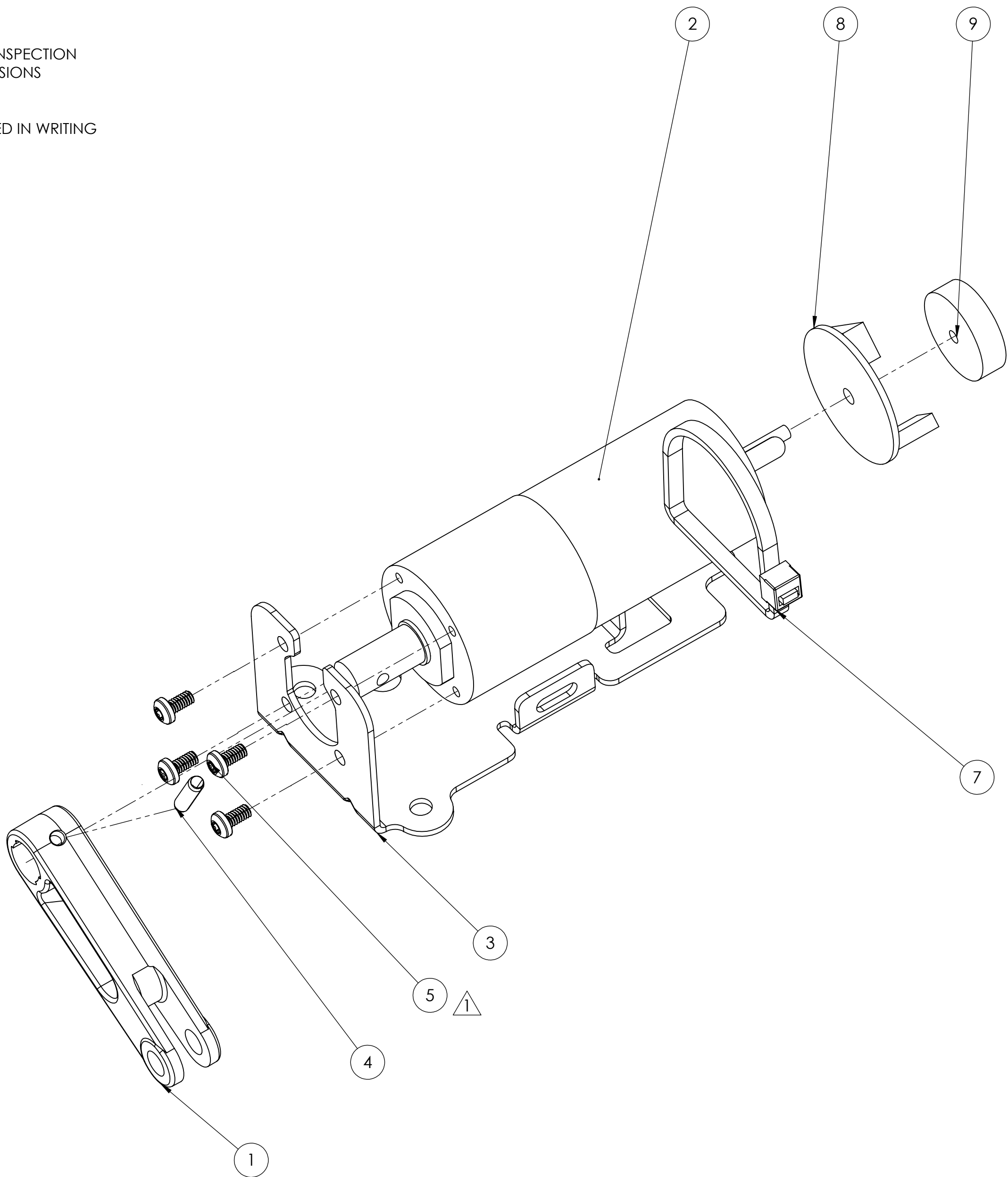


REVISION TABLE				
ECO	REVISION	DESCRIPTION	DATE	APPROVED
	B	INITIAL RELEASE	28MAR18	J UMHOEFER


1. REFER TO BOM FOR COMPLETE AND CURRENT LIST OF MATERIALS. VENDOR NAME AND VENDOR PN ARE FOR REFERENCE ONLY.
2. COMPONENTS SHOWN WITHOUT ITEM NUMBERS ARE FOR REFERENCE ONLY AND REPORT TO UPPER LEVEL ASSEMBLIES.
3. SOME HARDWARE NOT SHOWN FOR CLARITY.
4. COMPONENTS MUST BE RoHS COMPLIANT AND TRACEABILITY OF SUCH MUST BE MADE AVAILABLE UPON REQUEST.
5. FOLLOW MANUFACTURER'S ASSEMBLY INSTRUCTIONS AND ESD HANDLING PRACTICES.
6. THREADED FASTENERS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS TORQUE SPECIFICATION UNLESS OTHERWISE SPECIFIED. INSTALLATION TORQUE TO BE:

7. REFER TO MAYFIELD ROBOTICS QA-00025 FOR GENERAL INSPECTION REQUIREMENTS AND SPECIFIC REQUIREMENTS FOR DIMENSIONS INCLUDING "CC-", AN OVAL, AND/OR OTHER MODIFIERS.

This diagram illustrates the exploded view of the motor assembly. It includes the motor unit, a mounting bracket with a terminal block, and a pulley with a V-belt. The components are shown in their relative positions for assembly.



9	1	OM-00125	MAGNET, ENCODER
8	1	OM-00087	ENCODER
7	1	OM-00118	CABLE,TIE,2.5MMx120MM
6	1	WH-00017	CABLE, MOTOR, EYE
5	4	OM-00119	SCREW, M2x4, 6IP TORX PAN HEAD
4	1	OM-00130	PIN, SPRING
3	1	CM-00355	BRACKET,MOTOR,DOF,HEAD
2	1	OM-00107	HENKWELL PK22G-9120-62, CROSSDRILLED SHAFT
1	1	CM-00303	CRANK,PINNED
ITEM NO	QTY	PART NUMBER	DESCRIPTION
BILL OF MATERIALS			

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN  MILLIMETERS  INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M TRAILING ZEROS DENOTE TOLERANCE	TOLERANCES $X = \pm 0.5$ $X.X = \pm 0.25$ $X.XX = \pm 0.13$ ANGLES $= \pm 1^\circ$ UNLESS OTHERWISE SPECIFIED		 <b>MAYFIELD</b> ROBOTICS		400 CONVENTION WAY REDWOOD CITY, CA 94063												
	<table border="1"> <tr> <td>DRAWN BY</td> <td>M DENG</td> <td>DATE</td> <td>27MAR18</td> </tr> <tr> <td>DESIGNED BY</td> <td>M DENG</td> <td>DATE</td> <td>27MAR18</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> </tr> </table>		DRAWN BY	M DENG	DATE	27MAR18	DESIGNED BY	M DENG	DATE	27MAR18					<b>SUBASSEMBLY, MOTOR, EYE</b>		
DRAWN BY	M DENG	DATE	27MAR18														
DESIGNED BY	M DENG	DATE	27MAR18														
DO NOT SCALE DRAWING				DWG NUMBER		<b>SA-00076</b>	REV	<b>B</b>									
THIRD ANGLE PROJECTION				SIZE	<b>D</b>	SCALE	2:1	SHEET	1 of 1								
