

Important Notes & Instructions

- This folder contains VEX parts that were not included as part of the Fusion 360 VEX 5 CAD Library zip file.
- All of the files here are in STEP format (this is standard CAD file format that you can import into Fusion 360)
- Pictures are also included so that you can see what the components look like.

Parts Organized by Folder (folder names in **Bold**):

1. Chassis Rails

- a. 2 x 16
- b. 2 x 25
- c. 2 x 35

2. Driveshafts

- a. 2"
- b. 3"
- c. 12"

3. Other

- a. 1x25 Steel Bar
- b. Baseplate
- c. Bearing Attachment Rivet
- d. Gusset Angle
- e. Lock Plate
- f. Plus Gusset

4. Rack and Pinion Kit

- a. InnerSlideTruck
- b. OuterSlideTruck
- c. RackGear
- d. SlideCBracket
- e. SlideTrack

5. Spacers

- a. $\frac{1}{8}$ "
- b. $\frac{1}{4}$ "
- c. $\frac{3}{8}$ "
- d. $\frac{1}{2}$ "
- e. 4.6mm
- f. 8mm
- g. Teflon Washer
- h. Steel Washer

6. Standoffs

- a. $\frac{1}{4}$ "
- b. $\frac{1}{2}$ "
- c. $\frac{3}{4}$ "
- d. 1"
- e. 1- $\frac{1}{2}$ "
- f. 2"
- g. 2- $\frac{1}{2}$ "
- h. 3"
- i. 4"
- j. 5"
- k. 6"

7. Winch and Pulley Kit

- a. Pulley
- b. winchCBracket
- c. WinchDrum