

REVISION TABLE			
REVISION	DESCRIPTION	DATE	APPROVED
B	RELEASE TO PRODUCTION	04AUG17	J UMHOEFER
B01	UPDATE TO MIC GASKET/MEMBRANE WITH CM-00366	28SEP17	J UMHOEFER
B02	CORRECTION TO BOM TABLE CONTENTS	29SEP17	J UMHOEFER
B03	ADD LABEL PL-00033	09OCT17	J UMHOEFER

NOTES, UNLESS OTHERWISE SPECIFIED:

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

1

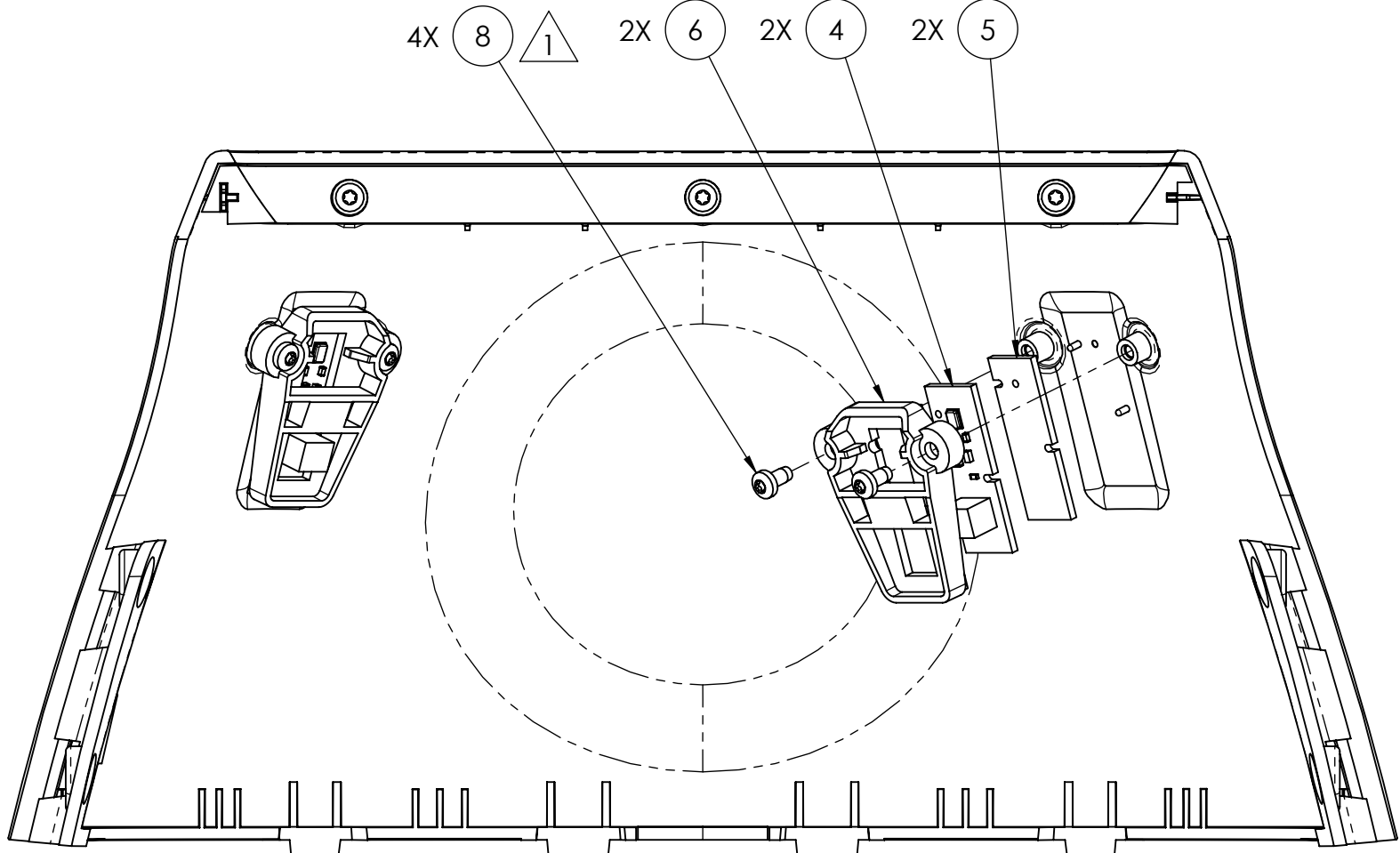
10±1 N-m (89±9 lb-in).

2

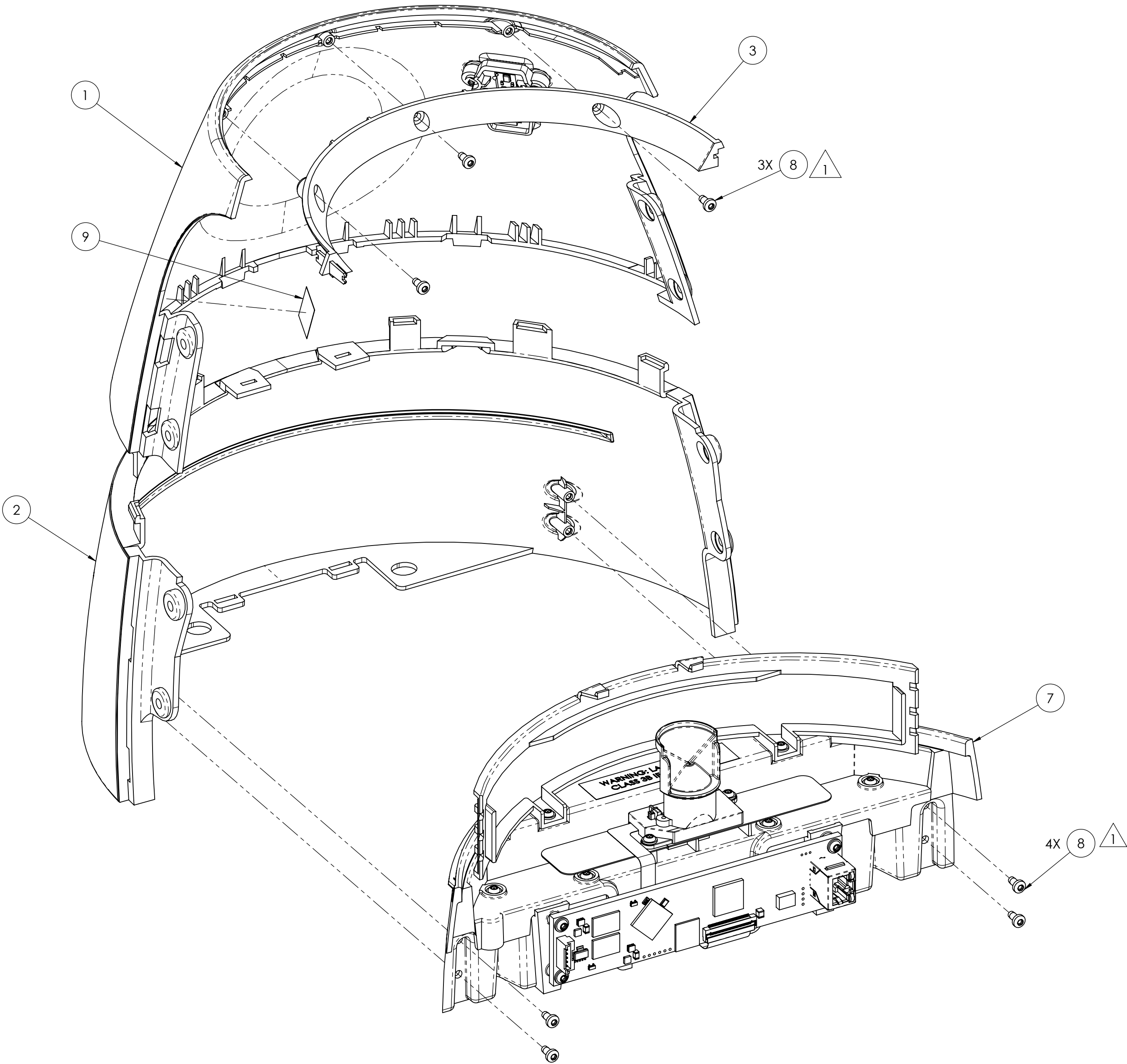
5±0.5 N-m (44±4 lb-in).

3

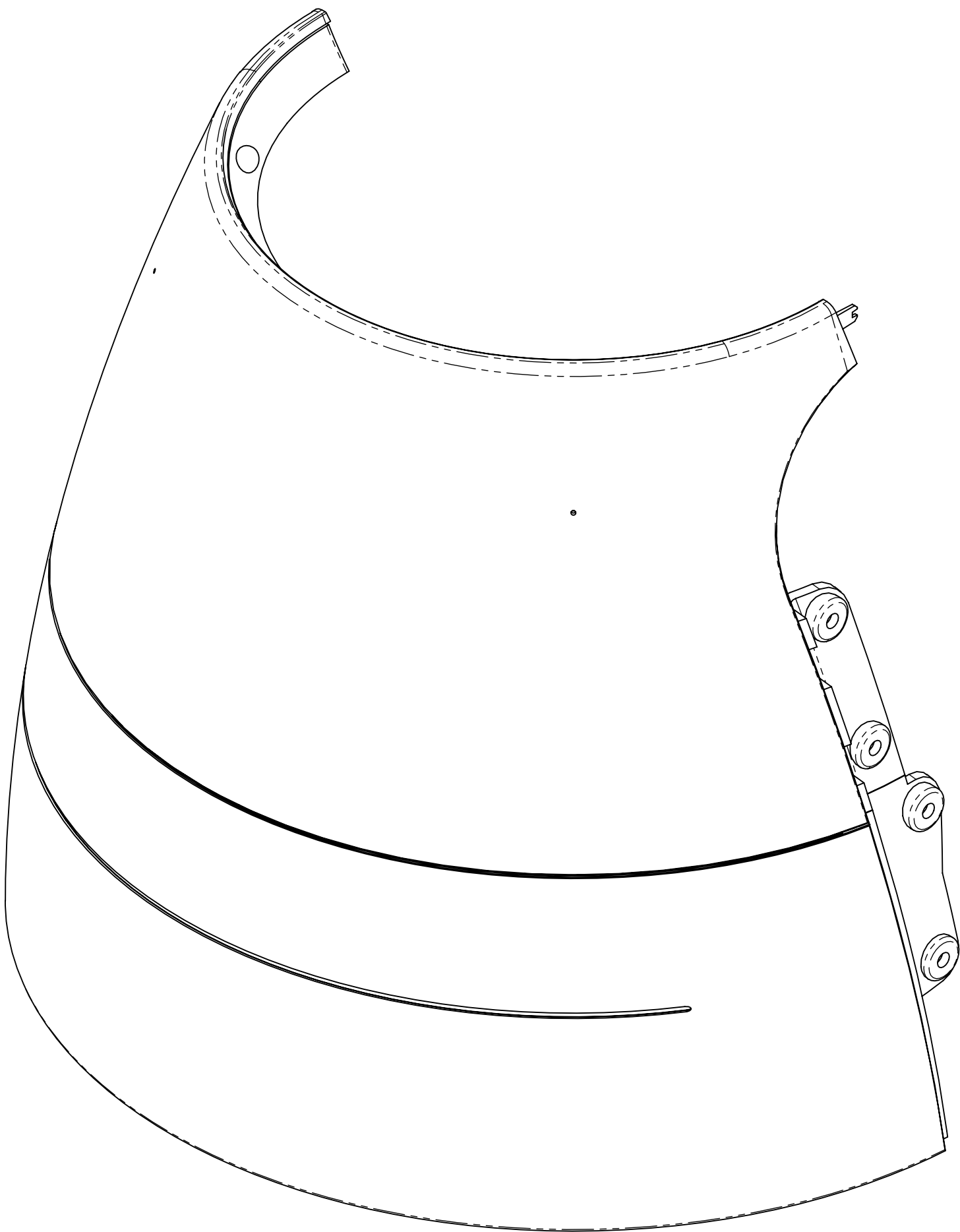
0.4±0.08 N-m (3.5±.7 lb-in).
- REFER TO MAYFIELD ROBOTICS QA-00025 FOR GENERAL INSPECTION REQUIREMENTS AND SPECIFIC REQUIREMENTS FOR DIMENSIONS INCLUDING "CC-", AN OVAL, AND/OR OTHER MODIFIERS.
- FINAL ASSEMBLY METHOD TO BE REVIEWED AND APPROVED IN WRITING BY MAYFIELD ROBOTICS.





MICROPHONE INSTALLATION DETAIL (EXPLODED)



DEPTH SENSOR INSTALLATION (EXPLODED)



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CM-00197	SHELL, FRONT, UPPER	1
2	CM-00198	SHELL, FRONT, LOWER	1
3	CM-00353	NECK RING	1
4	CE-00029	PCBA,MICROPHONE	2
5	CM-00366	GASKET, MICROPHONE, LAMINATE, URETHANE	2
6	CM-00311	BRACKET,CLAMP,MICROPHONE	2
7	SA-00060	DEPTH SENSOR	1
8	OM-00070	SCREW,K30X6,PT PAN HEAD	11
9	PL-00033	LABEL,BARCODE,SKIN,FRONT	1

<div>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN</div> <div>MILLIMETERS</div> <div>INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M TRAILING ZEROS DENOTE TOLERANCE</div> <div>DO NOT SCALE DRAWING</div> <div>THIRD ANGLE PROJECTION</div> <div></div>	<div>TOLERANCES</div> <div>X = ±0.5</div> <div>X.X = ±0.25</div> <div>X.XX = ±0.13</div> <div>ANGLES = ±1°</div> <div>UNLESS OTHERWISE SPECIFIED</div>		<div><div>MAYFIELD ROBOTICS</div></div> <div>400 CONVENTION WAY REDWOOD CITY, CA 94063</div>	
	FRONT SKIN ASSY.			
	APPROVED		DATE	
	DRAWN BY D ANDERSON		15JUN17	
	ENGINEERING APPROVAL J WEINTRAUB		28SEP17	
DWG NUMBER		SA-00069		REV B03
SIZE D	SCALE 3:4	SHEET 1 of 1		