

Rover Journal 4

Austin Shaunfield

Journal 3

Due 1/9/18

Date: 1-3-18

Team and Group Members

Frame Team

Sohum, Micah, Mark, and Wes

What I did

- We got in the metal for the frame
- We searched online for a special pedal and gear set
- I found two on ebay
- Sohum double checked that they were the correct pedals and that they would work on the rover
- Micah and I also logged the cost of the metal in the money book
- Then Micah and I started to draw out the measurement to start cutting metal

What I learned

I learned about the gear set and pedals we want to use on the rover. They are special because they have all the different gears inside the pedal assembly. The group ordered one of the pedals. But when we looked up how to mount it we learned we would need an extra plate on the tube were the pedal sits.

Date: 1-5-18

Team and Group Members

Frame Team

Sohum, Micah, Mark, and Wes

What I did

- Micah and I finished the frame drawings
- We cut the first two bars of steel
- We also had a talk about fresh cut steel and how it can cut you very easily
- So we along with cut the metal also grind down the sharp edges

What I learned

We did learn about how the metal is razor sharp after it is cut. That is why it is important to have on glove and grind of the sharp edges. Another tip I learned from one of the teachers is if the metal chop saw isn't cutting it might just be you are not putting enough weight down on it.