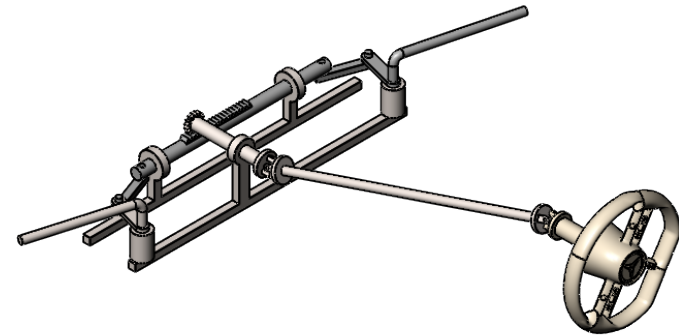
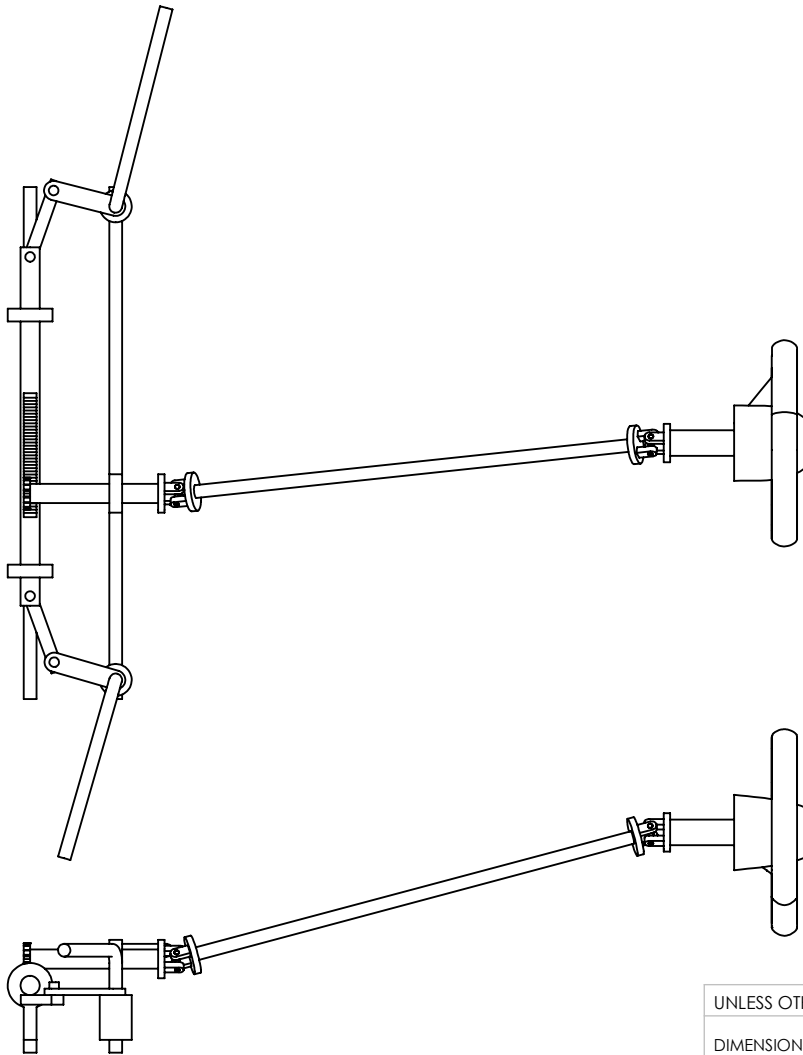


B

B


A

A

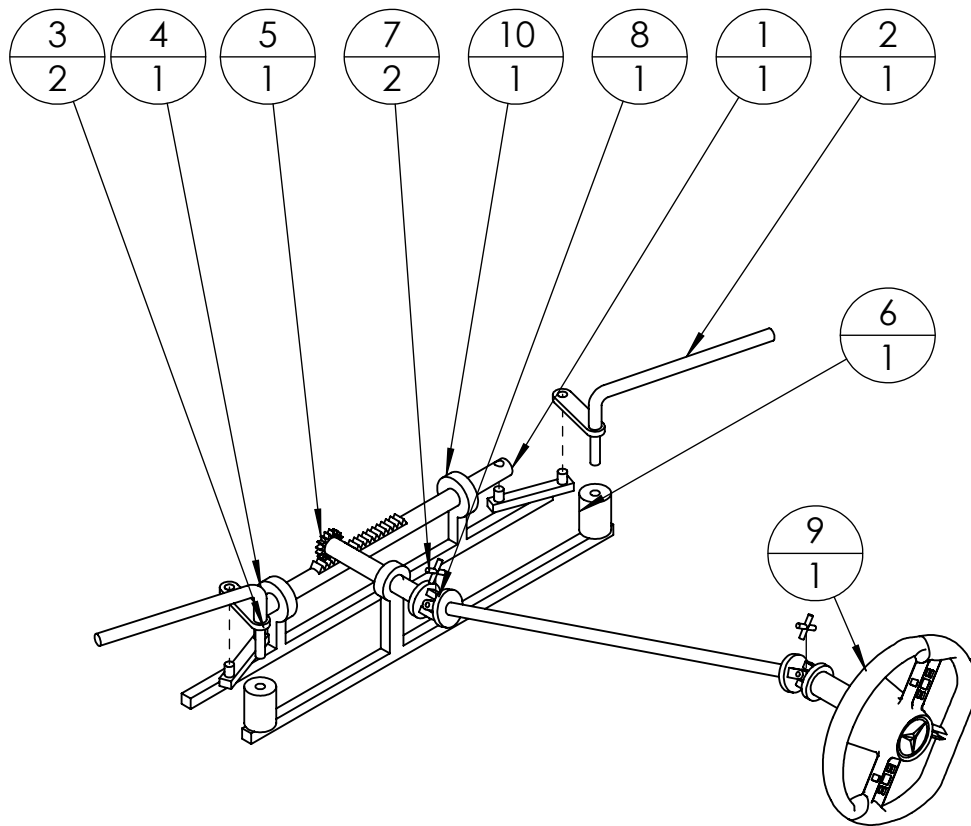


SCALE 1:20

FRAME PART CONSTRAINTS ARE SHOWN
IN CHASSIS SUBASSEMBLY

UNLESS OTHERWISE SPECIFIED:		NAME		DATE		<div>PARENTS STRONGLY CAUTIONED</div> <div>PG-13</div> <div>INDUSTRIES AT NYU TANDON</div> <div></div>	
DIMENSIONS ARE IN INCHES		DRAWN	PD	04/26/2022		<div>TITLE:</div> <div>STEERING ASSEMBLY</div>	
EXCEPT WHERE STATED OTHERWISE TOLERANCES ON DIMENSIONS: ±0.010		CHECKED	GMP	04/26/2022			
ANGULAR TOLERANCE: 0.1 °		ENG APPR.	GMP	04/26/2022			
		MFG APPR.	PD	04/26/2022			
		Q.A.	PD	04/26/2022			
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5		COMMENTS:				<div>SIZE</div> <div>A</div> <div>DWG. NO.</div> <div>STEER_SUB</div> <div>REV</div> <div>1</div>	
MATERIAL		PROPRIETARY AND CONFIDENTIAL					
SEE PARTS		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF PG13 INDUSTRIES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF PG13 INDUSTRIES IS PROHIBITED.					
FINISH							
DO NOT SCALE DRAWING						SCALE: 1:15	
						SHEET 1 OF 2	

B



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	PN 1231	Rack	1
2	PN 1232	Stub Axis R	1
3	PN 1233	Tie Rod	2
4	PN 1232	Stub Axis L	1
5	PN 1234	Steering Pinion	1
6	PN 1235	Steering Frame Axle Holder	1
7	PN 1223	Spider	2
8	PN 1236	Steering Shaft	1
9	PN 1238	Steering Wheel	1
10	PN 1237	Steering Frame Rackholder	1

B

Notes:
Steering Pinion not designed to be disassembled from steering from axle holder.

Tie rods can be connected to rack and stub axes either permanently through welding a plate on top of the axis or temporarily via a fastener.

Ensure steering pinion gear begins in centre of rack with neutral steering when wheel is unturned.

UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DIMENSIONS ARE IN INCHES	DRAWN	PD 04/26/2022
EXCEPT WHERE STATED OTHERWISE TOLERANCES ON DIMENSIONS: ± 0.010	CHECKED	GMP 04/26/2022
ANGULAR TOLERANCE: 0.1°	ENG APPR.	GMP 04/26/2022
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5	MFG APPR.	PD 04/26/2022
MATERIAL SEE PARTS	Q.A.	PD 04/26/2022
FINISH	COMMENTS:	
DO NOT SCALE DRAWING	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF PG13 INDUSTRIES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF PG13 INDUSTRIES IS PROHIBITED.	



TITLE: STEERING ASSEMBLY		
SIZE A	DWG. NO. STEER_SUB	REV 1
SCALE: 1:50		SHEET 2 OF 2

A