





## **Getting Started**

#### Break into 2 sub-teams:

- Electronics/Programming (Phillip Marks lead)
- Transmission/Frame (Jevawn Roberts lead)

## Get parts and go to rooms

#### Expected time:

- 0:00-0:30 Introduction, Pull parts from kit
- 0:30-2:00 Electronics team assembly/Programming
- 0:30-2:00 Transmission & Frame assemblies 2:00-3:00 Mount electronics board and test
- 3:00-4:00 Run robot or troubleshoot; clean-up

## Rules

- 1. Wear safety glasses! Put them on now.
- 2. You are responsible for your own kit of parts.
- 3. Do not drill into any tables!
- 4. Start practicing 'Gracious Professionalism' today.

# The Plan

Get each team their parts and dismiss them in this order:

- 1. Electronics/Programming team
- 2. Transmission/Frame team

# **Programming Team**

Pull the software CD from the Control Systems box and go to the Electronics Room with your team's laptop.





#### **Remainder of Electronics Team Parts**

**Control System Box** (If you didn't already get yours ahead of time)

Also take: - 17" x37" electronics board - 8"x24" driver station board - 'Goody' bag, minus the 'sandwich bag' of various nuts/bolts (give that to the Frame Team)

# 1 Battery Box h bins) Bo

#### **Tools for the Electronics Team**

Wire strippers Wire cutters Wire crimpers Phillips screwdriver - #2 Flat Screwdriver Supplied Wago flat screwdriver 3/8" combination wrench

10mm combination wrench

 Tape measure

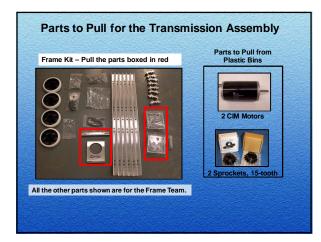
 ½" and 3/8" Drills

 \* 7/16" combination wrench

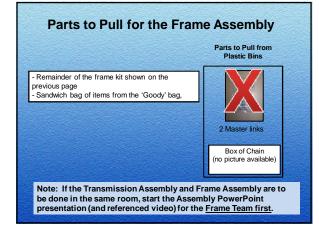
 \* Cordless drill

\* Return these 2 items to Frame Team as soon as the holes are drilled and the ¼-20 bolt tightened in the electronics base plate.

Once the Electronics Team has all the parts and tools, go to the Electronics Room









# **Thank You!**

- Georgia Tech RoboJackets
  Phillip Marks
  Jevawn Roberts
  Stefan Posey
  Aakash Gihwala

  - and many more

- Georgia FIRST
   Connie Haynes, Regional Director
   Jeremy Roberts, Ass't Regional Director

  - Rick Folea
     Mannie Lowe
  - Ray Spurlin

Georgia FRC Beta Team