



Factory Five Racing, Inc.

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	<input checked="" type="checkbox"/> Assembly Instructions	<input type="checkbox"/> Operating Procedure	<input type="checkbox"/> Other

RHD Roadster Coyote additional

INSTALLATION INSTRUCTIONS



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Parts needed

FFR Coyote install kit
RHD steering rack
Complete Roadster kit

Tools Needed

$\frac{7}{16}$ " socket, ratchet, $\frac{5}{32}$ " hex key, hack saw or grinder

-  The straight pipes included will need cutting/welding to align with the side exhaust.
-  Do all coyote **engine** preparation as described in the Roadster Coyote install instructions before following these instructions.
-  Do not cut the Coyote accelerator pedal as described in the

Engine preparation



Attach the included engine mount spacer to the right side of the engine.

👉 There should now be a spacer on each side of the engine.

Accelerator Pedal preparation

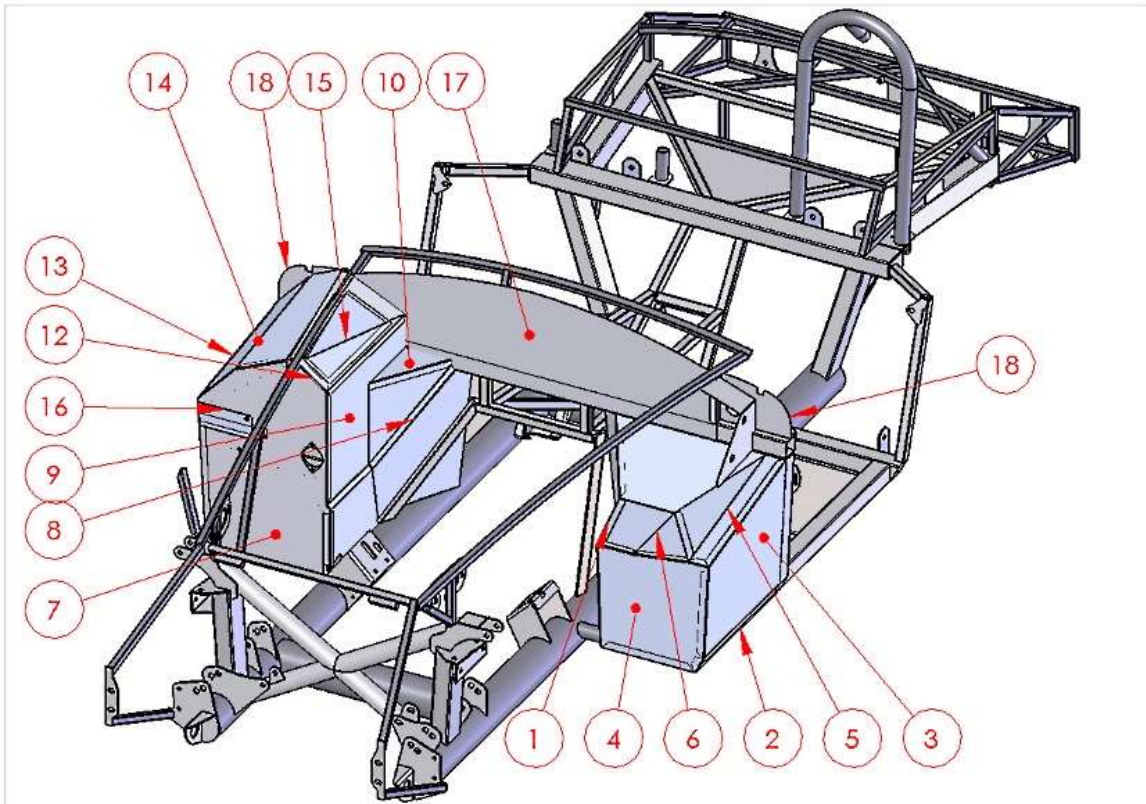


Mark the accelerator pedal as shown.

Cut or grind the pedal where marked.

Assembly

ALUMINUM



ITEM NO.	PART NUMBER	DESCRIPTION	Right Hand Drive/QTY.
1	16055	LEFT FOOTBOX, INSIDE - RHD	1
2	16056	RIGHT HAND DRIVE RIGHT FOOTBOX FLOOR	1
3	16057	LEFT FOOTBOX, OUTSIDE - RHD	1
4	16059	LEFT FOOTBOX, FRONT - RHD	1
5	16064	LEFT FOOTBOX, TOP REAR - RHD	1
6	16065	LEFT FOOTBOX, TOP FRONT - RHD	1
7	16046	RIGHT FOOTBOX, FRONT - RHD	1
8	16047	RIGHT HAND DRIVE RIGHT FOOTBOX INSIDE WALL	1
9	16066	RIGHT FOOTBOX, INSIDE MIDDLE - RHD	1
10	16049	RIGHT FOOTBOX, INSIDE REAR - RHD	1
11	16048	RIGHT FOOTBOX, FLOOR - RHD	1
12	16050	RIGHT FOOTBOX, INSIDE TOP - RHD	1
13	16051	RIGHT FOOTBOX, OUTSIDE - RHD	1
14	16052	RIGHT FOOTBOX, OUTSIDE TOP - RHD	1
15	16054	RIGHT FOOTBOX, INSIDE TOP COVER - RHD	1
16	16060	RIGHT FOOTBOX, FRONT BLOCK-OFF- RHD	1
17	16053	RHD FIREWALL	1
18	10963	ALUM PANEL, FIREWALL EXTENSION, PASS SIDE	2

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ROADSTER	DIMENSIONS ARE IN INCHES TOLERANCES TWO PLACE DECIMAL ±0.01 THREE PLACE DECIMAL ±0.005 FOUR PLACE DECIMAL ±0.001	NAME	DATE
	MATERIAL	JI	2010
USED ON	FINISH	CHECKED	
APPLICATION	PRINTED	ENG APPR.	
RHD ALUMINUM	7/15/2015	MFG APPR.	
		Q.A.	
		COMMENTS:	



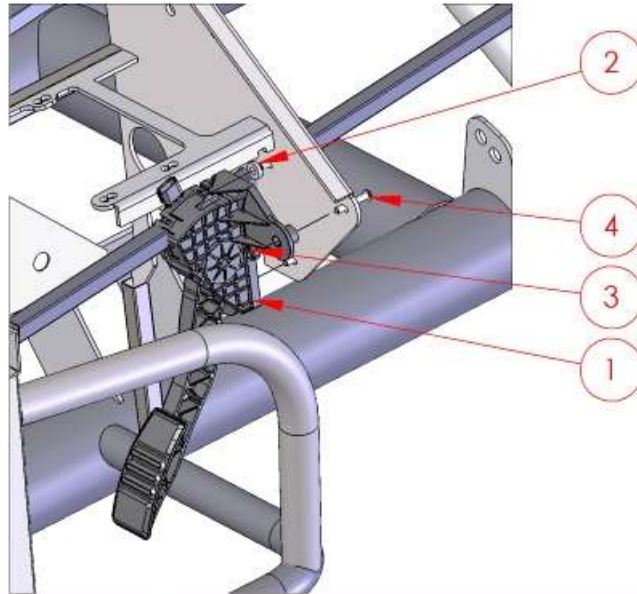
Factory Five Racing, Inc.

ROADSTER KIT
RHD ALUMINUM

SIZE DWG. NO. REV.
A 10500 kit **mk4**
 SCALE: 1:10 Weight: Sheet 2 of 5

Attach the aluminum to the frame in a similar order as described in the assembly manual leaving the right footbox tops off for easy access for now.

ACCELERATOR PEDAL



ITEM NO.	PART NUMBER	DESCRIPTION	Right Hand Drive/QTY.
1	2014 Mustang GT Accelerator Pedal		1
2	16044	RHD ACCELERATOR PEDAL SPACER	1
3	10802	NYLON INSERT LOCKNUT	3
4	SBHCSCREW 0.25-20x1.5-HX-N		3

Attach the accelerator pedal to the frame using the spacer behind the pedal in the top left hole.



The pedal should go into the cut area of the pedal support.

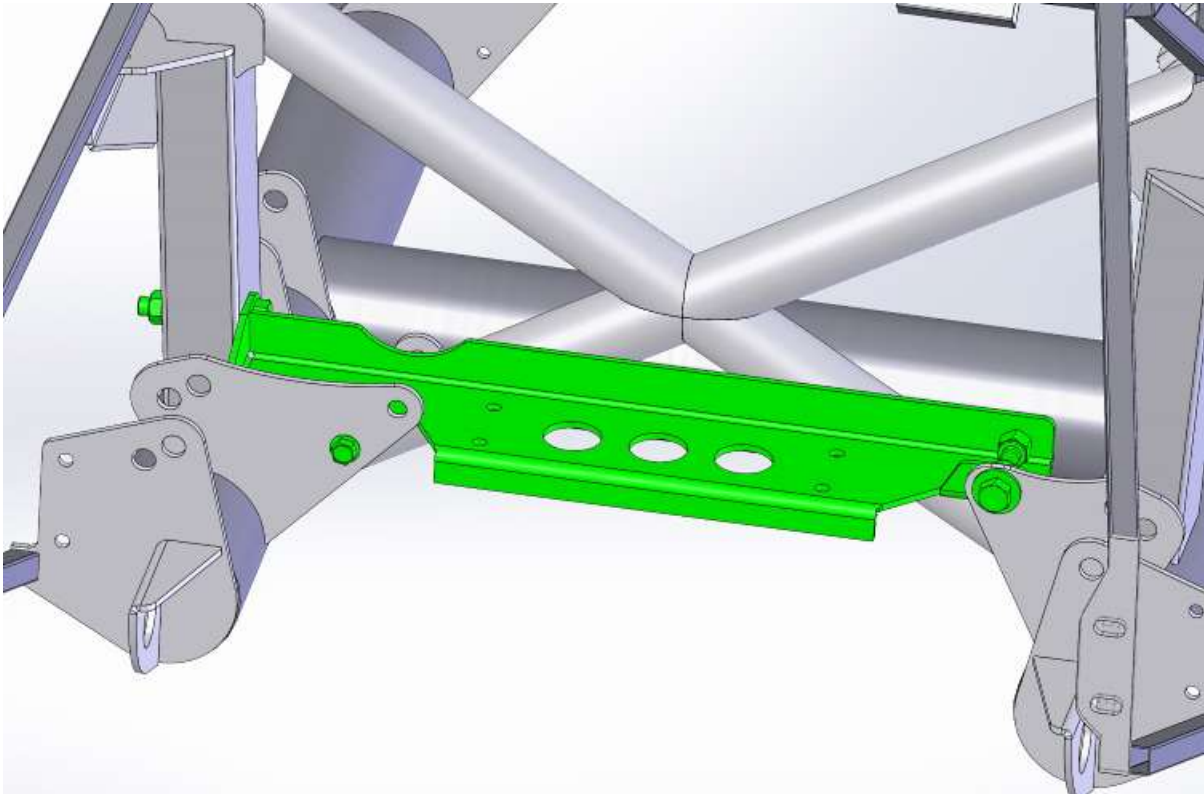
- ☞ Check the throw of the pedal, fully pressed it may just contact the side footbox tube. The pedal holes are slotted to allow the pedal to move over or the pedal can be spaced out with washers.

PEDALBOX

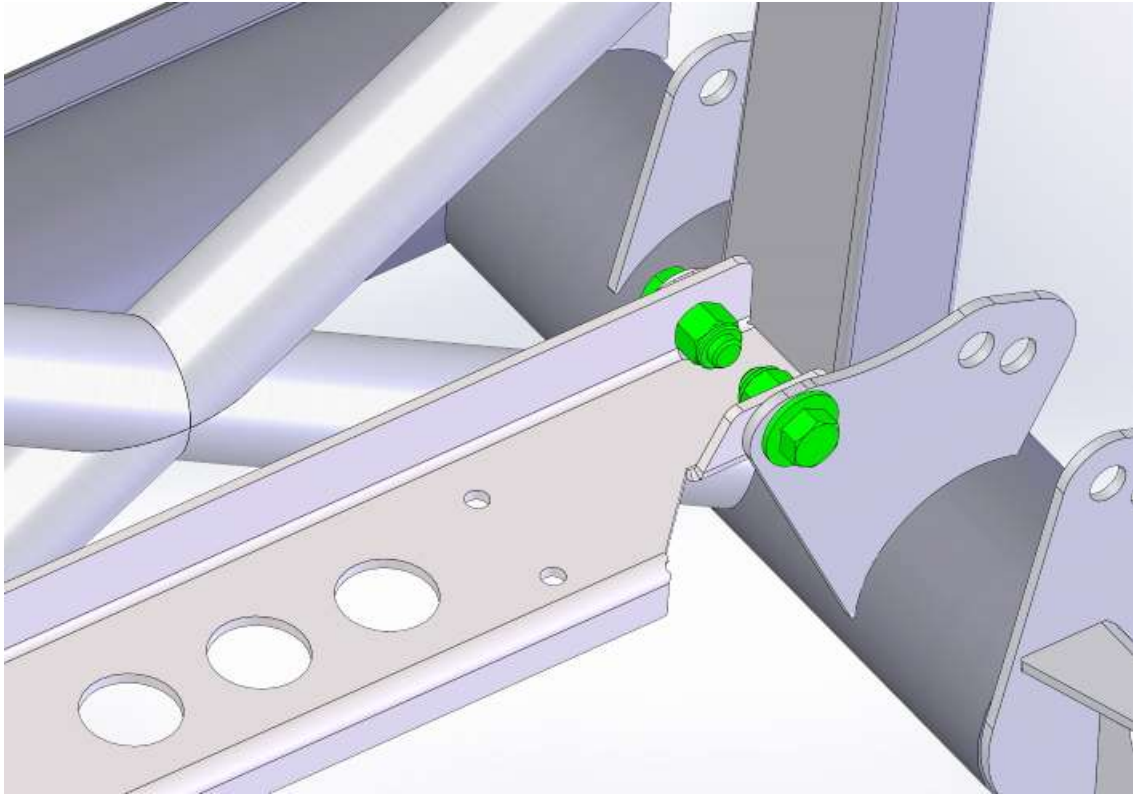
Install the Wilwood pedalbox in the rear set of holes on the pedalbox mount bracket.

STEERING RACK

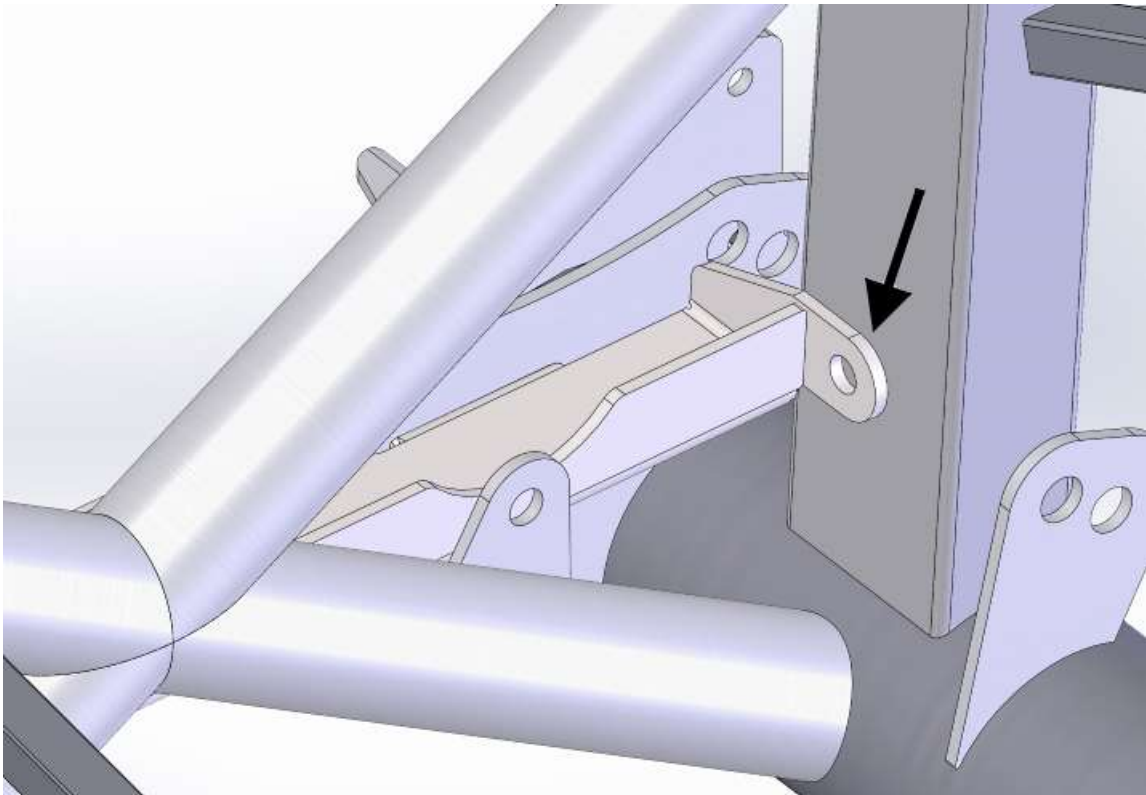
- ✂ $\frac{9}{16}$ " , $\frac{3}{4}$ " sockets, $\frac{9}{16}$ " , $\frac{3}{4}$ " wrenches, ratchet, $\frac{3}{8}$ " , $\frac{1}{2}$ " drill bit, drill, metal saw, level, $\frac{5}{16}$ " hex key.



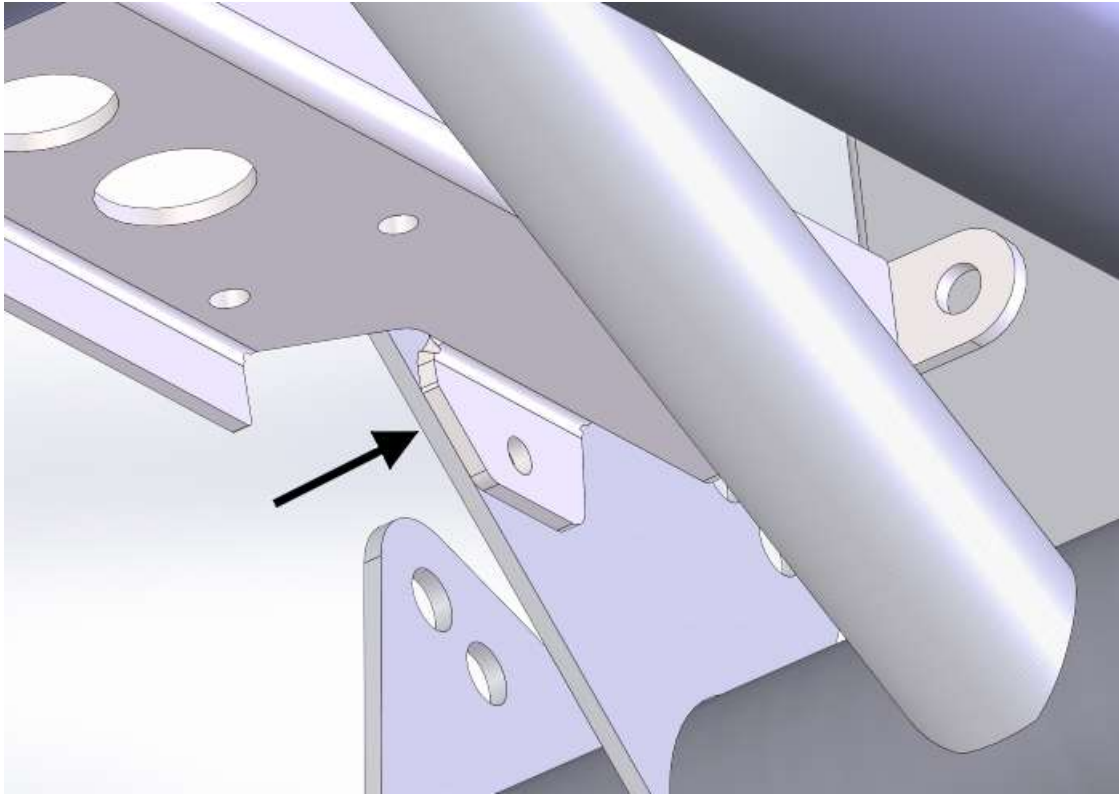
Insert the bracket between the X and the control arm mount as shown.



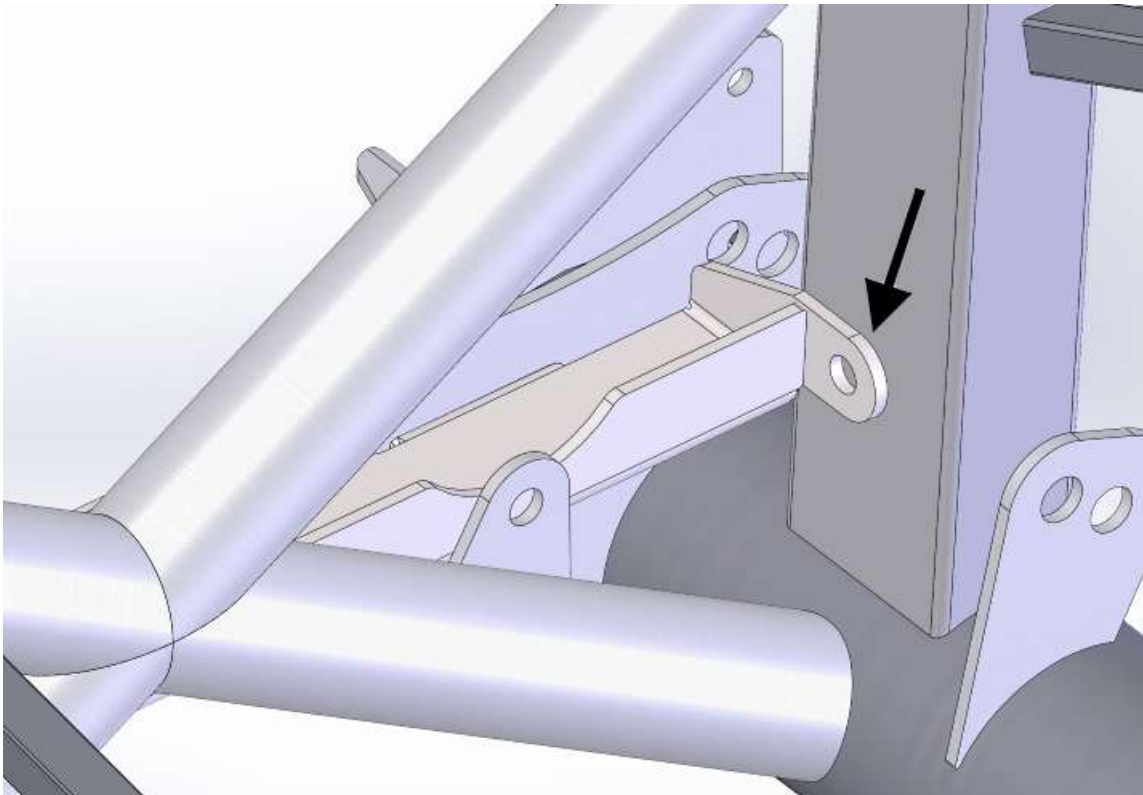
Insert the two ½" x 1.25" bolts on the left side of the steering rack mount into the two slots on the frame. Do not tighten the bolts yet.



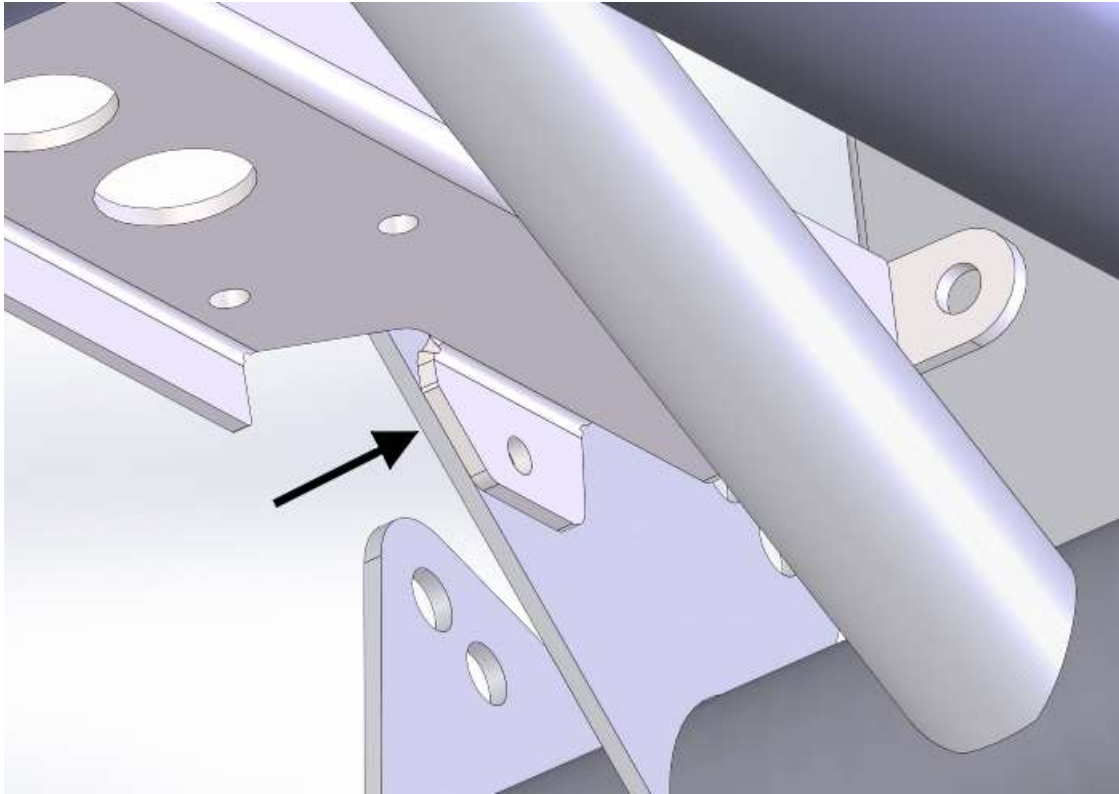
On the right side move the mount over so that the bracket will touch the 2"x 3" tube.



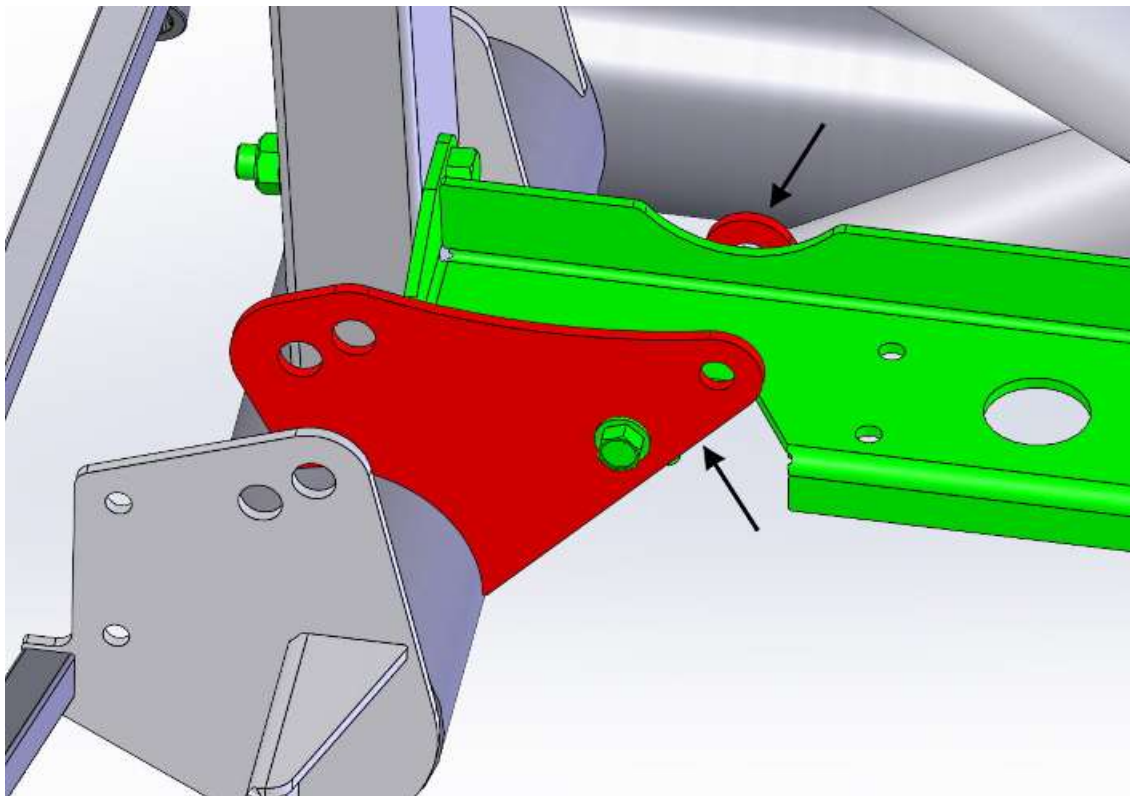
Adjust the bracket so that it is level using either a level or check the right front mount should be flush with the edge of the bracket.



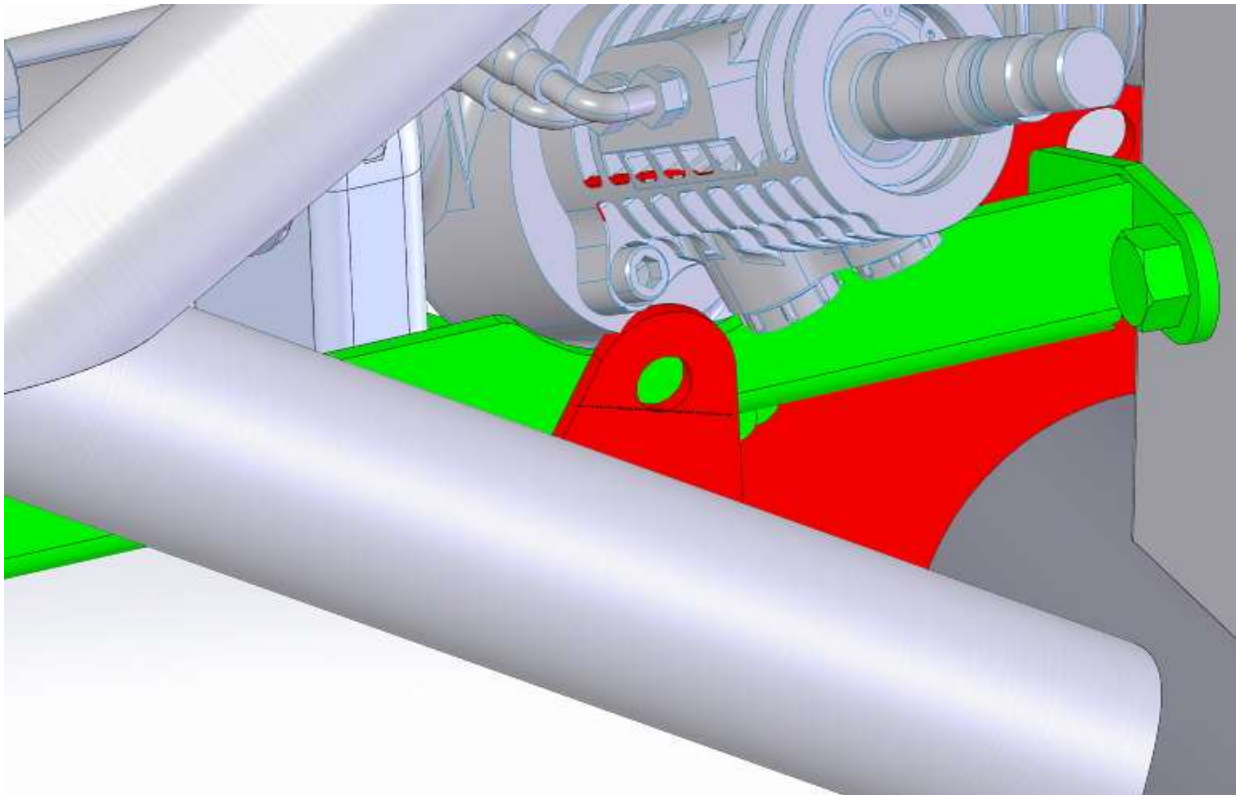
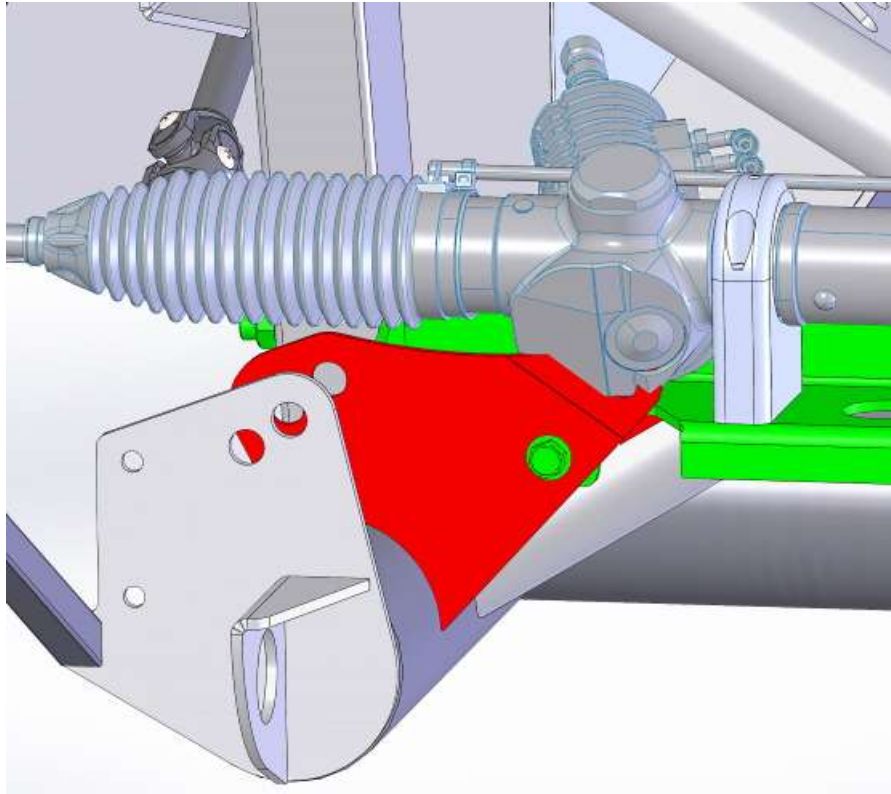
Mark the mounting hole on the 2"x 3" tube.



Mark the $\frac{3}{8}$ " hole on the frame mount.



The two right side steering rack mounts will have to be trimmed so that the rack does not hit them.



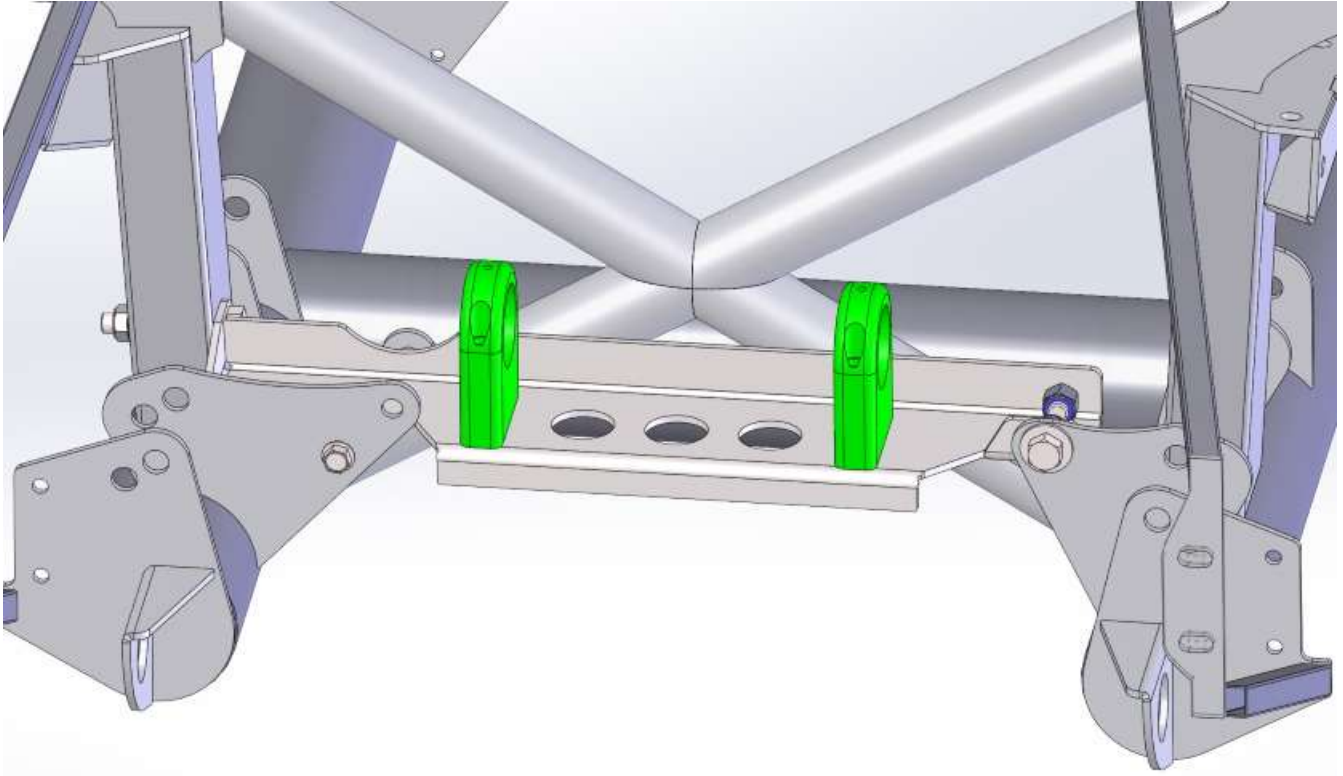
Use a marker to mark the mounts.

Remove and trim the frame mounts.

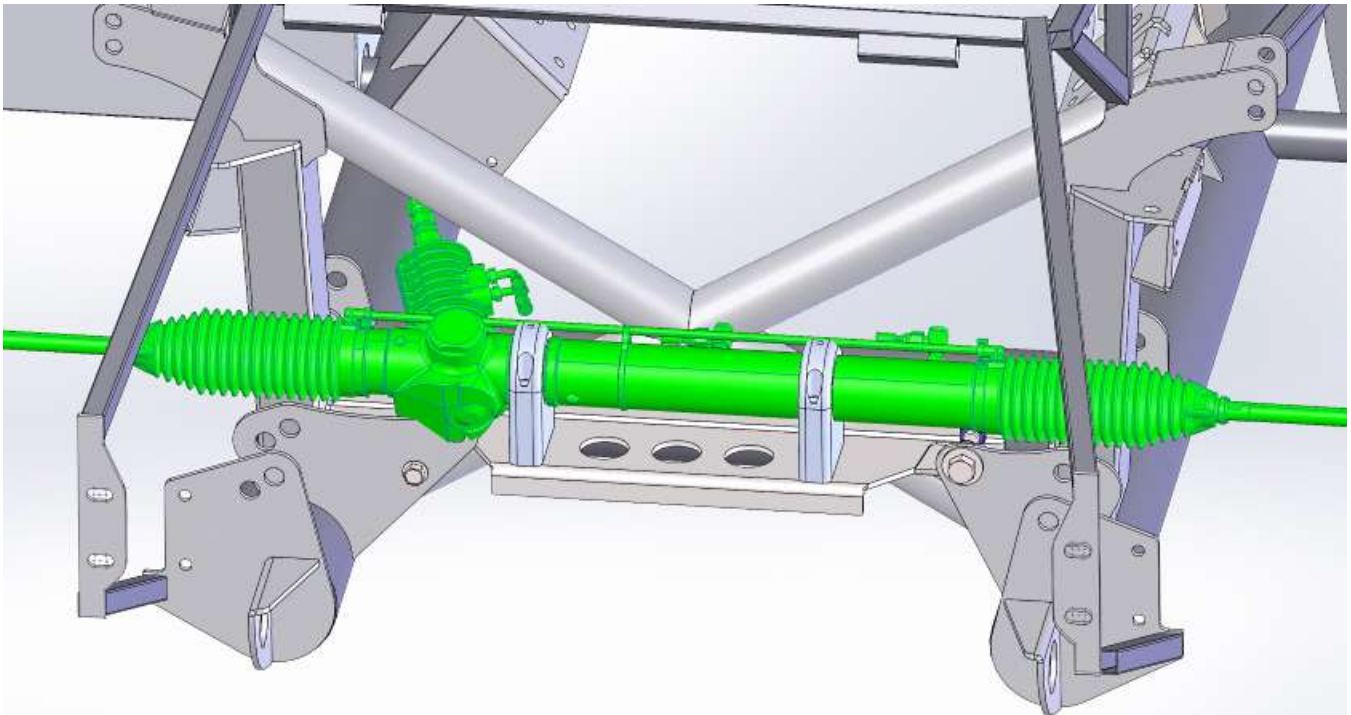
Use a $\frac{1}{2}$ " drill bit to drill the 2"x 3" tube all the way through.

Use a $\frac{3}{8}$ " drill bit to drill through the right front frame tab.

Reattach the rack mount using the fasteners provided.



Attach the rack mounts to the frame using the $\frac{3}{8}$ " x 1" socket head screws. Do not tighten until the rack is installed.



Insert the rack into the mounts.

Rotate the input shaft of the steering rack all the way one way then count the turns to rotate the input shaft to the other stop. Divide this number in half and rotate the input shaft back this number of turns. This should center the steering rack in the housing.

Locate the rack so that the inner tie rod balljoint on each side is directly above the lower control arm bolt.

Tighten the clamps on rack mounts so that the rack will not move.

Tighten the rack mounts on the frame mount.