

Project Status Report - Week 26

- 8 Days until done 😬😬

Firmware

- Get information from cells and stored within Object dictionary
- Sends data to display and SCADA
- Minor changes for the display
- Need to do charging
- Almost done
 - Nadovich is wanting this DONE
 - Should've been done 2 weeks ago
- Cell Firmware is pretty much done

TSV

- Testing only with 5 right now
 - Could use more cells
- Tim:
 - 2 more drawings for prototype to final stage
 - Most drawings needed are done and submitted for the prototype
 - Get turned in today for parts this week
- Need to make the SMD bars ASAP to test the segment
 - Start when new Garrolite (sp) pieces are in
 - Tim is gonna talk to the ROB

Carman

- Electrical Part:
 - Waiting on order
 - Fuse Holders
 - Coming tomorrow?
 - Missing what we need to finish doing the HV and relay stuff
 - Questions on ICD
 - Start testing safety loop today
- Nadovich:
 - The effort needs to go here!

- This is very important and needs to get done

Enclosure

- Paint enclosure board
- Wanna use rivet nuts on the panels
- Working on motor controller box
- Want to start working on the cockpit enclosure
- Nadovich:
 - Push to have it assembled as possibly can
 - Even if things will be missing

Motor Controller Box

- Not gonna use the one we ordered
 - Box was too big
- New plans and start manufacturing soon

Electrical System Mounts

- Not made yet
- Want to start to mount onto the car ASAP as we take stuff out of the dynoroom
- Carman is done
- Motor controller has mounts
- Nadovich:
 - What are we doing
 - Gonna use a box that is open on the front side
 - Right behind the drive train, basically where it used to be
- Cockpit needs mounting

Cockpit

- got more feedback on board
- Hopefully another review tomorrow based on recent fixes
- Board NEEDs to go out ASAP
- Our Seat SUCKS
 - People do not fit in this seat
 - Nadovich: "Hit the gym!"

Suspension

- Got all a arms done
 - Need to tack them on
- Need to put on dampers and bell cranks
 - Missed up tabs on A arms so waiting on rob to remachine
 - He was out last week
 - Then weld back and good to go
- All mounts are ready to go
 - Shouldn't take too long

Steering

- Have to weld mounts uprights to control arms
 - Want to do this early tomorrow morning
 - Should take about 20 minutes
- Waiting on Gabe to install plate he made onto the chassis
- Annoying thing: Vacate weld table by Tuesday because of another design team (HOW DARE THEY)

Drivetrain

- Trying to finish it all this week
 - Done and in the car
 - Welded too? "I guess welded too"
- Ordered fasteners
- Finished the drawing for water-tight
- 3D printed a part
- Tack points are ready for the drivetrain

TSI

- Can finish new TSI board by Wednesday hopefully

Progress

- TSV made the most progress (7% yay)
- SCADA is still low since no ones working on it right now
 - Connor is NOT Scared

Budget

- Cooling, TSV, Drivetrain, Interconnect all made purchases
- Interconnect went over-budget again
- Gonna need to be buying more stuff soon
- Think cooling is DONE (yeet)
- Nadovich:
 - The point of having a budget is to not to change the scale because we can see where we are
 - Don't move the goalpost to look good
 - It's okay to go a bit over
 - Shows where we are slipping
- 69% Spent (Nice.)

Nadovich

- We still have a shot! (Wow this is new from him)
 - If it is done before spring break
 - Otherwise FORGET about it
 - Jordyn agrees
- I hope you all understand what we are up against
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