

D	8		7		6		5	
	ITEM NO.	QTY.	PART NUMBER		DESCRIPTION		Material	
	1	1	NS_01_80_500_1 Slide Extrusion 500mm		Slide Extrusion		NS 01 80 500 IGUS Aluminum Extrusion	
	2	2	NW-02-80-2 Slide 80mm		-		-	
	3	4	1718 GLYPH BLACK					
	4	1	39085_txm-gear120-tooth		-		-	
	5	1	6847K12					
	6	2	Motor am-3103NeveRest60		-		-	
	7	3	6261K281					
C	8	2	tetrix_739165 Sprocket 16T		-		-	
	9	1	TETRIX 739079 Collar 6mm Bore					
	10	5	tetrix_739097 Screw SHC 6-32 0.50Lg					
	11	1	8699-16-340 MOD tetrix_739091 bushing		MOD 3/16 bushing		Bushing Tetrix 73909 Bronze	
	12	1	tetrix_739089 Motor Mount		-		-	
	13	1	Flange Bushing WFM-0608-08 igus		-		-	
	14	1	8699-17-301 V-Driven Plate		V Driven Plate		.125 Thick Al	
	15	1	8699-17-303 Rot-Axis Shaft Mount		-		-	
	16	1	8699-17-302 Rot-Axis Shaft		-		-	
B	17	1	2304-0006-0020_Gear Blank		-		-	
	18	1	2806-0004-0004_91390A117_1		-		-	
	19	1	8699-17-304 Chain Attach		Chain Attach		Al Angle .125 wall	
	20	1	8699-17-306 Flip Motor Mount		Flip Motor Mount		-	
	21	4	8699-17-305 Currio Standoff					
	22	1	8699-17-308 V.Lift Motor Mount		V.Lift Motor Mount		.125 thick Al	
	23	4	8699-17-309 Currio Standoff V.Lift		Currio Standoff		Al Currio Stock	
	24	1	8699-17-310 V.Lift Motor End Bracket		V.Lift Motor End Bracket		.125 Thick Al	
	25	1	8699-17-311 V.Lift Sprocket Bracket		V.Lift Sprocket Bracket		.125 thick Al	
A	26	1	8699-17-312 V.Lift Sprocket Shaft Block		V.Lift Sprocket Shaft Block		aluminum	
	27	1	8699-17-313 V.Lift Sprocket Shaft		V.Lift Sprocket Shaft		O2 Steel Rod	
	28	1	92916A345 Washer .20id x .43 od x .032 HH Brass		Washer .20 id x 0.43od x .032 HH Brass		Brass	
	29	4	Copy of tetrix_739068^8699-17-204 CharlesFrame					
	30	2	Copy of tetrix_739055^8699-17-204 CharlesFrame					
	31	4	Copy of tetrix_731132_hub^Copy of tetrix_731132_8699-17-204 CharlesFrame					
	32	20	Copy of tetrix_731132_roller^Copy of tetrix_731132_roller_asm_Copy of tetrix_731132_8699-17-204 CharlesFrame					
	33	20	Copy of tetrix_731132_roller_axle^Copy of tetrix_731132_roller_asm_Copy of tetrix_731132_8699-17-204 CharlesFrame					
	34	4	Copy of tetrix_739088^8699-17-204 CharlesFrame					
35	2	Copy of tetrix_739092_collar^8699-17-204 CharlesFrame						
36	6	Copy of tetrix_739091^8699-17-204 CharlesFrame						
37	2	Copy (2) of tetrix_739091^8699-17-204 CharlesFrame						
38	1	Copy of paddle bottom^Copy of paddle bottom assem_full2vir		Paddle Cut				
39	2	Copy of hinge^Copy of paddle bottom assem_full2vir		6		5		
40	1	Copy of paddle top^Copy of paddle top assem_full2vir						

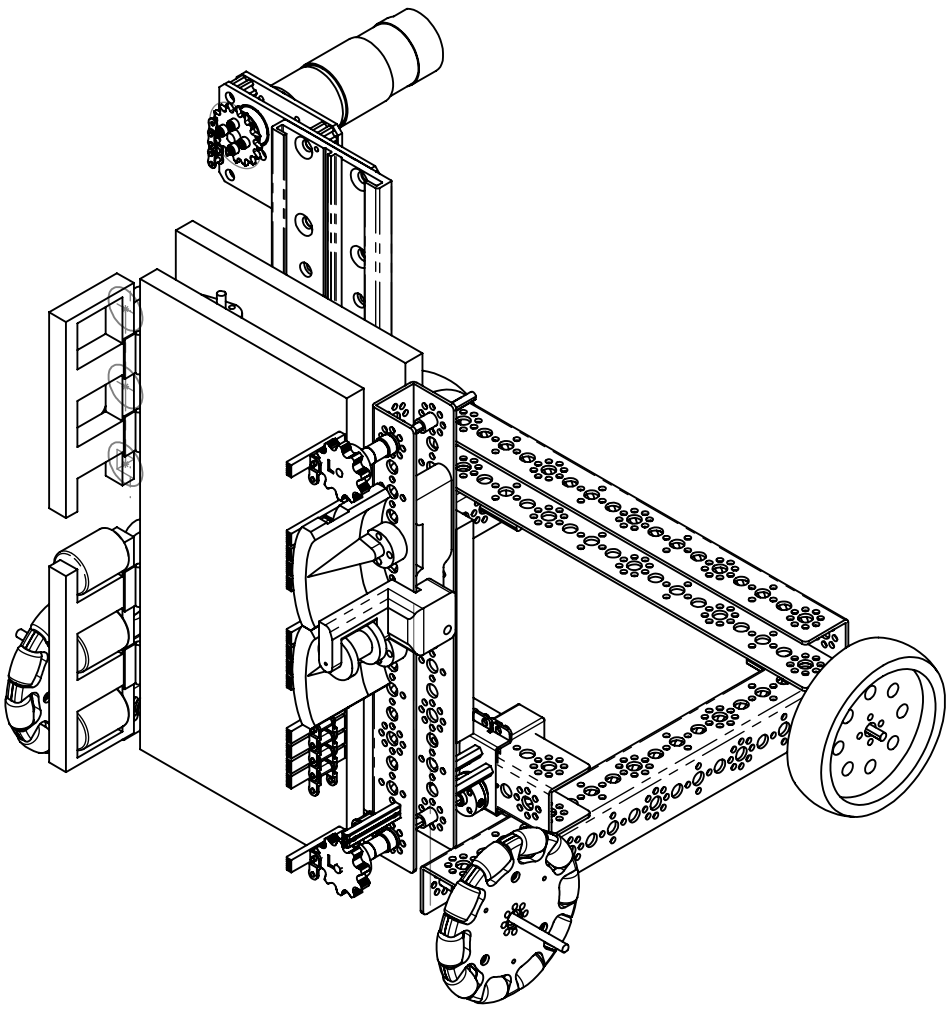
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REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED



UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES APPLY AFTER  
FINISHING. TOLERANCES ARE:  
FRACTIONS    DECIMALS    ANGLES  
+/- .015    .XX +/--.01    +/- 0.5  
             .XXX +/--.005

MATERIAL  
See Note 1

FINISH  
See Note 2

CAD FILE: 8699-17-01 Charles 171214

SCALE: 1:8

SIZE B    DESIGN -    DATE 12.14.2017    SHEET 1 of 1

FTC Team 8699  
League of Extraordinary Roboticians

Charles 171215

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DWG. NO. 8699-17-010    REV. A

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