

17/12 Diary - 1

Today, our team focused on addressing specific issues encountered during the competition by making modifications to the structural design of our Robot.

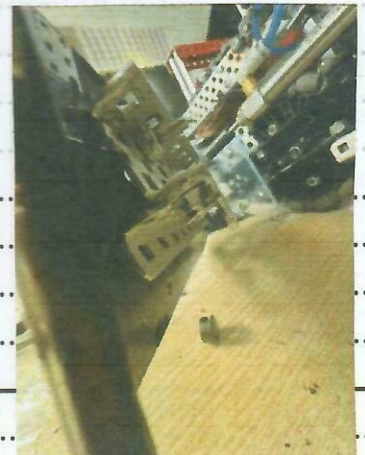
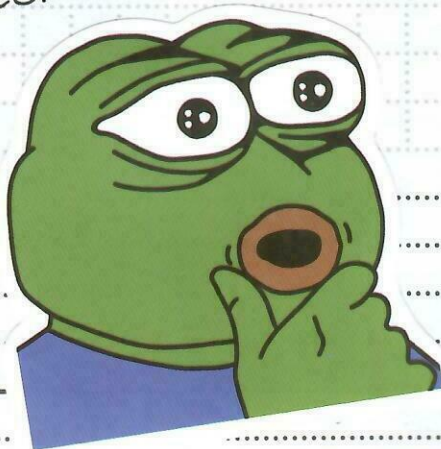
### ● Wing Mechanism

We made improvements by separating the two components. This modification ensures that the wings can be opened without hindering Robot's ability to cross the long barrier pole smoothly.

This design change not only enhances our defensive capabilities against opponent Robot, but also increases the Robot's potential to successfully navigate the long barrier pole during the Auto-period in the Skill Challenge.

### ● Air leakage

Through team discussions and meticulous inspections, we traced the source of this issue is that the solenoid valve port is too loose. Additionally, we discovered that improper trimming of the air tube ends during connecting resulted in minor air leakage at each interface.



project

date

12/17