

# SONICS SHOUTOUT WEEK 6 UPDATE

## Design team

This week, design team has worked on attaching the robot intake to the horizontal slide and testing to see how far it can extend. They've also run interference tests to check if what we have will work. There have also been students working on getting controls mounted on the robot in the best way possible.



## Build Team

This last week, build team was mostly assisting fabrication by cutting more stock, along with tapping and deburring finished parts. They were also able to assemble the frame for the robot.

## Fabrication Team

Fabrication has been busy working on parts that design has released. So far, they've been able to keep up with the increasing number of parts, thanks to students being more comfortable with running the machines and members putting in more time to get work done.

## Programming team

The programming team has been working on using April Tags to position the robot in autonomous. They have also been working on refining many autonomous routines, such as, balancing on the charging station, leaving the community zone and maneuvering through the tight spots on the field.

## Sponsor Shoutout

We are happy to recognize our sponsors, AcenTek and Precision Metalforming Association. This year, they've generously come along side us with a financial donation for our high school team.



So from all of us at Allendale Robotics and the TriSonics, thank you! Be sure to keep checking your inboxes for our weekly updates!



## Champions of their League

We're also very proud to recognize our Vex teams, 61187A, 61187B, 61187C, 61187D, 61187E and 61187G. They have displayed excellent ingenuity, good sportsmanship and overall gracious professionalism. We are glad to announce that all of these teams have been invited to compete in the Vex Robotics State Competition.

So, from all of us at the Allendale Robotics, congratulations and good luck!

## Interested in sponsoring?

Our program is always welcoming new sponsors! If you think this is something your organization would consider, contact us at [sponsorship@allendalerobotics.com](mailto:sponsorship@allendalerobotics.com) or scan the QR code for more details.



# THANK YOU SPONSORS FOR YOUR SUPPORT



Building Value  
Into Building Products®



**JR AUTOMATION™**

A Hitachi Group Company



**E3 Integrated  
Engineering, LLC.**

