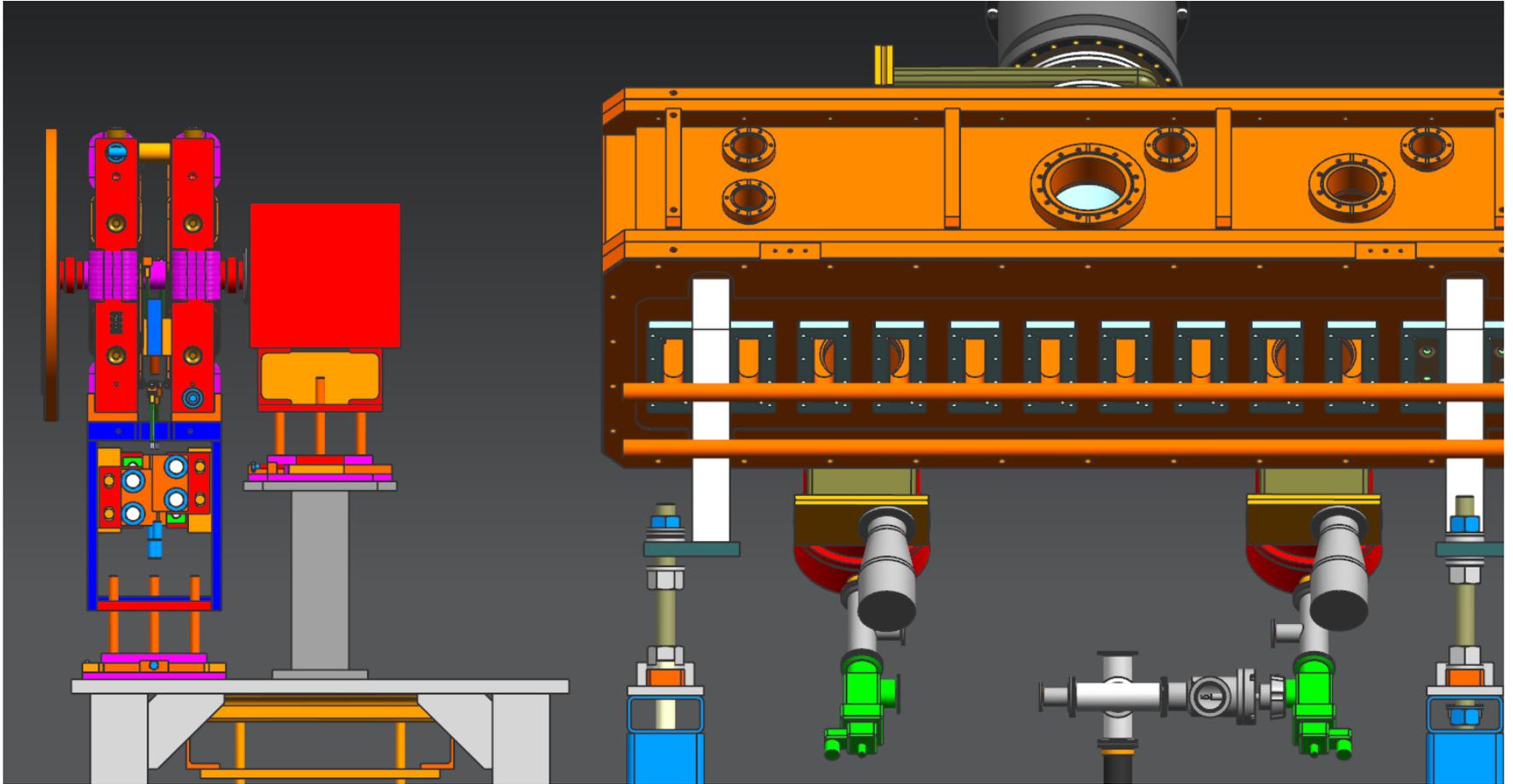
# Outline

- MEBT Modification and Installation

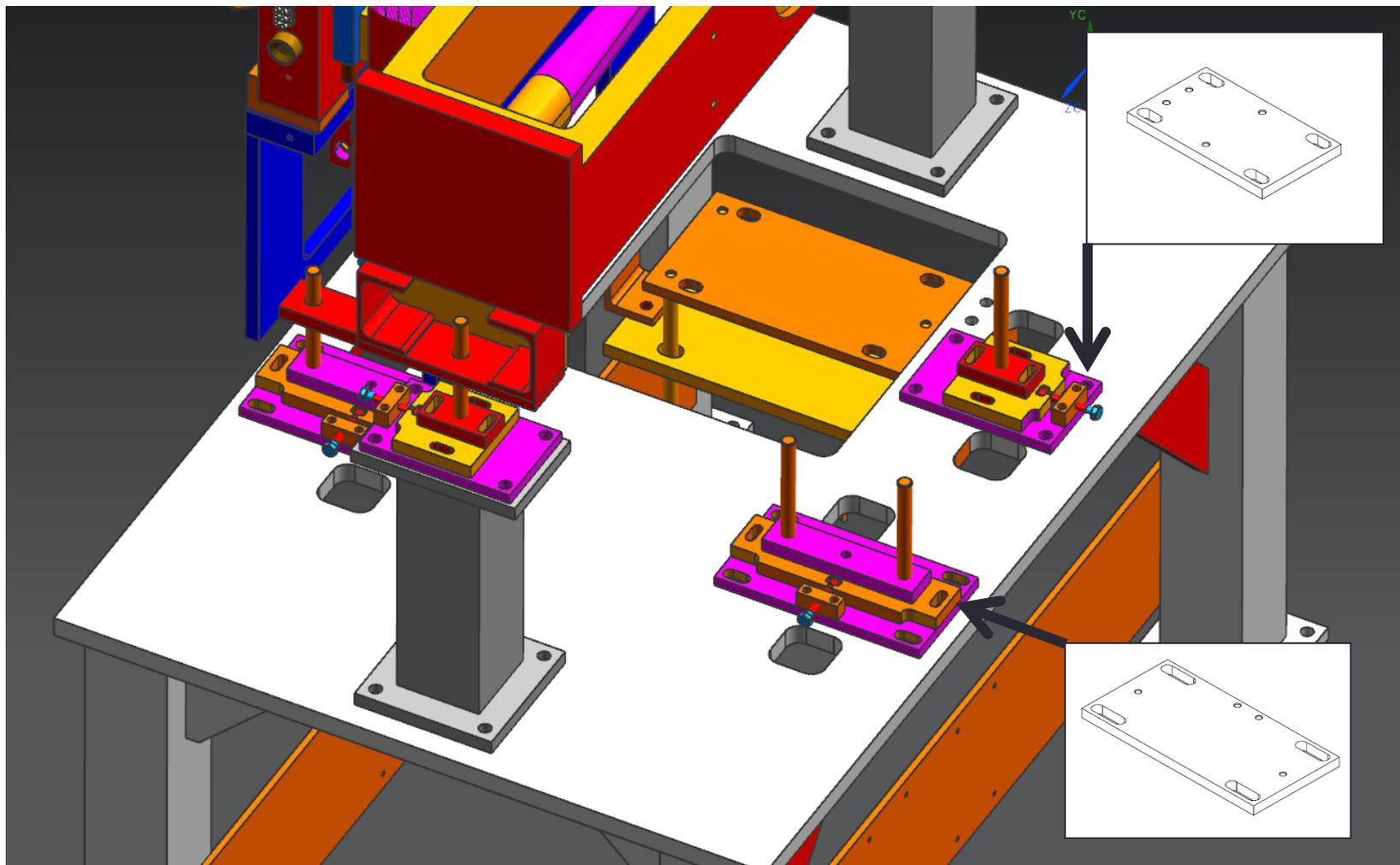
Remove quads, corrector and beam pipe



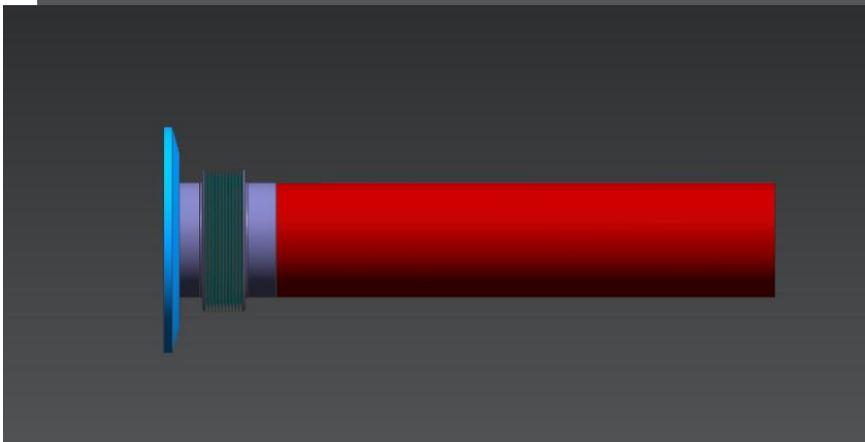
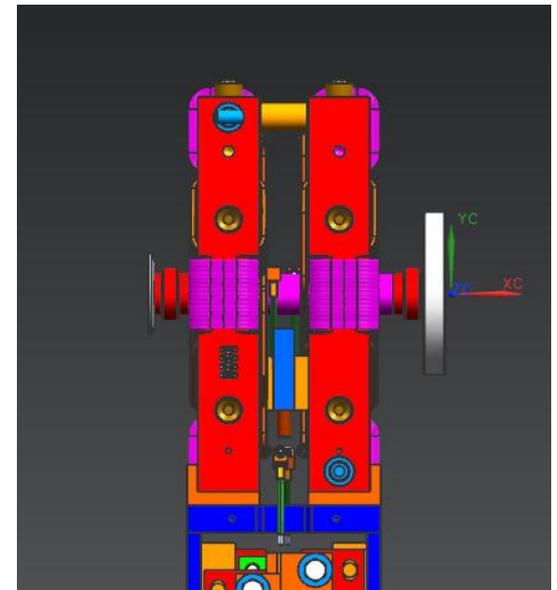
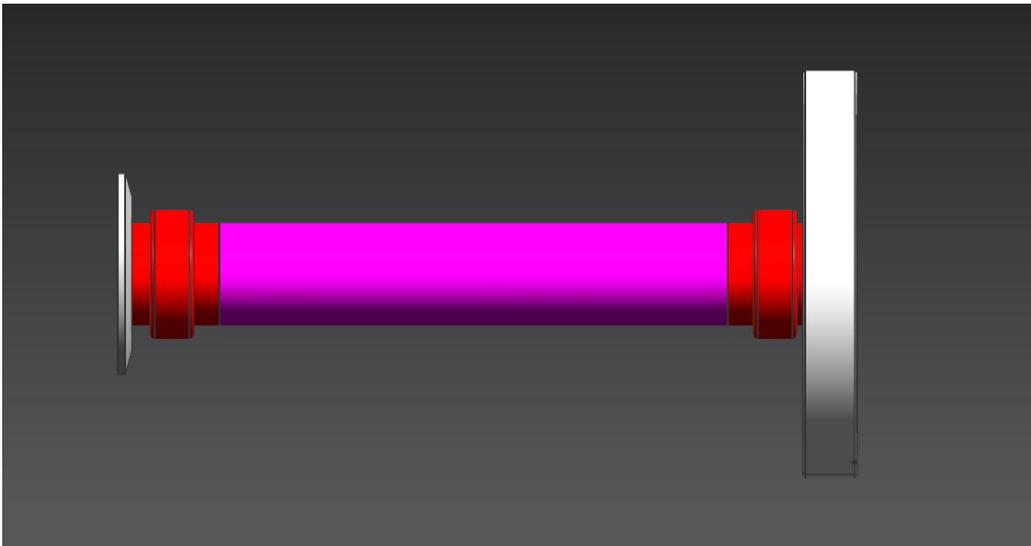
# Quads, corrector, and beam pipe removed



# Swap out adjuster stand plates

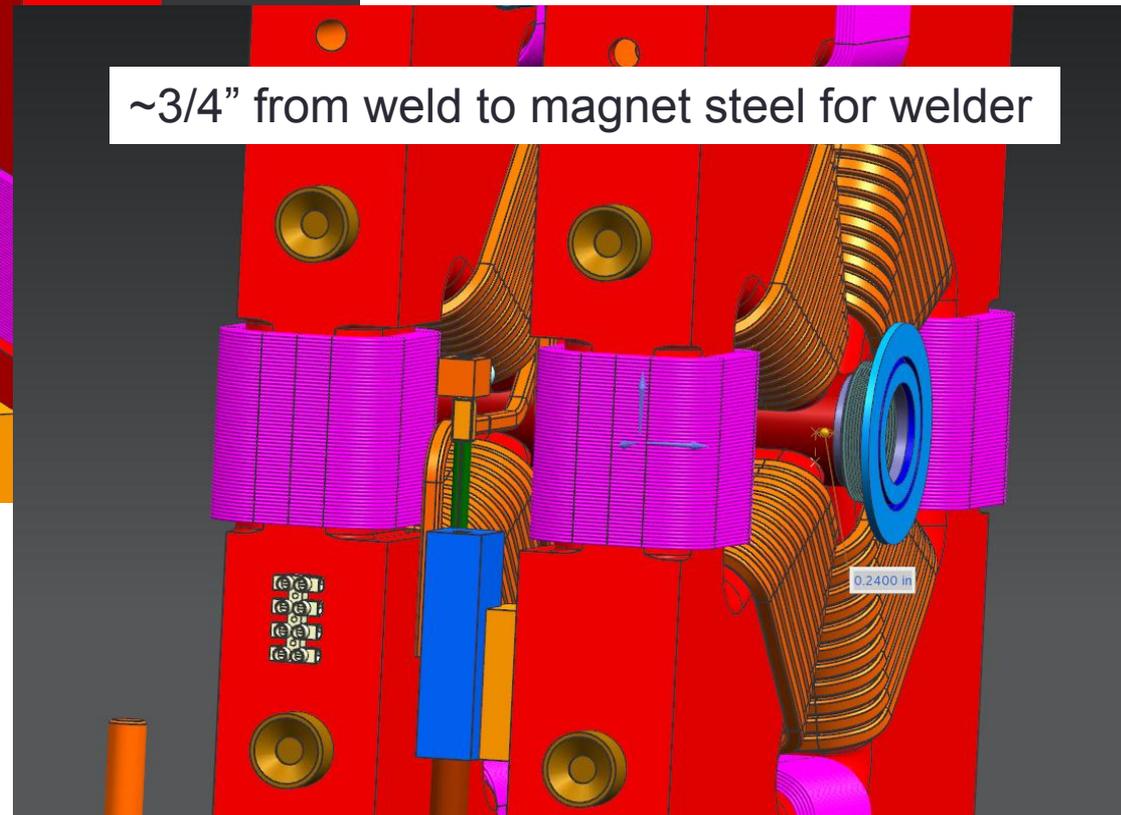
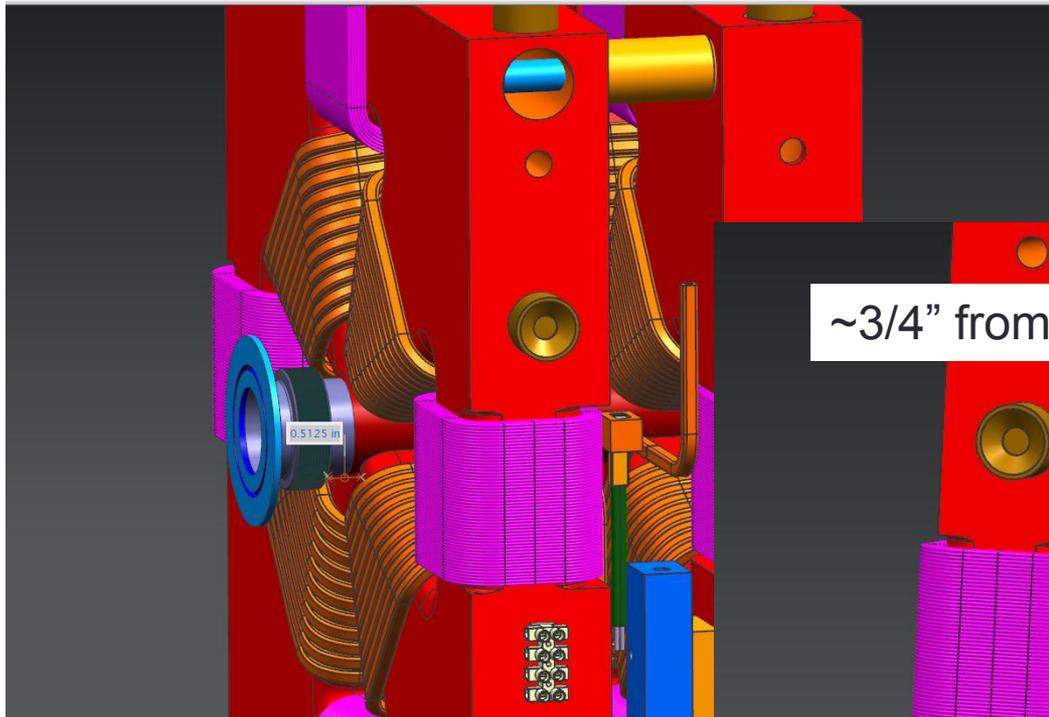


Cut off 6" Conflat and bellows and cut beam pipe to final length in machine shop



Clean beam pipe after machining

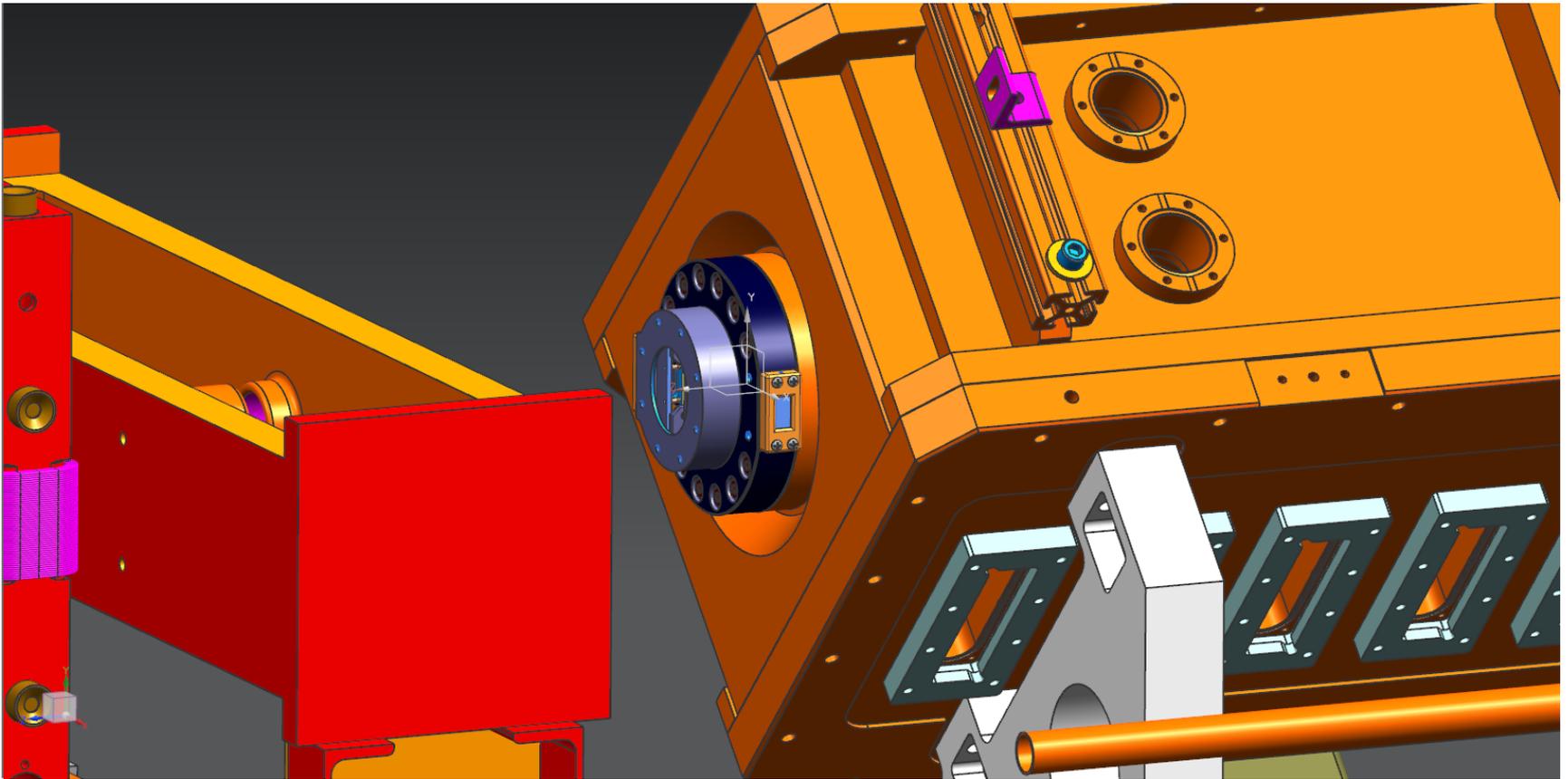
# Insert beam pipe through quad and weld on new bellows and KF50 flange



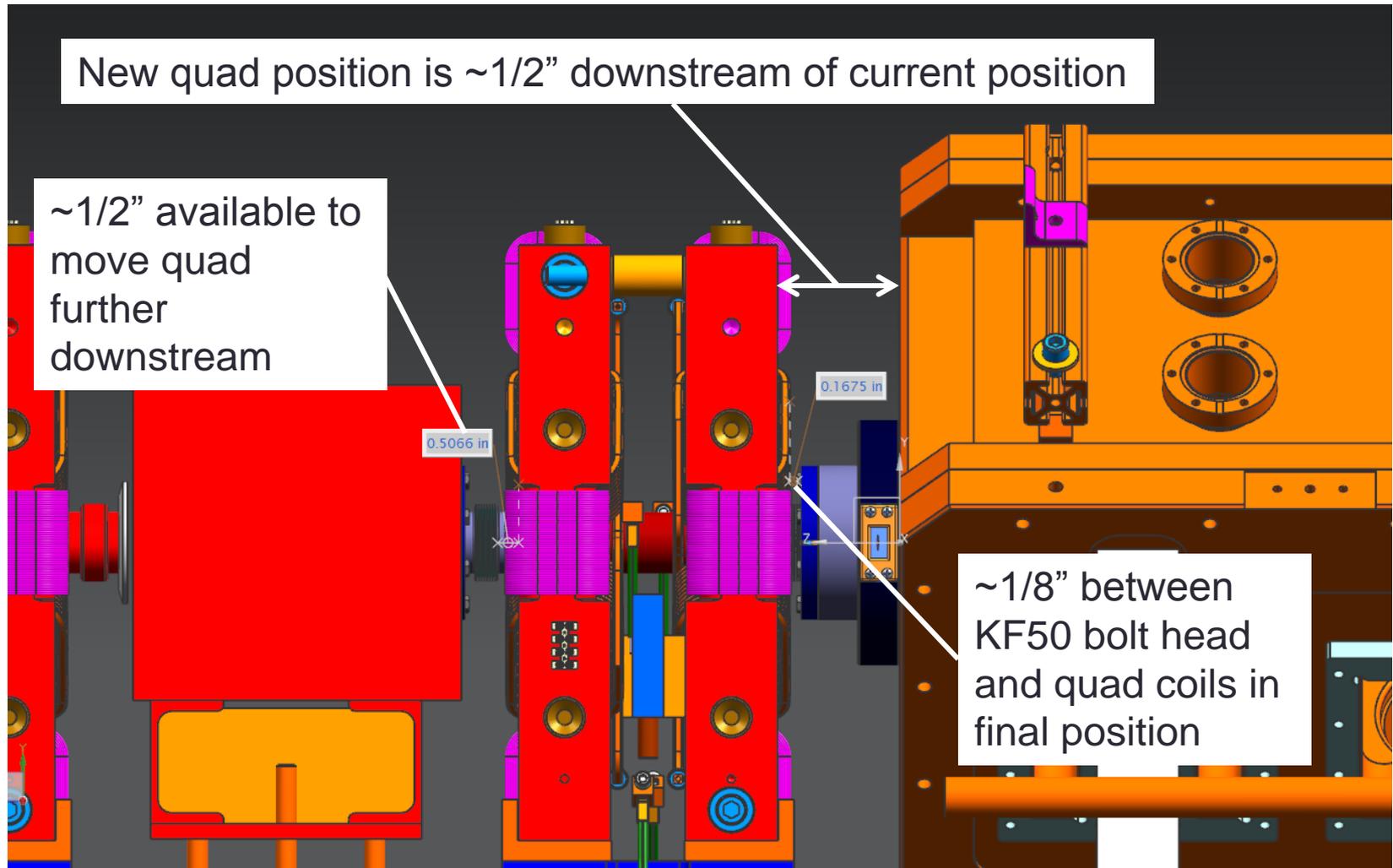
# Insert beam pipe through quad and weld on new bellows and KF50 flange



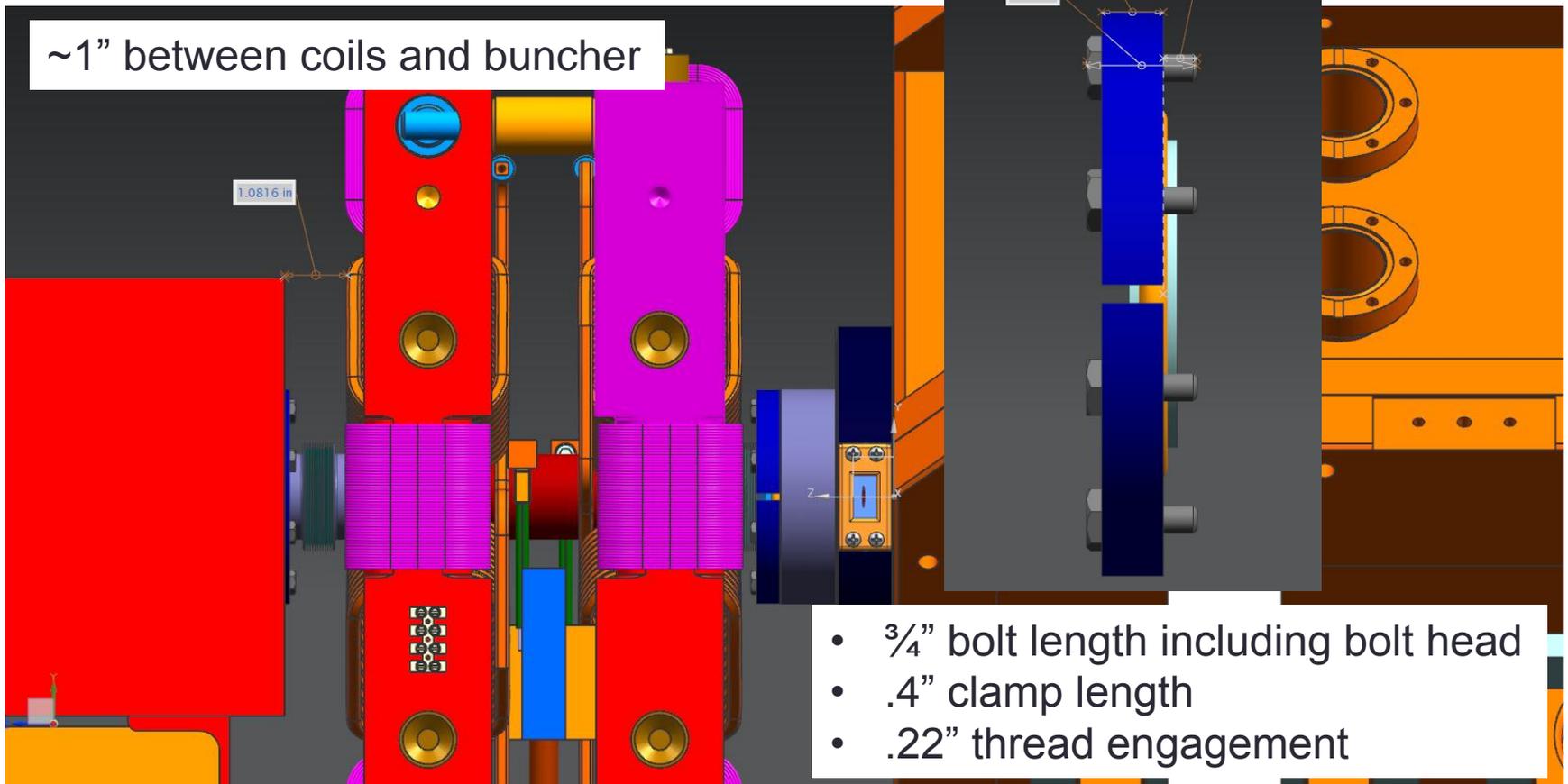
Assemble VC/OC onto RFQ, blank off KF50 port and leak check



# Install quads with new beam pipe, and make up KF50 flanges



# Install quads with new beam pipe, and make up KF50 flanges



# Remaining work

- Leak check
- Alignment