This is the first revision of the 2025 FRC Kit of Parts. The parts are organized in folders based on the totes they come from. The Gray Tote and Black Tote each contain a PDF of the included parts. Note that some of the list items are not included for lack of necessity in a final assembly. There are three independent folders for the Drive Base Configurations, each containing a different frame configuration and the parts needed to assemble it.

Some of the models are simplified to follow only the basic geometry. Part materials were assigned based on manufacturer specifications or industry standards. 3DXML mass properties may differ slightly from manufacturer specifications. Some parts were modeled from scratch based on drawings provided by manufacturer. The included models are available in SOLIDWORKS 2024, 2025, STEP, and 3DXML file format.

The Visualize Field Renderings folder includes different viewpoints for teams to visualize the playing field, all produced by SOLIDWORKS Visualize. Short animations are available to provide teams with a better understanding of the view from the driver's station as well as the robot on the field. A folder of 360° panoramic images at different positions throughout the field is included.

For tutorials please visit www.solidworks.com/edu_robots.