

## Important Notes & Instructions

- This folder contains VEX parts that were not included as part of the Fusion 360 VEX 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 included:

1. 30 x 15 Base Plate
2. Gusset Angle
3. lockPlate
4. plusGusset
5. Chassis Rails
  - a. 2 x 16
  - b. 2 x 25
  - c. 2 x 35
6. Rack and Pinion Kit
  - a. InnerSlideTruck
  - b. OuterSlideTruck
  - c. RackGear
  - d. SlideCBracket
  - e. SlideTrack
7. Winch and Pulley Kit
  - a. Pulley
  - b. winchCBracket
  - c. WinchDrum
8. 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"
9. 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