Item	Category	Entry	Status	Person Responsible	Resolution	Notes
Worn gears on front swerve modules (two)	Design	Payton	No real fix, gears are fully worn and should not be	Brendan		After gears were replaced, multiple bolts were missing/loose. Please use care and best practices when assembling.
Noisy SDS module, likely left side.	Design	Payton	Complete	Brendan	Gears needed to be greased, all of them sound smooth now	-Gear misalignment/worn/wrong on one of the left(?) SDS modules. Drive (not steering) is very noisy. Can we run each module independently to trace the noise source?
Worn string on elevator.	Design	Payton	Complete	Brendan	String wear was limited to the outside of the string, used a heat gun to bring back in the fuzz, similar to how Dave used the lighter at sac, string looks good now	Looking at wear on the outside of the outer strings, looks like as the U piece wore it scuffed up the outside and caused fluff, no real damage done as far as the last check before finals 2
Elevator rotation motor with worn insulation on the bottom of bot.	Design	Payton	Motor needs to be turned	Brendan		Turn motor so wires do not point down.-
Cracked wheel	Design	Payton	Complete	Brendan	Pried off the cracked flange, wheel looks very usable	Likely need to break off the cracked edge so it doesnt come loose and get into a gearbox
tread bolt stripped on at least one wheel	Design	Payton	No real solution?	Brendan	See notes	longer bolt and nyloc nut applied, hole has fully worn loose
Spare wheels have worn tread and some bolts poorly installed	Design	Payton	Complete	Brendan	Soren and Rohandeep were trained and completed the wheels, as well as added in the bolts that go into the bevel gear	The worn tread were ones that were taken off of the robots before
cracked/broken front frame rail.	Design	Payton	Incomplete	Brendan	Swap with 1/8" tube in front	Front MAXTube snapped and buckled
Deep check SDS modules for damage when replacing frame rail	Design	Payton	Complete	Brendan	Checked: only found a couple of loose bolts but overall not much needed to be done	
wire(s) not secure in lever locks on PDH.	Electrical	Payton	Incomplete	Rishi		was this root source for CAN issues? also happened multiple times, would be good if we could recheck the PDH connections Need to resolder all power wires going out of the PDH, should fix the issue.
Printed wrist has flat head screws threaded thru polycarb then into print, Threads in the print are probably stripped.	Design	Payton	Incomplete	Kina		The screws back out and can jam into the Max-tube causing wrist to lock/fail. The printed part needs nylocs or some other method method to prevent loosening.
Elevator not centered and hits the right front SDS module. Chain is now likely too tight and done as a temporary fix to mitigate the collision.	Design	Payton	Complete	Brendan	Redid the tension of the chain, and pushed against the elevator a bit and it is now back to normal	Need to redo chain tension on the arm, as well as probably torque the elevator back to flush
Forks lowering too slowly during buddy climb?	Design/Softwar e	Payton	Complete	Brendan/Yi	Fixed with chain tension	Scrape on climb slower, likely due to chain tension getting way higher
Bent aluminum support under elevator hitting RSL.	Design/Electrica	Payton	Complete	Anuish	Anuish moved the RSL 1/2"	Need to shift the RSL about .5" because its bumping elevator rn
Silicon sleeves worn and should probably be replaced before SVR, at least before Houston.	Design	Payton	Incomplete	Steven		Refloat silicone and cut off old stuff
RLS plug kept becoming unplugged.	Electrical	Payton	Complete	Rishi	Hotglued and pull tested, RSL wire stays in now.	Kept popping out on the rio
1/2" CF support snapped/broke. Had a replacement CF tube, but no Al replacement tube	Design/Fabricati on	Payton	Incomplete	Steven/Kina		CF was struggling to deal with the load, and needs to be swapped to the aluminum version asap
Bumper support bracket needed rivets added.	Design	Payton	Complete	Brendan	Added extra high strength rivets	Needed additional rivets to keep flush, the plate started to be able to wiggle after our 8th qual match or so
battery right angle AL supports (2) needed to re-riveted. needs to be re-done.	Design	Payton	Complete	Brendan	Riveted them back on	Need to drill out the old rivets and put in new rivets
infinity polybelt on intake was replaced.	Design	Payton	Complete	Brendan	Swapped the belt	
LED splitter(?) broken?	Design	Payton	Temporarily Fixed	Rishi	Issue with power and signal wires, these were temporarily swapped and the splitter was skipped, change needs to be reverted and fixed more permanantly.	
can the sponsor panel be relocated? Current location makes PM more difficult and thus less likely to be done.	Design	Payton	Unsure as to feasibility of the fix	Brendan/Mike/Melody		Currently the presence of the sponsor panel on the back makes it challenging to look at several bolts that can potentially work themselves loose, if it cant be moves thats ok, does make matenience a lot harder though
Practice bumper fabric worn/torn. Comp bumpers appear OK with small tear in a blue bumper.	Fab	Payton	Unsure as to whether it is worth to make new/fabric new bumpers	Steven/Jackson		Comp bumpers were doing pretty well except for a small cut, don't think its worth to put on new fabric, just means we have to be sure to run practice bumpers at all times

Item	Category	Entry	Status	Person Responsible	Resolution	Notes
Bring manifolds and solenoids for cs	Citrus service	Jasmin	Incomplete			
Bring more lever locks for cs	Citrus service	Jasmin	Incomplete			
Need to check for abrasion points more often pre-comp	Electrical	Rishi	Complete	Electrical Subteam	Need to add "check for abrasion points" to the checklist, AND run checklist more often.	Many abrasion points were only noticed at Sacramento regional, including ones under the robot, and one at the claw
LED wire splitter had two wires swapped as a temp fix, need to redo that	Electrical	Rishi	Complete	Rishi	redid the led wire splitters	Quick fix, just requires us to swap the red and white wires on the input side of the wire splitters, then on the functioning LED just needs to have red and white swapped there also.
CAN wire and heat shrink were taken out of pit only a few minutes before they were closed	Electrical	Rishi	Complete	Rishi	Talked to new members about this, made it clear about pit packing	Perhaps need to make sure no members take things out of pits the last day of pit packing, make sure people dont put things back in the room instead of back in the pit when they borrow things from the pit
Sheating on the intake was almost shredded	Electrical	Rishi	Complete	Rishi	An extra piece of sheathing which was of a different kind was placed over the sheathing as protection, which worked well.	Spiralling sheathing is much more resistant to abrasion than the fabric-esque one.
Cold solder joints on 2 areas soldered by newer members	Electrical	Rishi	Complete	Electrical Subteam	Cold Solder joints were fixed, and robot was checked for other ones.	
Only 1 soldering iron was packed	Electrical	Rishi	Incomplete	Rishi		My bad on this one, I only packed one soldering iron, sorry about that.
No "proper" Female PWM crimps were packed	Electrical	Rishi	Incomplete	Rishi		My bad on this one also, I didn't notice this when I was packing the pits. It didn't cause any issues during Sac, but I noticed on Sunday that the pits only had an "off-brand" variation of Female PWM crimps, and over half of the male crimps were also these "off-brand" ones." These crimps have been mixed with the actual crimps in the pits, and the "off-brand" crimps do not work in housings at all.
Intake bar inserts keep shearing	Design	Brendan	Incomplete	Kina/Steven		Looking to switch away from the 3D printing inserts and the current aluminum hotfix, in order to have delrin blocks to provide support and keep weight low