


REVISION TABLE				
ECO	REVISION	DESCRIPTION	DATE	APPROVED
	A02	INITIAL RELEASE	04APR18	J UMHOEFER
	B	UPDATED FORMATTING	06APR18	J UMHOEFER

This diagram illustrates the exploded view of the motor assembly. It includes the motor unit, a mounting bracket, and a pulley assembly. The pulley assembly consists of a pulley wheel and a bracket that is designed to be mounted onto the motor's shaft. The mounting bracket is shown with pre-drilled holes for securing the assembly to a surface.

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- This exploded view diagram illustrates the assembly of a motor. The components are identified by numbered callouts:
- 1**: Motor housing (cylindrical body).
  - 2**: Motor shaft (central shaft).
  - 3**: Motor mounting bracket (L-shaped bracket).
  - 4**: Motor mounting plate (rectangular plate with mounting holes).
  - 5**: Motor mounting pin (small cylindrical pin).
  - 6**: Motor end cap (circular cap with mounting tabs).
  - 7**: Motor end cap screw (screw for the end cap).
- The diagram shows the motor housing (1) with the shaft (2) inserted. The mounting bracket (3) is shown being attached to the motor housing using screws. The mounting plate (4) is shown being attached to the bracket using the mounting pin (5). The end cap (6) is shown being attached to the motor housing using the end cap screw (7).

8	1	WH-00082	CABLE, MOTOR, PAN
7	1	OM-00125	MAGNET, ENCODER
6	1	OM-00087	ENCODER
5	1	OM-00130	PIN, SPRING
4	1	CM-00303	CRANK,PINNED
3	4	OM-00119	SCREW, M2x4, 6IP TORX PAN HEAD
2	1	OM-00107	HENNKWELL MOTOR: PZ22GR9120R-084BBH
1	1	CM-00224	BRACKET,MOTOR,PAN
ITEM NO	Default/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 $X = \pm 0.5$ $X.X = \pm 0.25$ $X.XX = \pm 0.13$ $ANGLES = \pm 1^\circ$		 <b>MAYFIELD</b> ROBOTICS	400 CONVENTION WAY REDWOOD CITY, CA 94063													
	UNLESS OTHERWISE SPECIFIED			<b>MOTOR SUBASSY,PAN</b>													
DO NOT SCALE DRAWING	DRAWN BY	M DENG	06APR18			<table border="1"> <tr> <td>DWG NUMBER</td> <td><b>SA-00078</b></td> <td>REV</td> <td><b>B</b></td> </tr> <tr> <td>SIZE</td> <td><b>D</b></td> <td>SCALE</td> <td>2:1</td> </tr> <tr> <td>SHEET</td> <td colspan="3">1 of 1</td> </tr> </table>		DWG NUMBER	<b>SA-00078</b>	REV	<b>B</b>	SIZE	<b>D</b>	SCALE	2:1	SHEET	1 of 1
DWG NUMBER	<b>SA-00078</b>	REV	<b>B</b>														
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THIRD ANGLE PROJECTION	DESIGNED BY	J WEINTRAUB	06APR18														
