JK Ultimate Front and Rear Coilover Towers

Thank you for purchasing the RPM Steering front & rear long arm upgrade kit. Please take your time during the installation and be sure to do it correctly. Please read the directions before starting your installation so you know what to expect. Remember, your safety and the safety of others depend on it. Feel free to call with any questions you may have, 480-476-2073.

Kit Includes:

(2) Front Coilover Towers

(2) Front Coilover Axle Mounts

(2) Rear Coilover Towers

(2) Rear Coilover Axle Mounts

(2) Crossmember Horizontal Gussets

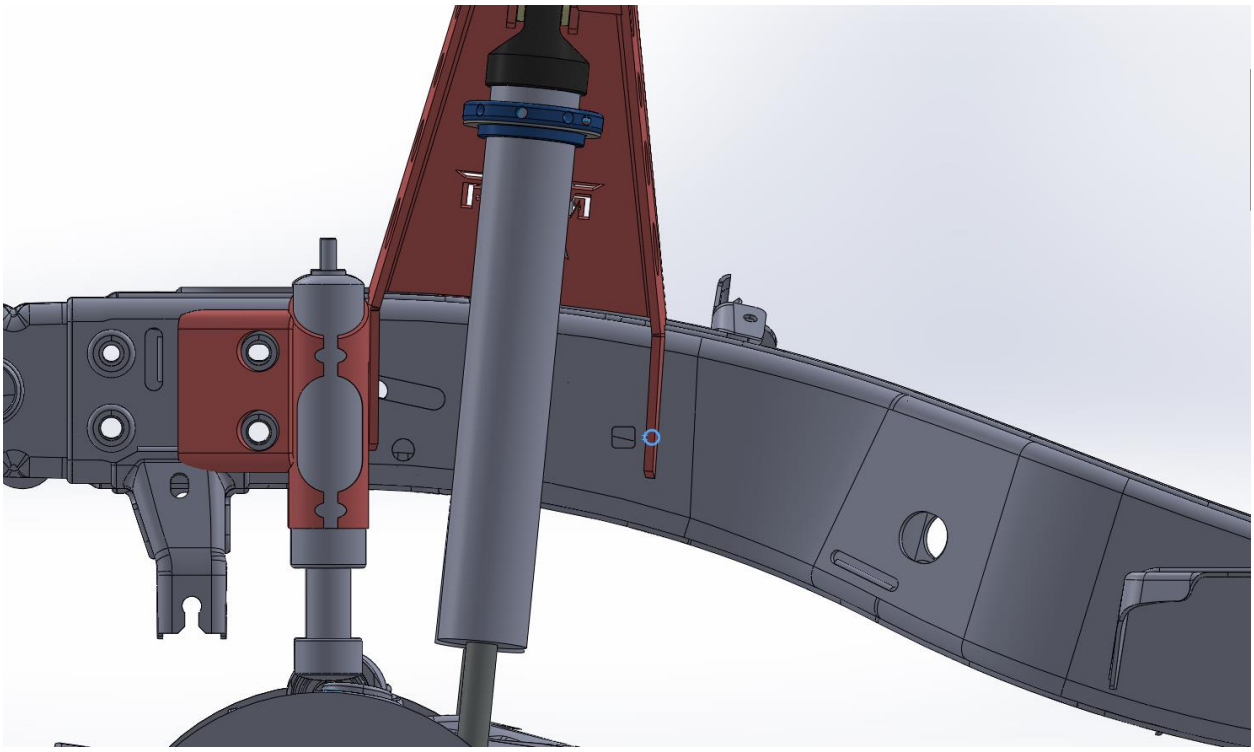
(2) Front Vertical Gussets

(2) Rear Vertical Gussets

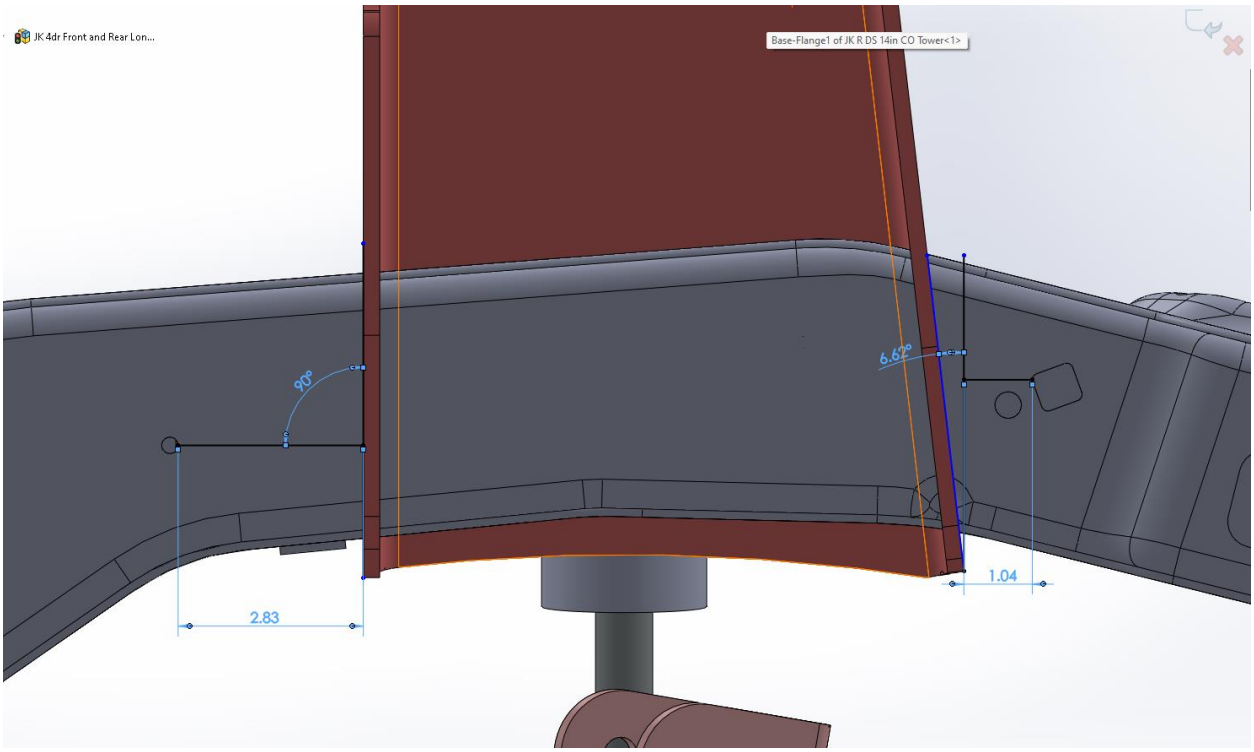
Disclaimer:

Customer assumes full responsibility for use, installation and routine maintenance. RPM Steering is not responsible for damage as a result of improper installation, use or maintenance.

Front:
The rear leg of the front tower crosses over a hole in the frame on both sides. Its roughly 0.42'' back from the square hole located in the factory frame as pictured below. The tower sits on top of the frame. No notching required.



Rear:
Use the rear inner frame gusset piece as a guide where to cut the tower and how far back it sinks into the frame. You will need to cut out the spring bucket. The tower sits vertical with no lean. Overhangs the bottom about 9/16-5/8'' to allow a weld all around the frame. You will need to weld the 1/4'' inner gusset plate (blue color in picture) into place at the top edge of the rear crossmember and weld to the tower before moving on to the bottom piece, then key in the prewelded inner gusset section and weld the underside edge and the connecting keyed strip to the (blue colored) inner gusset in the picture. Finish with welding on the vertical gussets last as shown in the last image.

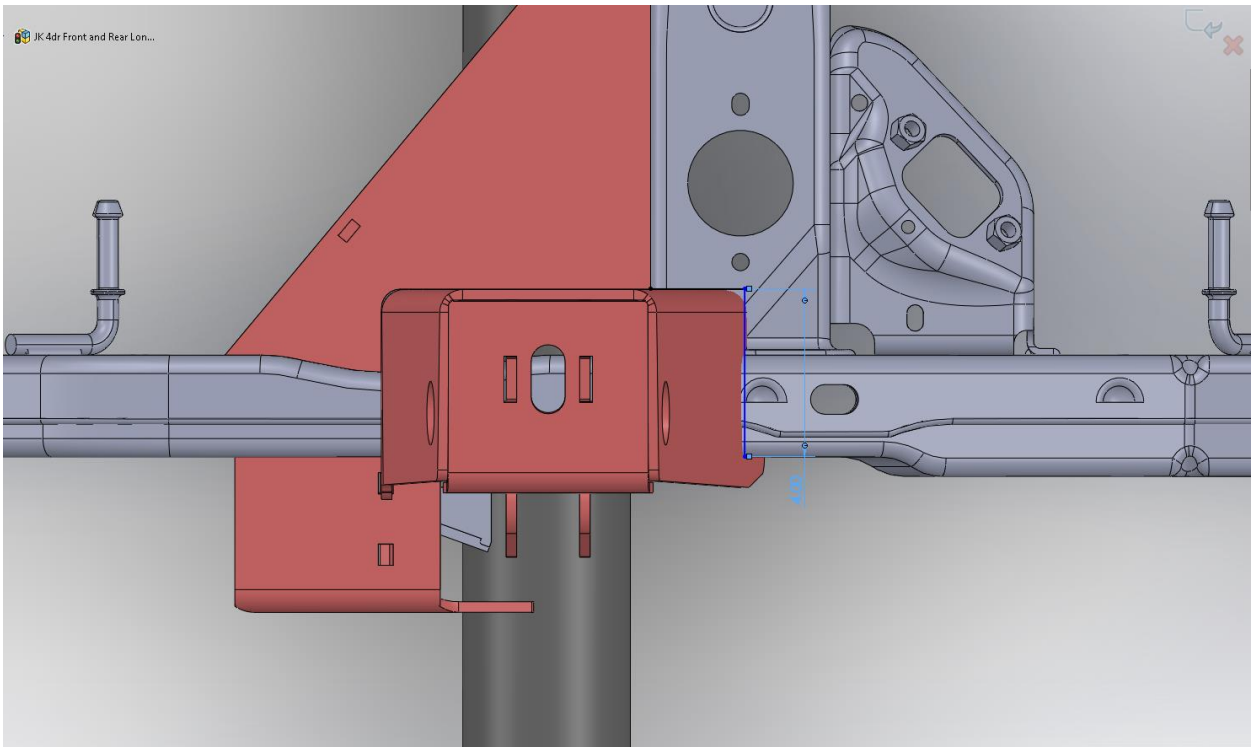


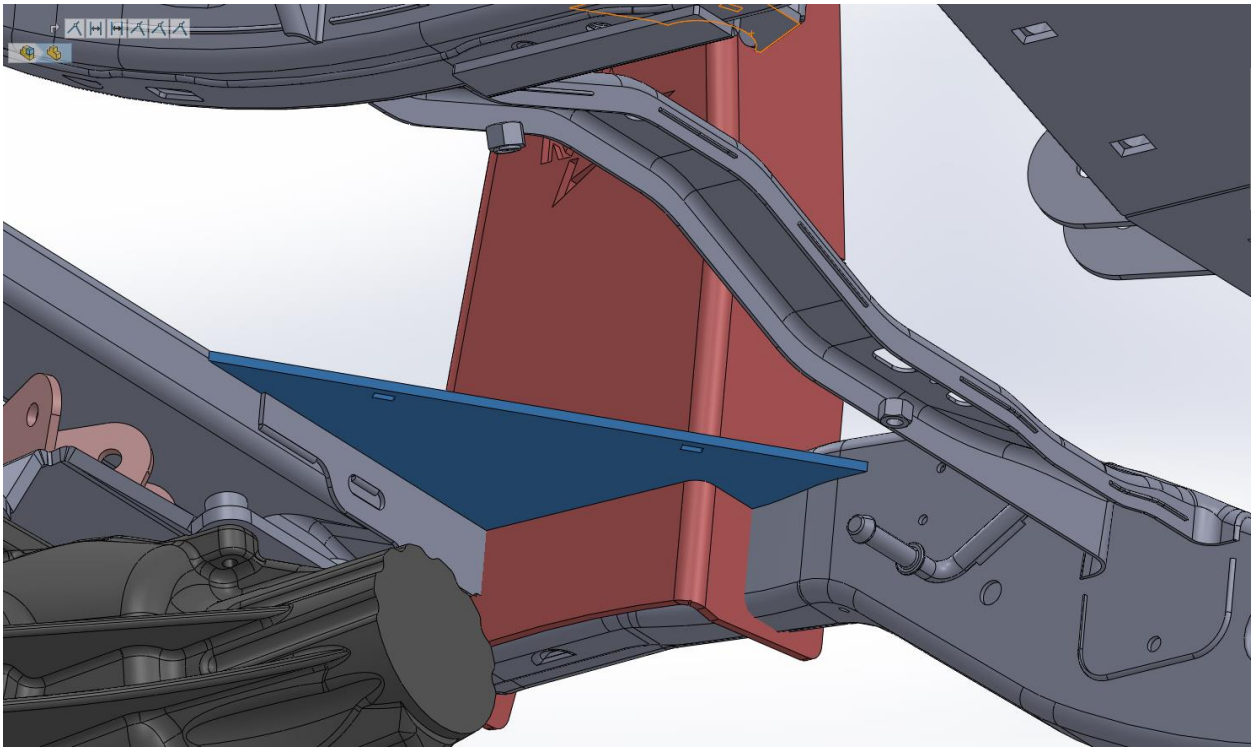
The 90 deg vertical edge is towards the front of the vehicle. Locate the small hole in the frame and measure 2.83’’ back to draw your vertical cut line.

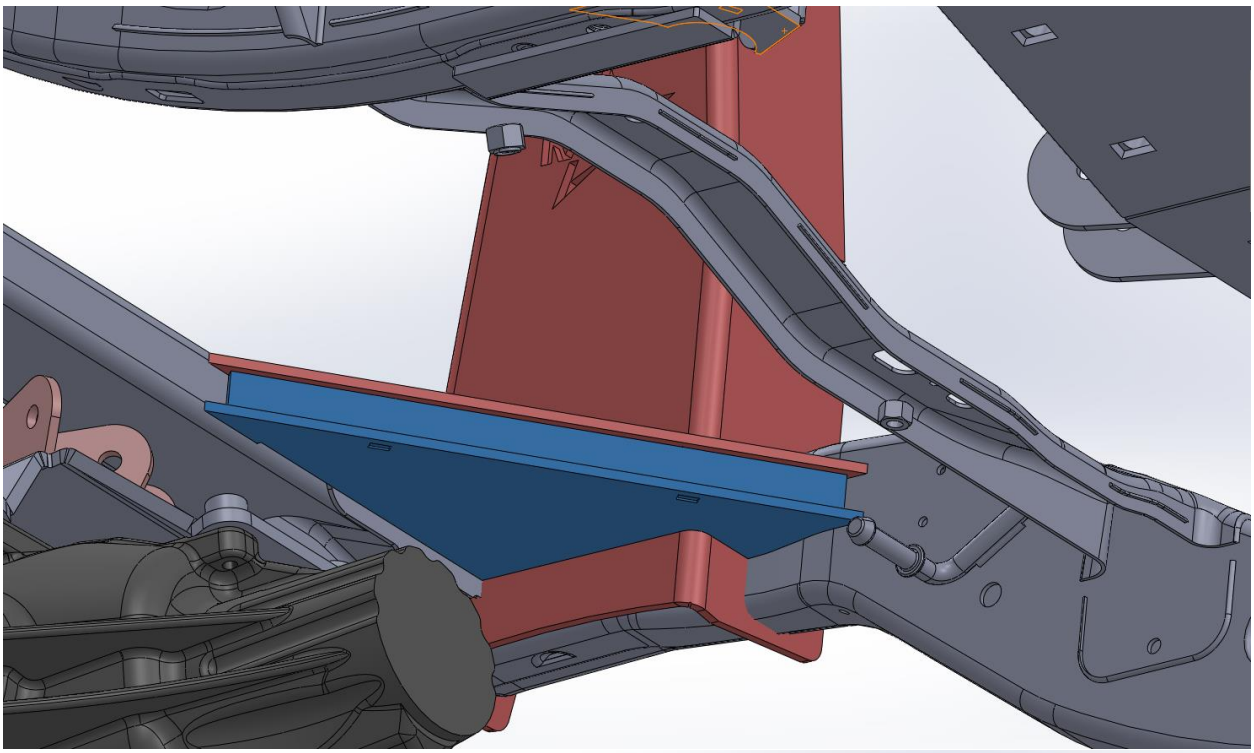
The rearward side of the tower is angled roughly 6.62 deg. Draw a vertical line 1.04’’ from the square hole in the frame as pictured above. Use an angle tool to draw the 6.62 deg of angle off that vertical line.

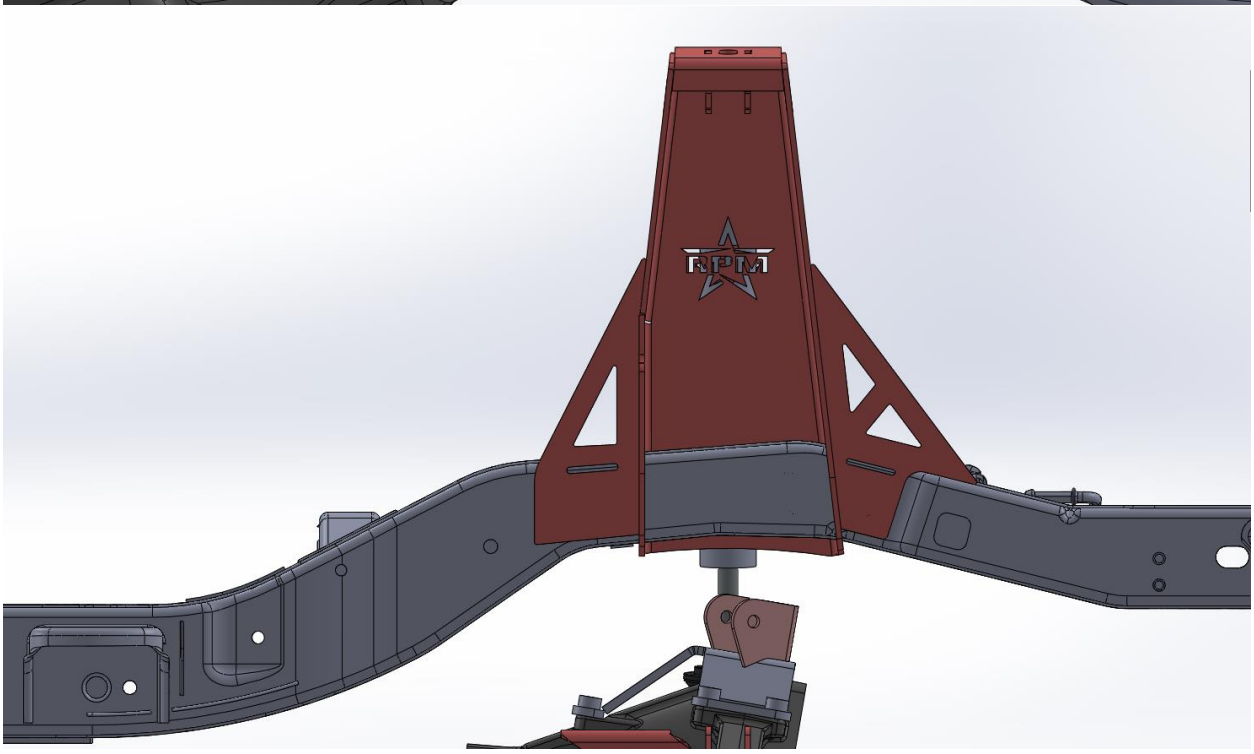
Cut on the insides of the lines first and grind away material as needed to make the tower a snug fit. Do not cut on the line exactly as you may have gaps to fill.

The Triangle gusset in the rear sets the depth of the tower. On the small frame crossmember cut you will cut from the outer frame to the back of the tower 4’’ as seen below.





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