



Pro-XMPv2



Pro-XMPv2 Parts ID Manual

Inventory ID: XM-83000

Revision: A
DOC-0019

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Scope of Manual:

This manual contains diagrams and related parts lists to identify potential service/spare parts for your DEMTECH Services, Inc. Pro-XMPv2 Extrusion Welder.

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Manual Number: **PARTS ID MANUAL/PRO-XMPv2, Revision: A**

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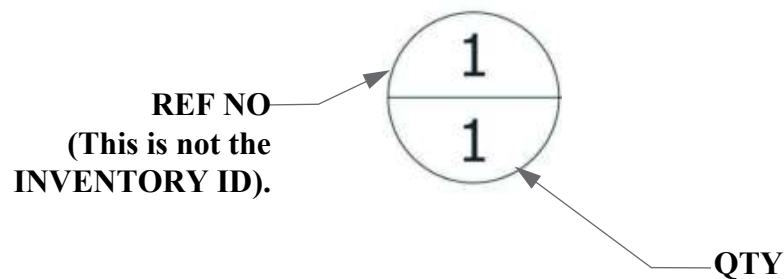
Web Site: www.demtech.com

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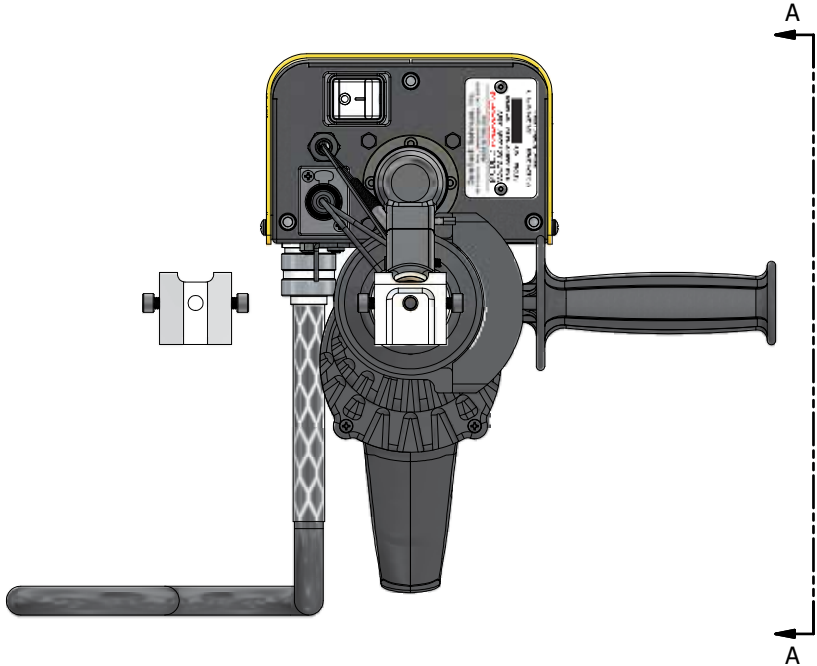
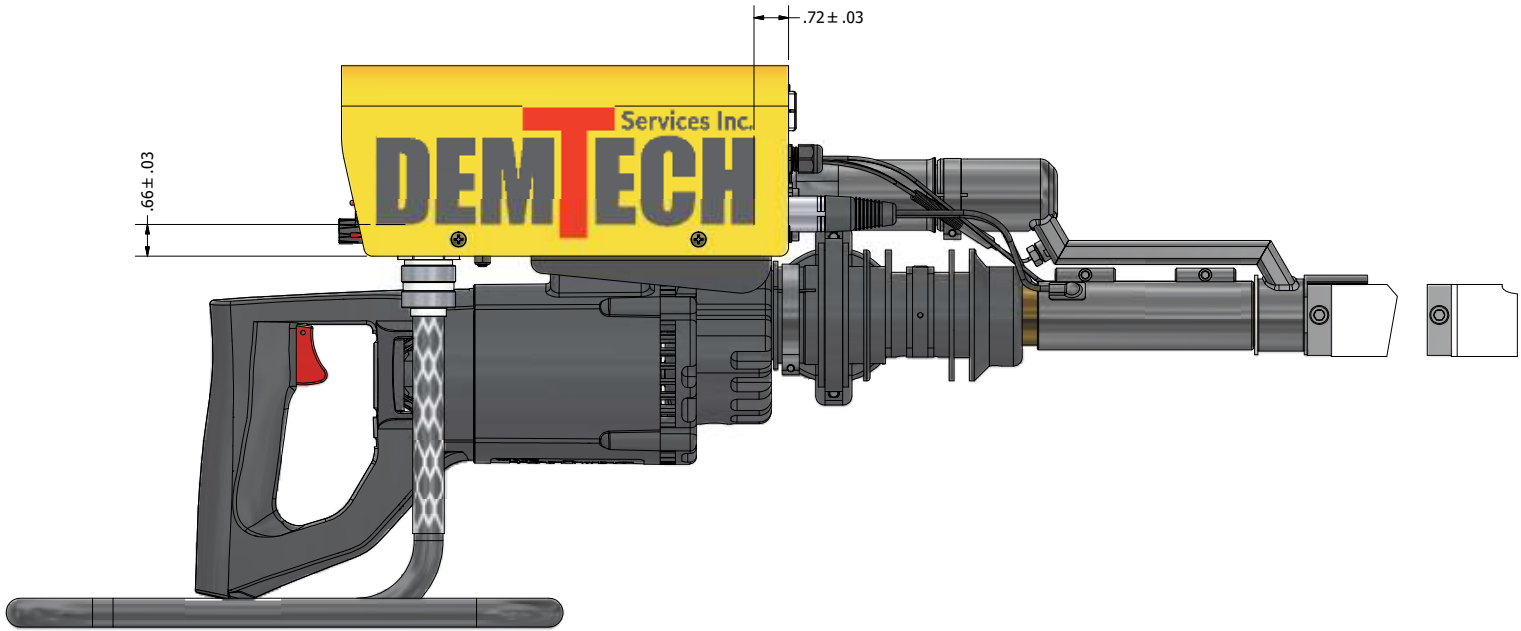
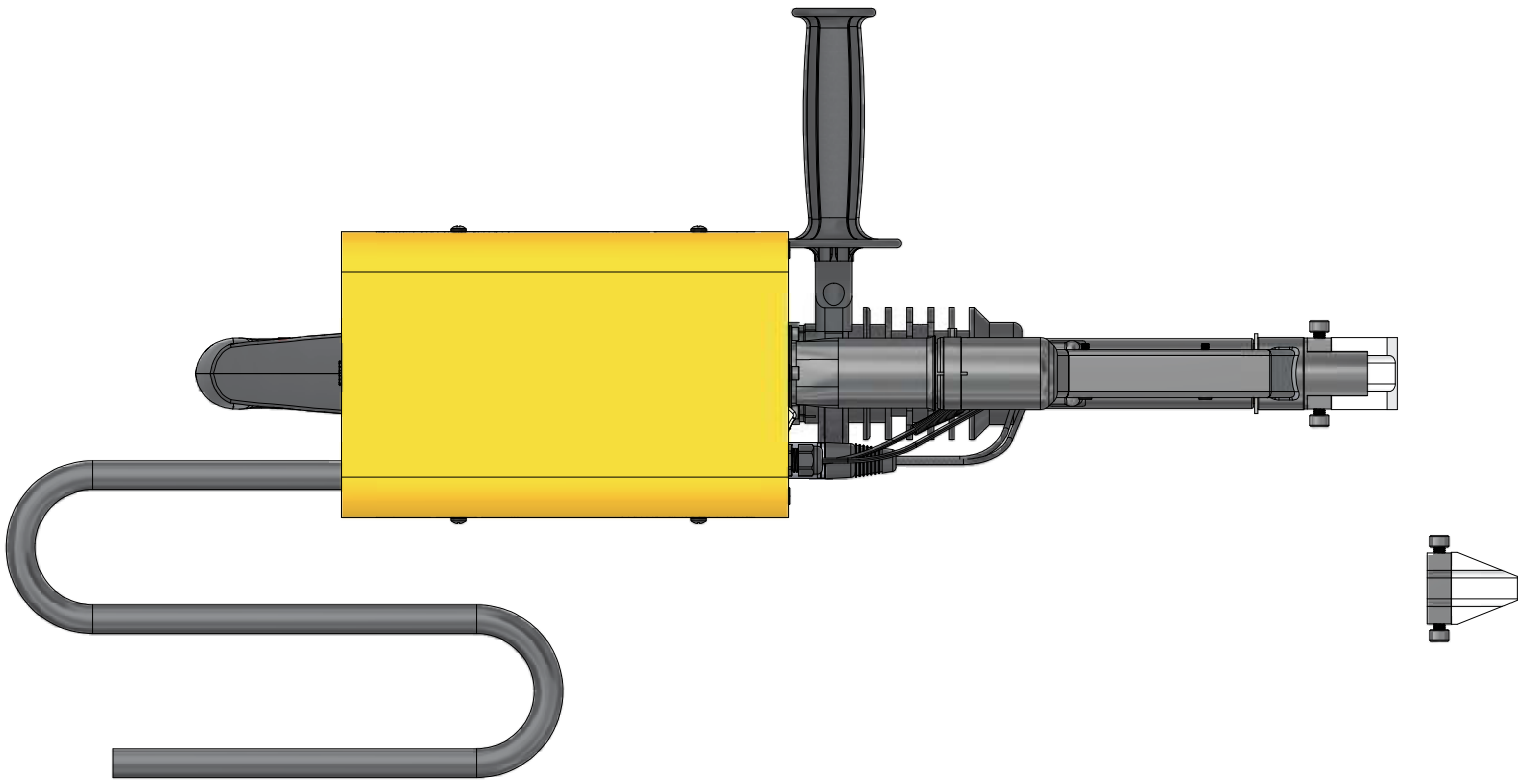
1 Ordering Instructions

Use the exploded assembly diagrams and related parts lists on the following pages to identify replacement parts for the Pro-XMPv2 Extrusion Welder. For a specific assembly diagram identify a part by finding it visually on the diagram and note its Reference Number (REF NO). Next refer to the parts list to identify its corresponding INVENTORY ID. When ordering parts, be sure to specify the INVENTORY ID not the REF NO. "**HARDWARE**" refers to non-stock components, these parts are also available for order by providing the complete part description.



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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
ALL	A	ECO-25012, INITIAL RELEASE TO PRODUCTION	07/02/2025	ISD



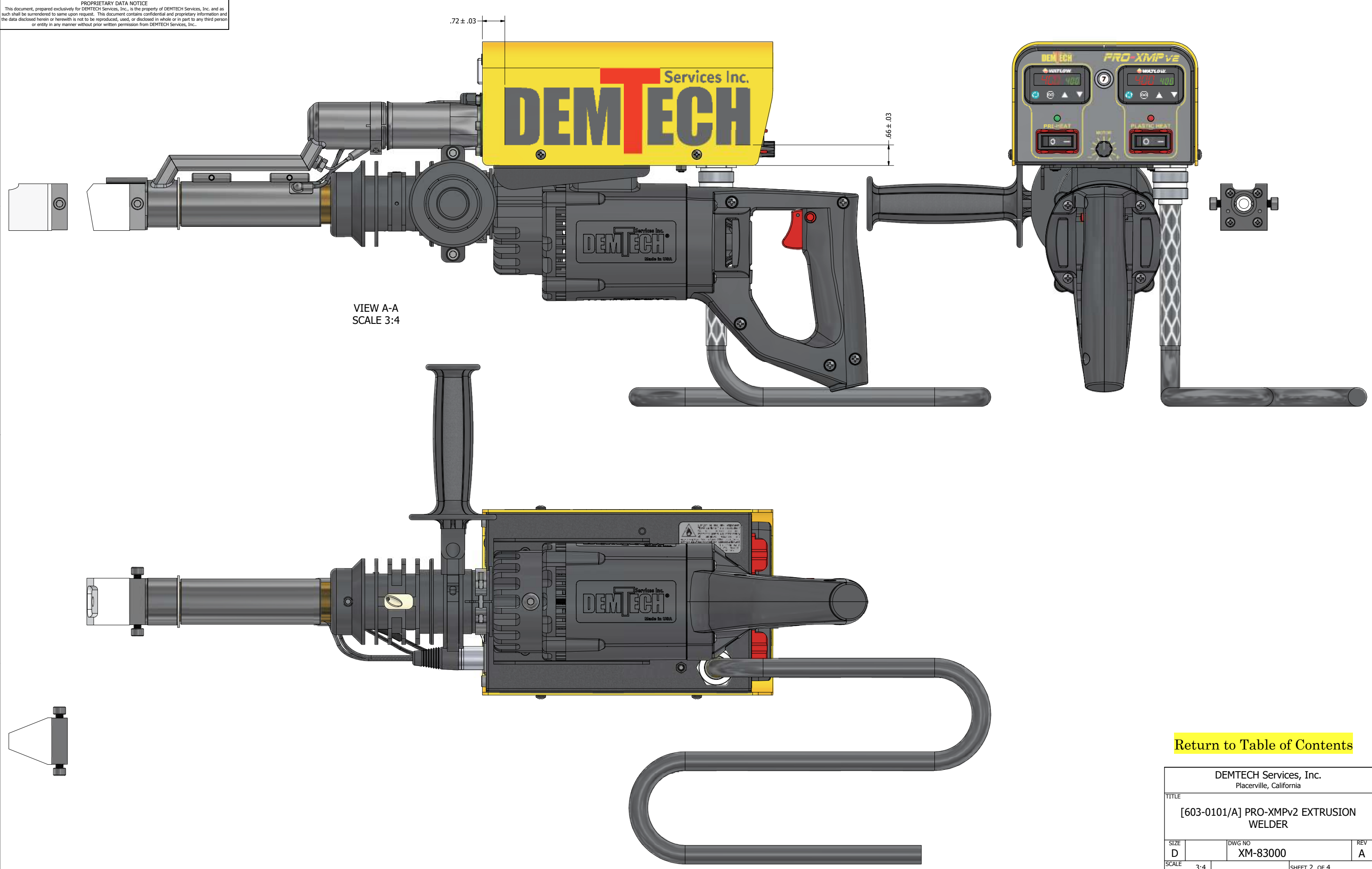
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1. THE BALLOON SYMBOL, Θ , CONTAINS THE REFERENCE NUMBER (REF NO) AND QUANTITY (QTY) OF A SPECIFIED COMPONENT IN THIS ASSY. THE UPPER DIGIT IS THE REF NO AND THE LOWER DIGIT IS THE QTY REQUIRED FOR THIS ASSY.

NOTES (UNLESS OTHERWISE SPECIFIED):

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET DIMS AND TOLS PER ASME Y14.5-2009 STANDARD TOLERANCES		DRAWN ISD	07/02/2025	DEMTECH Services, Inc. Placerville, California	
DECIMALS XX ± .02	SURFACE FINISH 63/ ANGLES ± 1°	CHECKED		TITLE	
XX ± .005	FRACTIONS ± 1/16	QA		[603-0101/A] PRO-XMPv2 EXTRUSION WELDER	
MATERIAL SEE NOTES AND PARTS LIST		MFG		SIZE D	DWG NO XM-83000
FINISH N/A		APPROVED		REV A	
DO NOT SCALE DRAWING				SCALE 1:2	SHEET 1 OF 4

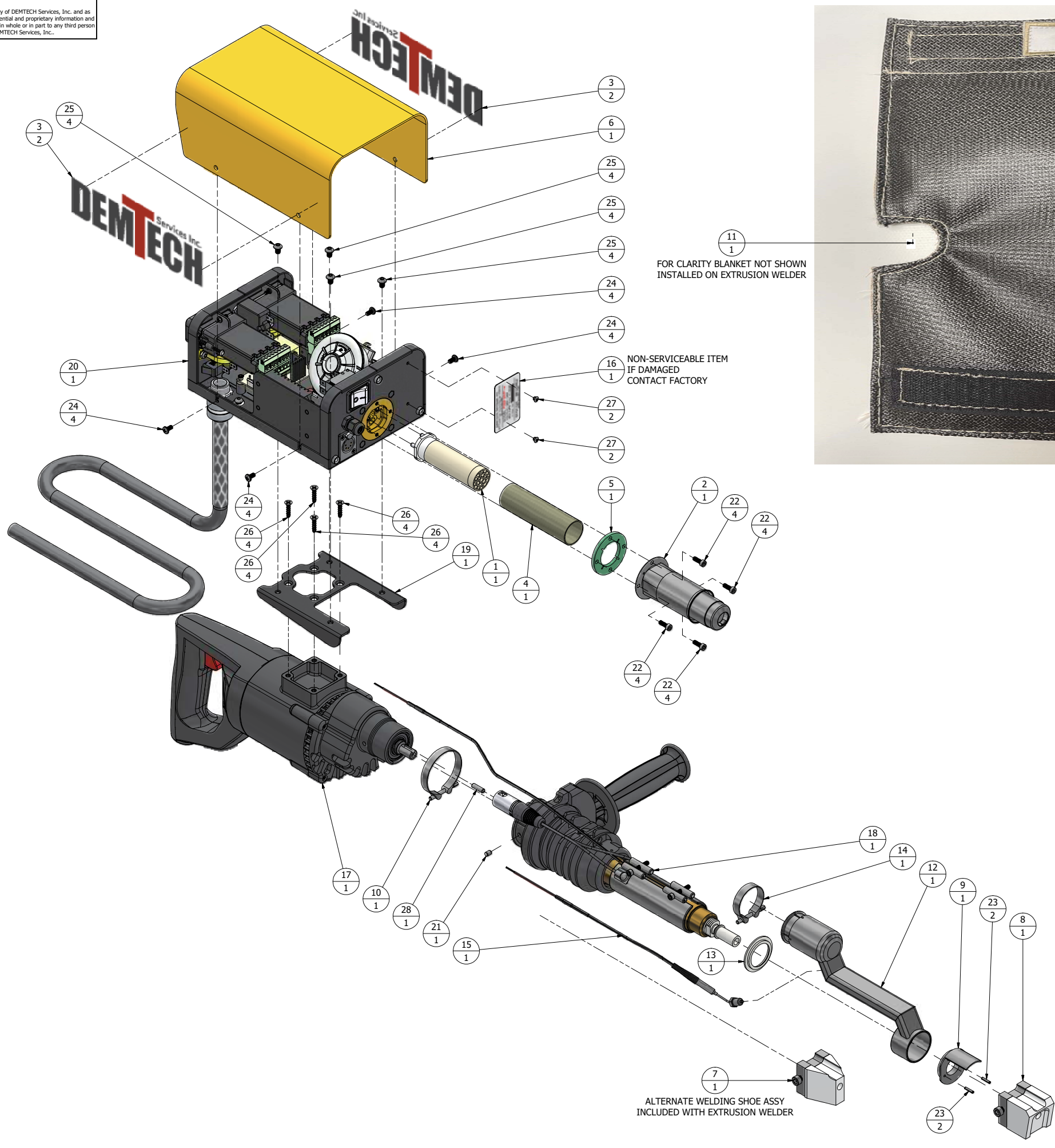
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DEMTECH Services, Inc. Placerville, California			
TITLE [603-0101/A] PRO-XMPv2 EXTRUSION WELDER			
SIZE D	DWG NO XM-83000		REV A
SCALE 3:4	SHEET 2 OF 4		

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PARTS LIST			
REF NO	INVENTORY ID	DESCRIPTION	QTY
1	DS-75016	[L-100.699] HEATING ELEMENT, 220V, 1600W	1
2	DS-75054	[PRT-75054] SLEEVE, SMALL STYLE	1
3	DT-72336	[LABEL-DEMTECH] LABEL-DEMTECH LOGO, BLACK W/RED "T"	2
4	DT-74043	[DT-MIC-TUB] MICA TUBE, HEATER, 110/220V	1
5	LE-72287	[L-103.224] FIBER RING GASKET	1
6	PX-71268	[600-056] COVER, CONTROLLER HOUSING	1
7	TS-14118	[TS-605-0500/A] ASSY, SHOE, CORNER, INSIDE, FOR 12MM (1/2") SHEET THICKNESS	1
8	TS-14125	[TS-605-60/A] ASSY, TEFLON SHOE, Overlap, For 1.0-2.0mm (40-80 mil) Sheet Thickness	1
9	XM-71492	[605-016] SHIELD, NOZZLE AIR	1
10	XM-71512	[605-040] CLAMP, BARREL	1
11	XM-71513	[605-043] INSULATION BLANKET, PRO-XMPv2, XMPv2	1
12	XM-71521	[605-052] MANIFOLD, PREHEATER, PRO-XMPv2	1
13	XM-71526	[605-053] WASHER, PRE-HEAT AIR MANIFOLD	1
14	XM-71531	[605-058] CLAMP, SCREW, 34-40mm RANGE, SS	1
15	XM-71595	[605-E003] ASSY, THERMOCOUPLE, PREHEAT, PRO-XMPv2	1
16	XM-71626	[603-399/XMPv2] SERIAL PLATE, PRO-XMPv2	1
17	XM-82986	[603-DRILL-XMPv2/A] ASSY, DRILL MOTOR COMPLETE, PRO-XMPv2	1
18	XM-82989	[603-BARREL/A/2] ASSY, BARREL/SCREW, PRO-XMPv2	1
19	XM-83002	[603-64/XMP] BRACKET, CONTROLLER HOUSING	1
20	XM-83003	[603-100/XMPv2/A] ASSY, CONTROLLER, XMPv2	1
21	HARDWARE	PIN, DOWEL, 3/16" OD X 1/4" LONG, 18-8 STAINLESS STEEL	1
22	HARDWARE	SCREW, M4 X 0.7 X 12mm LONG, SOCKET HEAD CAP, 18-8 STAINLESS STEEL	4
23	HARDWARE	PIN, COILED SPRING, 2.5mm OD X 12mm LONG, STD DUTY, SPRING STEEL	2
24	HARDWARE	SCREW, M4 X 0.7 X 8mm LONG, PAN HEAD PHILLIPS, 18-8 STAINLESS STEEL	4
25	HARDWARE	SCREW, M5 X 0.8 X 8mm LONG, BUTON HEAD SOCKET CAP, 18-8 STAINLESS STEEL	4
26	HARDWARE	SCREW, #8 X 3/4" LONG, FLAT HEAD PHILLIPS, HIGH-LOW, 410 STAINLESS STEEL	4
27	HARDWARE	RIVET, 1/8" BLIND, DOME STYLE, STAINLESS STEEL	2
28	HARDWARE	PIN, DOWEL, 3/16" OD X 5/8" LONG, HARDENED, 416 STAINLESS STEEL	1

DEMTECH Services, Inc.
Placerville, California

TITLE
[603-0101/A] PRO-XMPv2 EXTRUSION WELDER

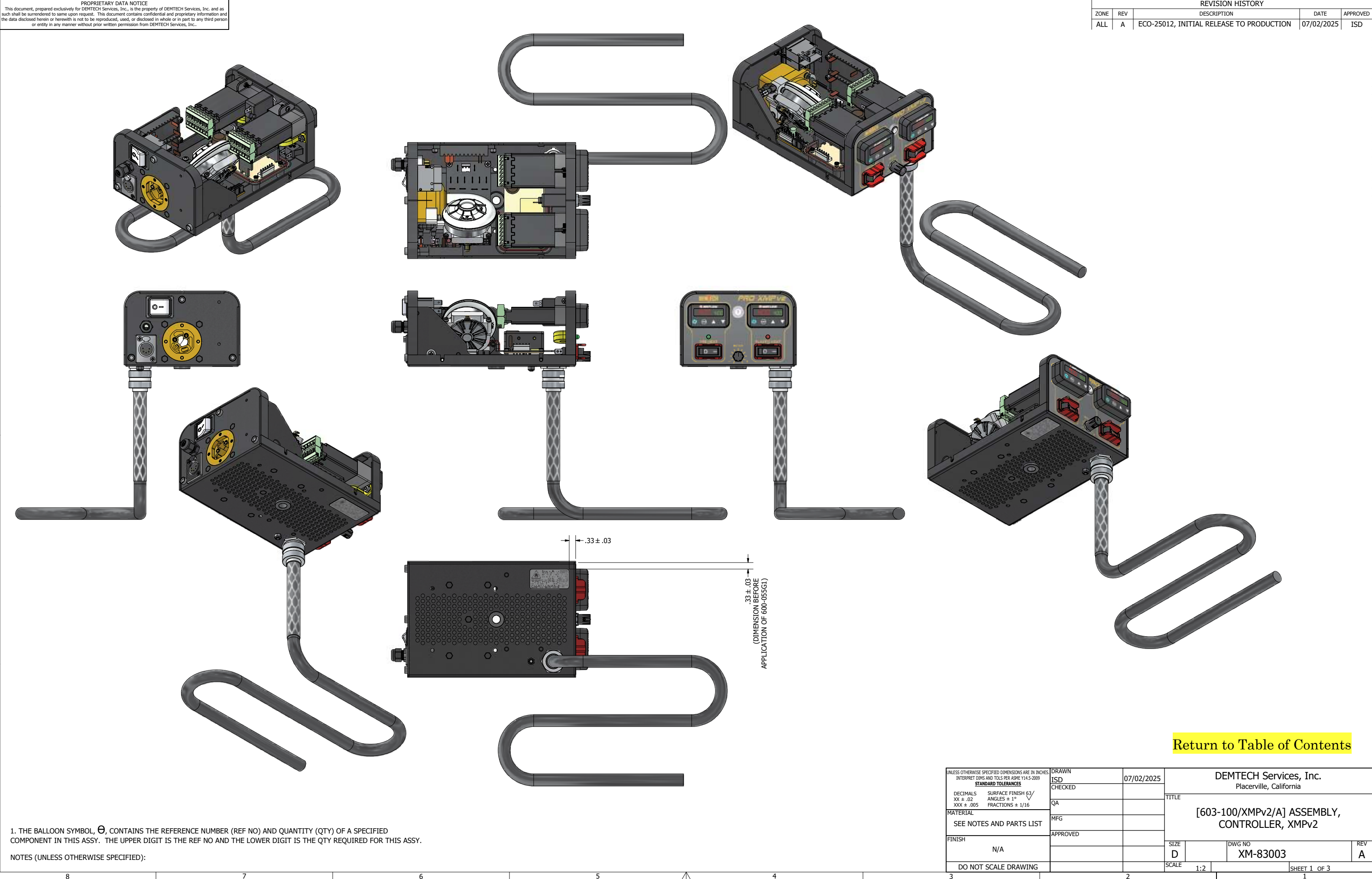
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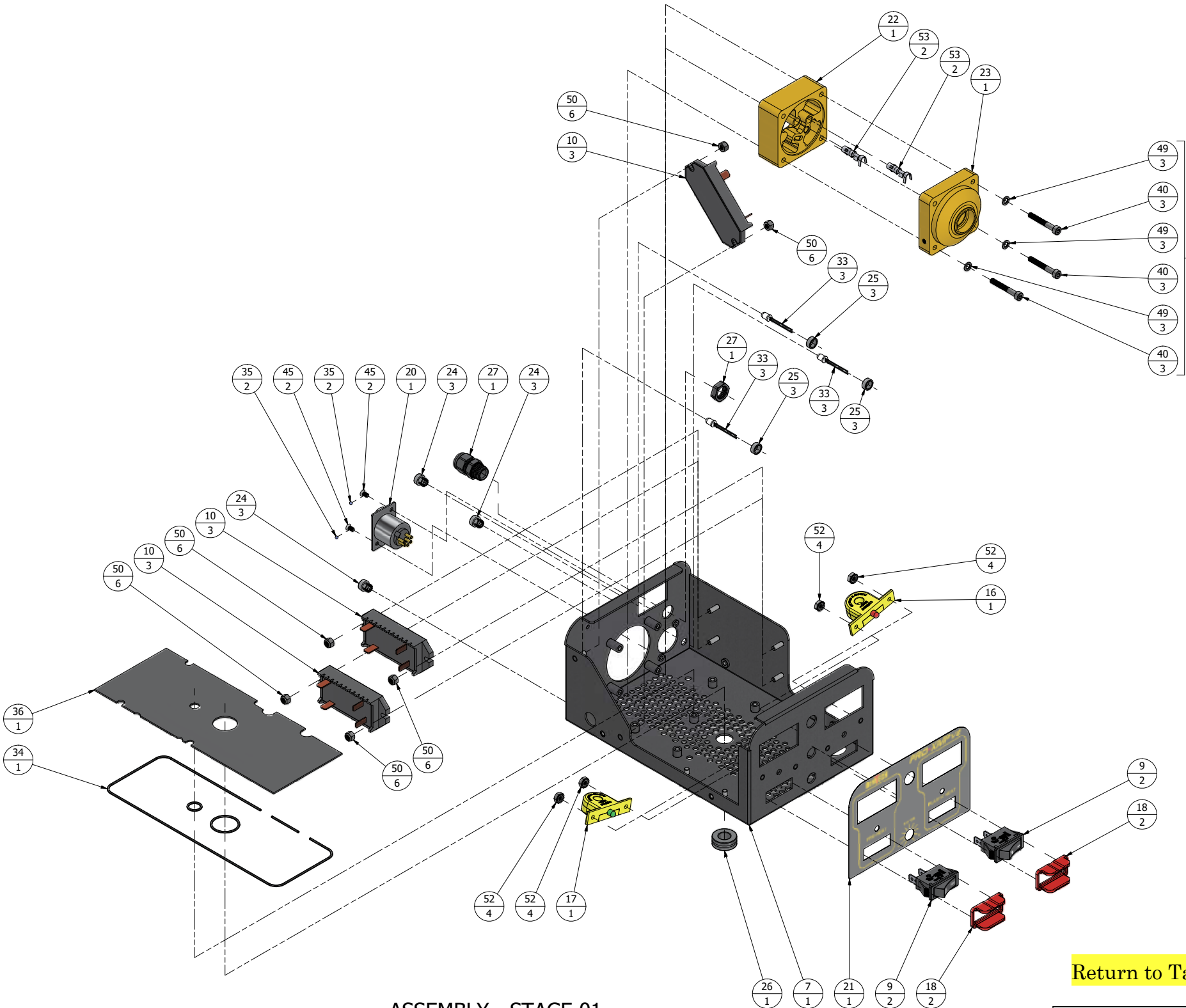


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STANDARD TOLERANCES		CHECKED		TITLE	
DECIMALS	SURFACE FINISH 63/	QA		[603-100/XMPv2/A] ASSEMBLY, CONTROLLER, XMPv2	
XX ± .02	ANGLES ± 1°	MFG			
XXX ± .005	FRACTIONS ± 1/16	APPROVED		SIZE D	DWG NO XM-83003
MATERIAL	SEE NOTES AND PARTS LIST			SCALE 1:2	REV A
FINISH	N/A			SHEET 1 OF 3	
DO NOT SCALE DRAWING					

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PARTS LIST			
REF NO	INVENTORY ID	DESCRIPTION	QTY
1	DS-70361	[100-427] TEMPERATURE CONTROLLER, LEGACY	2
2	DS-70362	[100-427S] SPACER, CONTROLLER	2
3	DS-70363	[100-427B] BRACKET, MOUNTING, CONTROLLER	2
4	DS-70388	[100-475] POWER CORD	1
5	DT-74055	[DT-WRN-LBL] LABEL, WARNING, FIRE HAZARD	1
6	PX-14016	[600-058M/A] ASSY, POTENTIOMETER, DRILL, PRE-WIRED W/ PLUG	1
7	PX-71267	[600-055] HOUSING, CONTROLLER	1
8	PX-71273	[600-059] KNOB, POTENTIOMETER	1
9	PX-71274	[600-06] [A-6106186] [DS-71807] SWITCH, PREHEATER, BLOWER ON/OFF	2
10	PX-71275	[600-060] RELAY, SOLID STATE, 24-280 VAC, DC INPUT, 25 AMP	3
11	PX-71276	[600-061] CONTROLLER, INTERCONNECT PCB	1
12	PX-71277	[600-062] STRAIN RELIEF, 1/2" MNPT STRAIGHT X .50-.63" DIA CORD, ALUMINUM	1
13	PX-71278	[600-063] THREADED ADAPTER, 8-32 MALE TO 4-40 MALE, SST	4
14	PX-71279	[600-064] MOUNT, VIBRATION-DAMPING SANDWICH, 8-32 FEMALE X 8-32 FEMALE	4
15	PX-71280	[600-065] NUT, STRAIN RELIEF, POWER CORD, CONTROL BOX	1
16	PX-71284	[600-09] CURRENT INDICATOR, RED	1
17	PX-71285	[600-10] CURRENT INDICATOR, GREEN	1
18	PX-71289	[600-06G] GUARD, CONTROLLER SWITCH	2
19	PX-71329	[600-29E] CIRCUIT BREAKER, 7AMP	1
20	PX-71370	[600-41EX] RECEPTACLE, HEATBAND	1
21	XM-71258	[603-057/XMPv2] OVERLAY, CONTROL PANEL, PRO-XMPv2	1
22	XM-71518	[605-051] MOUNT, HEATER, INTERNAL	1
23	XM-71534	[605-060] HOUSING, BLOWER, INTERNAL	1
24	XM-71541	[605-071] CLIP, LED, 5mm, W/ BEZEL	3
25	XM-71542	[605-072] SPACER, LED, 5mm	3
26	XM-71543	[605-073] GROMMET	1
27	XM-71544	[605-074] CORDGRIP, LIQUID TIGHT, STRAIGHT-THRU PIGTAIL	1
28	XM-71547	[605-081.1] BRACKET, BLOWER MOUNT	1
29	XM-71549	[605-082.1] CLAMP, BLOWER MOUNT	1
30	XM-71596	[605-E004] BLOWER, PRE-HEATER	1
31	XM-71600	[605-E009] SWITCH, POWER/BREAKER, DSPT, ON/OFF, 20A ONLY	1
32	XM-71601	[605-E010] POWER SUPPLY, DUAL OUTPUT	1
33	XM-71602	[605-E011] LED LIGHT	3
34	HARDWARE	SEALANT, ALL PURPOSE, 100% SILICONE, CLEAR	1
35	HARDWARE	ADHESIVE, THREADLOCKING LIQUID, BLUE, FOR PLASTICS	15
36	HARDWARE	[600-055F] FILTER, CONTROLLER HOUSING	1
37	HARDWARE	[600-060CR/A] ASSEMBLY, MOTOR CONTROL SNUBBER	1
38	HARDWARE	GASKET, CONTROLLER HOUSING, LOWER	2
39	HARDWARE	GASKET, CONTROLLER HOUSING, UPPER	4
40	HARDWARE	SCREW, M4 X 0.7 X 30mm LONG, SOCKET HEAD CAP, 18-8 STAINLESS STEEL	4
41	HARDWARE	SCREW, M3 X 0.5 X 22mm LONG, SOCKET HEAD CAP, 18-8 STAINLESS STEEL	2
42	HARDWARE	NUT, PANEL, 3/8"-32 UNEF X 1/2" WIDE X 3/32" THICK, NICKEL PLATED BRASS	1
43	HARDWARE	SCREW, M3.5 X 0.6 X 10mm LONG, PAN HEAD PHILLIPS, 18-8 STAINLESS STEEL	2
44	HARDWARE	SCREW, M4 X 0.7 X 8mm LONG, PAN HEAD PHILLIPS, 18-8 STAINLESS STEEL	5
45	HARDWARE	SCREW, M3 X 0.5 X 6mm LONG, FLAT HEAD PHILLIPS, 18-8 STAINLESS STEEL	2
46	HARDWARE	NUT, ALLEN, 4-40 X .18" LONG, ALLOY STEEL	4
47	HARDWARE	SCREW, M5 X 0.8 X 10mm LONG, BUTTON HEAD SOCKET CAP, 18-8 STAINLESS STEEL	1
48	HARDWARE	WASHER, M3 REGULAR SPLIT LOCK, 18-8 STAINLESS STEEL	2
49	HARDWARE	WASHER, M4 REGULAR SPLIT LOCK, 18-8 STAINLESS STEEL	4
50	HARDWARE	NUT, M4 X 0.7 X 7mm WIDE X 5mm HIGH, HEX LOCK, NYLON-INSERT, 18-8 STAINLESS STEEL	6
51	HARDWARE	NUT, M5 X 0.8 X 8mm WIDE X 5mm HIGH, HEX LOCK, NYLON-INSERT, 18-8 STAINLESS STEEL	1
52	HARDWARE	NUT, 6-32 HEX W/ EXTERNAL-TOOTH LOCK WASHER, 5/16" WIDE X 9/64" THICK, 18-8 STAINLESS STEEL	4
53	HARDWARE	CONTACT, 4mm DIA, DUAL CRIMP	2

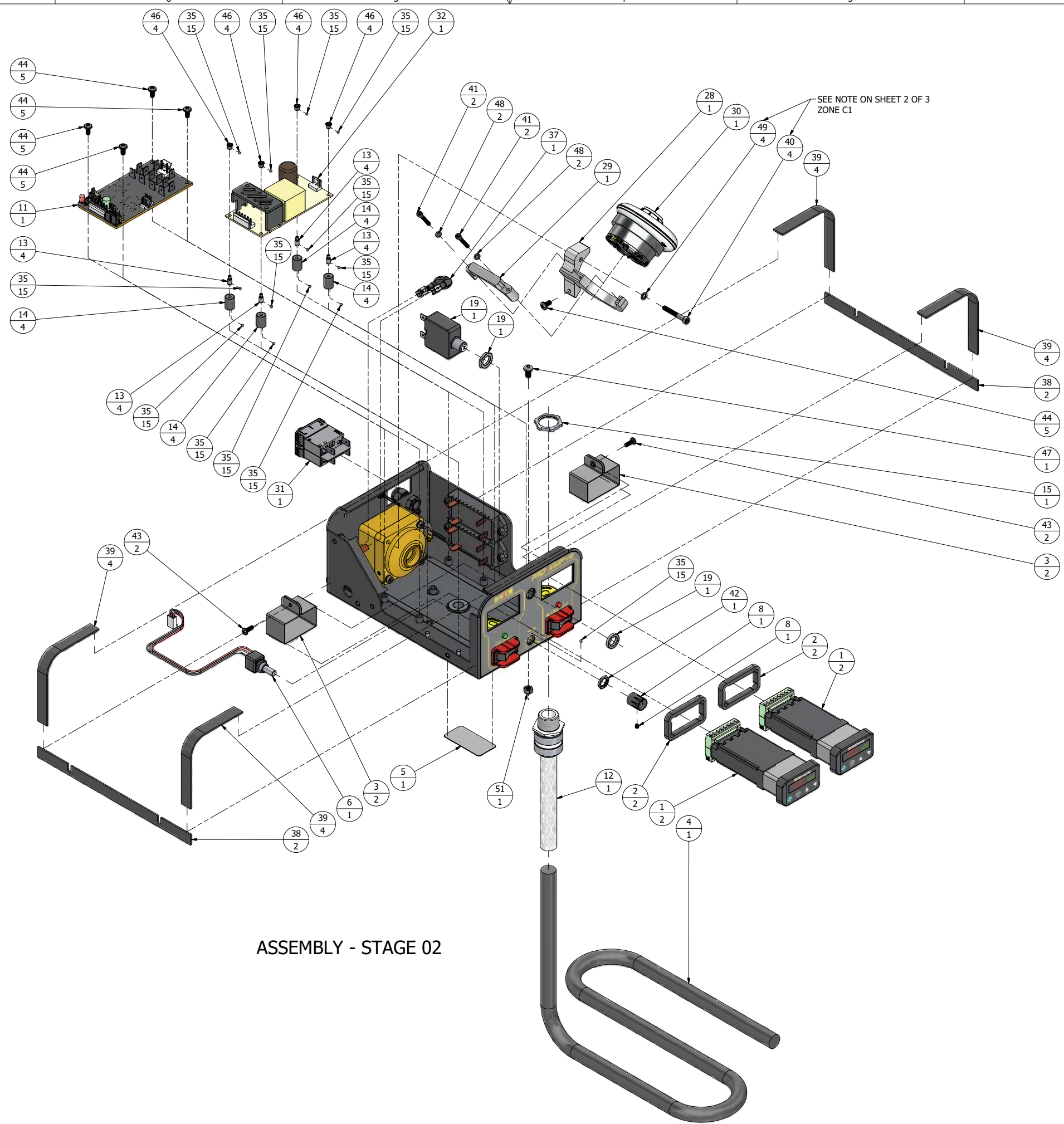


ASSEMBLY - STAGE 01

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DEMTECH Services, Inc. Placerville, California		
TITLE [603-100/XMPv2/A] ASSEMBLY, CONTROLLER, XMPv2		
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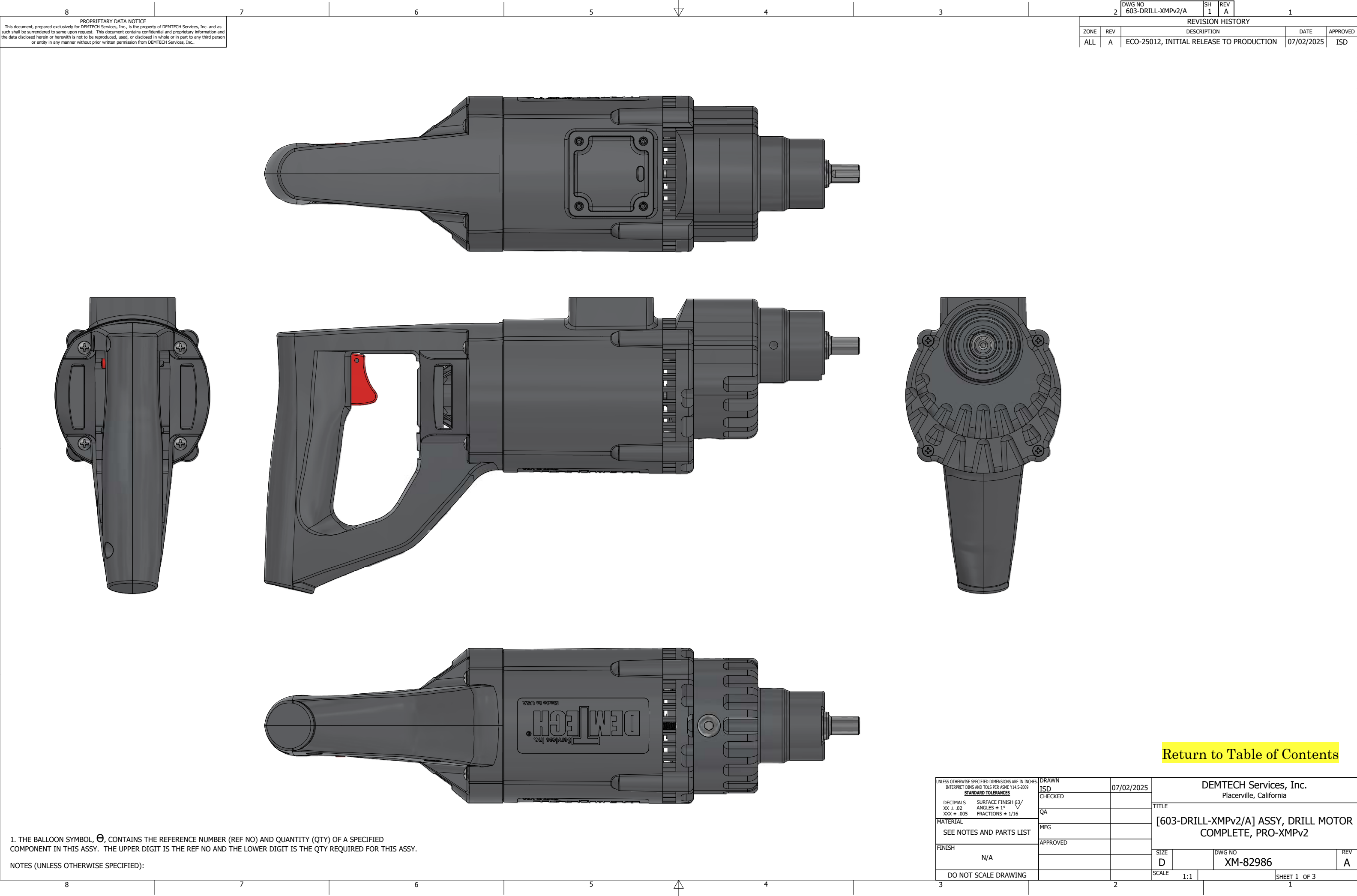
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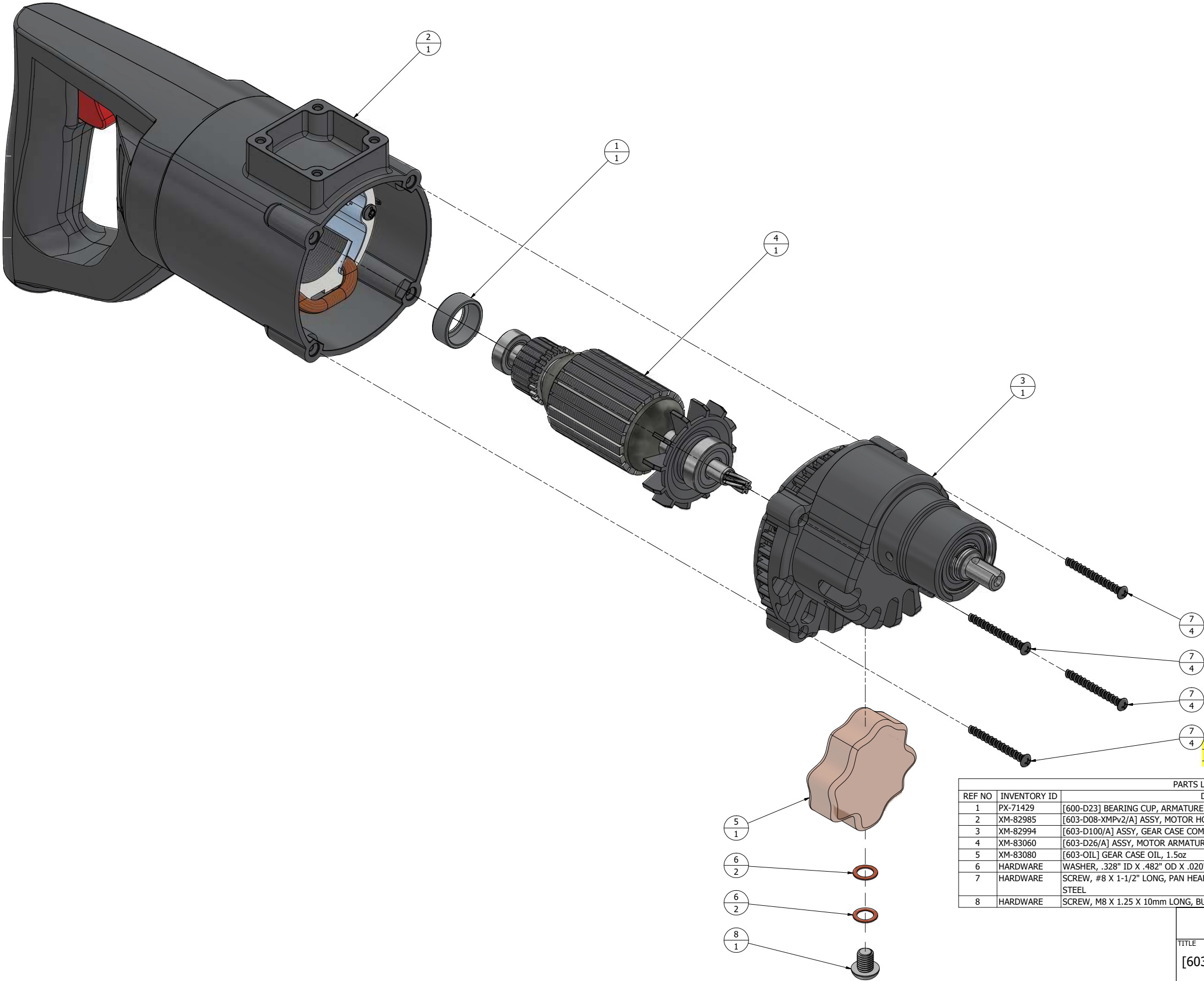
ASSEMBLY - STAGE 02

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DEMTECH Services, Inc. Placerville, California			
TITLE [603-100/XMPv2/A] ASSEMBLY, CONTROLLER, XMPv2			
SIZE D	DWG NO XM-83003		REV A
SCALE 1:2	SHEET 3 OF 3		



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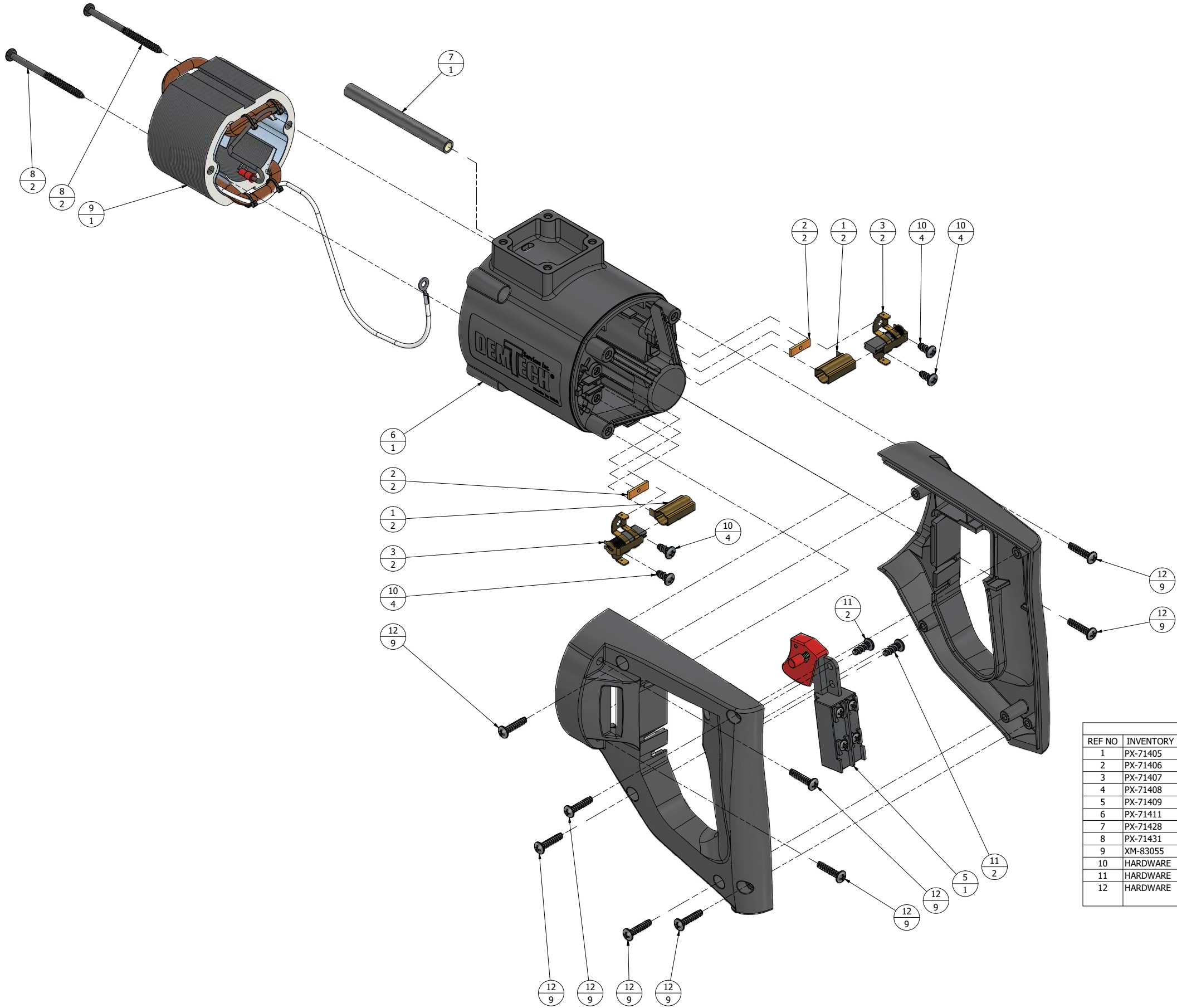


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PARTS LIST			
REF NO	INVENTORY ID	DESCRIPTION	QTY
1	PX-71429	[600-D23] BEARING CUP, ARMATURE	1
2	XM-82985	[603-D08-XMPv2/A] ASSY, MOTOR HOUSING COMPLETE	1
3	XM-82994	[603-D100/A] ASSY, GEAR CASE COMPLETE	1
4	XM-83060	[603-D26/A] ASSY, MOTOR ARMATURE COMPLETE, 230V, PRO-XMv2	1
5	XM-83080	[603-OIL] GEAR CASE OIL, 1.5oz	1
6	HARDWARE	WASHER, .328" ID X .482" OD X .020" THICK, COPPER	2
7	HARDWARE	SCREW, #8 X 1-1/2" LONG, PAN HEAD PHILLIPS, HIGH-LOW, BLACK ZINC PLATED STEEL	4
8	HARDWARE	SCREW, M8 X 1.25 X 10mm LONG, BUTTON HEAD CAP, 18-8 STAINLESS STEEL	1

DEMTECH Services, Inc. Placerville, California		
TITLE [603-DRILL-XMPv2/A] ASSY, DRILL MOTOR COMPLETE, PRO-XMPv2		
SIZE D	DWG NO XM-82986	REV A
SCALE 1:1	SHEET 3 OF 3	

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PARTS LIST			
REF NO	INVENTORY ID	DESCRIPTION	QTY
1	PX-71405	[600-D03] BRUSH HOLDER	2
2	PX-71406	[600-D04] BRUSH INSULATOR	2
3	PX-71407	[600-D05] BRUSH, SOLD INDIVIDUALLY	2
4	PX-71408	[600-D06] "D" HANDLE KIT	1
5	PX-71409	[600-D07] TRIGGER SWITCH	1
6	PX-71411	[600-D08] HOUSING, MOTOR	1
7	PX-71428	[600-D22/S] SLEEVING, FIELD WINDING WIRES	1
8	PX-71431	[600-D24.1EX] SCREW, FIELD COIL, GEAR CASE TO HOUSING	2
9	XM-83055	[603-D22] FIELD COIL, 230V, PRO-XMv2	1
10	HARDWARE	SCREW, #10 X 3/8" LONG, PAN HEAD PHILLIPS, HIGH-LOW, ZINC PLATED STEEL	4
11	HARDWARE	SCREW, #10 X 1/2" LONG, PAN HEAD PHILLIPS, HIGH-LOW, ZINC PLATED STEEL	2
12	HARDWARE	SCREW, 8-16 X 3/4" LONG, THREAD-FORMING, PAN HEAD PHILLIPS, 18-8 STAINLESS STEEL	9

DEMTECH Services, Inc.
Placerville, California

TITLE
[603-D08-XMPv2/A] ASSY, MOTOR HOUSING COMPLETE

SIZE
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DWG NO
XM-82985

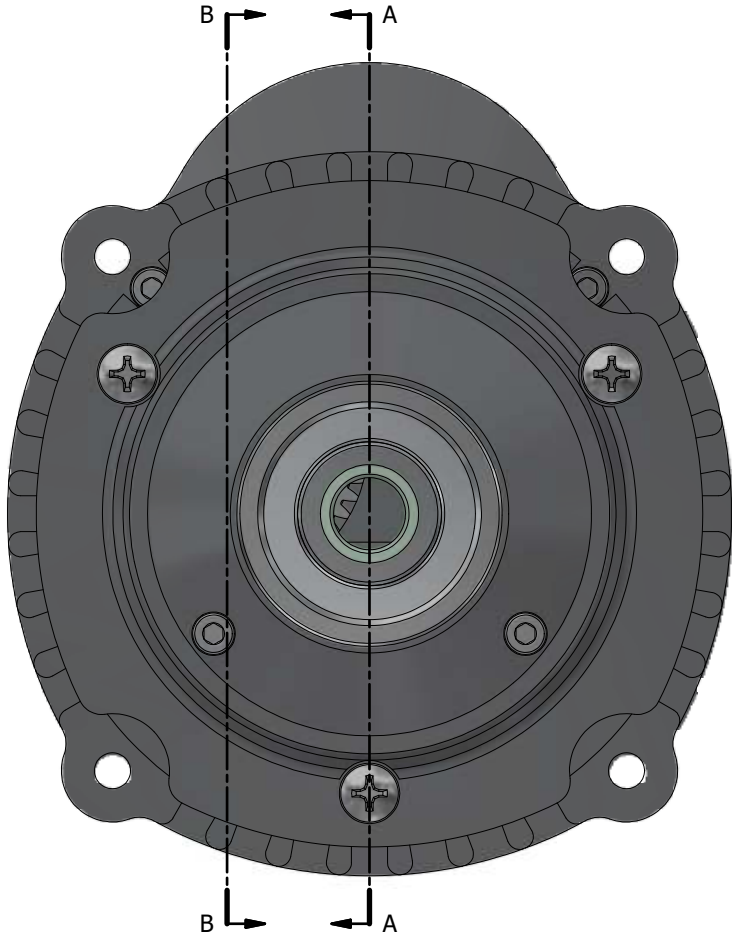
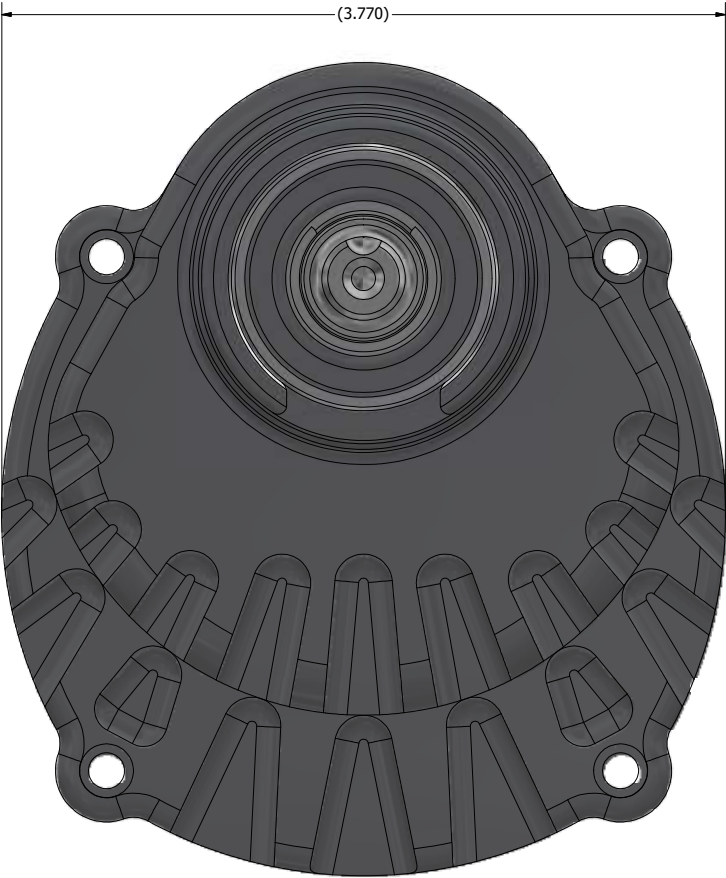
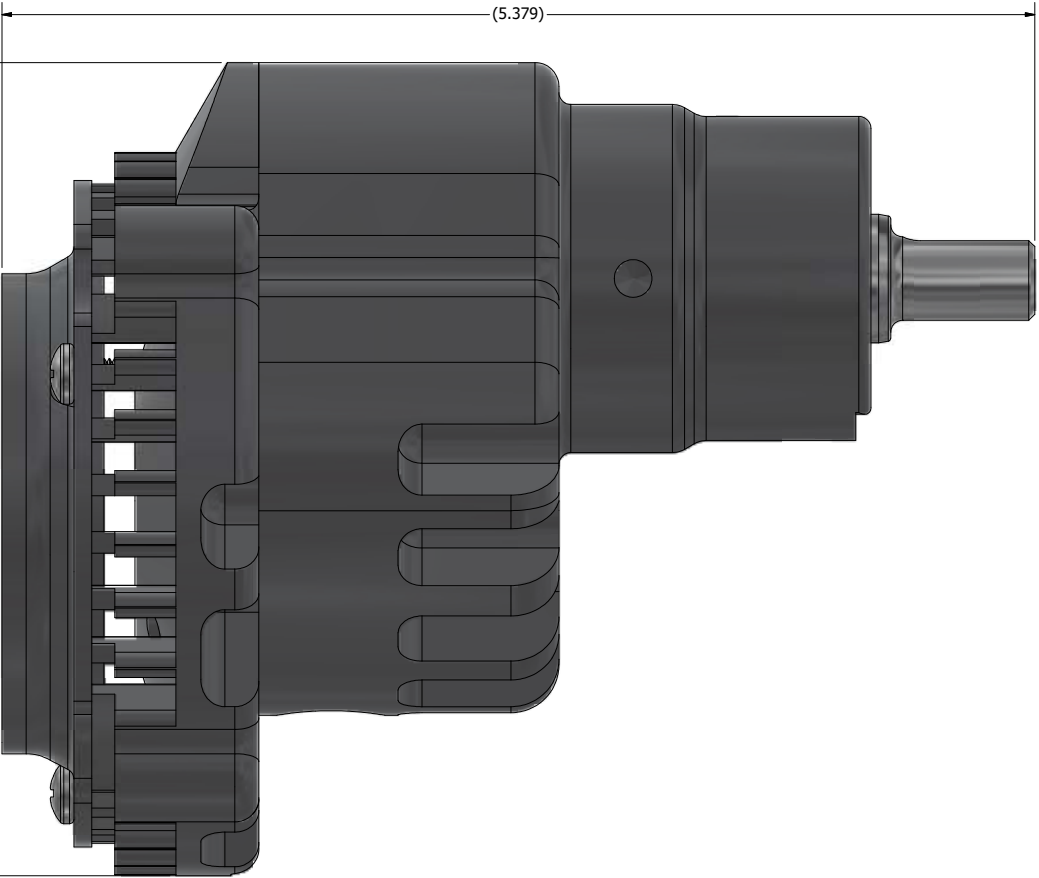
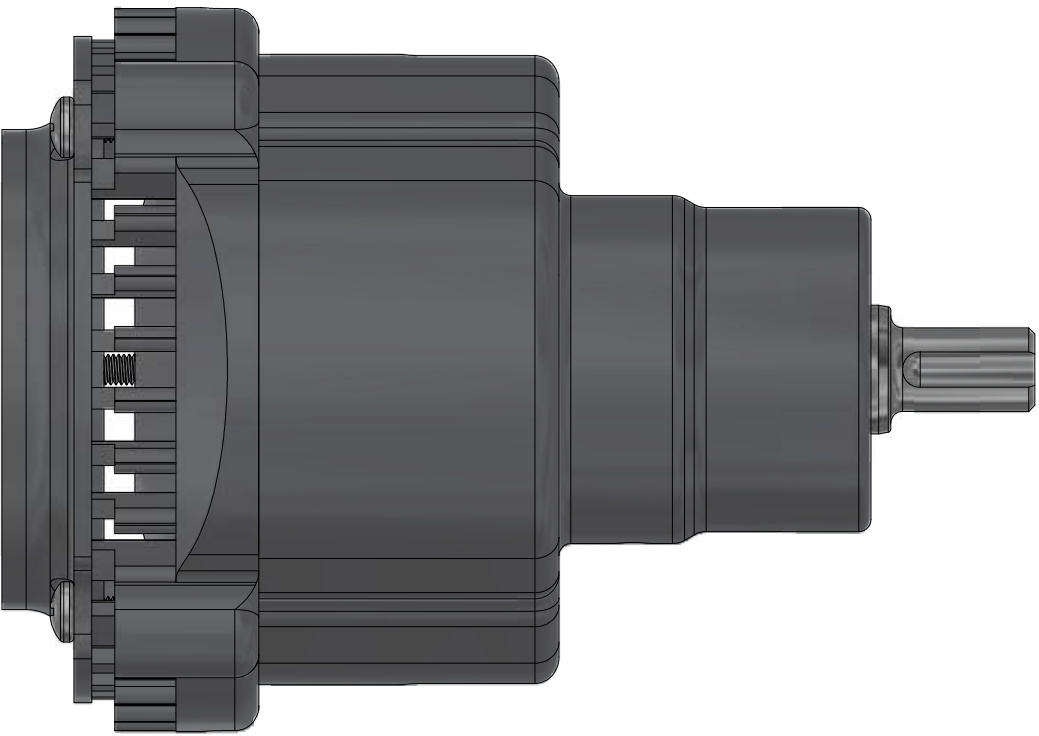
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SHEET 3 OF 3

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REVISION HISTORY				
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ALL	A	ECO-25009, INITIAL RELEASE TO PRODUCTION	06/05/2025	ISD



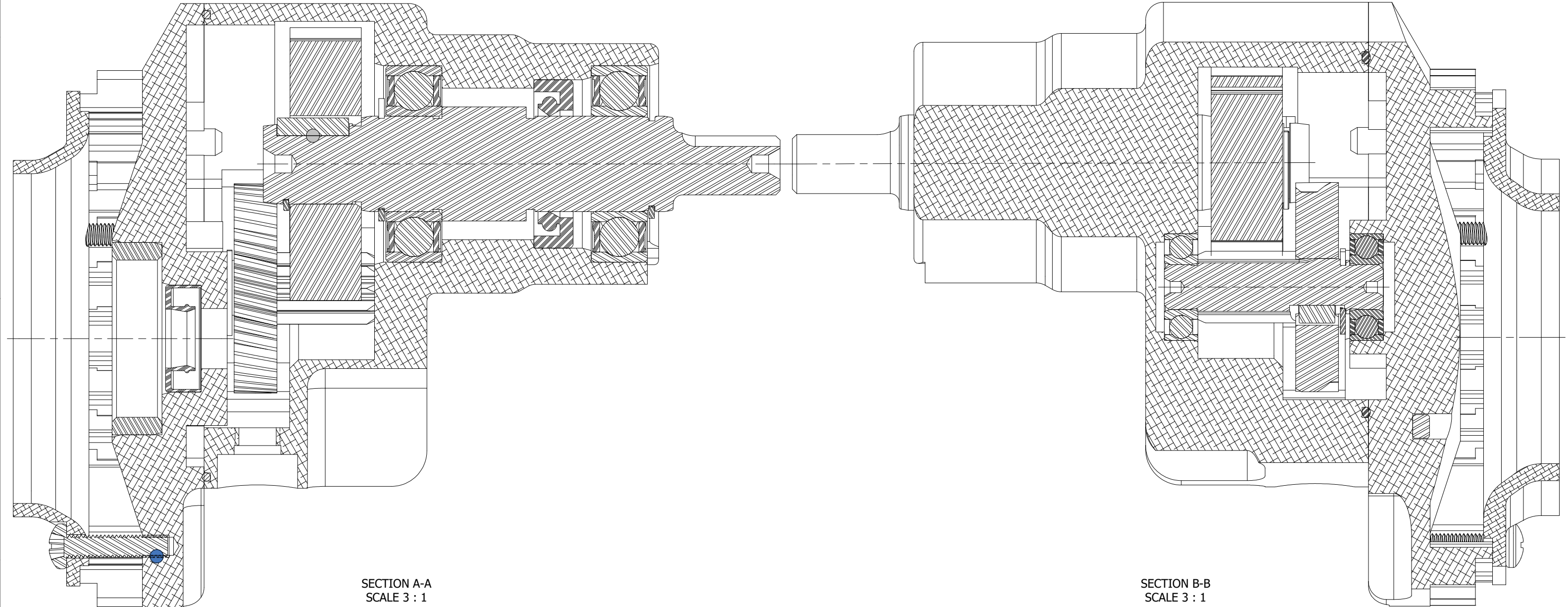
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NOTES (UNLESS OTHERWISE SPECIFIED):

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET DIMS AND TOLS PER ASME Y14.5-2009 STANDARD TOLERANCES DECIMALS SURFACE FINISH 63/ XX ± .02 ANGLES ± 1° XXX ± .005 FRACTIONS ± 1/16 MATERIAL SEE NOTES AND PARTS LIST FINISH N/A DO NOT SCALE DRAWING	DRAWN ISD	06/05/2025	DEMTECH Services, Inc. Placerville, California	
	CHECKED		TITLE	
	QA		[603-D100/A] ASSY, GEAR CASE COMPLETE	
	MFG		SIZE D	DWG NO XM-82994
	APPROVED		REV A	
		SCALE 2:1	SHEET 1 OF 5	

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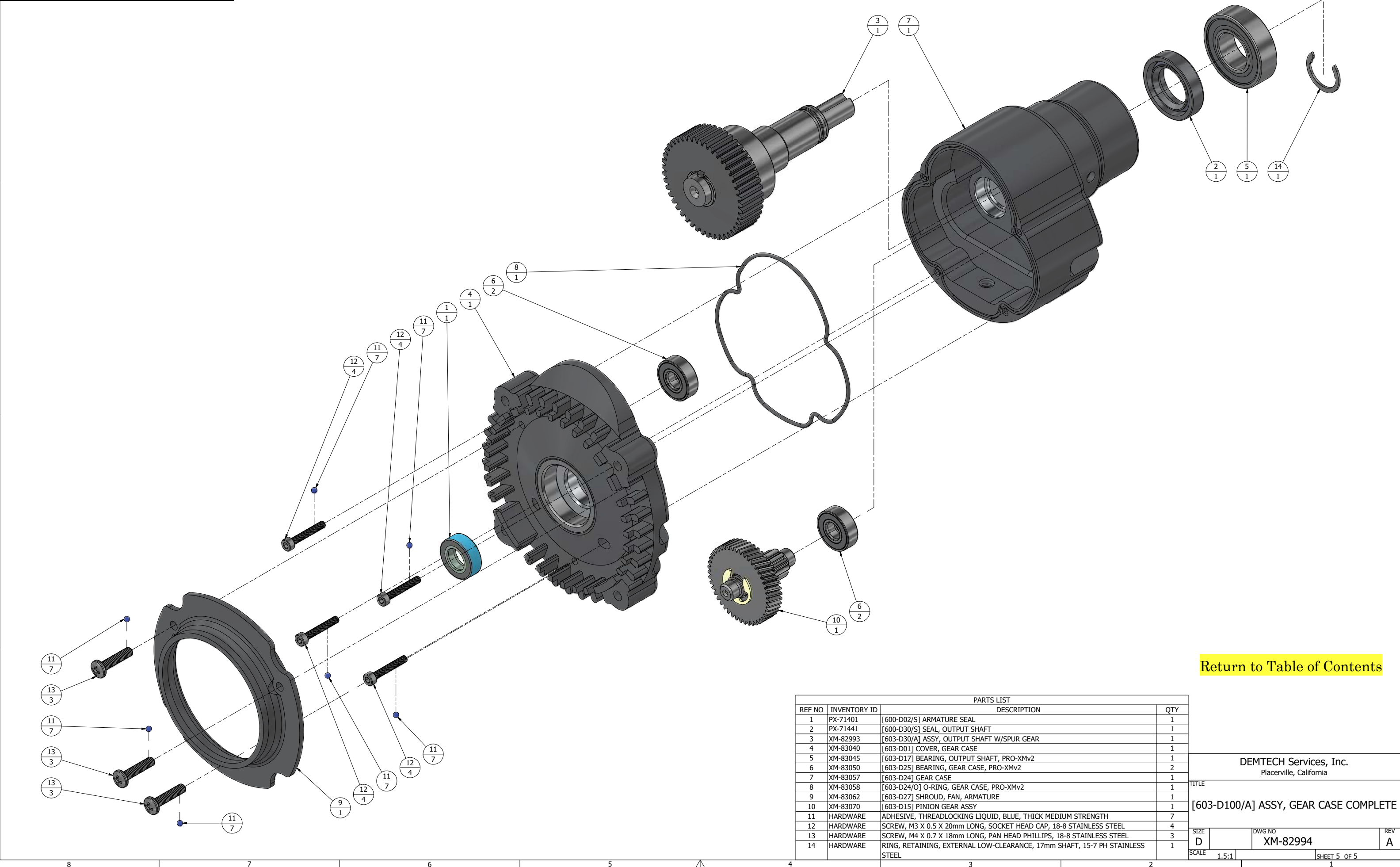
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SECTION B-B
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DEMTECH Services, Inc. Placerville, California			
TITLE			
[603-D100/A] ASSY, GEAR CASE COMPLETE			
SIZE	DWG NO		REV
D	XM-82994		A
SCALE	3:1		SHEET 2 OF 5

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PARTS LIST			
REF NO	INVENTORY ID	DESCRIPTION	QTY
1	PX-71401	[600-D02/S] ARMATURE SEAL	1
2	PX-71441	[600-D30/S] SEAL, OUTPUT SHAFT	1
3	XM-82993	[603-D30/A] ASSY, OUTPUT SHAFT W/SPUR GEAR	1
4	XM-83040	[603-D01] COVER, GEAR CASE	1
5	XM-83045	[603-D17] BEARING, OUTPUT SHAFT, PRO-XMv2	1
6	XM-83050	[603-D25] BEARING, GEAR CASE, PRO-XMv2	2
7	XM-83057	[603-D24] GEAR CASE	1
8	XM-83058	[603-D24/O] O-RING, GEAR CASE, PRO-XMv2	1
9	XM-83062	[603-D27] SHROUD, FAN, ARMATURE	1
10	XM-83070	[603-D15] PINION GEAR ASSY	1
11	HARDWARE	ADHESIVE, THREADLOCKING LIQUID, BLUE, THICK MEDIUM STRENGTH	7
12	HARDWARE	SCREW, M3 X 0.5 X 20mm LONG, SOCKET HEAD CAP, 18-8 STAINLESS STEEL	4
13	HARDWARE	SCREW, M4 X 0.7 X 18mm LONG, PAN HEAD PHILLIPS, 18-8 STAINLESS STEEL	3
14	HARDWARE	RING, RETAINING, EXTERNAL LOW-CLEARANCE, 17mm SHAFT, 15-7 PH STAINLESS STEEL	1

DEMTECH Services, Inc.
Placerville, California

TITLE
[603-D100/A] ASSY, GEAR CASE COMPLETE

SIZE
D

DWG NO
XM-82994

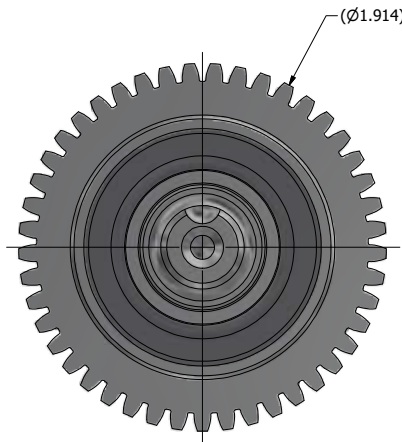
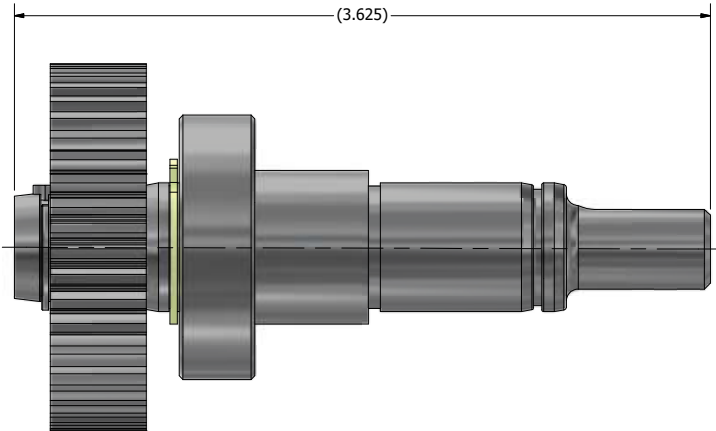
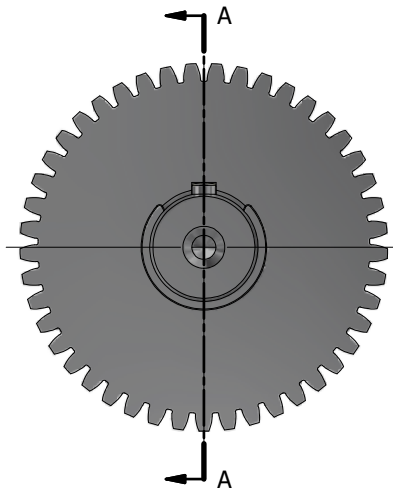
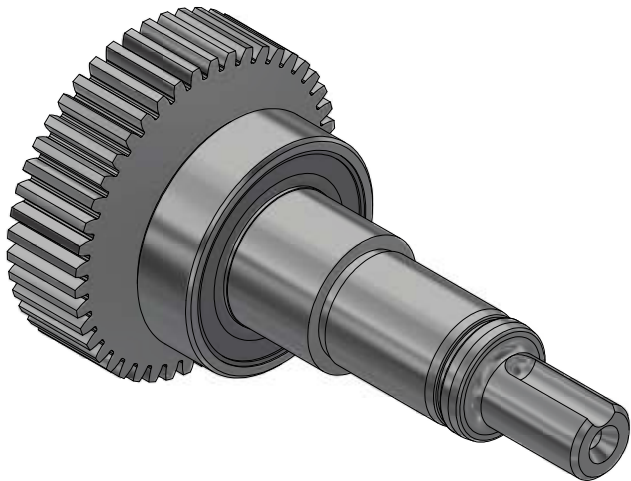
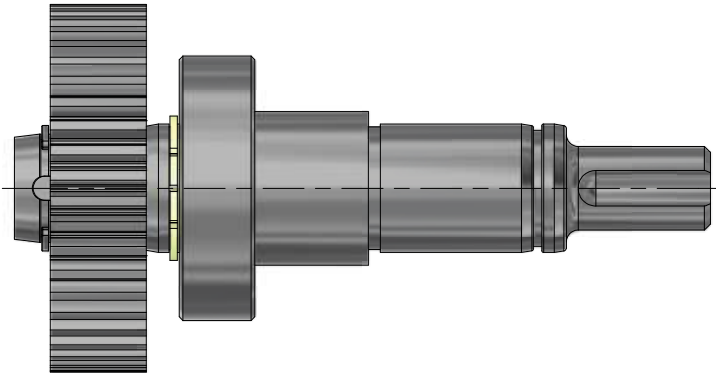
REV
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1.5:1

SHEET 5 OF 5

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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
ALL	A	ECO-25009, INITIAL RELEASE TO PRODUCTION	03/26/2025	ISD



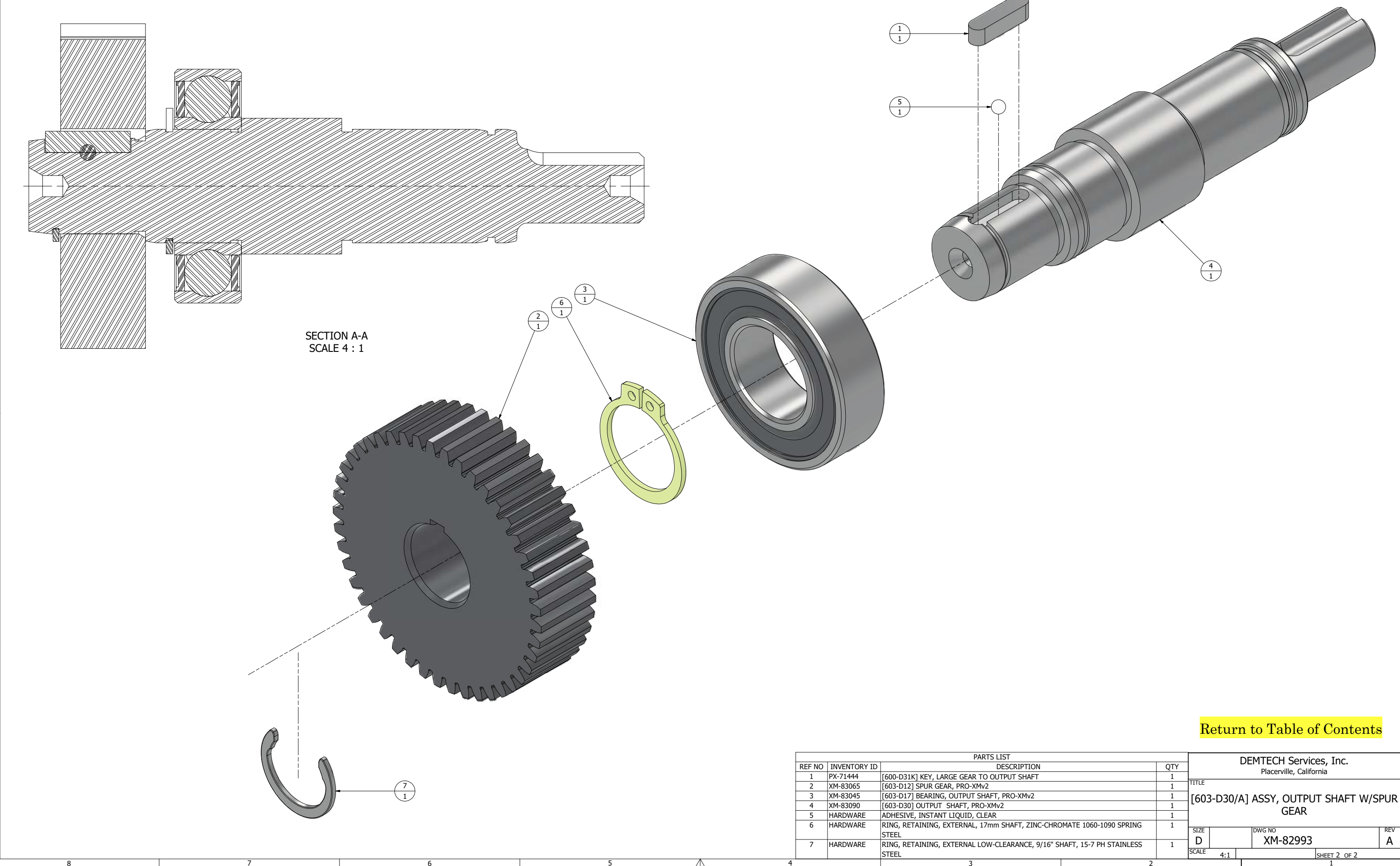
[Return to Table of Contents](#)

1. THE BALLOON SYMBOL, Θ , CONTAINS THE REFERENCE NUMBER (REF NO) AND QUANTITY (QTY) OF A SPECIFIED COMPONENT IN THIS ASSY. THE UPPER DIGIT IS THE REF NO AND THE LOWER DIGIT IS THE QTY REQUIRED FOR THIS ASSY.

NOTES (UNLESS OTHERWISE SPECIFIED):

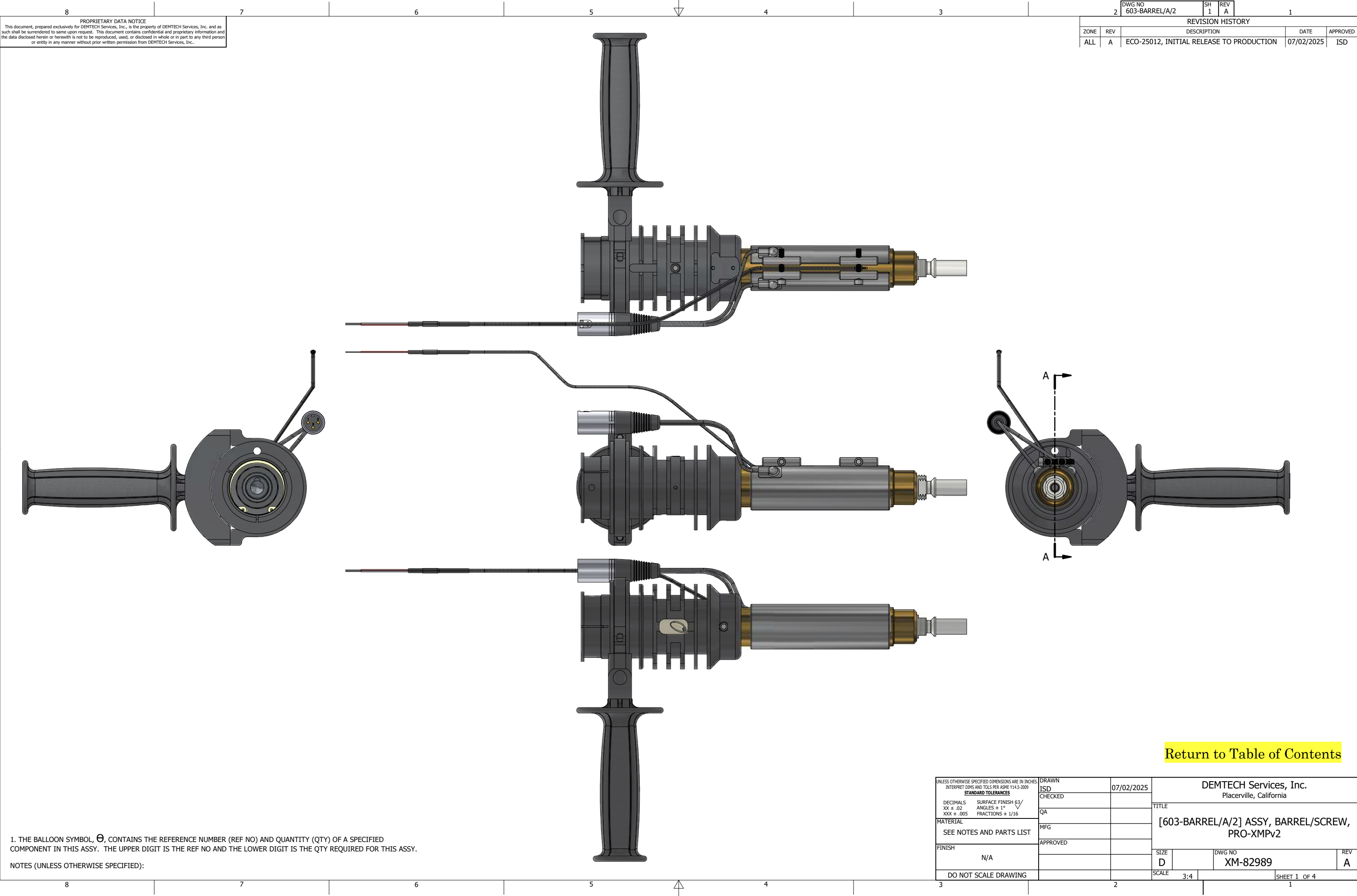
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET DIMS AND TOLS PER ASME Y14.5-2009		DRAWN ISD	03/26/2025	DEMTECH Services, Inc. Placerville, California	
STANDARD TOLERANCES		CHECKED		TITLE	
DECIMALS XX ± .02 XXX ± .005	SURFACE FINISH 63/ ANGLES ± 1° FRACTIONS ± 1/16	QA		[603-D30/A] ASSY, OUTPUT SHAFT W/SPUR GEAR	
MATERIAL SEE NOTES AND PARTS LIST		MFG		SIZE D	DWG NO XM-82993
FINISH N/A		APPROVED		REV A	
DO NOT SCALE DRAWING				SCALE 2:1	SHEET 1 OF 2

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PARTS LIST				DEMTECH Services, Inc. Placerville, California		
REF NO	INVENTORY ID	DESCRIPTION	QTY	TITLE		
1	PX-71444	[600-D31K] KEY, LARGE GEAR TO OUTPUT SHAFT	1	[603-D30/A] ASSY, OUTPUT SHAFT W/SPUR GEAR		
2	XM-83065	[603-D12] SPUR GEAR, PRO-XMv2	1			
3	XM-83045	[603-D17] BEARING, OUTPUT SHAFT, PRO-XMv2	1			
4	XM-83090	[603-D30] OUTPUT SHAFT, PRO-XMv2	1			
5	HARDWARE	ADHESIVE, INSTANT LIQUID, CLEAR	1			
6	HARDWARE	RING, RETAINING, EXTERNAL, 17mm SHAFT, ZINC-CHROMATE 1060-1090 SPRING STEEL	1	SIZE D	DWG NO XM-82993	REV A
7	HARDWARE	RING, RETAINING, EXTERNAL LOW-CLEARANCE, 9/16" SHAFT, 15-7 PH STAINLESS STEEL	1	SCALE 4:1	SHEET 2 OF 2	



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2		DWG NO 603-BARREL/A/2	SH 1	REV A	1	
REVISION HISTORY						
ZONE	REV	DESCRIPTION			DATE	APPROVED
ALL	A	ECO-25012, INITIAL RELEASE TO PRODUCTION			07/02/2025	ISD

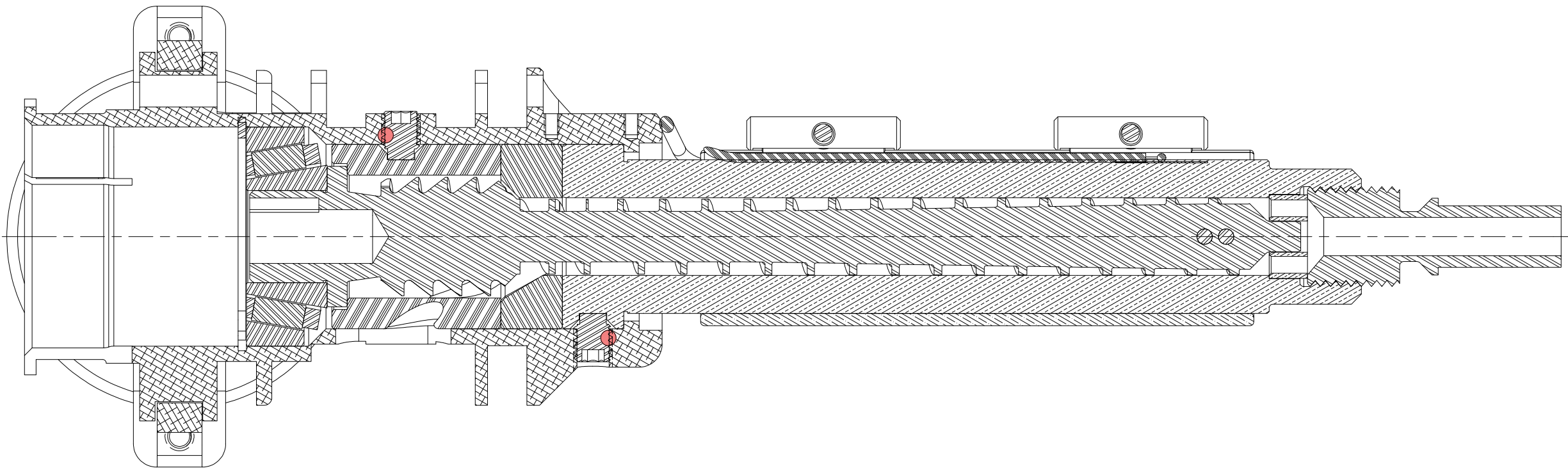
1. THE BALLOON SYMBOL, Θ , CONTAINS THE REFERENCE NUMBER (REF NO) AND QUANTITY (QTY) OF A SPECIFIED COMPONENT IN THIS ASSY. THE UPPER DIGIT IS THE REF NO AND THE LOWER DIGIT IS THE QTY REQUIRED FOR THIS ASSY.

NOTES (UNLESS OTHERWISE SPECIFIED):

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET DIMS AND TOLS PER ASME Y14.5-2009 STANDARD TOLERANCES		DRAWN ISD	07/02/2025	DEMTECH Services, Inc. Placerville, California	
DECIMALS XX ± .02 XXX ± .005	SURFACE FINISH 63/ ANGLES ± 1° FRACTIONS ± 1/16	CHECKED		TITLE	
MATERIAL SEE NOTES AND PARTS LIST		QA		[603-BARREL/A/2] ASSY, BARREL/SCREW, PRO-XMPv2	
FINISH N/A		MFG		SIZE D	DWG NO XM-82989
DO NOT SCALE DRAWING		APPROVED		REV A	
		SCALE 3:4		SHEET 1 OF 4	

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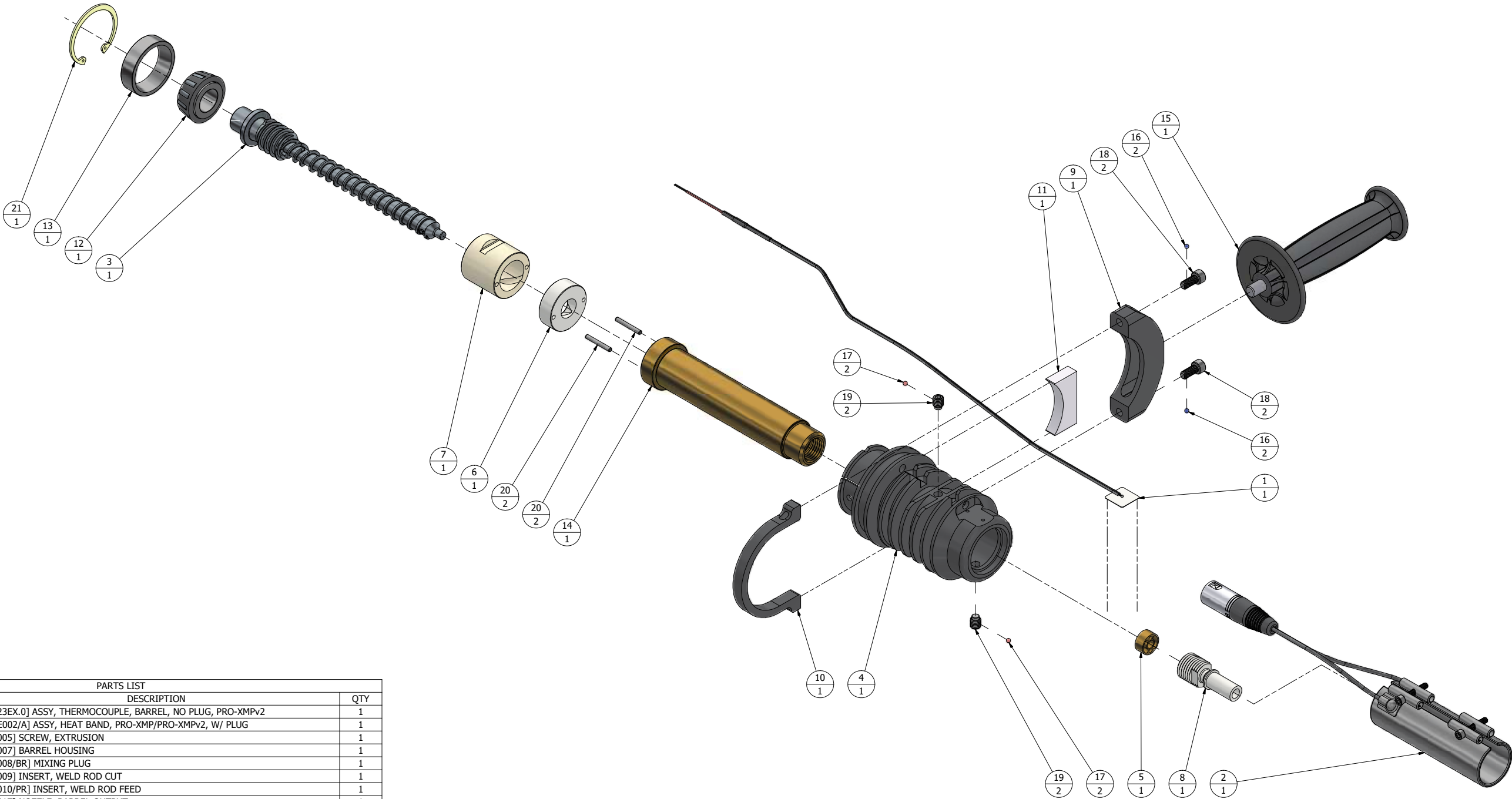
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SCALE 2 : 1

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DEMTECH Services, Inc. Placerville, California			
TITLE [603-BARREL/A/2] ASSY, BARREL/SCREW, PRO-XMPv2			
SIZE D	DWG NO XM-82989		REV A
SCALE 2:1	SHEET 3 OF 4		

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PARTS LIST			
REF NO	INVENTORY ID	DESCRIPTION	QTY
1	PX-71313	[600-23EX.0] ASSY, THERMOCOUPLE, BARREL, NO PLUG, PRO-XMPv2	1
2	XM-13001	[603-E002/A] ASSY, HEAT BAND, PRO-XMP/PRO-XMPv2, W/ PLUG	1
3	XM-71466	[605-005] SCREW, EXTRUSION	1
4	XM-71470	[605-007] BARREL HOUSING	1
5	XM-71472	[605-008/BR] MIXING PLUG	1
6	XM-71474	[605-009] INSERT, WELD ROD CUT	1
7	XM-71477	[605-010/PR] INSERT, WELD ROD FEED	1
8	XM-71494	[605-017] NOZZLE, BARREL OUTPUT	1
9	XM-71498	[605-020] BRACKET, GRIP HANDLE	1
10	XM-71500	[605-021] CLAMP, GRIP HANDLE	1
11	XM-71502	[605-022] GIB, GRIP HANDLE	1
12	XM-71508	[605-028] BEARING, TAPERED ROLLER	1
13	XM-71509	[605-029] RING, OUTER, TAPERED ROLLER	1
14	XM-71515	[605-050/BR] BARREL, BRONZE, PRO-XMPv2	1
15	XM-71585	[605-D46] HANDLE, DRILL MOTOR	1
16	HARDWARE	ADHESIVE, THREADLOCKING LIQUID, BLUE, THICK MEDIUM STRENGTH	2
17	HARDWARE	ADHESIVE, THREADLOCKING LIQUID, RED	2
18	HARDWARE	SCREW, M6 X 1 X 14mm LONG, SOCKET HEAD CAP, 18-8 STAINLESS STEEL	2
19	HARDWARE	SCREW, SET, M8 X 1.25 X 10mm LONG, ALLEN SOCKET EXTENDED DOG POINT, 18-8 STAINLESS STEEL	2
20	HARDWARE	PIN, DOWEL, 1/8" DIA X 1" LONG, 416 STAINLESSS STEEL	2
21	HARDWARE	RING, RETAINING, INTERNAL, 1-3/4" HOUSING, ZINC CHROMATE STEEL	1

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DEMTECH Services, Inc.
Placerville, California

TITLE

[603-BARREL/A/2] ASSY, BARREL/SCREW,
PRO-XMPv2

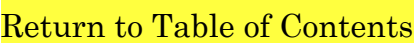
SIZE
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DWG NO
XM-82989

REV
A

SCALE
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SHEET 4 OF 4

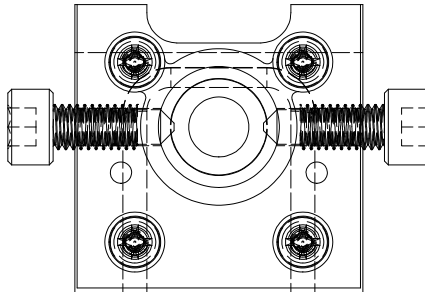
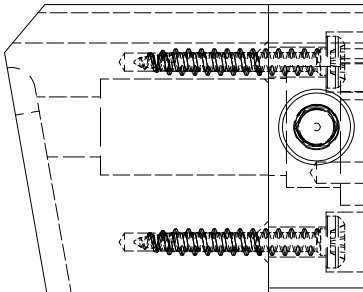
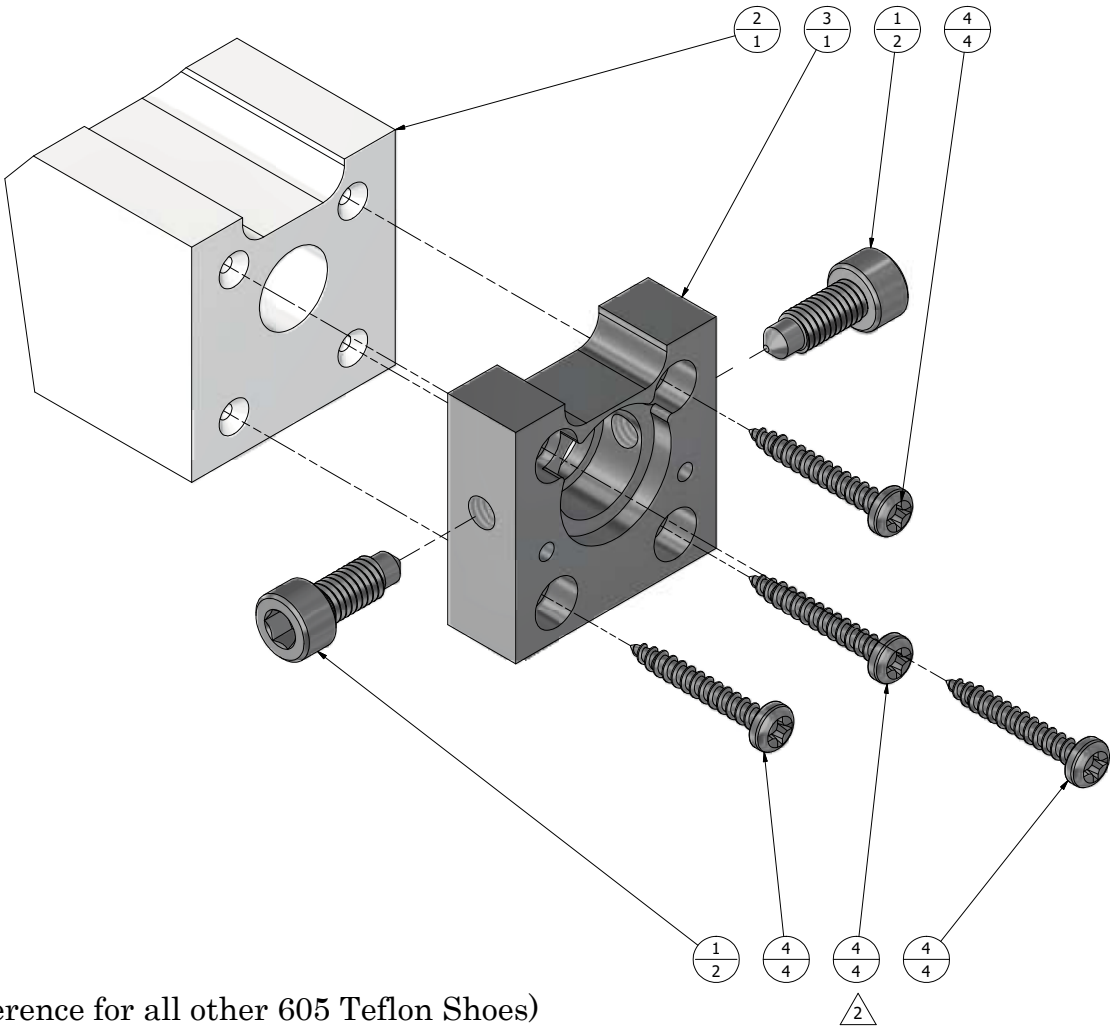
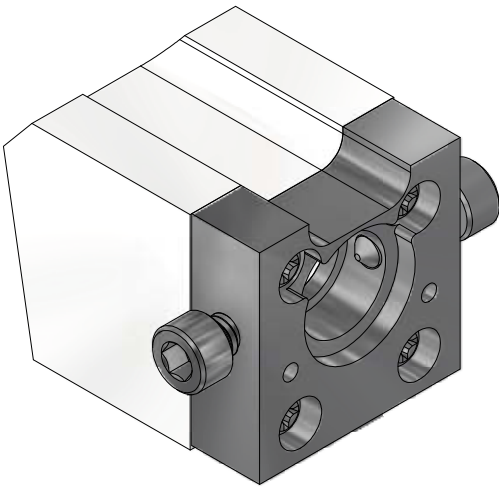
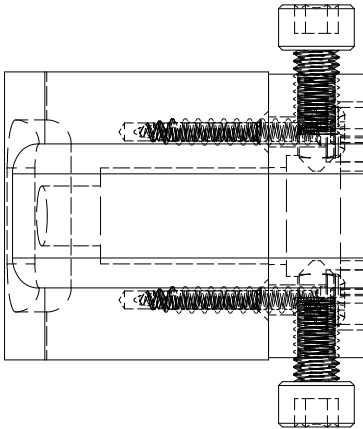


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET DIMS AND TOLS PER ASME Y14.5-2009		DRAWN		08/06/2025		DEMTECH Services, Inc. Placerville, California	
STANDARD TOLERANCES		FRK				TITLE	
DECIMALS SURFACE FINISH 63/100 ✓ XX ± .005 ANGLES ± 1° XXX ± .005 FRACTIONS ± 1/16		CHECKED					
MATERIAL		QA					
SEE PARTS LIST		MFG				[TS-605-XXXXX] ASSY'S, OPTIONAL TEFLON SHOES	
FINISH		APPROVED				SIZE	
N/A						D	
						DWG NO	
						DOC-0020	
DO NOT SCALE DRAWING						REV	
						A	
						SCALE	
						1:1	
						SHEET 1 OF 1	

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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
ALL	A	INITIAL RELEASE	06/17/2013	ISD
ALL	B	ECO-20008,ADD SCREW TORQUE SPECIFICATION	09/09/2020	ISD

All 605 Teflon Shoe Assemblies
take the same mount and
hardware



(Assembly Reference for all other 605 Teflon Shoes)

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2. DURING INSTALLATION TORQUE ALL PAN HEAD SELF-TAPPING SCREWS TO 10±1 IN-LB.

NOTES (UNLESS OTHERWISE SPECIFIED):

1. THE BALLOON SYMBOL, Θ , CONTAINS THE REFERENCE NUMBER (REF NO) AND QUANTITY (QTY) OF A SPECIFIED COMPONENT IN THIS ASSY. THE UPPER DIGIT IS THE REF NO AND THE LOWER DIGIT IS THE QTY REQUIRED FOR THIS ASSY.

NOTES (UNLESS OTHERWISE SPECIFIED):

PARTS LIST			
REF NO	INVENTORY ID	DESCRIPTION	QTY
1	TS-72875	[TS-605-018] SCREW, TEFLON SHOE MOUNT	2
2	TS-72888	[TS-605-60] SHOE, TEFLON, Overlap For 1.0-2.0mm (40-80 mil) Sheet Thickness	1
3	TS-72891	[TS-605-M] MOUNT, TEFLON SHOE	1
4	HARDWARE	SCREW, #6-13 X 1" LONG, PAN HEAD PHILLIPS, 410 STAINLESS STEEL	4

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET DIMS AND TOLS PER ASME Y14.5-2009		DRAWN ISD	06/17/2013	DEMTECH Services, Inc. Placerville, California	
STANDARD TOLERANCES		CHECKED		TITLE	
DECIMALS XX ± .02	SURFACE FINISH 63/	QA		[TS-605-60/A] ASSY, TEFLON SHOE,	
XXX ± .005	ANGLES ± 1°	MFG		Overlap, For 1.0-2.0mm (40-80 mil) Sheet	
FRACTIONS ± 1/16	FRACTIONS ± 1/16	APPROVED		Thickness	
MATERIAL SEE PARTS LIST				SIZE D	DWG NO TS-14125
FINISH N/A				REV B	
DO NOT SCALE DRAWING		SCALE 2:1		SHEET 1 OF 1	