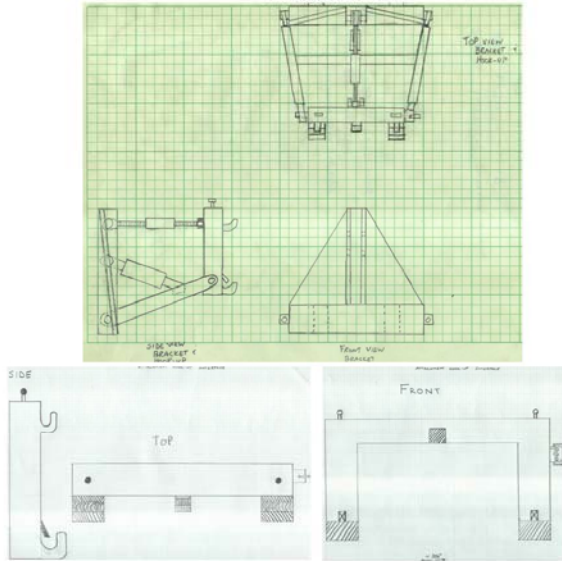


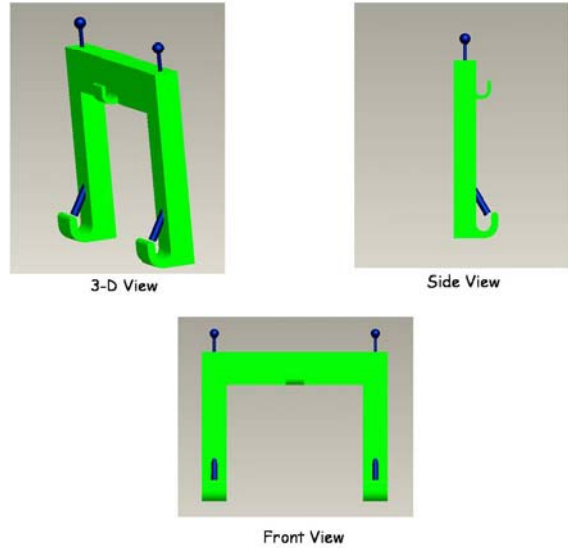
Our Sketches



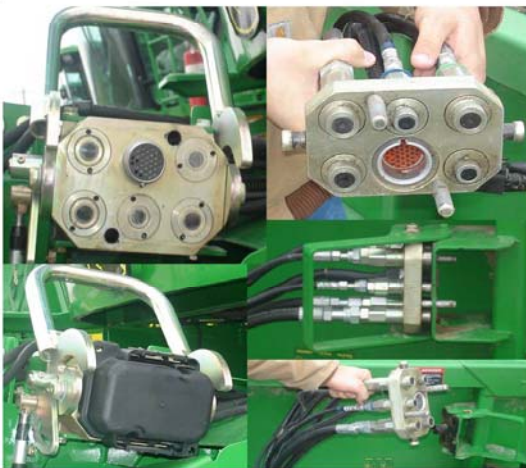
The top left drawing is the mount that attaches to the utility vehicle. This interface consists of the lifting arms, hydraulic cylinder, top link, bracket, and the quick hitch. The bottom three sketches detail the quick hitch.

To the right are the Pro-E drawings completed by Eaton's engineers created from our sketches. The quick hitch will interface directly with the attachment. It provides easy hooking up and unhooking of the attachment implement to and from the utility vehicle.

Pro-E Drawings



By using a single point hook-up method, one lever engages all electric and hydraulic connections. This simple process combines multiple steps beforehand into one simplified step.



Pictures taken of a John Deere 600 Series grain table and 60 series combine.

A special thanks to AJ Smith, Paul Brenner, Professor Ess, and Eaton Hydraulics for supplying knowledge to help us complete the project.

