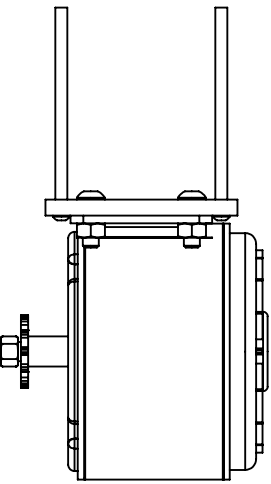
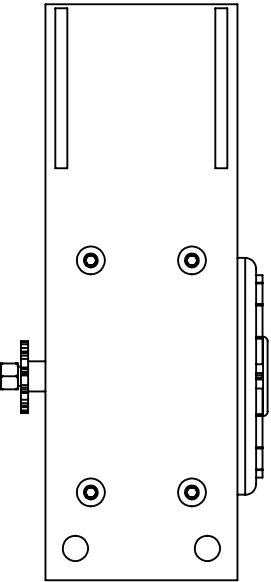
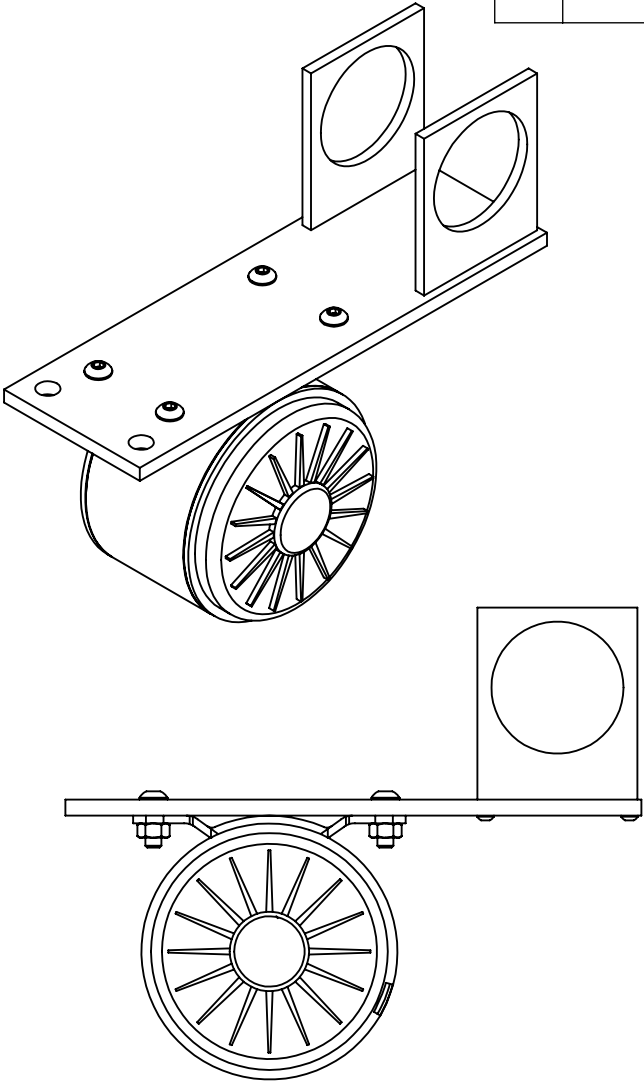


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	INITIAL RELEASE	11/27/2024	XXX
2	ADDED DRAWING NUMBER	12/12/2024	
3	UPDATED DRAWING FOR SPRING 2025 REVISIONS	2/11/2025	



DEFAULT TOLERANCES: ANGLE ± 0.5° .X ± .1 .XX ± .03 .XXX ± .005	COURSE/PROJECT: ME190 / SOLAR E-BIKE			TEAM #: 20	
	TITLE: MOTOR ASSEMBLY - ISO DRAWN BY: JASON LOUCKS				
	PART/DWG #: S1			REV: 1	
	MATERIAL: N/A		SCALE: 1:3	SIZE: A	SHEET: 1 OF 2
FINISH: N/A					

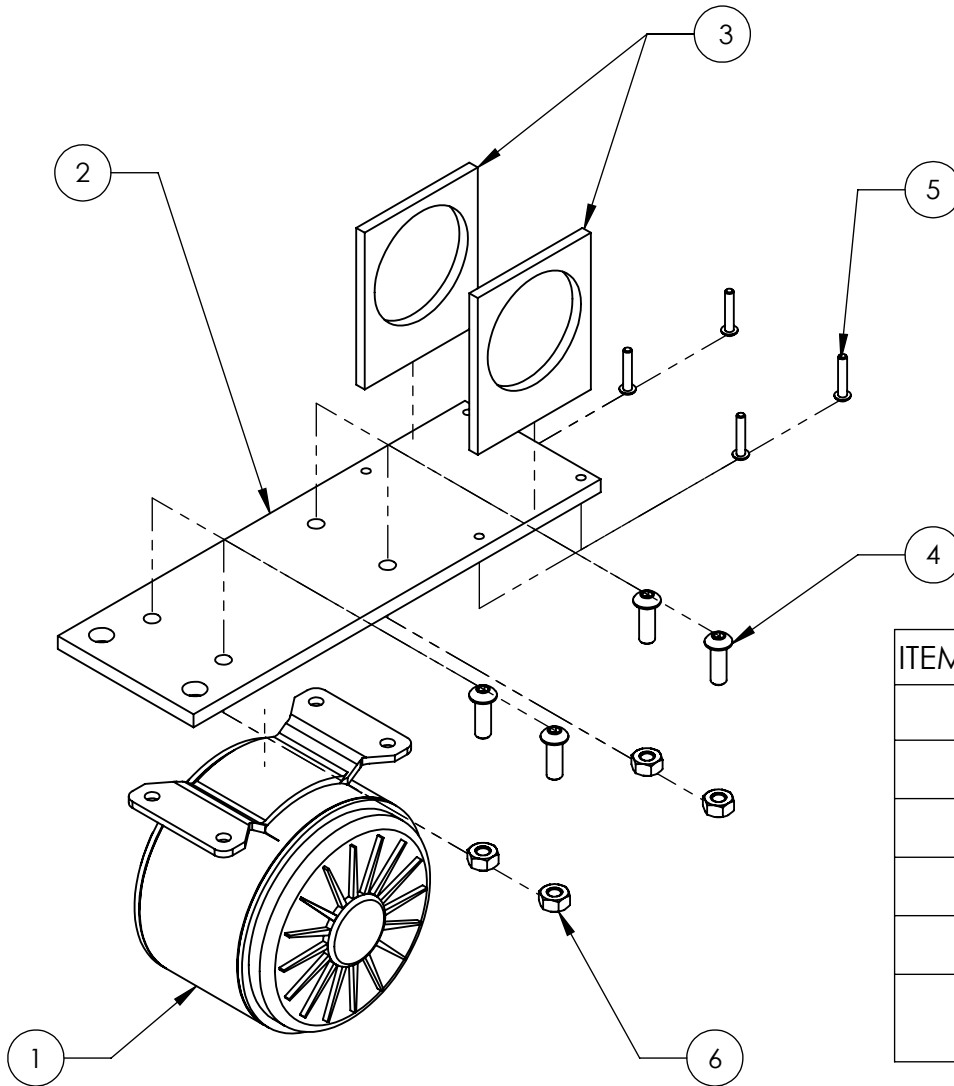
UNLESS OTHERWISE SPECIFIED DIMS ARE IN INCHES		
	DATE	INITIALS
APPROVED BY:		
INSPECTED BY:		

NOTES:

- UPPER FOUR SCREWS ARE ITEM #5. LOWER FOUR SCREWS ARE ITEM #4.
ALL NUTS ARE ITEM #6.

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
1	INITIAL RELEASE	11/27/2024	XXX
2	ADDED DRAWING NUMBER	12/12/2024	
3	UPDATED DRAWING FOR SPRING 2025 REVISIONS	2/11/2025	



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	W15165070030	MOTOR	1
2	1248	MOUNTING PLATE (6061-T6 ALUMINUM)	1
3	1247	BOTTOM BRACKET RING (6061-T6 ALUMINUM)	2
4	98164A213	316 STAINLESS STEEL BUTTON HEAD HEX DRIVE SCREW - 1/4"-20 x 3/4"	4
5	98164A115	316 STAINLESS STEEL BUTTON HEAD HEX DRIVE SCREW - #6-32 x 3/4"	4
6	95462A029	MEDIUM-STRENGTH STEEL HEX NUT - 1/4"-20	4

DEFAULT TOLERANCES:
 ANGLE $\pm 0.5^\circ$
 .X $\pm .1$
 .XX $\pm .03$
 .XXX $\pm .005$

COURSE/PROJECT: ME190 / SOLAR E-BIKE
 TEAM #: 20

TITLE: **MOTOR ASSEMBLY - EXPLODED**
 DRAWN BY: JASON LOUCKS

UNLESS OTHERWISE SPECIFIED DIMS ARE IN INCHES		
	DATE	INITIALS
APPROVED BY:		
INSPECTED BY:		



PART/DWG #: S2	REV: 1
MATERIAL: N/A	SCALE: 1:3
FINISH: N/A	SIZE: A
	SHEET: 2 OF 2