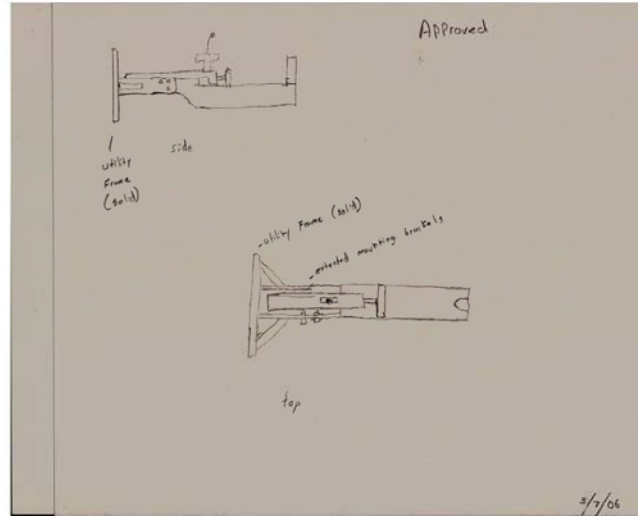


Brainstorming

- ✍ Hand Sketches of Ideas for the Conversion
- ✍ Two Different main Mounting Concepts from Mounting frame received from Bobcat to Log Splitter.
- ✍ Angle Iron across Mounting frame.
- ✍ Solid Plate Steel.
- ✍ S.W.O.T. Analysis used on all concepts to choose best Idea.



Rough Hand Sketch of Chosen Concept



Mounting Apparatus

Chosen Concept

Solid Plate Steel across Mounting Frame

- ✍ Less Welding
- ✍ Makes Mounting Frame Stronger
- ✍ Use of Bolts to connect Mounting Frame to Log Splitter
- ✍ Mounting Frame easily removed
 - ✍ For Repair, painting, and interchanging 3-point hitch mount.

Cost of Mounting Apparatus

Utility Mounting Frame-----	--Free (Bobcat Indy)
½" HR Steel Plate 36 lbs. -----	-\$19.08
C6, 8.2 HR Steel Channel, 33lbs.--	-\$19.47
Total	\$38.55

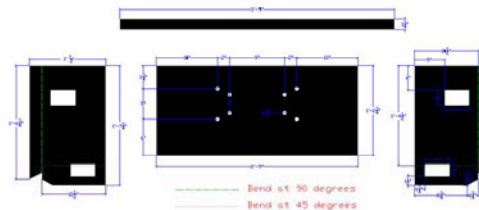
Cost of Hydraulics Conversion

12' J408 Hyd. Hose-----	-\$40.32
Hyd. Fittings and Couplers -----	-\$104.85
Total	\$145.17

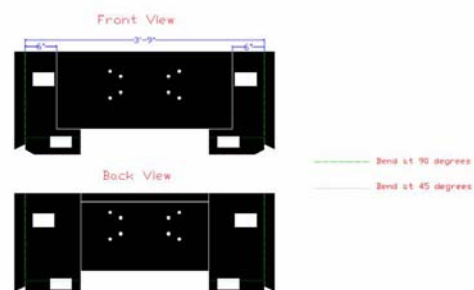
Total Cost \$183.72

Average Cost of Purchasing Log Splitter Attachment specially made for Bobcat Skid Steers

\$1,200



Mounting Plate Design



Mounting Plate Front and Back