

2024 – 2025 Kit of Parts

To purchase your kit of parts, please visit your team Dashboard: <https://login2.firstinspires.org/Account/Login>. You will then be able to access the Pitsco Storefront to purchase your robotics kit. There are a couple choices you will be able to make to select the kit that will work best for your team. If you have any questions about registering your team or ordering product please reach out to us at ftcteams@firstinspires.org. If you are waiting for a grant, please DO NOT check out until after that grant has been awarded. *FIRST* will not be able to make changes to orders after checkout.

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Step 1: Pay your \$295 registration fee.

Your season team registration includes:

- Official *FIRST* Tech Challenge team number.
- Ability to register and compete in official *FIRST* Tech Challenge events.
- Access to the *FIRST* storefront for discounted control system components and robot kit of parts.
- Ability to compete for team awards and submit Dean’s List nominations for students in 10th and 11th grade.
- Participant/alum access to career discovery opportunities, connections to scholarships/employers, and a place in the *FIRST* community for life.
- Access to community forums where teams can get expert help with control system questions.
- Access to resources for team management and career readiness.

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Step 2: Choose a Control and Communication Set, \$275

The Driver Hub in the Control and Communication Set transmits commands and serves as the Driver’s Station and Robot Controller. Each team will be allowed to purchase one Control and Communication Set for the 2024-2025 *FIRST* Tech Challenge season.

Control & Communication Set 5

Includes:

- Logitech Gamepad F310 (2)
- REV Driver Hub (1)
- Logitech WebCam (1)

\$275.00 (USD)



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Step 3: Choose an Electronics Set, \$315

The modules in the Electronics Set control the flow of information to and from the various components of the robot. Each team will be allowed to purchase one Electronics Set for the 2024-2025 *FIRST* Tech Challenge season.

Electronics Modules and Sensors Set V1.1 includes:

- REV Robotics Control Hub
- Smart Robot Servo
- Switch Cable and Bracket
- Color Sensor V3 with cable
- Touch Sensor with cable
- Resistive Grounding Strap
- FTC Control Hub Cable Pack
- M3x16 screw pack and nylock nuts



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Step 4: Choose a Competition Set

The Competition Set provides the structure and locomotion for the robot. Each team will be allowed to purchase one Competition Set for the 2024-2025 *FIRST* Tech Challenge season. Options include the TETRIX *FIRST* Tech Challenge Competition Set (\$630) and the REV Robotics *FIRST* Tech Challenge Competition Set (\$640).

TETRIX® *FIRST*® Tech Challenge Competition Set

- Brackets and mounts
- Structural channels, angles, & plates
- Wheels and gears
- Omni wheels
- Battery pack and charger
- Hard Point Connectors
- Servos and DC Motors
- Fasteners and tools
- Storage bin
- new TETRIX® MAX pieces



REV FIRST® Tech Challenge Competition Set V3.1

- Over 1,350 REV DUO components packaged in a plastic carrying tote
- Aluminum extrusion, channel, and hex shafts
- Plastic and metal structural brackets
- Multiple wheel options, including all-new DUO Flap Wheels designed for intakes
- Configurable UltraPlanetary Gearboxes with HD Hex Motors
- M3 standardized hardware and tools
- 12V slim battery with charger
- #25 sprocket, chain, and Chain Tool
- Smart Robot Servo with multiple attachments
- 7 sizes of hex gears



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Step 5: Choose a Game Set (Optional)

Select an AndyMark game set for the 2024-2025 INTO THE DEEP presented by RTX game! Teams may order a full game set, a half game set, field soft tiles, and a perimeter kit through our *FIRST* Tech Challenge Storefront. These purchases are optional. The full and half game sets will start shipping the week after *FIRST* Tech Challenge Kickoff, on September 14, 2024.