



AstroJet™ M1-C

Color Label Printer



Parts Manual

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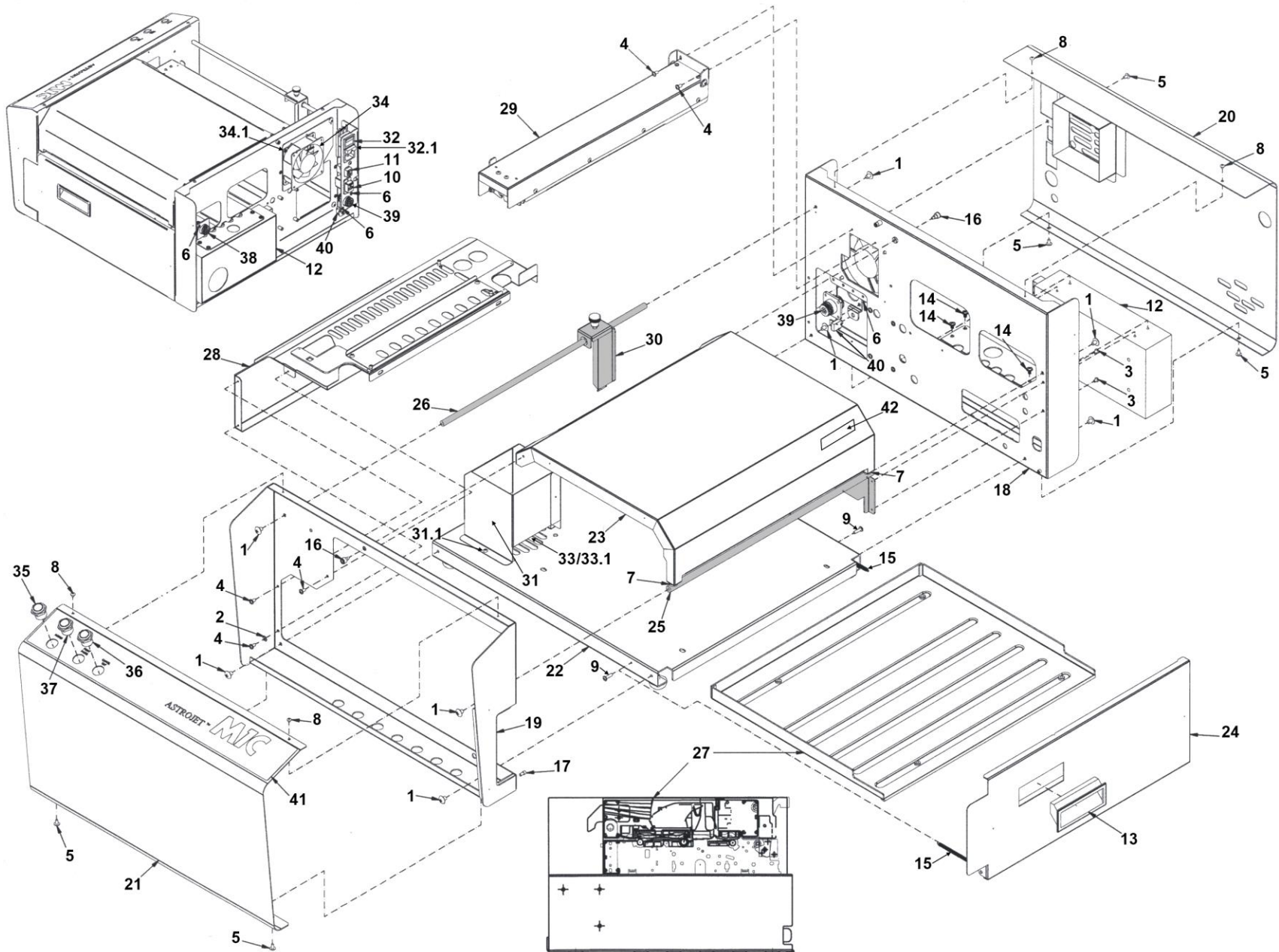
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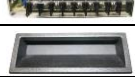
Table of Contents

GROUP 1 – MECHANICAL ASSEMBLY	4
GROUP 2 – PRINT ENGINE – FRONT	8
GROUP 2.1 – PRINT ENGINE – REAR	10
GROUP 2.2 – PRINT ENGINE COMPONENTS	12
GROUP 2.3 – PRINT ENGINE COMPONENTS	14
GROUP 2.4 – PRINT ENGINE PRINTED CIRCUIT BOARDS	16
GROUP 2.5 – PRINT ENGINE MAIN UPPER PLATEN ASSEMBLY	18
GROUP 3 – CENTER PLATE ASSEMBLY	19
GROUP 4 – TOP CENTER CHAMBER ASSEMBLY	21
GROUP 5 – UNWINDER	23
GROUP 5A – UNWINDER REEL SHAFT ASSEMBLY	26
GROUP 5B – UNWINDER ARM ASSEMBLY	28
GROUP 5C – UNWINDER MOTOR BRACKET ASSEMBLY	30
GROUP 5D – UNWINDER BODY SUBASSEMBLY	32
GROUP 6 – WINDER	34
GROUP 6A – WINDER REEL SHAFT ASSEMBLY	37
GROUP 6B – WINDER ARM & SPRING LEVER ASSEMBLIES	40
GROUP 6C – WINDER MOTOR BRACKET ASSEMBLY	42
GROUP 6D – WINDER BODY SUBASSEMBLY	44
GROUP 7 – ELECTRICAL (PRINT ENGINE)	46
CONSUMABLES, NORMAL WEAR AND SPARE PARTS	48
INDEX	49

GROUP 1 MECHANICAL ASSEMBLY



GROUP 1 MECHANICAL ASSEMBLY

KEY		PART NO.	DESCRIPTION	QTY
1		123-0017	SCREW, 10-32 x 1/4 TRUSS HEAD, PH	8
2		123-0252	LOCK WASHER, #6 EXTERNAL TOOTH	1
3		123-0461	SCREW, 6-32 x 3/16 ROUND HD., PH, SS	2
4		123-0612	SCREW, 6-32 x 1/4 PAN HD., SS	8
5		123-1135	SCREW, 6-32 x 1/4 TRUSS HD., PH, SS	5
6		123-1178	SCREW, 6-32 x 1/4 FL HD. PH, UNDERCUT	4
7		123-1257	BUMPER, MOLDED URETHANE 2001CL	2
8		123-1323	SCREW, 4-40 x 1/8 TRUSS HD., PH, SS	4
9		123-2007	SCREW, 6-32 x 1/2 PAN HD., PH, SS	2
10		123-2386	USB PORT	1
11		123-2387	ETHERNET CAT5 PORT	1
12		123-2395	POWER SUPPLY, 24V, 320W	1
13		123-2438	HANDLE, SNAP-IN 3-1/2 x 1-1/2	1
14		123-2455	SCREW, METRIC M4, PAN HD., PH	4

KEY		PART NO.	DESCRIPTION	QTY
15		20-100-227	SPRING, INK TANK DOOR	2
16		42-100-21	PIVOT SCREW	2
17		42-101-13	STUD, 6-32	1
18		42-300-04	REAR SIDE FRAME ASSEMBLY	1
19		42-300-06	FRONT SIDE FRAME ASSEMBLY	1
20		42-300-08	REAR SIDE FRAME COVER WELDMENT	1
21		42-300-10	FRONT SIDE FRAME COVER	1
22		42-300-16	MOTOR BASE ASSEMBLY	1
23		42-300-17	TOP COVER WELDMENT	1
24		42-300-31	BOTTOM CLOSURE WELDMENT	1
25		42-300-35	EXIT CROSS BAR ASSEMBLY	1
26		42-300-36	CROSS BAR	1
27		42-900-110	MEMJET™ ENGINE ASSEMBLY (GROUP 2, 2.1, 2.2, 2.3, 2.4)	1
27		42-110-92	PRINT ENGINE BASE ASSEMBLY	1

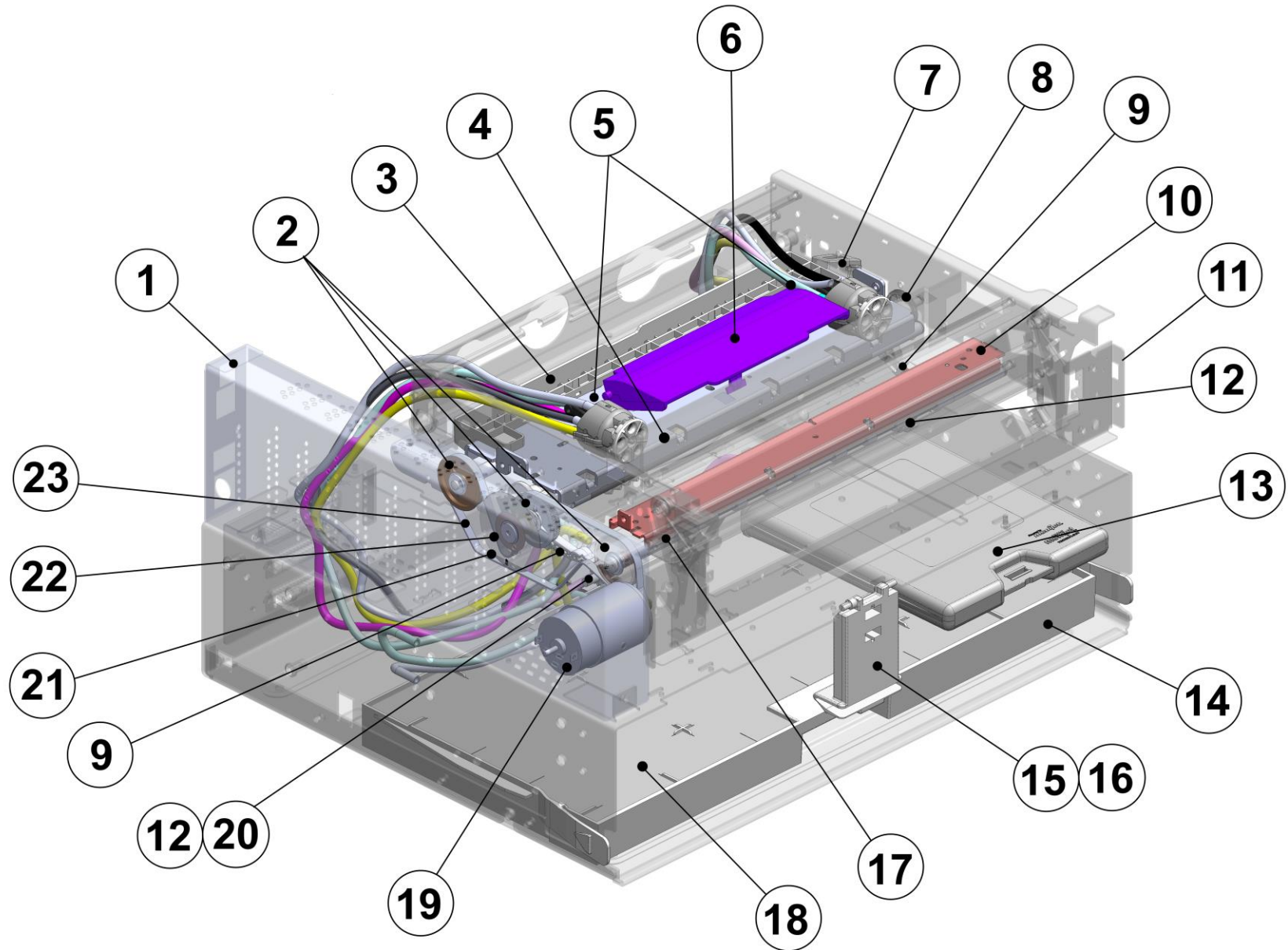
GROUP 1 MECHANICAL ASSEMBLY

KEY		PART NO.	DESCRIPTION	QTY
28		42-302-02	CENTER PLATE ASSEMBLY (SEE GROUP 3)	1
29		42-302-10	TOP CENTER CHAMBER ASSEMBLY (SEE GROUP 4)	1
30		42-302-18	SIDE GUIDE ASSEMBLY	1
31		42-302-20	FAN CHAMBER WELDMENT	1
31.1		123-0017	SCREW, 10-32 x 1/4 PH TRUSS HD. SS	2
32		42-530-01	POWER INLET ASSEMBLY	1
32.1		123-1398	2.5 AMP SLO-BLO FUSE (POWER INLET ASSY.) NOTE: SPARE FUSE SUPPLIED IN FUSE HOLDER	2
33		42-500-08	FAN ASSEMBLY #1 (BOTTOM)	1
33.1		123-2452	SCREW, 12-24 x 3/8 PAN HD. SS	4
34		42-500-14	FAN ASSEMBLY #2 (SIDE)	1
34.1		123-2409	SCREW, 6-32 x 5/16 PAN HD. SS	2

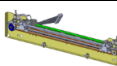
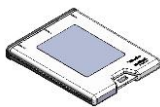
KEY		PART NO.	DESCRIPTION	QTY
35		42-500-19	POWER SWITCH ASSEMBLY (SEE GROUP 7)	1
36		42-530-210	CANCEL SWITCH ASSEMBLY (SEE GROUP 7)	1
37		42-530-220	PAPER SWITCH ASSEMBLY (SEE GROUP 7)	1
38		42-530-30	PRINTER INTERFACE PORT ASSEMBLY (WINDER)	1
39		42-530-31	PRINTER INTERFACE PORT ASSEMBLY (UNWINDER)	1
40		42-530-32	SERVICE PORT INTERFACE CABLE	1
41		42-550-21	DECAL, CONTROL PANEL OVERLAY	1
42		42-550-15	DECAL, "POWERED BY MEMJET®"	

GROUP 1
MECHANICAL ASSEMBLY

GROUP 2 PRINT ENGINE – FRONT

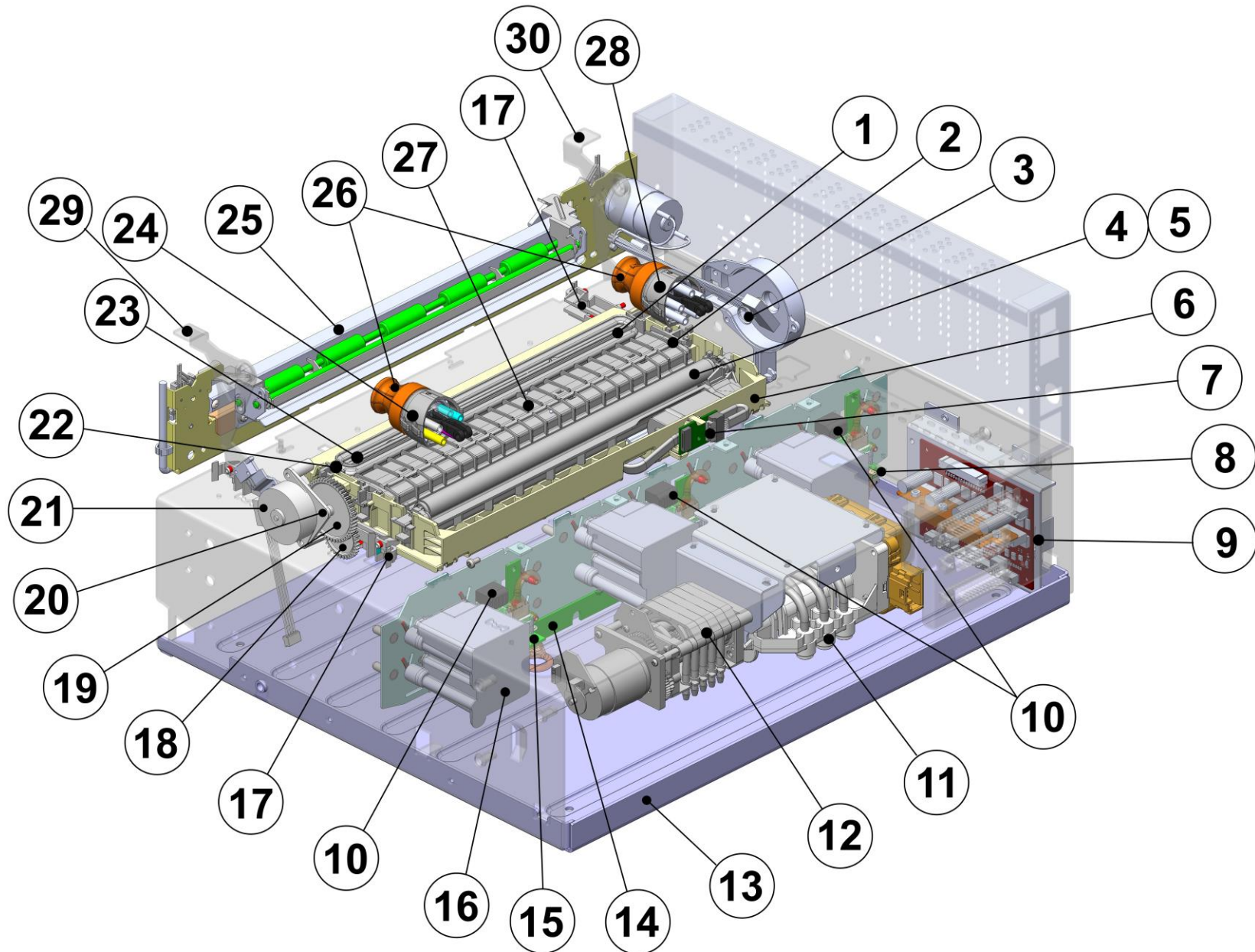


GROUP 2 PRINT ENGINE – FRONT

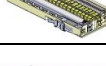
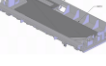
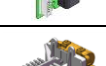
KEY		PART NO.	DESCRIPTION	QTY
1		42-900-110	PRINT ENGINE	1
2		123-2710	MAIN DRIVE SHAFT PULLEY	3
3		123-2594	UPPER MAIN PLATEN ASSY. SEE GROUP 3.5 FOR COMPONENTS	1
4		123-2686	PRIMARY GRIT SHAFT ASSEMBLY	1
5		123-2504	PRINTHEAD LATCH SPRING	2
6		42-900-45	PRINTHEAD LATCH ASSY. (COVER & WARNING LABEL – US, REPLACES 123-2494)	1
		42-900-50	PRINTHEAD LATCH ASSY. (COVER & WARNING LABEL – EUROPE, REPLACES 123-2494)	1
7		123-2521	LIFTER MOTOR	1
8		42-900-40	LIFT ARM GEAR KIT (INCL. GEAR & C-CLIP)	1
9		42-900-05	SERVICE STATION LIFTING ARMS KIT (INCLUDES RIGHT & LEFT ROCKER ARMS, 2 SPRINGS, AND 2 E-CLIPS)	1
10		123-2429	UPPER PLATEN WHEELS ASSEMBLY (DOUBLE WHEEL ASSEMBLY REPLACES OBSOLETE SINGLE WHEEL ASSEMBLY)	1
11		123-2604	CUTTER ASSEMBLY MODULE	1
12		123-2586	SMALL GEAR, SERVICE STATION DRIVE SHAFT (STEPPER MOTOR)	2
13		123-2412	INK CARTRIDGE – BLACK	2
		123-2413	INK CARTRIDGE – CYAN	1
		123-2414	INK CARTRIDGE – MAGENTA	1
		123-2415	INK CARTRIDGE – YELLOW	1

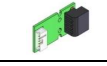
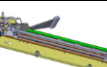
KEY		PART NO.	DESCRIPTION	QTY
14		123-2487	WASTE INK TRAY ASSEMBLY	1
15		123-2474	INK TANK LATCH (YELLOW)	1
16		123-2475	INK TANK LATCH (CYAN, MAGENTA, BLACK)	2
17		123-2687	SEGMENTED GRIT SHAFT	1
18		123-2491	WASTE INK TRAY PAD	1
19		123-2522	PAPER PATH MOTOR	1
20		123-2646	SERVICE STATION DRIVE SHAFT	1
21		123-2708	IDLER PULLEY	1
22		123-2739	ENCODER COVER.	1
		123-2740	ENCODER COVER MOUNTING SCREWS	3
		123-2741	ENCODER BEARING PLATE ASSEMBLY. (INCLUDES BEARING PLATE, BEARING, MOUNTING SCREWS & WASHERS)	1
		42-105-28	BRASS WASHER/SPACER (FITS ON SHAFT BEHIND ENCODER BEARING PLATE ASSEMBLY)	1
		123-2431	ENCODER WHEEL	1
		123-2432	ENCODER SENSOR PCA (PRINT ENGINE)	1
		123-2613	ENCODER MODULE SPRING	1
23		123-2446	DRIVE BELT	1
*		42-301-18	PRINT ENGINE ALIGNMENT GAUGES (REQUIRES 2)	2
	*NOT SHOWN			

GROUP 2.1
PRINT ENGINE – REAR

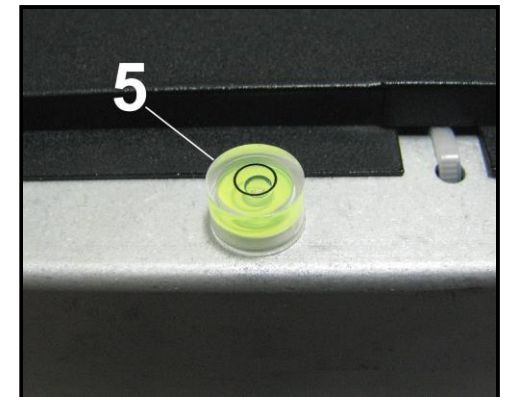
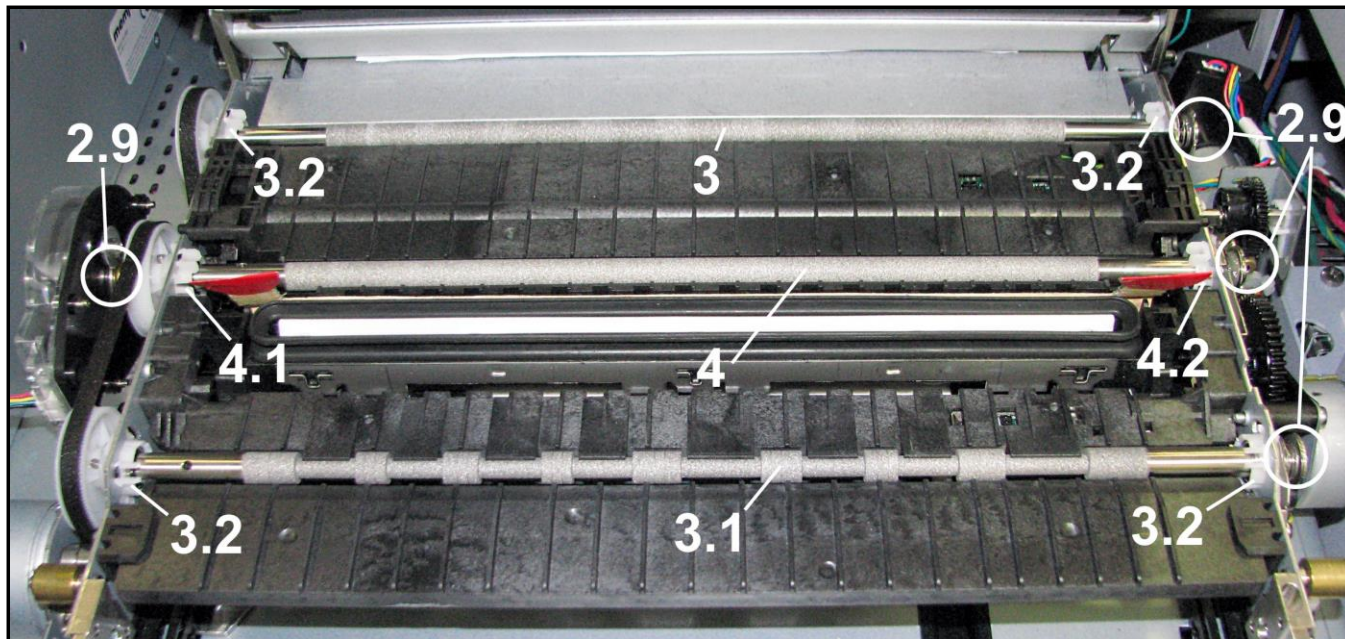
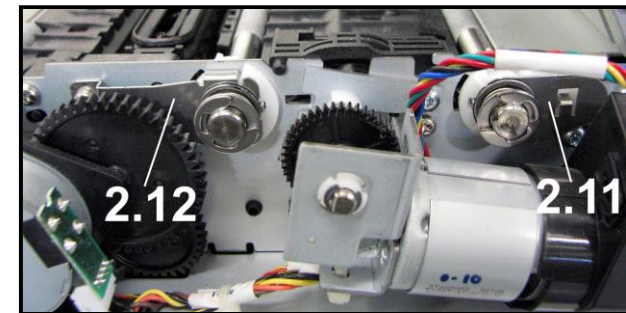
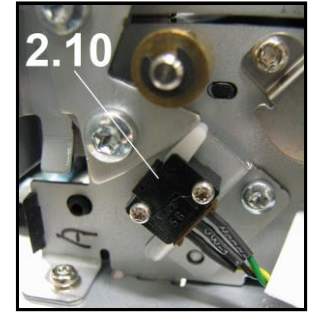
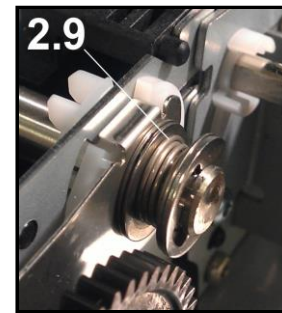
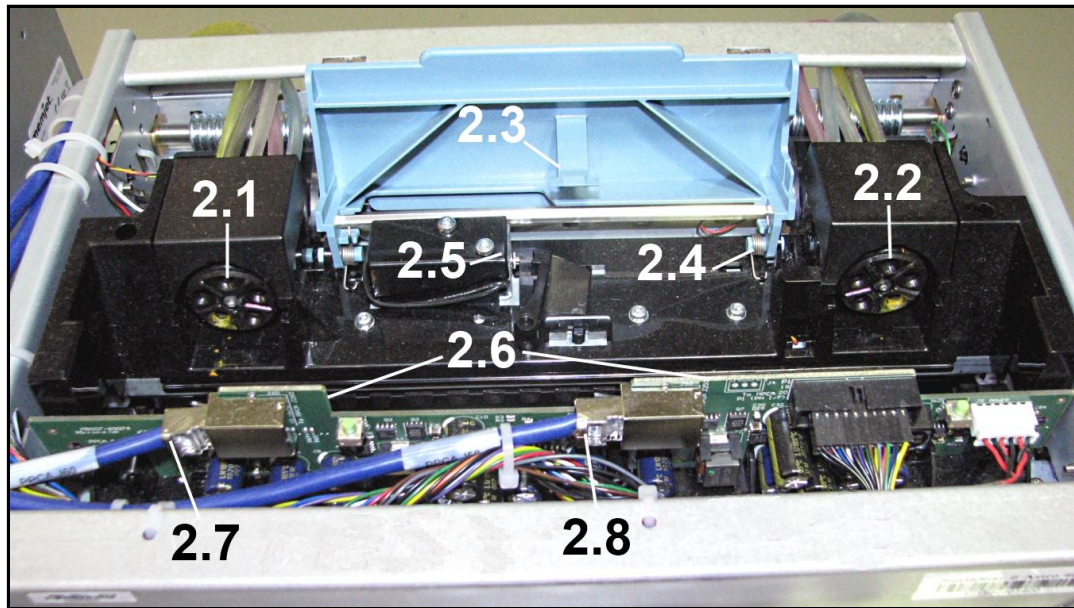


GROUP 2.1 PRINT ENGINE – REAR

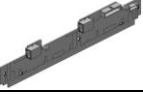
KEY		PART NO.	DESCRIPTION	QTY
1		123-2481	SERVICE STATION CAP MODULE	1
2		123-2482	SERVICE STATION PLATEN MODULE ASSY.	1
3		42-900-130	INCLUDES: THRUST SPRING, SHIM & RETAINING RING (REPLACES 123-2607)	1
4		123-2480	WIPER ROLLER	1
5		123-2478	WIPER MODULE W/MOTOR (INC. WIPER ROLLER)	1
6		123-2483	SERVICE STATION (REV C – WORKS WITH EITHER STYLE SERVICE STATION GUIDE)	1
6A		123-2636	SERVICE STATION TRAY AND WICK (REV C – WORKS WITH EITHER STYLE SERVICE STATION GUIDE)	1
7		123-2479	SERVICE STATION WIPER MOTOR PCA	1
8		123-2615	INK TANK INTERFACE TEMP. SENSOR (K2) PCA	1
9		123-2473	DPCA BOARD	1
10		123-2616	INK TANK INTRFC (CMY) PCA	3
11		123-2477	DUAL PINCH VALVE (W/HOSE CONNECTORS)	1
		42-900-85	DUAL PINCH VALVE SENSOR PC BOARD KIT (INCL. PC BOARD, 3 INSERTS AND PINCH VALVE WRENCH)	1
12		123-2515	PERISTALTIC PUMP (w/HOSE CONNECTORS)	1
		123-2495	HOSE CONNECTOR BARB (HOSE SPLICE BARB)	5
13		42-110-92	PRINT ENGINE BASE ASSEMBLY	1

KEY		PART NO.	DESCRIPTION	QTY
14		123-2617	INK TANK LEVEL PCA	1
15		123-2614	K1 INK TANK INTERFACE PCA	1
16		123-2484	BUFFER BOX	3
17		123-2546	SERVICE STATION TRACK	2
18		123-2585	MEDIUM GEAR, MOTOR SLED DRIVE (STEPPER MOTOR)	1
19		123-2576	LARGE GEAR, MOTOR SLED DRIVE (STEPPER MOTOR)	1
20		123-2528	BRACKET, MOTOR SLED DRIVE (STEPPER MOTOR)	1
21		123-2476	STEPPER MOTOR	1
22		123-2709	SERVICE STATION GEAR MUDFLAP	1
23		123-2711	SERVICE STATION WIPER ROLLER SQUEEGEE	1
24		42-900-10	INK REVOLVER, PUMP SIDE (INCLUDES HOSES AND COUPLINGS)	1
25		123-2604	CUTTER ASSEMBLY MODULE	1
26		123-2564	CAP PROTECTOR (PLASTIC SHIPPING CAPS)	2
27		123-2565	CAP RESTRAINER (CARDBOARD SHIPPING INSERT)	1
28		42-900-15	INK REVOLVER, VALVE SIDE (INCLUDES HOSES AND COUPLINGS)	1
29		123-2611	CLAMSHELL LATCH (RH)	1
30		123-2610	CLAMSHELL LATCH (LH)	1

GROUP 2.2 PRINT ENGINE COMPONENTS



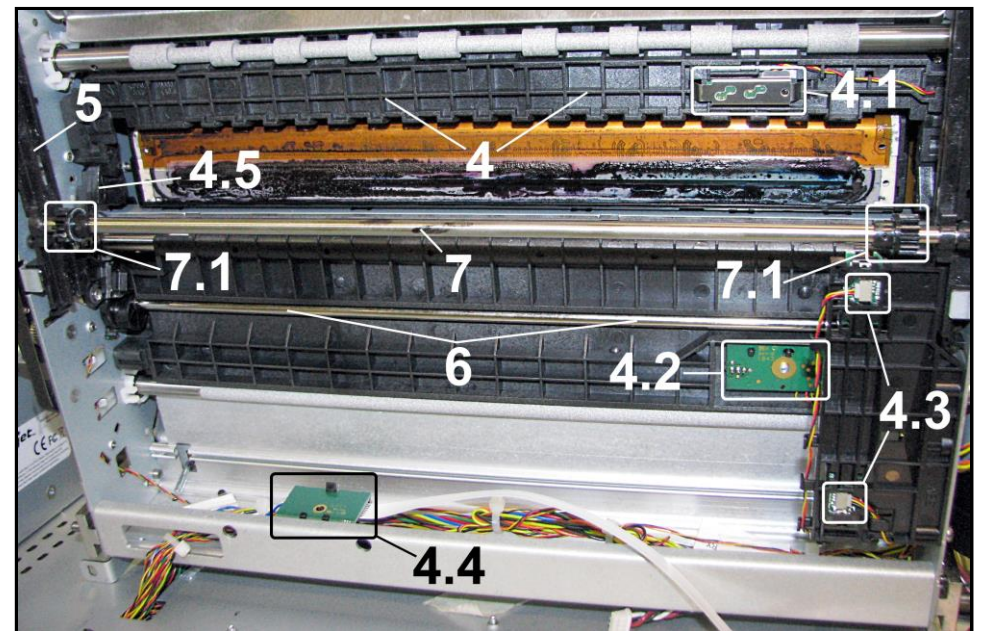
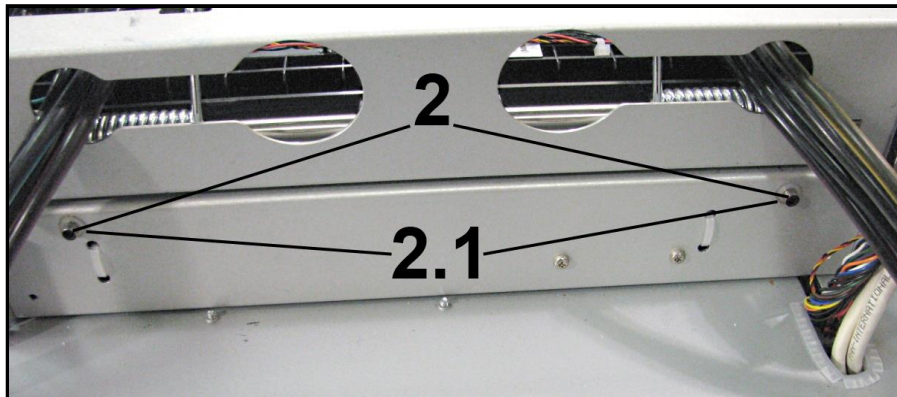
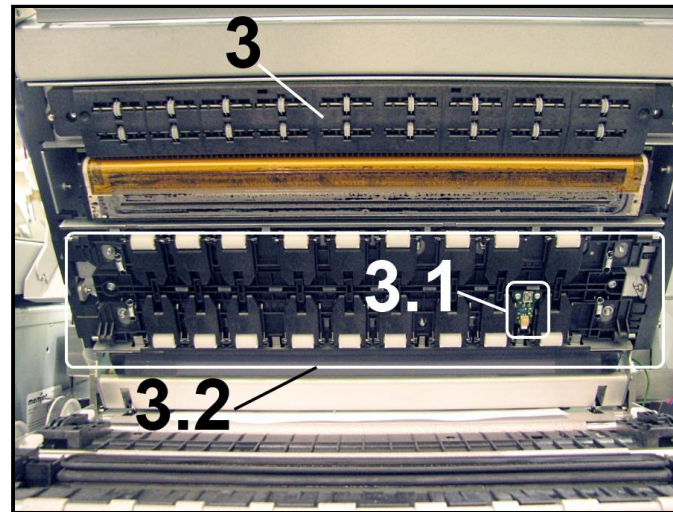
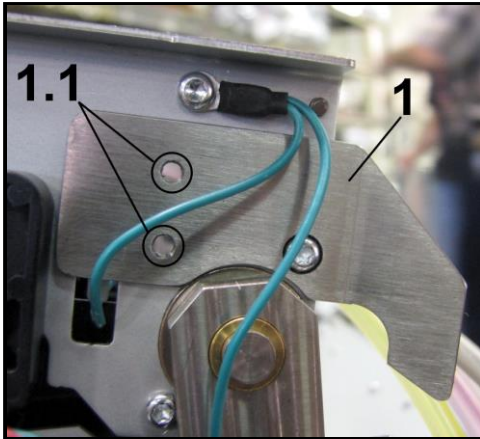
GROUP 2.2 PRINT ENGINE COMPONENTS

KEY		PART NO.	DESCRIPTION	QTY
PRINthead CARTRIDGE AREA				
2.1		42-900-15	INK REVOLVER, VALVE SIDE (INCLUDES HOSES AND COUPLINGS)	1
2.2		42-900-10	INK REVOLVER, PUMP SIDE (INCLUDES HOSES AND COUPLINGS)	1
2.3		42-900-45	PRINthead LATCH ASSY. (COVER & WARNING LABEL – US, REPLACES 123-2494)	1
		42-900-50	PRINthead LATCH ASSY. (COVER & WARNING LABEL – EUROPE, REPLACES 123-2494)	1
2.4		123-2504	PRINthead LATCH SPRING	2
2.5		123-2601	PRINthead LATCH SOLENOID	
2.6		123-2516	PEN DRIVER PCA SEE GROUP 2.4	1
2.7		123-2563	DATA CABLE, MPCA-PPCA 2	1
2.8		123-2562	DATA CABLE, MPCA-PPCA 1	1
2.9		42-900-130	INCLUDES: THRUST SPRING, SHIM & RETAINING RING (REPLACES 123-2607)	1
2.10		123-2557	CLAMSHELL SWITCH ASSEMBLY	1

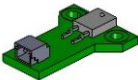
KEY		PART NO.	DESCRIPTION	QTY
PRINthead CARTRIDGE AREA				
2.11		123-2763	GROUNDING STRAP (FOR ENTRY GRIT SHAFT)	1
2.12		123-2764	GROUNDING STRAP (FOR ENCODER GRIT SHAFT)	1
3		123-2692	ENTRY GRIT SHAFT ASSEMBLY	1
3.1		123-2687	SEGMENTED GRIT SHAFT	1
3.2		*SEE BELOW (42-900-90)	ENTRY-OUTPUT BEARING ASSY. (FOR ENTRY & SEGMENTED GRIT SHAFTS)	4
4		123-2686	PRIMARY GRIT SHAFT ASSEMBLY	1
4.1		*SEE BELOW (42-900-90)	ENCODER SHAFT BALL BEARING HOUSING ASSY. (ENCODER/LEFT-SIDE)	1
4.2		*SEE BELOW (42-900-90)	ENCODER SHAFT BALL BEARING HOUSING ASSY. (RIGHT SIDE)	1
5		123-2725	BUBBLE GAUGE	1
*		42-900-90	GRIT SHAFT BEARINGS KIT FIT GRIT SHAFTS ABOVE (3, 3.1, 4): FOR ENTRY & SEGMENTED (x 4) FOR PRIMARY (ENCODER) (L & R)	

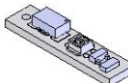
GROUP 2.3

PRINT ENGINE COMPONENTS

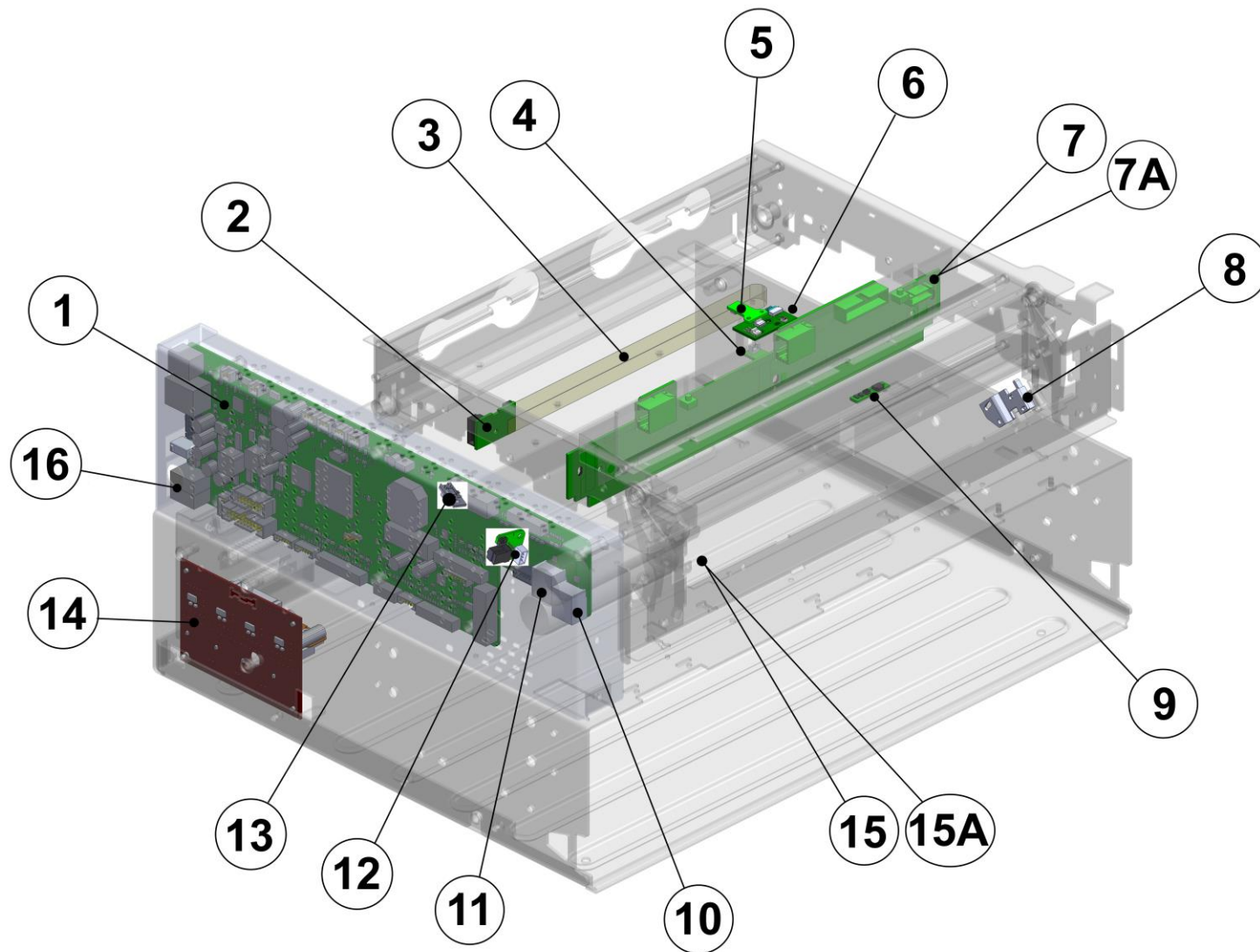


GROUP 2.3 PRINT ENGINE COMPONENTS

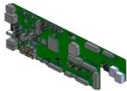
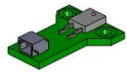
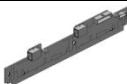
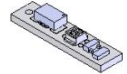
KEY		PART NO.	DESCRIPTION	QTY
1		42-110-35	ANGLE STOP BRACKET	1
1.1		123-2468	ALLEN HEAD SCREWS	2
EXTERNAL – FEED END				
2		42-101-13	STUD, 6-32	2
2.1		123-2270	FLAT NYLON WASHER	2
UNDER UPPER CLAMSHELL				
3		123-2429	UPPER PLATEN WHEELS ASSEMBLY <i>(DOUBLE WHEEL ASSEMBLY REPLACES OBSOLETE SINGLE WHEEL ASSEMBLY)</i>	2
3.1		123-2517	TOP ENTRY SENSOR	1
3.2		123-2594	UPPER MAIN PLATEN ASSEMBLY – SEE GROUP 3.5	1
3.3		123-2690	PLASTIC MEDIA GUIDE	1

KEY		PART NO.	DESCRIPTION	QTY
UNDER LOWER CLAMSHELL				
4		123-2602	LOWER INTERMEDIATE PLATEN	1
4.1		123-2519	EXIT SENSOR	1
4.2		123-2518	BOTTOM ENTRY SENSOR	1
4.3		123-2520	SERVICE STATION PCA SENSOR (2 FOR SERVICE STATION SENSORS (INDEX & HOME), 1 FOR SERVICE STATION LIFT SENSOR) SEE GROUP 2.4	3
4.4		123-2479	SERVICE STATION CONNECTOR PCA	1
4.4		123-2492	FLEX CABLE (CONNECTS TO 123-2479 (ABOVE) MOUNTED ON PRINT ENGINE FRAME)	1
4.5		42-900-05	SERVICE STATION LIFTING ARMS KIT (INCLUDES RIGHT & LEFT ROCKER ARMS, 2 SPRINGS, AND 2 E-CLIPS)	1
5		123-2546	SERVICE STATION TRACK	2
6		123-2577	CAM SHAFT ASSEMBLY	1
7		123-2646	SERVICE STATION DRIVE SHAFT	1
7.1		123-2586	SMALL GEAR, SERVICE STATION DRIVE SHAFT	3

GROUP 2.4
PRINT ENGINE PRINTED CIRCUIT BOARDS

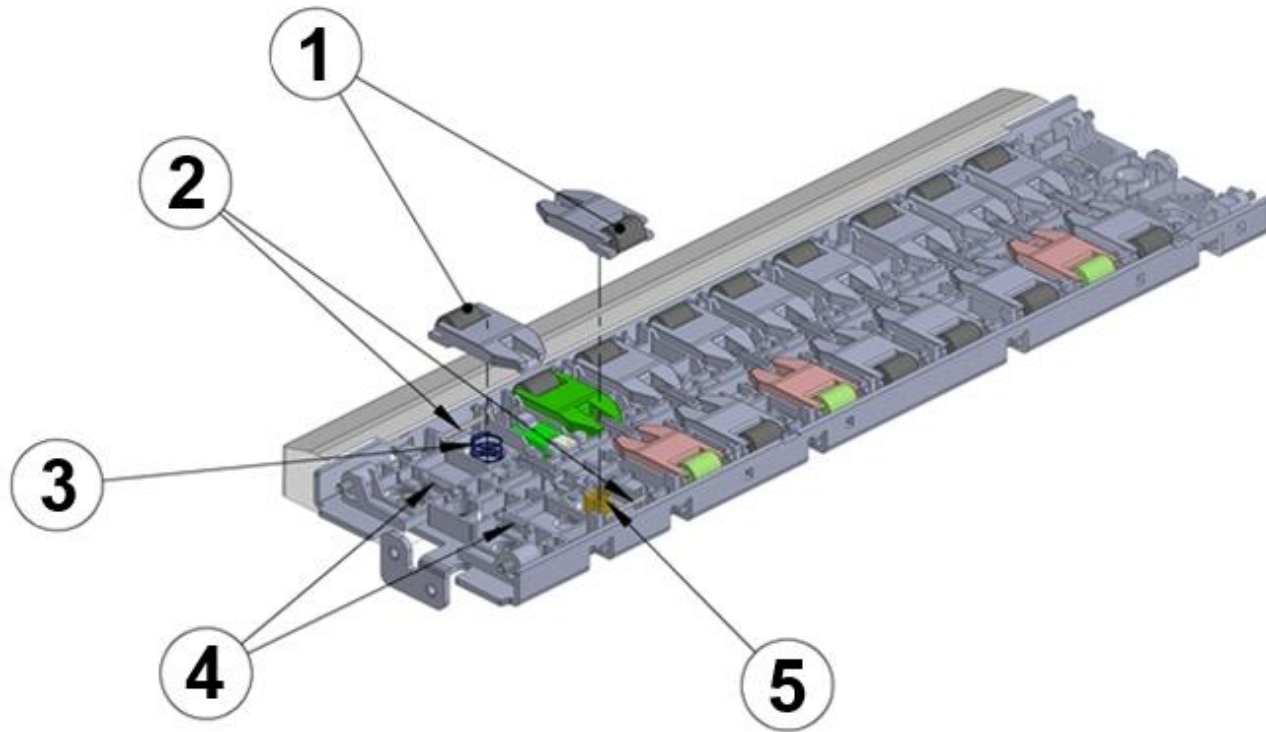


GROUP 2.4 PRINT ENGINE PRINTED CIRCUIT BOARDS

KEY		PART NO.	DESCRIPTION	QTY
1		42-530-200	MAIN PRINTED CIRCUIT BOARD	1
2		123-2479	SERVICE STATION CONNECTOR PCA	1
3		123-2492	FLEX CABLE (CONNECTS TO 123-2479 MOUNTED ON PRINT ENGINE FRAME) SEE #2 ABOVE OR GROUP 3.3	1
4		123-2614	K1 INK TANK INTERFACE PCA	1
5		123-2517	TOP ENTRY SENSOR	1
6		123-2518	BOTTOM ENTRY SENSOR	1
7		123-2516	PEN DRIVER PCA	1
7A		123-2732	PPCA COVER	1
8		123-2557	CLAMSHELL SWITCH ASSEMBLY	1
9		123-2519	EXIT SENSOR	1

KEY		PART NO.	DESCRIPTION	QTY
10		123-2563	DATA CABLE, MPCA-PPCA 2	1
11		123-2562	DATA CABLE, MPCA-PPCA 1	1
12		123-2432	ENCODER SENSOR PCA (PRINT ENGINE)	1
13		123-2520	SERVICE STATION PCA SENSOR (1 FOR SERVICE STATION LIFT SENSOR, 2 FOR SERVICE STATION POSITION SENSORS (INDEX & HOME), SEE GROUP 2.3	3
14		123-2473	DPCA CIRCUIT BOARD	1
15		42-900-25	SERVICE STATION GUIDE KIT (FOR UNITS WITH SERVICE STATION REV A OR B – OPEN INK TANK DOOR TO CHECK LABEL ON FRONT OF SERVICE STATION)	1
15A		42-900-26	NEW STYLE SERVICE STATION GUIDE KIT (FOR UNITS WITH SERVICE STATION REV C – OPEN INK TANK DOOR TO CHECK LABEL ON FRONT OF SERVICE STATION)	1
16		42-530-105	POWER SUPPLY CABLE (P1000 – MPCA TO POWER SUPPLY)	1

GROUP 2.5
PRINT ENGINE MAIN UPPER PLATEN ASSEMBLY

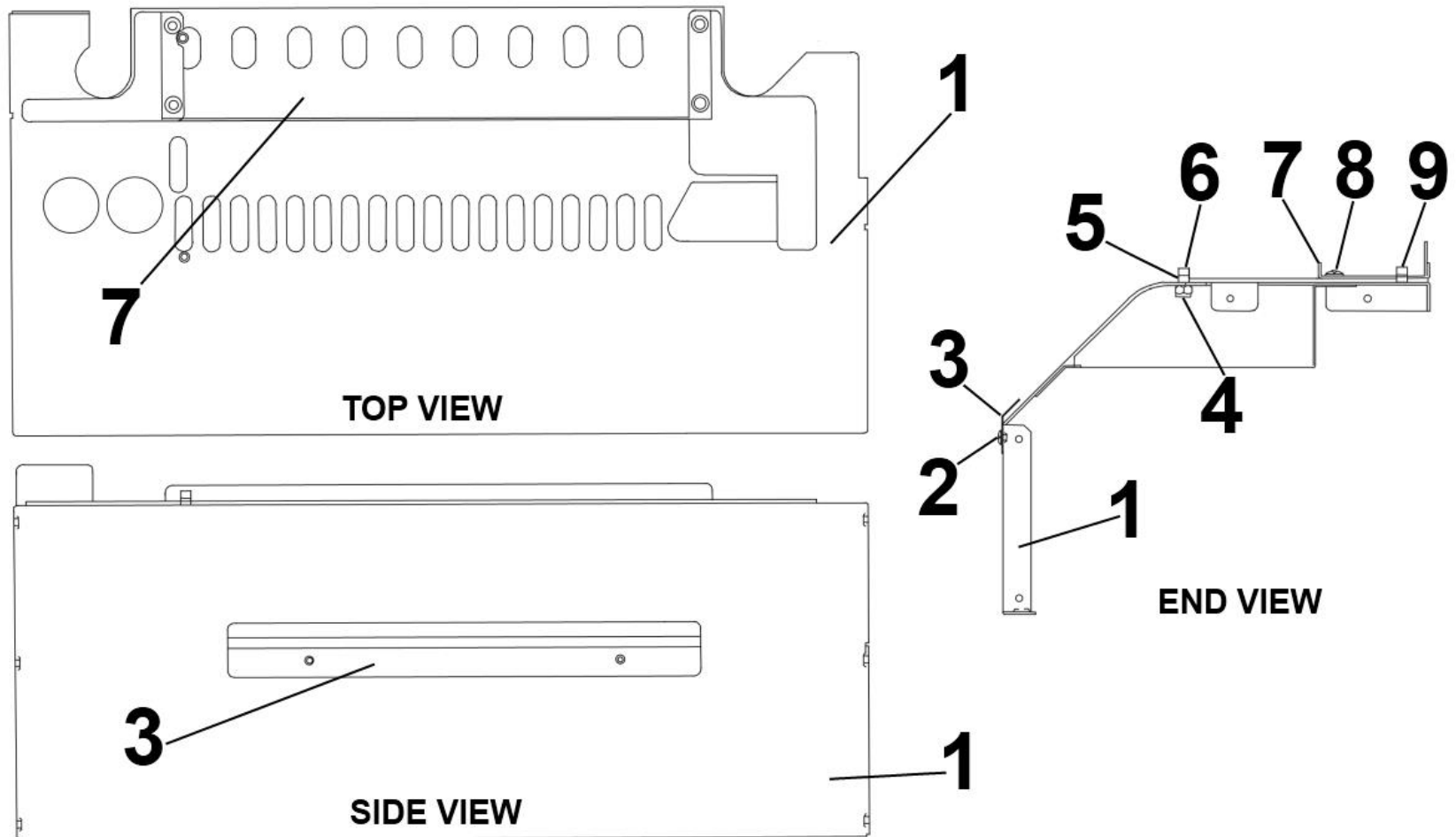


KEY		PART NO.	DESCRIPTION	QTY
		123-2594	UPPER MAIN PLATEN ASSEMBLY (INCLUDES PARTS LISTED BELOW)	1
1		123-2569	PINCH ROLLER	18
2		123-2570	PINCH ROLLER AXLE	18
3		123-2573	ENTRY PINCH SPRING	9
4		123-2574	UPPER PLATEN BIAS SPRING	4
5		123-2572	PINCH SPRING	9

GROUP 2.5
PRINT ENGINE MAIN UPPER PLATEN ASSEMBLY

GROUP 3
CENTER PLATE ASSEMBLY

42-302-02 Center Plate Assembly

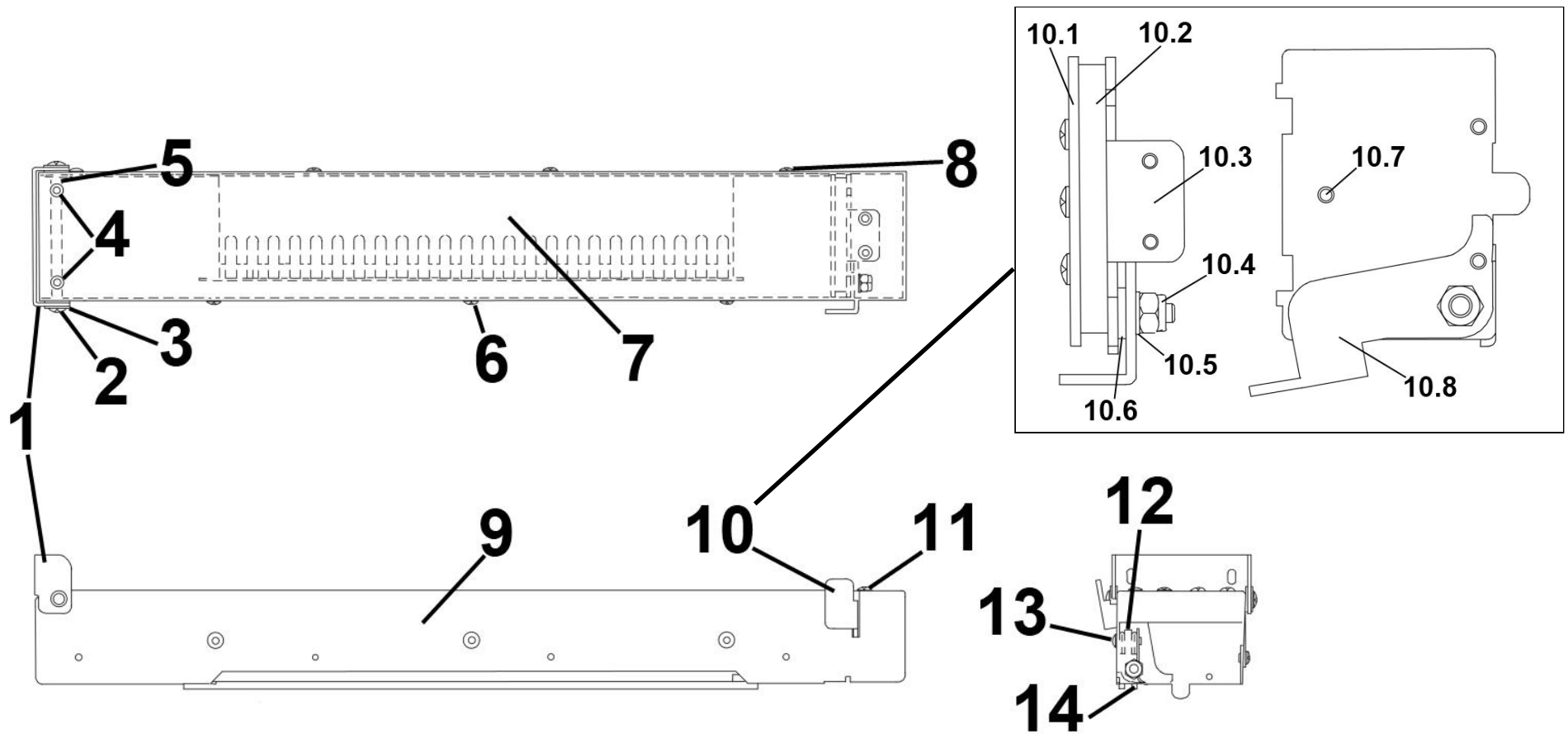


**GROUP 3
CENTER PLATE ASSEMBLY**

KEY		PART NO.	DESCRIPTION	QTY
		42-302-02	CENTER PLATE ASSEMBLY (INCLUDES ALL PARTS LISTED BELOW)	1
1		42-302-03	CENTER PLATE WELDMENT	1
2		123-1340	SCREW, 4-40 x 1/8 TRUSS HD., PH, SS	2
3		42-302-08	SIDE GUIDE GUARD	1
4		123-2273	LOCKNUT, 6-32 NYLON INSERT, SS	1
5		20-100-38	SPACER	2
6		20-100-36	SCREW (STOPPER)	1
7		42-302-14	TOP MEDIA GUIDE	1
8		123-0461	SCREW, 6-32 x 3/16 ROUND HD., PH, SS	4
9		42-101-13	STUD, 6-32	1

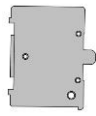
**GROUP 4
TOP CENTER CHAMBER ASSEMBLY**

42-302-10 Top Center Chamber Assembly



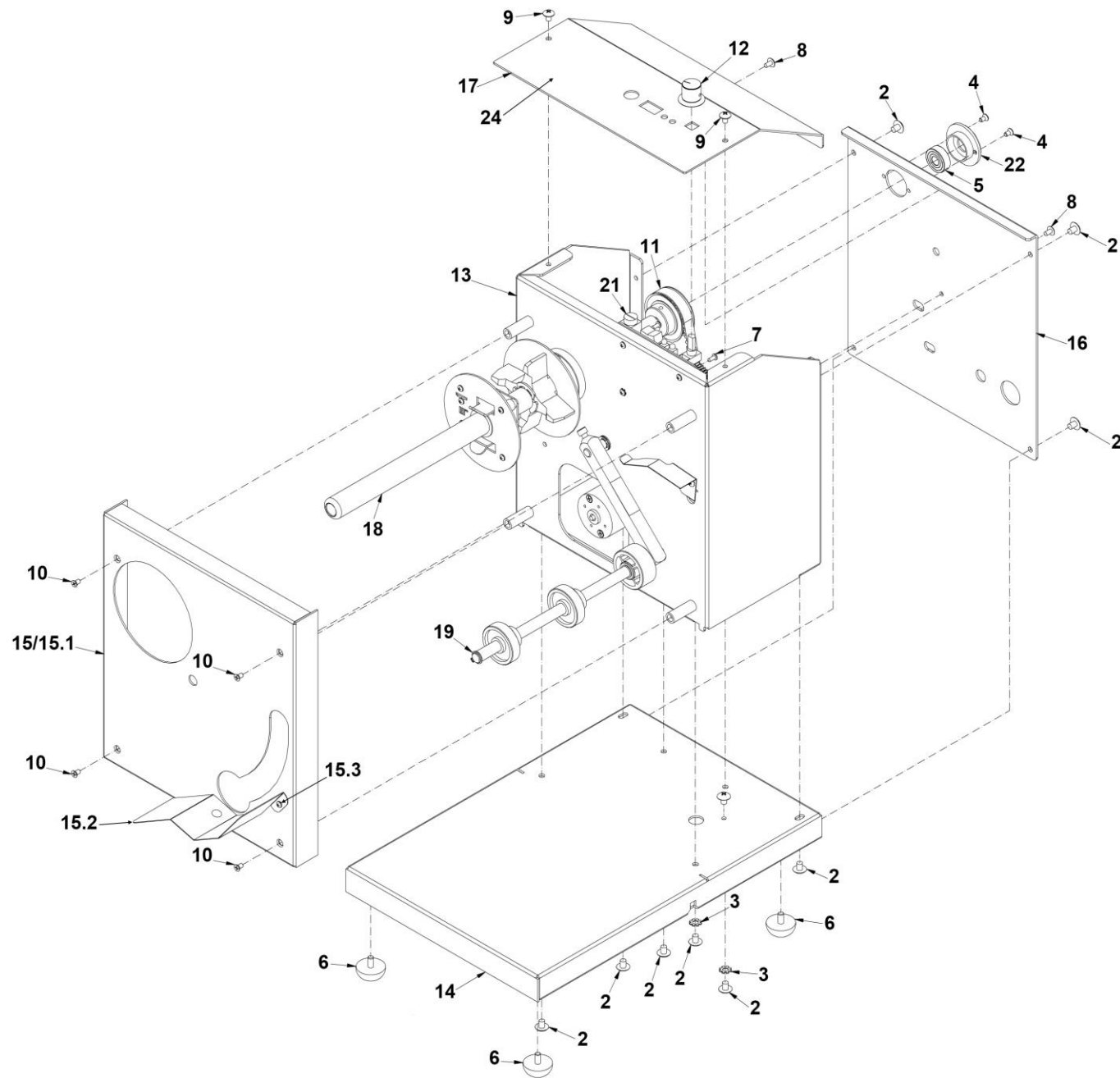
GROUP 4 TOP CENTER CHAMBER ASSEMBLY

KEY		PART NO.	DESCRIPTION	QTY
		42-302-10	TOP CENTER CHAMBER ASSEMBLY (INCLUDES ALL PARTS BELOW)	1
1		42-302-06	CHAMBER BRACKET	1
2		123-1135	SCREW, 6-32 x 1/4 TRUSS HD., PH, SS	2
3		123-0114	WASHER, 3/16 x 7/16 x 1/32 PLASTIC	4
4		123-0978	SCREW, 4-40 x 3/16 PAN HD, PH, SS	2
5		42-302-24	DUST COLLECTOR PIVOT	1
6		123-0928	SCREW, 4-40 x 1/2 BIND HD., PH	1
7		42-302-12	TOP CENTER CHAMBER BODY (INNER)	1
8		123-1340	SCREW, 4-40 x 1/8 TRUSS HD., PH, SS	6
9		42-302-11	TOP CENTER CHAMBER BODY (OUTER)	1

KEY		PART NO.	DESCRIPTION	QTY
10		42-302-36	CHAMBER LOCK ASSEMBLY (INCLUDES ALL PARTS BELOW)	1
10.1		42-302-39	CHAMBER LOCK MAGNET PLATE	1
10.2		94-100-31	MAGNET	1
10.3		42-302-35	CHAMBER LOCK GUIDE PLATE	1
10.4		123-2273	LOCKNUT, 6-32 NYLON INSERT, SS	1
10.5		123-2270	WASHER, FLAT NYLON	1
10.6		123-2530	WASHER, 6/6 NYLON	1
10.7		123-2529	SCREW, 4-40 x 3/8 ROUND HD., PH, SS	3
10.8		42-302-37	CHAMBER LOCK LEVER	1
11		123-1340	SCREW, 4-40 x 1/8 TRUSS HD., PH, SS	1
12		123-2541	NYLON SPACER	3
13		123-0928	SCREW, 4-40 x 1/2 BIND HD., PH	3
14		42-103-49	CONDUCTIVE NYLON BRUSH	2

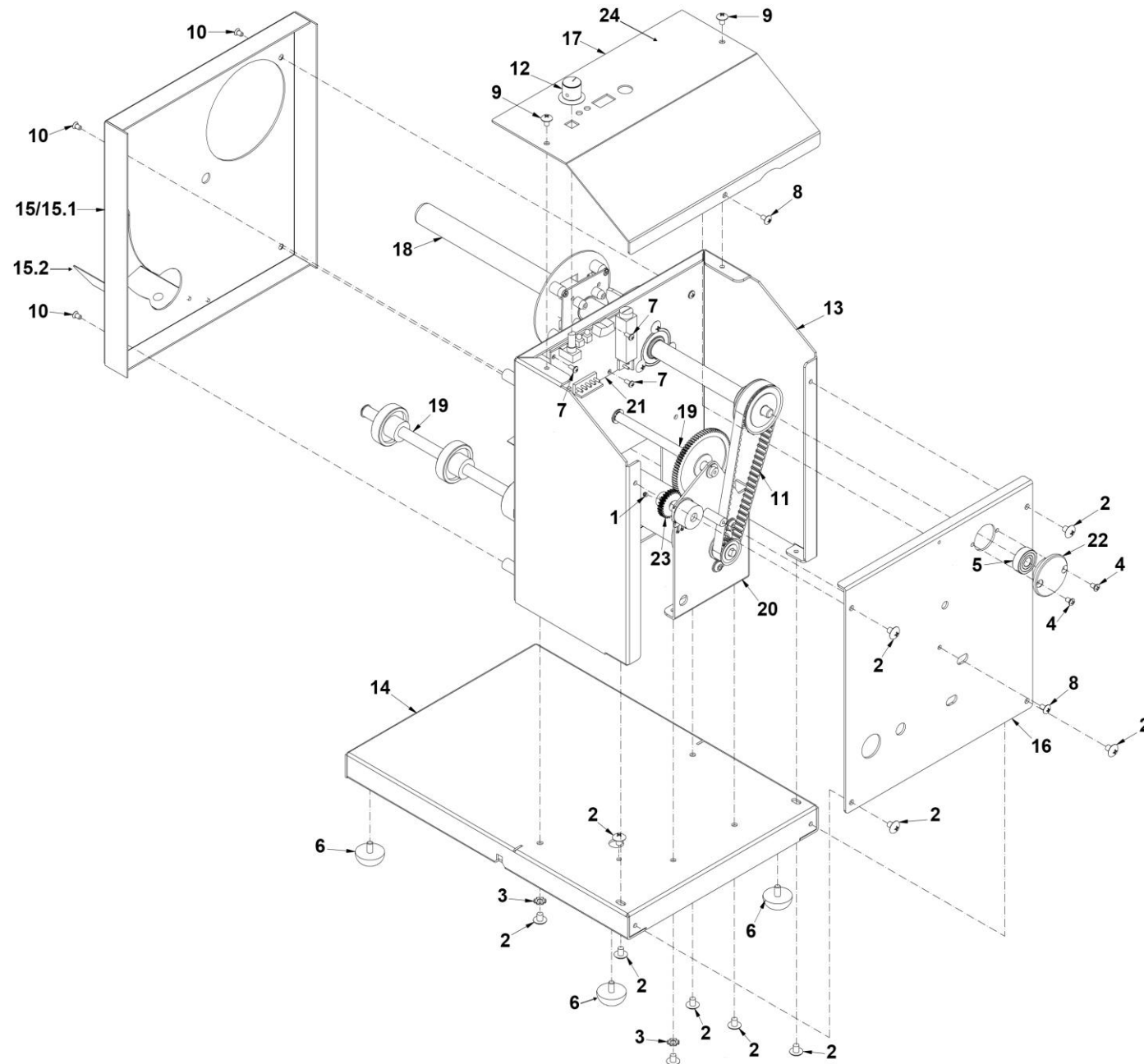
GROUP 5 UNWINDER

FRONT



GROUP 5 UNWINDER

REAR



GROUP 5 UNWINDER

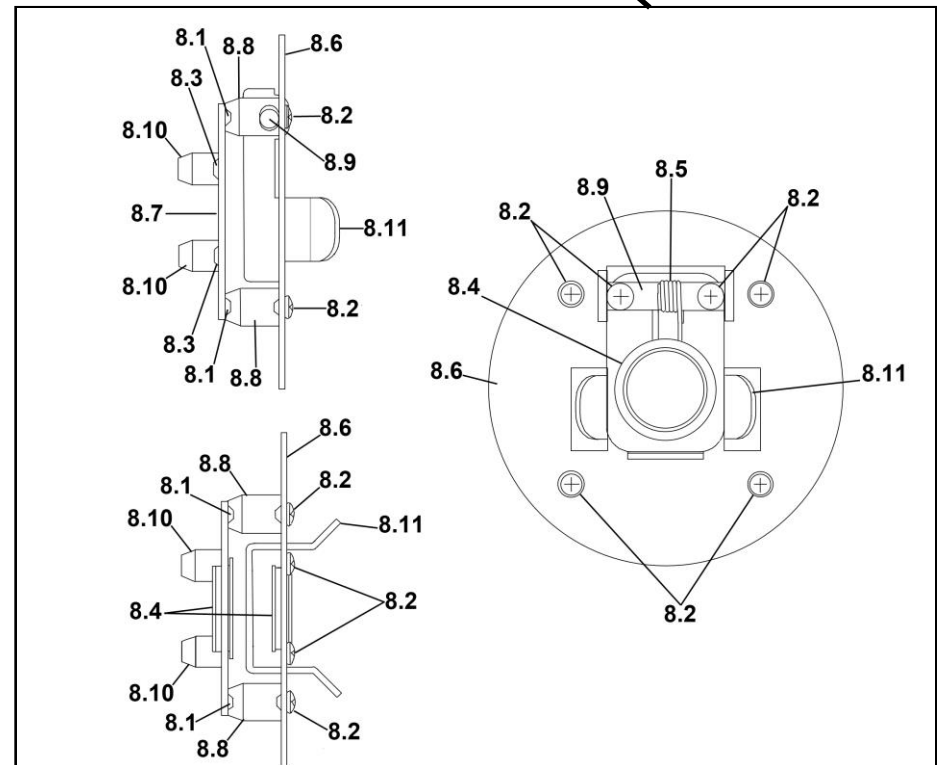
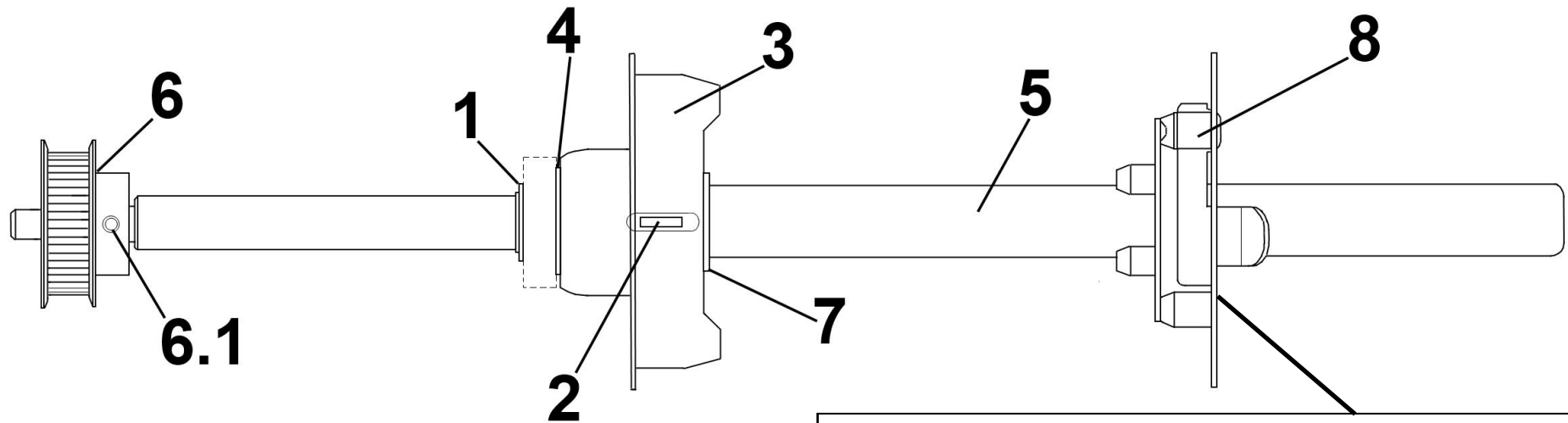
KEY		PART NO.	DESCRIPTION	QTY
1		123-0010	SET SCREW, 6-32 x 1/8 HEX SOCKET, CUP POINT	2
2		123-0017	SCREW, 10-32 x 1/4 TRUSS HD., PH, SS	11
3		123-0237	LOCK WASHER, #10 EXTERNAL TOOTH	2
4		123-0275	SCREW, 6-32 x 1/4 OVAL COUNTERSUNK HD., PH, SS	2
5		123-0384	BALL BEARING	1
6		123-0620	FOOT, RUBBER	4
7		123-0976	SCREW, 4-40 x 1/4 PAN HD., PH, SS	2
8		123-1135	SCREW, 6-32 x 1/4 TRUSS HD., PH, SS	2
9		123-1136	SCREW, 8-32 x 1/4 TRUSS HD., PH, SS	2
10		123-1178	SCREW, 6-32 x 1/4 FL HD., PH, UNDERCUT	4
11		123-2080	BELT, TIMING 140XL	1
12		123-2548	KNOB, MATTE BLACK, 5/8" DIA, 6MM SHAFT	1
13		(GROUP 5D)	UNWINDER BODY SUBASSEMBLY	1
14		42-310-07	UNWINDER BASE	1

KEY		PART NO.	DESCRIPTION	QTY
15		UNWINDER LABEL GUIDE ASSEMBLY		1
15.1		42-310-09	UNWINDER LABEL GUIDE	1
15.2		42-312-15N	UNWINDER ARM STOPPER, BOTTOM	1
15.3		123-0978	SCREW, 4-40 x 3/16 PAN HD., PH, SS	3
16		42-310-12	UNWINDER CLOSURE	1
17		42-310-14	UNWINDER BODY COVER	1
18		(GROUP 5A)	REEL SHAFT ASSEMBLY	1
19		(GROUP 5B)	UNWINDER ARM ASSEMBLY	1
20		(GROUP 5C)	UNWINDER MOTOR BRKT ASSY.	1
21		42-500-55	UNWINDER PCB CONTROLLER	1
22		84-121-11	CAP, BALL BEARING	1
23		94-116-08	GEAR, 28 TEETH	1
24		42-550-32	UNWINDER CONTROL PANEL OVERLAY (DECAL)	1
*		42-530-100	PRINTER INTERFACE CABLE/ WIRING HARNESS (UNWINDER)	1

*NOT SHOWN

**GROUP 5
UNWINDER**

GROUP 5A
UNWINDER – REEL SHAFT ASSEMBLY

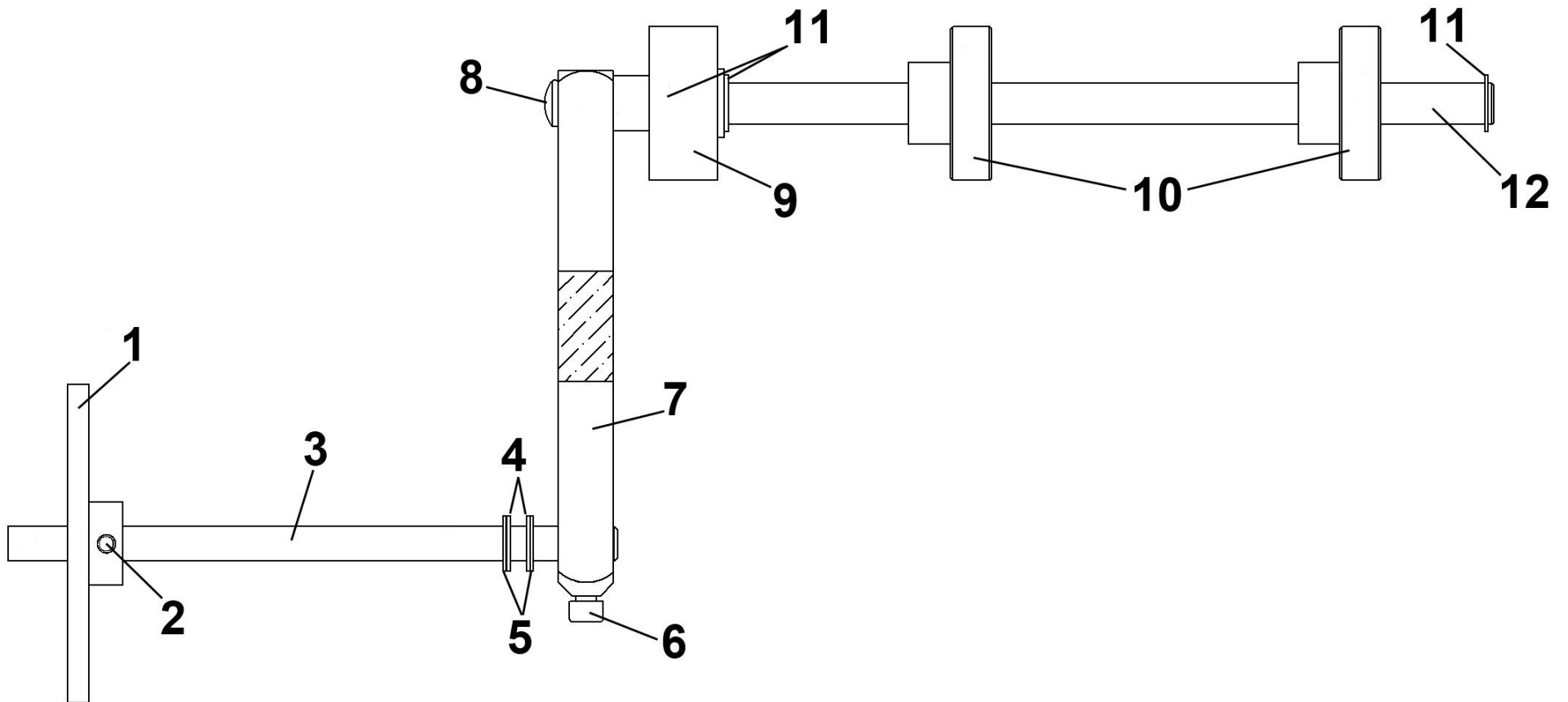


**GROUP 5A
UNWINDER – REEL SHAFT ASSEMBLY**

KEY		PART NO.	DESCRIPTION	QTY
1		123-1690	C-CLIP	1
2		123-2533	KEY, 3/16 x 1/2 MACHINE, SQ. END	1
3		42-311-05	LABEL SUPPLY HUB ASSEMBLY	1
4		42-311-08	LABEL SUPPLY HUB SPACER	1
5		42-311-11	REEL SHAFT	1
6		42-311-17	DRIVEN PULLEY 24G	1
6.1		123-1956	SET SCREW, 8-32 x 5/16 SOC. HD.	1
7		42-311-19	REEL SHAFT CLIP	1

KEY		PART NO.	DESCRIPTION	QTY
8		42-311-40	REEL ROLL SUPPORT ASSEMBLY (INCLUDES ALL PARTS BELOW)	1
8.1		123-0975	SCREW, 4-40 x 1/4 FH, PH, SS	4
8.2		123-0976	SCREW, 4-40 x 1/4 PAN HD., PH	6
8.3		123-1178	SCREW, 6-32 x 1/4 FL HD., PH, UNDERCUT	4
8.4		123-2537	BALL BEARING CLIP	2
8.5		42-311-41	COUPLER ARM SPRING	1
8.6		42-311-42	FLANGE	1
8.7		42-311-43	COUPLER FLANGE	1
8.8		42-311-45	REEL ROLL SUPPORT STUD	4
8.9		42-311-46	REEL ROLL SUPPORT PIVOT	1
8.10		42-311-47	REEL ROLL SUPPORT PIN	4
8.11		42-311-49	COUPLER ARM WELDMENT	1

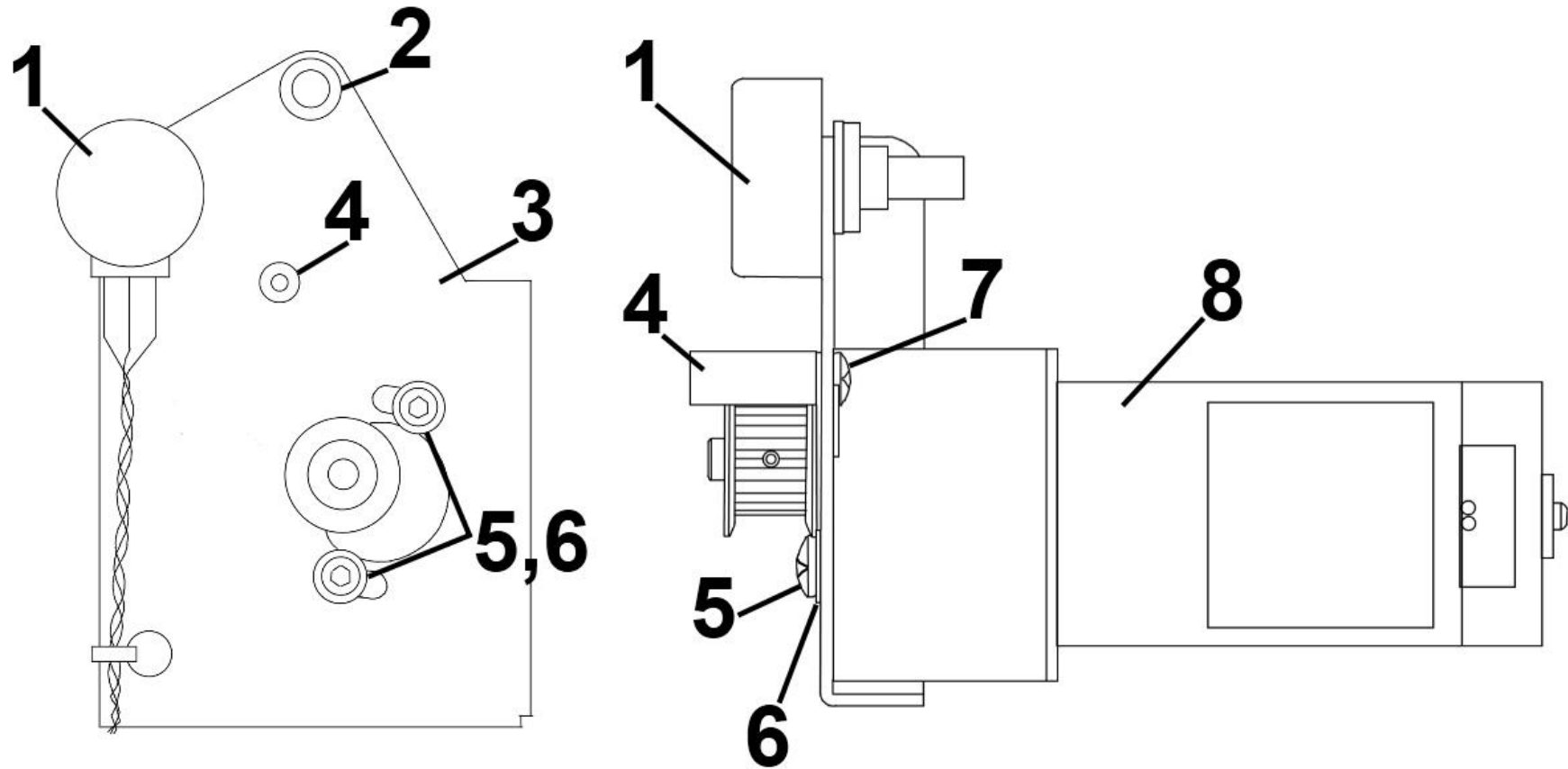
GROUP 5B
UNWINDER – UNWINDER ARM ASSEMBLY



GROUP 5B
UNWINDER – UNWINDER ARM ASSEMBLY

KEY		PART NO.	DESCRIPTION	QTY
1		42-312-16	UNWINDER/WINDER ARM GEAR, 32P-80T	1
2		123-1956	SET SCREW, 8-32 x 5/16 SOC. HD.	1
3		42-312-07	UNWINDER/WINDER ARM PIVOT	1
4		123-0312	WASHER, 5/16 x 1/2 x 0.30 PLASTIC	2
5		123-2117	C-CLIP	2
6		123-1680	SCREW, 10-32 x 1/2 SOC. HD. CAP	1
7		42-312-06N	UNWINDER ARM	1
8		123-2635	SCREW, 10-32 x 7/8 SOC. BUTTON HD., BLACK	1
9		42-312-31	ARM BAR COLLAR ASSEMBLY	1
10		42-312-33	UNWINDER ARM BAR RING ASSEMBLY	2
11		123-2633	RETAINING CLIP	3
12		42-312-09N	UNWINDER ARM BAR	1

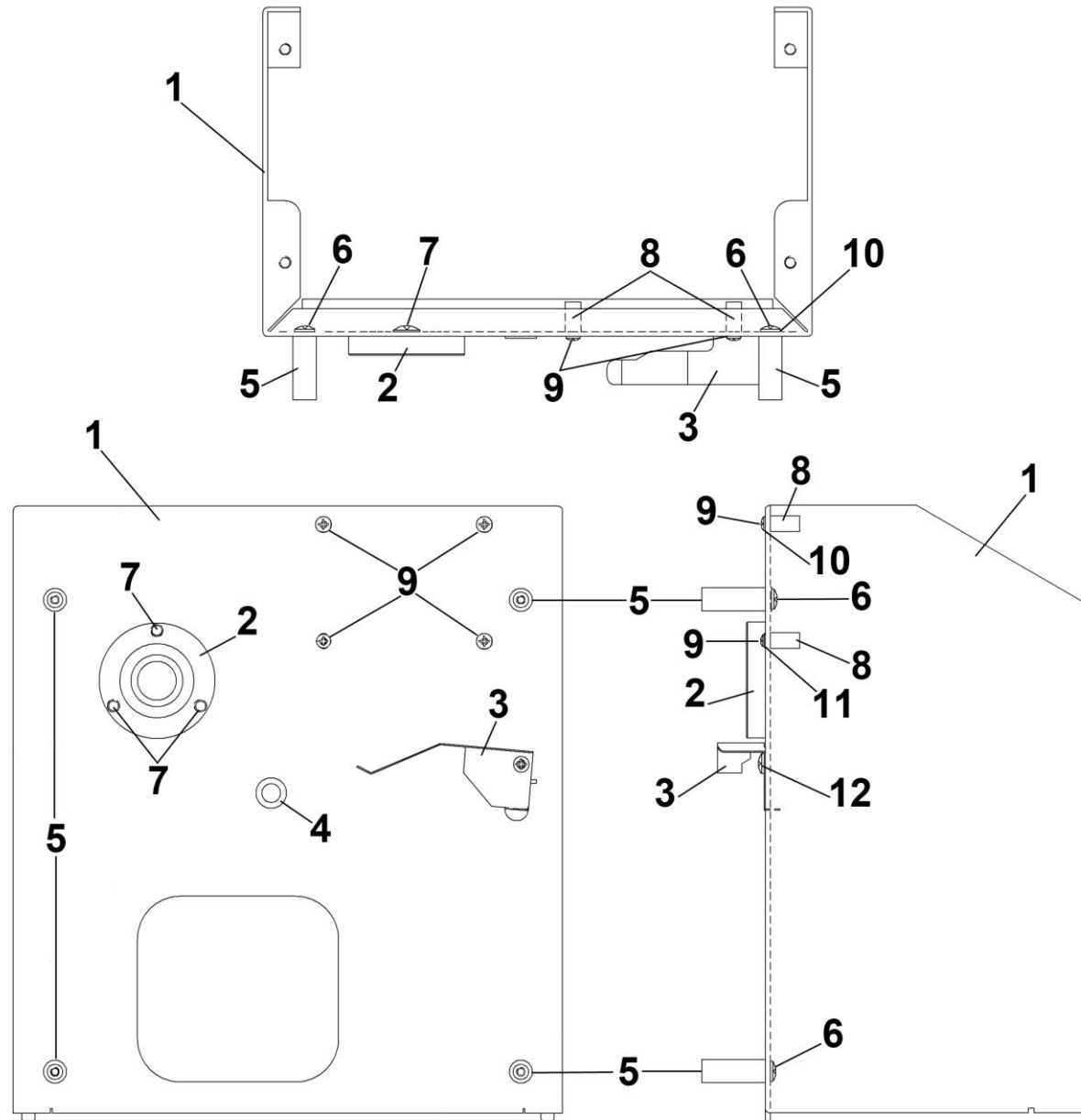
GROUP 5C
UNWINDER – MOTOR BRACKET ASSEMBLY



GROUP 5C
UNWINDER – MOTOR BRACKET ASSEMBLY

KEY		PART NO.	DESCRIPTION	QTY
1		42-530-53	UNWINDER POTENTIOMETER ASSEMBLY	1
2		123-2316	BEARING, CLIP 5/16 x 3/8	1
3		42-312-04	UNWINDER MOTOR BRACKET	1
4		42-312-18	MOTOR BRACKET SPACER	1
5		123-1210	SCREW, 10-32 x 3/8 BTN. HD. SOC. CAP, SS, BLK	2
6		123-0148	WASHER, 7/16 OD x 0.200 ID x 1/32	2
7		123-0612	SCREW, 6-32 x 1/4 PAN HD., PH, SS	1
8		42-310-18	UNWINDER MOTOR ASSEMBLY (SOLD AS ASSEMBLY ONLY – INCLUDES PULLEY AND CONNECTOR WIRES)	1

GROUP 5D
UNWINDER – UNWINDER BODY SUBASSEMBLY



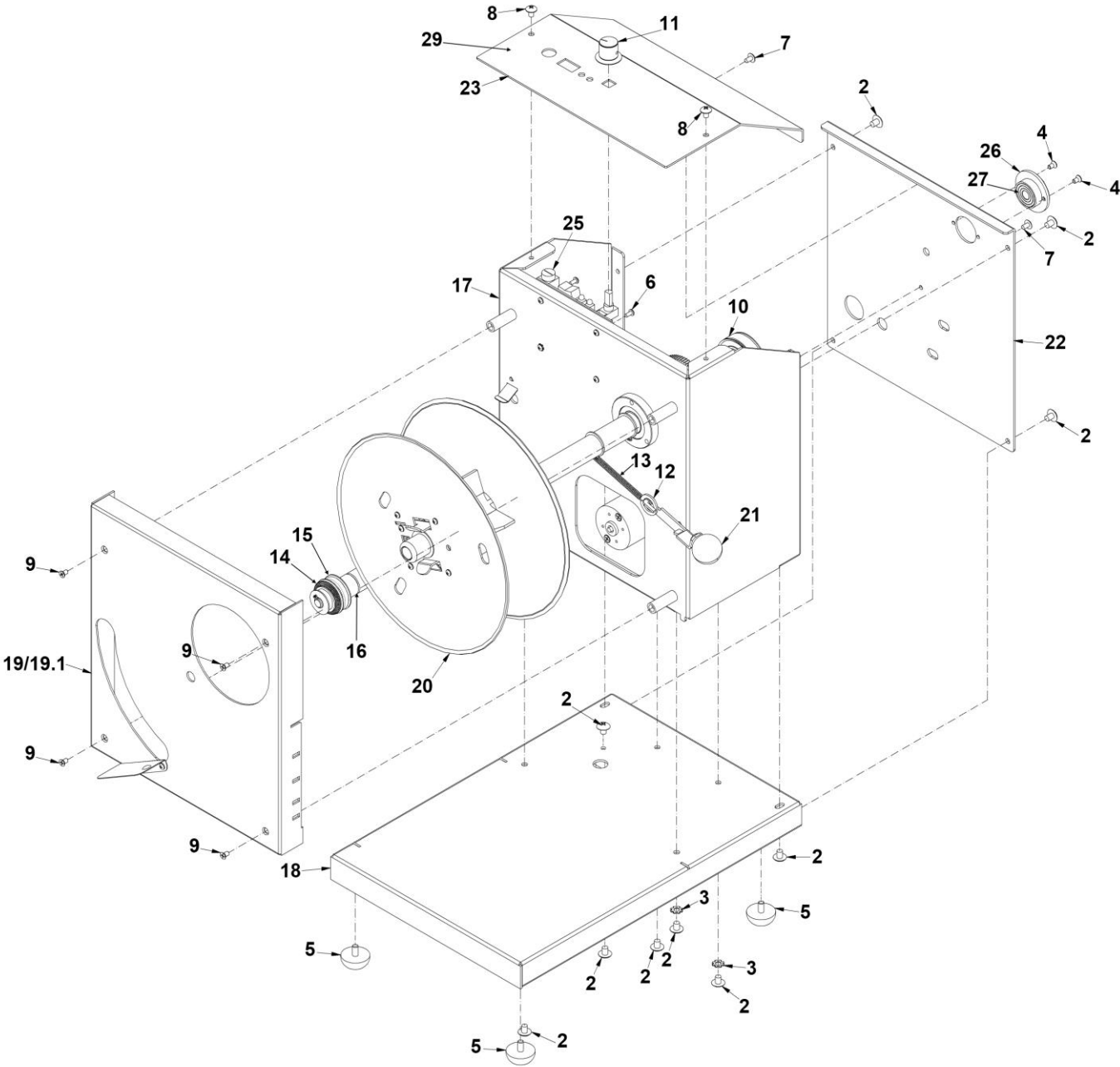
GROUP 5D
UNWINDER – UNWINDER BODY SUBASSEMBLY

KEY		PART NO.	DESCRIPTION	QTY
1		42-310-05N	UNWINDER BODY	1
2		42-311-13	REEL SHAFT HOUSING ASSEMBLY (BEARING)	1
3		42-312-14B	UNWINDER ARM STOPPER, TOP	1
4		123-2316	BEARING, CLIP 5/16 x 3/8	1
5		42-310-10	LABEL GUIDE STANDOFF	4
6		123-2409	SCREW, 6-32 x 5/16 PAN HD., PH, SS	4

KEY		PART NO.	DESCRIPTION	QTY
7		123-0024	SCREW, 10-32 x 3/8 TRUSS HD., PH, MS	3
8		42-310-17	PC BOARD STANDOFF	4
9		123-0976	SCREW, 1/4-40 x 1/4 PAN HD., PH	4
10		123-0252	LOCK WASHER, #6 EXTERNAL TOOTH	1
11		123-0261	STAR WASHER, #4 EXTERNAL	1
12		123-1135	SCREW, 6-32 x 1/4 TRUSS HD., PH, SS	1

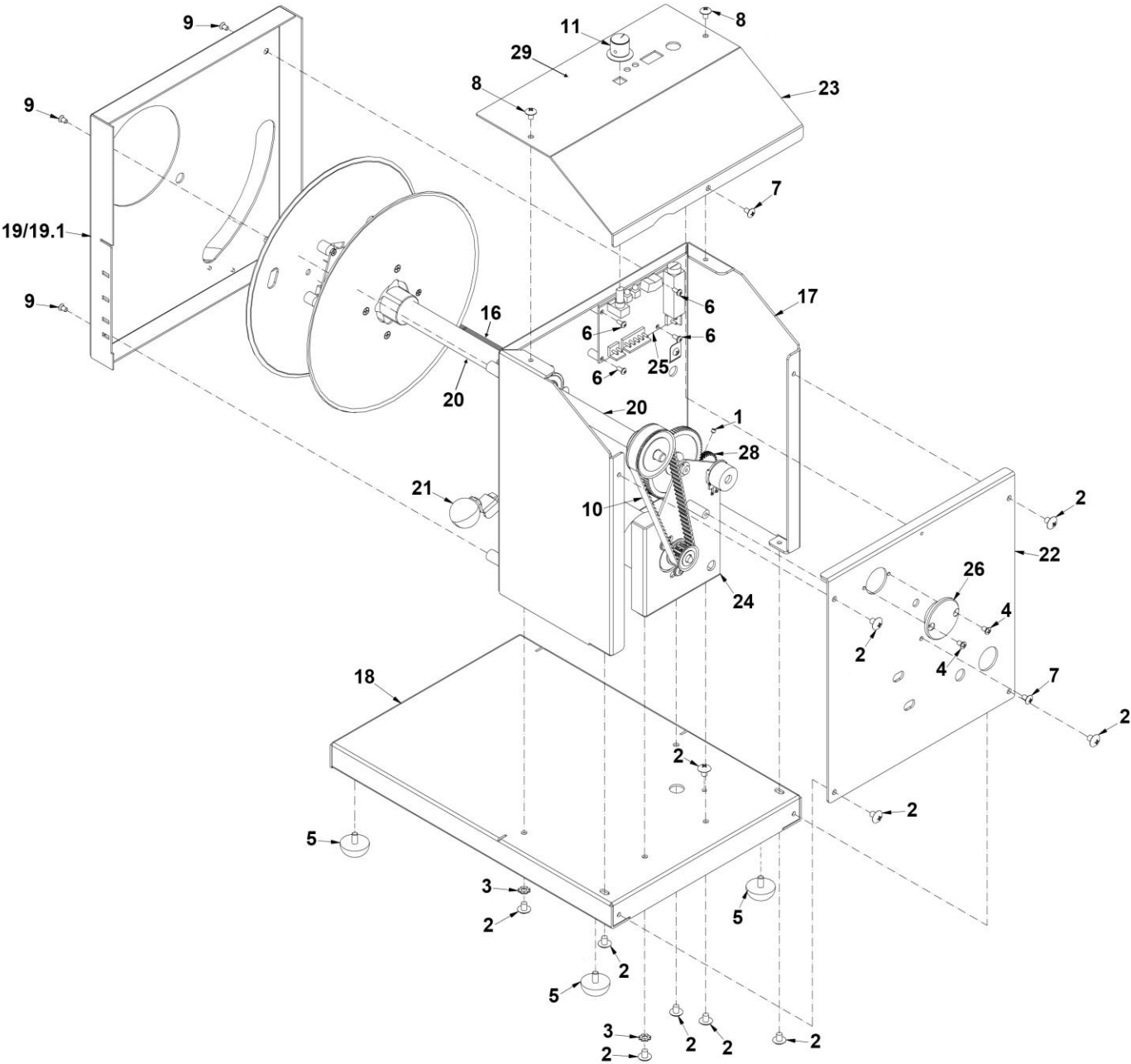
**GROUP 6
WINDER**

FRONT



**GROUP 6
WINDER**

REAR



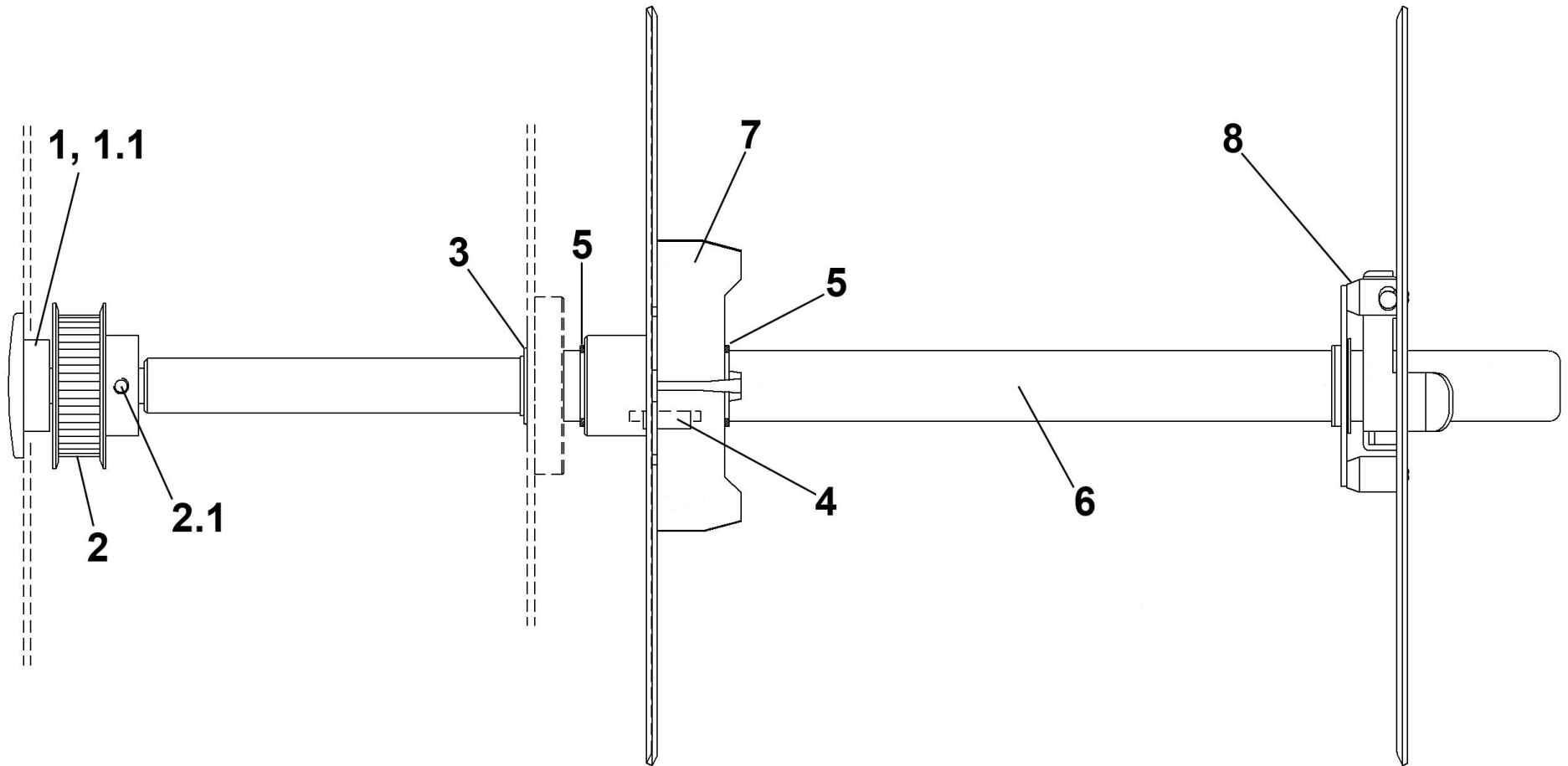
GROUP 6 WINDER

KEY		PART NO.	DESCRIPTION	QTY
1		123-0010	SET SCREW, 6-32 x 1/8 HEX SOCKET, CUP POINT	2
2		123-0017	SCREW, 10-32 x 1/4 TRUSS HD., PH, SS	11
3		123-0237	LOCK WASHER, #10 EXTERNAL TOOTH	2
4		123-0275	SCREW, 6-32 x 1/4 OVAL COUNTERSUNK HD., PH, SS	2
5		123-0620	FOOT, RUBBER	4
6		123-0976	SCREW, 4-40 x 1/4 PAN HD., PH, SS	2
7		123-1135	SCREW, 6-32 x 1/4 TRUSS HD., PH, SS	2
8		123-1136	SCREW, 8-32 x 1/4 TRUSS HD., PH, SS	2
9		123-1178	SCREW, 6-32 x 1/4 FL HD., PH, UNDERCUT	4
10		123-2080	BELT, TIMING 140XL	1
11		123-2548	KNOB, MATTE BLACK, 5/8" DIA, 6MM SHAFT	1
12		123-1884	WASHER, 1/2 x 3/4 x 1/16	1
13		20-100-227	SPRING	1
14		42-312-20	ARM BAR MEDIA GUIDE ASSEMBLY	1
15		42-322-38	FLANGE, WINDER ARM	1
16		(GROUP 6B)	WINDER ARM ASSEMBLY	1
17		(GROUP 6D)	WINDER BODY SUBASSEMBLY	1
18		42-320-07	WINDER BASE	1

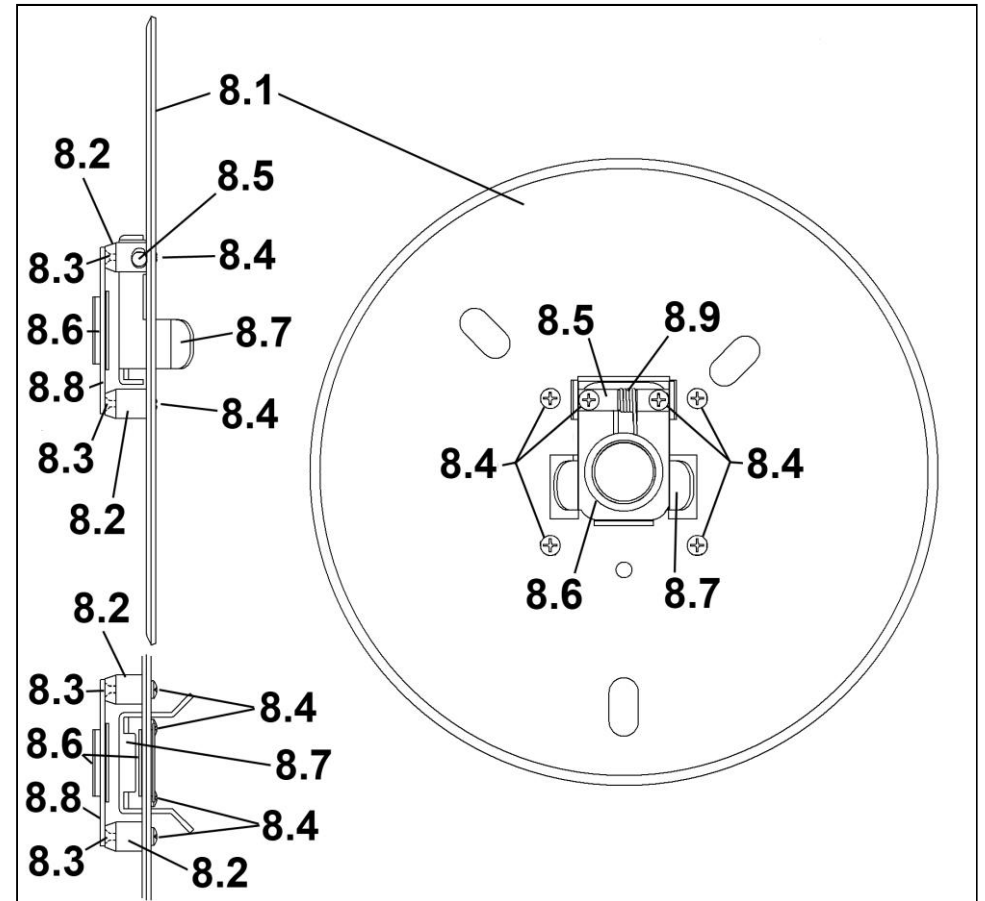
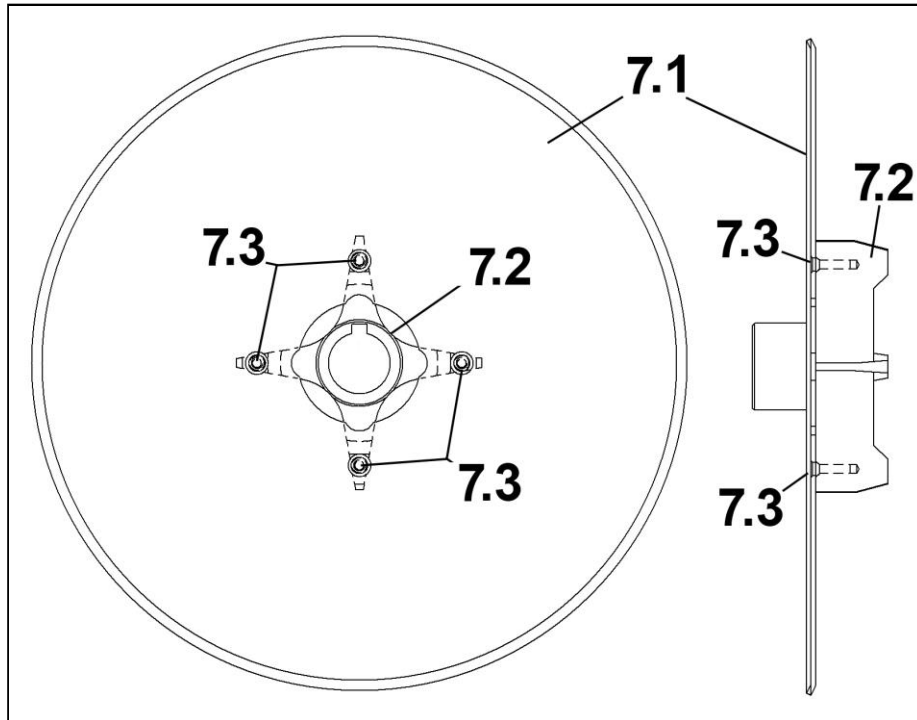
KEY		PART NO.	DESCRIPTION	QTY
19	WINDER LABEL GUIDE ASSEMBLY			1
19.1		42-320-09	WINDER LABEL GUIDE	1
19.2		42-322-15	WINDER ARM STOPPER, BOTTOM	1
19.3		123-0978	SCREW, 4-40 x 3/16 PAN HD., PH, SS	3
20		(GROUP 6A)	REEL SHAFT ASSEMBLY	1
21		42-322-34	WINDER SPRING LEVER ASSEMBLY	1
22		42-320-12	WINDER CLOSURE	1
23		42-320-14	WINDER BODY COVER	1
24		(GROUP 6C)	WINDER MOTOR BRACKET ASSY.	1
25		42-500-50	WINDER PCB CONTROLLER	1
26		84-121-11	CAP, BALL BEARING	1
27		123-0384	BALL BEARING	1
28		94-116-08	GEAR, 28 TEETH	1
29		42-550-26	WINDER CONTROL PANEL OVERLAY (DECAL)	1
*		42-530-110	PRINTER INTERFACE CABLE/ WIRING HARNESS (WINDER)	1

***NOT SHOWN**

GROUP 6A
WINDER – REEL SHAFT ASSEMBLY



GROUP 6A
WINDER – REEL SHAFT ASSEMBLY

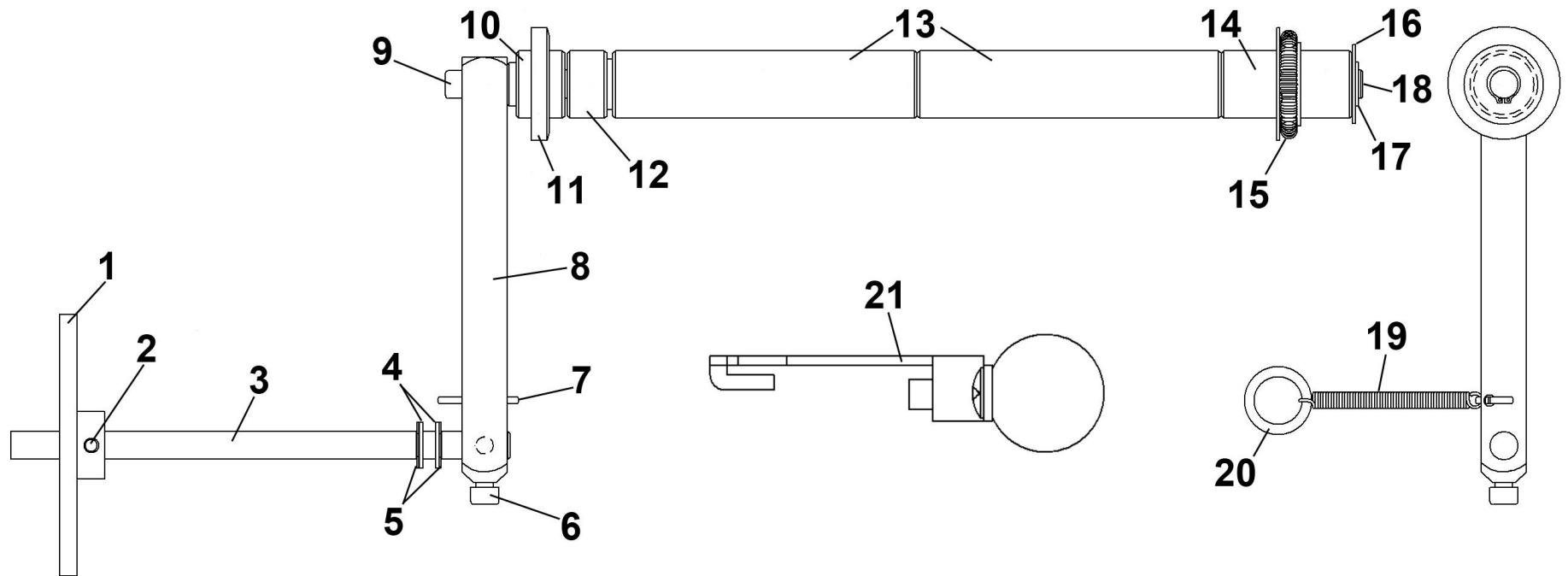


GROUP 6A
WINDER – REEL SHAFT ASSEMBLY

KEY		PART NO.	DESCRIPTION	QTY
1		84-121-11	CAP, BALL BEARING	1
1.1		123-0384	BALL BEARING	1
2		42-311-17	DRIVEN PULLEY 24G	1
2.1		123-1956	SET SCREW, 8-32 x 5/16 SOC. HD	1
3		123-1690	C-CLIP	1
4		123-2533	KEY, 3/16 x 1/2 MACHINE, SQ. END	1
5		123-2629	REEL SHAFT CLIP	2
6		42-321-11	REEL SHAFT	1
7		42-321-05	WINDER HUB ASSEMBLY (INCLUDES ALL PARTS BELOW)	1
7.1		42-321-09	WINDER INNER FLANGE	1
7.2		42-321-07	WINDER HUB	1
7.3		123-0683	SCREW, 6-32 x 5/16 PH UNDERCUT SS	4

KEY		PART NO.	DESCRIPTION	QTY
8		42-321-40	REEL ROLL SUPPORT ASSEMBLY (INCLUDES ALL PARTS BELOW)	1
8.1		42-321-42	WINDER OUTER FLANGE	1
8.2		42-311-45	REEL ROLL SUPPORT STUD	4
8.3		123-0975	SCREW, 4-40 x 1/4 FH, PH, SS	4
8.4		123-0976	SCREW, 4-40 x 1/4 PAN HD., PH	6
8.5		42-311-46	REEL ROLL SUPPORT PIVOT	1
8.6		123-2537	BALL BEARING CLIP	2
8.7		42-311-49	COUPLER ARM WELDMENT	1
8.8		42-311-43	COUPLER FLANGE	1
8.9		42-311-41	COUPLER ARM SPRING	1

GROUP 6B
WINDER – WINDER ARM & SPRING LEVER ASSEMBLIES

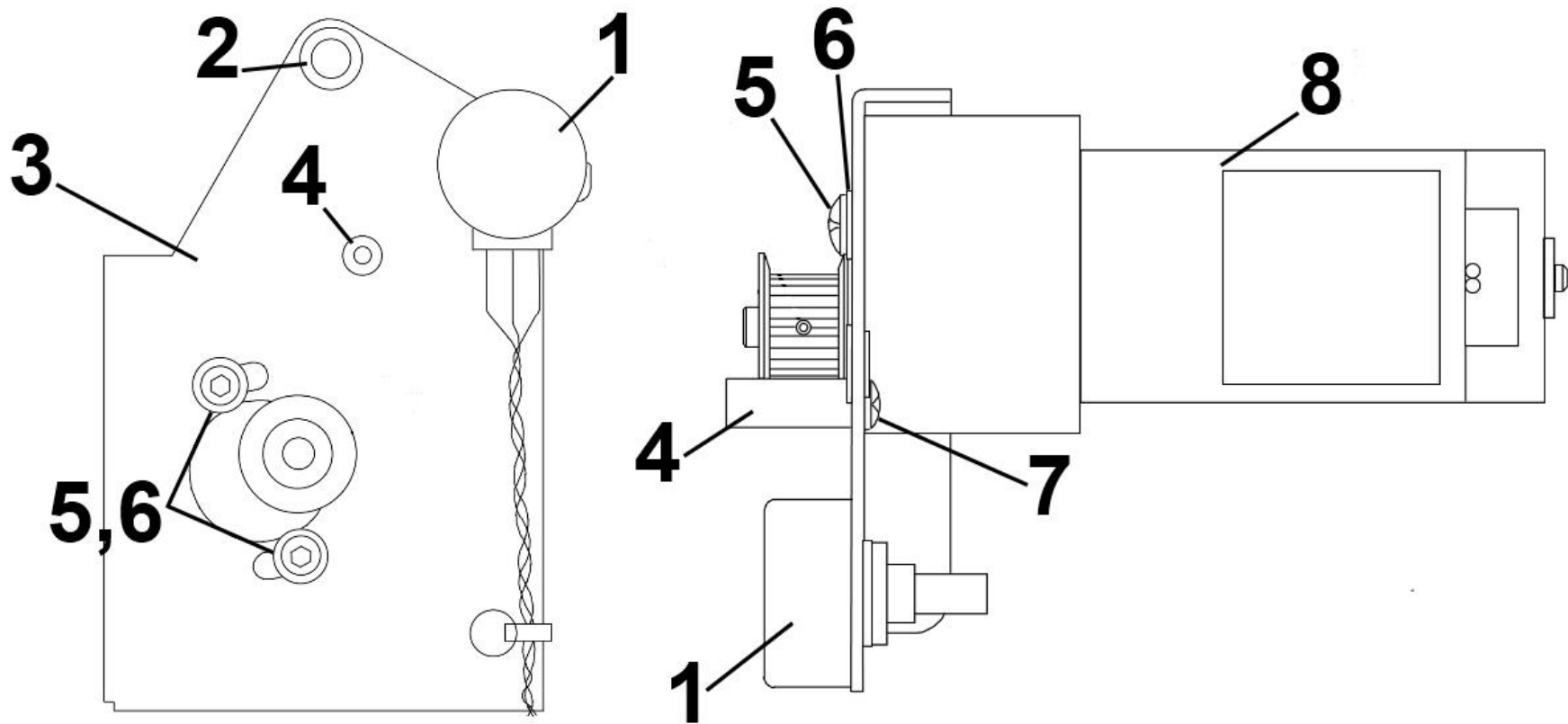


GROUP 6B
WINDER – WINDER ARM & SPRING LEVER ASSEMBLIES

KEY		PART NO.	DESCRIPTION	QTY
1		42-312-16	UNWINDER/WINDER ARM GEAR, 32P-80T	1
2		123-1956	SET SCREW, 8-32 x 5/16 SOC. HD.	1
3		42-312-07	UNWINDER/WINDER ARM PIVOT	1
4		123-0312	WASHER, 5/16 x 1/2 x 0.30 PLASTIC	2
5		123-2117	C-CLIP	2
6		123-0486	SCREW, 10-32 x 7/16 SOC. HD. CAP	1
7		123-1638	COTTER PIN	1
8		42-322-06	WINDER ARM	1
9		123-1241	SCREW, 10-32 x 3/4 SOC. HD., BLACK	1
10		42-312-13	ARM BAR FILLER	1
11		42-322-38	FLANGE, WINDER ARM	1

KEY		PART NO.	DESCRIPTION	QTY
12		42-312-11	ARM BAR COLLAR ASSEMBLY	1
13		42-312-10	ARM BAR BUSHING, LONG BLACK	2
14		42-322-10	WINDER ARM BAR BUSHING, MED. BLACK	1
15		42-312-20	ARM BAR MEDIA GUIDE ASSEMBLY	1
16		42-322-37	WASHER, WINDER ARM	1
17		123-2350	C-CLIP	1
18		42-322-09	WINDER ARM BAR	1
19		20-100-227	SPRING	1
20		123-1884	WASHER, 1/2 x 3/4 x 1/16	1
21		42-322-34	WINDER SPRING LEVER ASSEMBLY	1

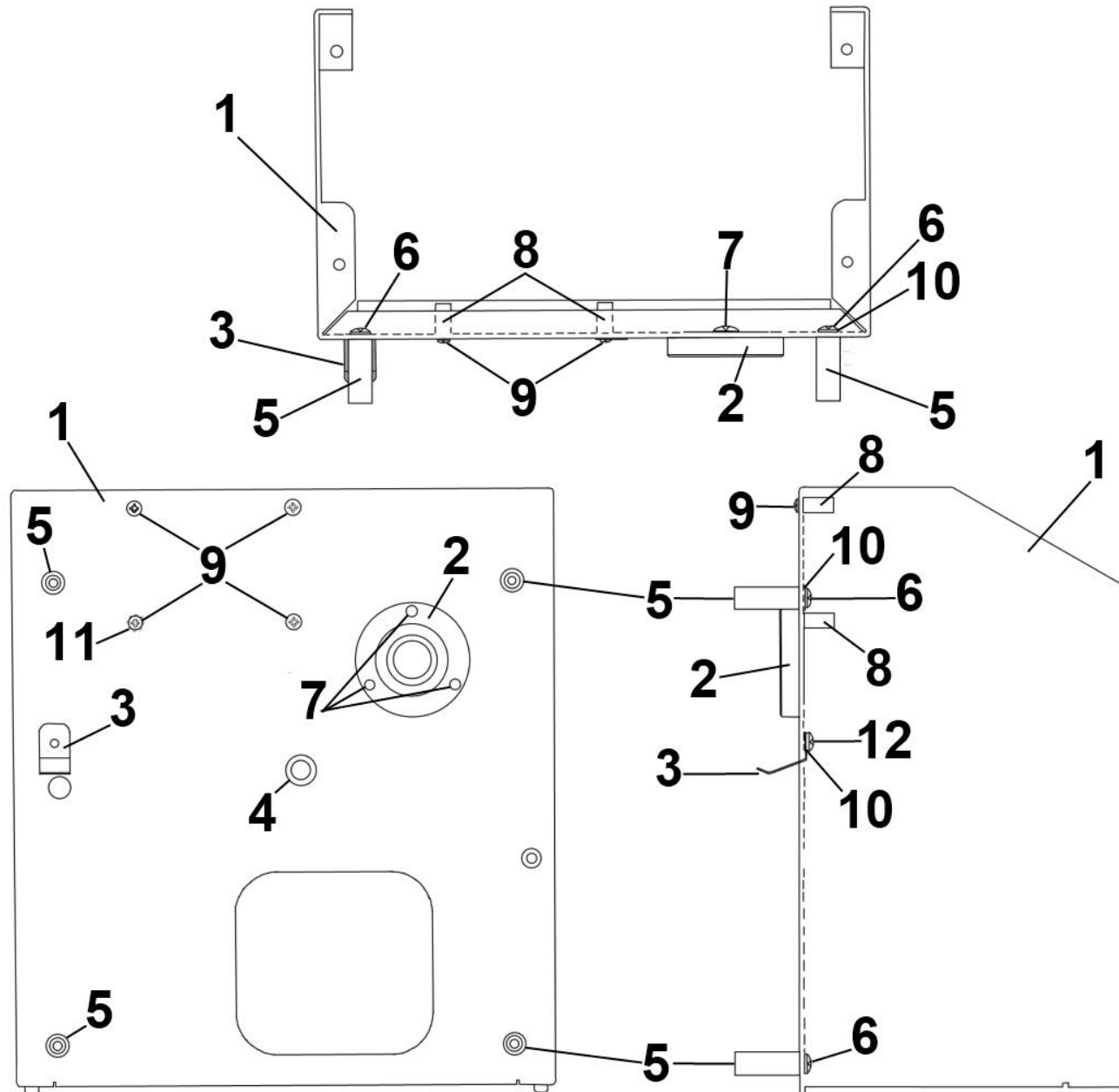
GROUP 6C
WINDER – MOTOR BRACKET ASSEMBLY



GROUP 6C
WINDER – MOTOR BRACKET ASSEMBLY

KEY		PART NO.	DESCRIPTION	QTY
1		42-530-63	WINDER POTENTIOMETER ASSEMBLY	1
2		123-2316	BEARING, CLIP 5/16 x 3/8	1
3		42-322-04	WINDER MOTOR BRACKET	1
4		42-312-18	MOTOR BRACKET SPACER	1
5		123-1210	SCREW, 10-32 x 3/8 BTN. HD. SOC. CAP, SS, BLK	2
6		123-0148	WASHER, 7/16 OD x 0.200 ID x 1/32	2
7		123-0612	SCREW, 6-32 x 1/4 PAN HD., PH, SS	1
8		42-320-18	WINDER MOTOR ASSEMBLY (SOLD AS ASSEMBLY ONLY – INCLUDES PULLEY AND CONNECTOR WIRES)	1

GROUP 6D
WINDER – WINDER BODY SUBASSEMBLY

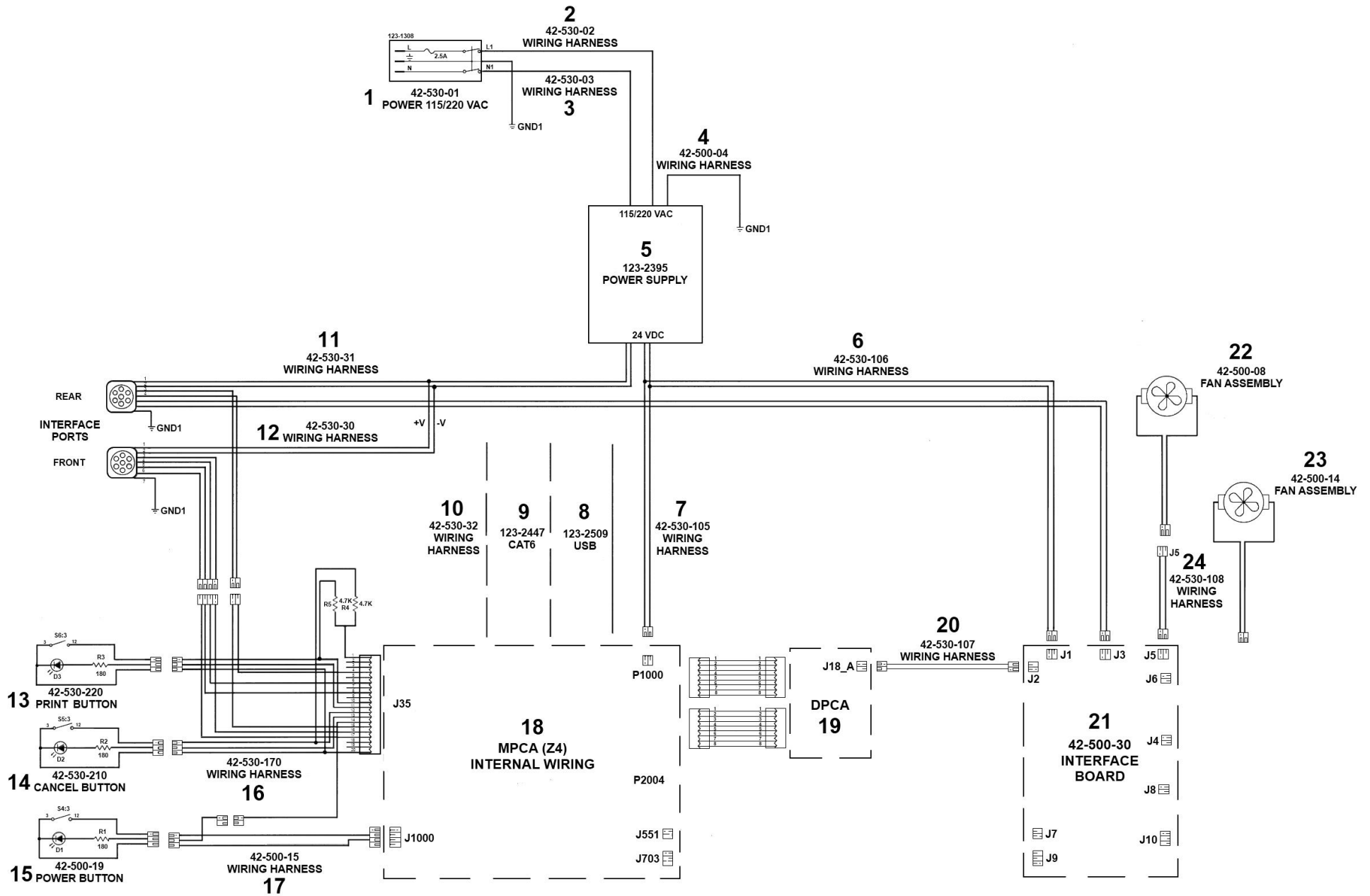


GROUP 6D
WINDER – WINDER BODY SUBASSEMBLY

KEY		PART NO.	DESCRIPTION	QTY
1		42-320-05	WINDER BODY	1
2		42-311-13	REEL SHAFT HOUSING ASSEMBLY (BEARING)	1
3		42-312-14	WINDER ARM STOPPER, TOP	1
4		123-2316	BEARING, CLIP 5/16 x 3/8	1
5		42-310-10	LABEL GUIDE STANDOFF	4
6		123-2409	SCREW, 6-32 x 5/16 PAN HD., PH, SS	4

KEY		PART NO.	DESCRIPTION	QTY
7		123-0024	SCREW, 10-32 x 3/8 TRUSS HD., PH, MS	3
8		42-310-17	PC BOARD STANDOFF	4
9		123-0976	SCREW, 4-40 x 1/4 PAN HD., PH.	4
10		123-0252	LOCK WASHER, #6 EXTERNAL TOOTH	2
11		123-0261	STAR WASHER, #4 EXTERNAL TOOTH	1
12		123-0461	SCREW, 6-32 x 3/16 ROUND HD., PH, SS	1

GROUP 7 ELECTRICAL, PRINT ENGINE



GROUP 7
ELECTRICAL, PRINT ENGINE

KEY	PART NO.	DESCRIPTION	QTY
1.	42-530-01	POWER INLET, GROUND	1
2.	42-530-02	POWER INLET, POWER SUPPLY (L)	1
3.	42-530-03	POWER INLET, POWER SUPPLY (N)	1
4.	42-500-04	POWER SUPPLY – GRD WIRING HARNESS	1
5.	123-2395	UNIVERSAL POWER SUPPLY	1
6.	42-530-106	PCB FAN CONTROL POWER SUPPLY WH	1
7.	42-530-105	24V POWER SUPPLY WIRING HARNESS	1
8.	123-2509	USB CABLE	1
9.	123-2447	CAT6 NETWORK CABLE	1
10.	42-530-32	INTERFACE CABLE WIRING HARNESS (SERVICE PORT)	1
11.	42-530-31	REAR INTERFACE WIRING HARNESS	1
12.	42-530-30	FRONT INTERFACE WIRING HARNESS	1
13.	42-530-220	PRINT/PAUSE BUTTON ASSEMBLY	1
14.	42-530-210	CANCEL/CUT BUTTON ASSEMBLY	1
15.	42-500-19	POWER BUTTON ASSEMBLY	1
16.	42-530-170	PRINT/PAUSE BUTTON WIRING HARNESS	1
17.	42-500-15	POWER BUTTON WIRING HARNESS	1
18.	42-500-200	MAIN PC BOARD ASSEMBLY	1
19.	123-2473	DPCA BOARD ASSEMBLY	1
20.	42-530-107	MOTOR ASSEMBLY #2 WIRING HARNESS	1
21.	42-500-30	INTERFACE PC BOARD	1
22.	42-500-08	FAN ASSEMBLY #1	1
23.	42-500-14	FAN ASSEMBLY #2	1
24.	42-530-108	FAN EXTENSION WIRING HARNESS	1

POWER CORDS AND USB, ETHERNET CABLES (*NOT SHOWN)			
*	123-0635	115V POWER CORD, 6 FT. DOMESTIC/JAPAN	1
*	123-0735	220V POWER CORD, EUROPE	1
*	123-2187	220V POWER CORD, CHINA	1
*	123-2407	220V POWER CORD, UK	1
*	123-1895	USB CABLE, 10 FT.	1
*	123-2525	ETHERNET CABLE, 10 FT.	1

CONSUMABLES, NORMAL WEAR AND SPARE PARTS

CONUMABLES AND NORMAL WEAR PARTS

PART NO.	DESCRIPTION	QTY PER PRINTER
CONSUMABLES		
123-2393	PRINthead CARTRIDGE	1
123-2412	BLACK INK CARTRIDGE, 250 ML	2
123-2413	CYAN INK CARTRIDGE, 250 ML	1
123-2414	MAGENTA INK CARTRIDGE, 250 ML	1
123-2415	YELLOW INK CARTRIDGE, 250 ML	1
PRINTER		
123-2393	PRINthead CARTRIDGE	1
123-2446	DRIVE BELT, PRINT ENGINE	1
20-100-227	SPRING, (INK TANK DOOR)	2
42-103-49	CONDUCTIVE NYLON BRUSH (TOP CENTER CHAMBER ASSEMBLY)	2
UNWINDER		
123-2080	BELT, TIMING 140XL	1
WINDER		
123-2080	BELT, TIMING 140XL	1

RECOMMENDED SPARE PARTS

PART NO.	DESCRIPTION	QTY PER PRINTER
PRINTER		
123-1398	2.5 AMP SLO-BLO FUSE (POWER INLET ASSY.) NOTE: SPARE FUSE SUPPLIED IN FUSE HOLDER	1
123-2395	UNIVERSAL POWER SUPPLY	1
123-2446	DRIVE BELT, PRINT ENGINE	1
123-2483	SERVICE STATION	1
123-2484	BUFFER BOX	1
123-2487	WASTE INK TRAY ASSEMBLY	1
42-530-110	PRINT ENGINE	1
42-900-10	INK REVOLVER, PUMP SIDE (INCLUDES HOSES AND COUPLINGS)	1
42-900-15	INK REVOLVER, VALVE SIDE (INCLUDES HOSES AND COUPLINGS)	1
UNWINDER		
123-2080	BELT, TIMING 140XL	1
42-500-55	UNWINDER PC BOARD	1
WINDER		
123-2080	BELT, TIMING 140XL	1
42-500-50	WINDER PC BOARD	1
POWER CORDS AND USB, ETHERNET CABLES		
123-0635	115V POWER CORD, 6 FT., DOMESTIC/JAPAN	1
123-0735	220V POWER CORD, EUROPE	1
123-2187	220V POWER CORD, CHINA	1
123-2407	220V POWER CORD, UK	1
123-1895	USB CABLE, 10 FT.	1
123-2525	ETHERNET CABLE, 10 FT.	1

INDEX

PART NO.	GROUP	KEY	PART NO.	GROUP	KEY	PART NO.	GROUP	KEY
123-0010	5	1	123-1135	1	5	123-2407	7	--
123-0010	6	1	123-1135	4	2	123-2409	1	34.1
123-0017	1	1	123-1135	5	8	123-2409	5D	6
123-0017	1	31.1	123-1135	5D	12	123-2409	6D	6
123-0017	5	2	123-1135	6	7	123-2412	2	13
123-0017	6	2	123-1136	5	9	123-2413	2	13
123-0024	5D	7	123-1136	6	8	123-2414	2	13
123-0024	6D	7	123-1178	1	6	123-2415	2	13
123-0114	4	3	123-1178	5	10	123-2429	2	10
123-0148	5C	6	123-1178	5A	8.3	123-2429	2.3	3
123-0148	6C	6	123-1178	6	9	123-2431	2	22
123-0237	5	3	123-1210	5C	5	123-2432	2	22
123-0237	6	3	123-1210	6C	5	123-2432	2.4	12
123-0252	1	2	123-1257	1	7	123-2438	1	13
123-0252	5D	10	123-1241	6B	9	123-2441	4	12
123-0252	6D	10	123-1323	1	8	123-2446	2	22
123-0261	5D	11	123-1340	3	2	123-2447	7	9
123-0261	6D	11	123-1340	4	8	123-2452	1	33.1
123-0275	5	4	123-1340	4	11	123-2455	1	14
123-0275	6	4	123-1398	1	32.1	123-2468	2.3	1.1
123-0312	5B	4	123-1638	6B	7	123-2473	2.1	9
123-0312	6B	4	123-1680	5B	6	123-2473	2.4	14
123-0384	5	5	123-1690	5A	1	123-2474	2	15
123-0384	6	27	123-1690	6A	3	123-2475	2	16
123-0461	1	3	123-1884	6	12	123-2476	2.1	21
123-0461	3	8	123-1884	6B	20	123-2477	2.1	11
123-0461	6D	12	123-1895	7	--	123-2478	2.1	5
123-0486	6B	6	123-1956	5A	6.1	123-2479	2.1	7
123-0612	1	4	123-1956	5B	2	123-2479	2.3	4.4
123-0612	5C	7	123-1956	6B	2	123-2479	2.4	2
123-0612	6C	7	123-2007	1	9	123-2480	2.1	4
123-0620	5	6	123-2080	5	11	123-2481	2.1	1
123-0620	6	5	123-2080	6	10	123-2482	2.1	2
123-0635	7	--	123-2117	5B	5	123-2483	2.1	6
123-0683	6A	7.3	123-2117	6B	5	123-2484	2.1	16
123-0735	7	--	123-2187	7	--	123-2487	2	14
123-0928	4	6	123-2270	2.3	2.1	123-2491	2	18
123-0928	4	13	123-2270	4	10.5	123-2492	2.3	4.4
123-0975	5A	8.1	123-2273	3	4	123-2492	2.4	3
123-0975	6A	8.3	123-2273	4	10.4	123-2495	2.1	12
123-0976	5	7	123-2316	5C	2	123-2504	2	5
123-0976	5A	8.2	123-2316	5D	4	123-2504	2.2	2.4
123-0976	5D	9	123-2316	6C	2	123-2509	7	8
123-0976	6	6	123-2316	6D	4	123-2515	2.1	12
123-0976	6A	8.4	123-2350	6B	17	123-2516	2.2	2.6
123-0976	6D	9	123-2386	1	10	123-2516	2.4	7
123-0978	4	4	123-2387	1	11	123-2517	2.3	3.1
123-0978	5	15.3	123-2395	1	12	123-2517	2.4	5
123-0978	6	19.3	123-2395	7	5	123-2518	2.3	4.2

INDEX

PART NO.	GROUP	KEY	PART NO.	GROUP	KEY	PART NO.	GROUP	KEY
123-2518	2.4	6	123-2614	2.1	15	42-300-35	1	25
123-2519	2.3	4.1	123-2614	2.4	4	42-300-36	1	26
123-2519	2.4	9	123-2615	2.1	8	42-301-02	1	27
123-2520	2.3	4.3	123-2616	2.1	10	42-301-18	2	--
123-2520	2.4	13	123-2617	2.1	14	42-302-02	1	28
123-2521	2	7	123-2629	6A	5	42-302-03	3	1
123-2522	2	19	123-2633	5B	11	42-302-06	4	1
123-2525	7	--	123-2635	5B	8	42-302-08	3	3
123-2528	2.1	20	123-2636	2.1	6A	42-302-10	1	29
123-2529	4	10.7	123-2646	2	20	42-302-11	4	9
123-2530	4	10.6	123-2646	2.3	7	42-302-12	4	7
123-2533	5A	2	123-2686	2	4	42-302-14	3	7
123-2533	6A	4	123-2686	2.2	4	42-302-18	1	30
123-2537	5A	8.4	123-2687	2	17	42-302-20	1	31
123-2537	6A	8.6	123-2687	2.2	3.1	42-302-24	4	5
123-2546	2.1	17	123-2690	2.3	3.3	42-302-35	4	10.3
123-2546	2.3	5	123-2692	2.2	3	42-302-36	4	10
123-2548	5	12	123-2708	2	21	42-302-37	4	10.8
123-2548	6	11	123-2709	2.1	22	42-302-39	4	10.1
123-2557	2.2	2.10	123-2710	2	2	42-310-04	5	14
123-2557	2.4	8	123-2711	2.1	23	42-310-05N	5D	1
123-2562	2.2	2.8	123-2725	2.2	5	42-310-07	5	14
123-2562	2.4	11	123-2732	2.4	7A	42-310-09	5	15.1
123-2563	2.2	2.7	123-2739	2	22	42-310-10	5D	5
123-2563	2.4	10	123-2740	2	22	42-310-10	6D	5
123-2564	2.1	26	123-2741	2	22	42-310-12	5	16
123-2565	2.1	27	123-2763	2.2	2.11	42-310-14	5	17
123-2569	2.5	1	123-2764	2.2	2.12	42-310-17	5D	8
123-2570	2.5	2	20-100-36	3	6	42-310-17	6D	8
123-2572	2.5	5	20-100-38	3	5	42-310-18	5C	8
123-2573	2.5	3	20-100-227	1	15	42-311-05	5A	3
123-2574	2.5	4	20-100-227	6	13	42-311-08	5A	4
123-2577	2.3	6	20-100-227	6B	19	42-311-11	5A	5
123-2594	2.3	3.2	42-100-21	1	16	42-311-13	5D	2
123-2576	2.1	19	42-101-13	1	17	42-311-13	6D	2
123-2585	2.1	18	42-101-13	2.3	2	42-311-17	5A	6
123-2586	2	12	42-101-13	3	9	42-311-19	5A	7
123-2586	2.3	7.1	42-103-49	4	14	42-311-40	5A	8
123-2491	2	18	42-105-28	2	22	42-311-41	5A	8.5
123-2594	2	3	42-110-35	2.3	1	42-311-41	6A	8.9
123-2594	2.3	3.2	42-110-92	1	27	42-311-42	5A	8.6
123-2594	2.5	--	42-110-92	2.1	13	42-311-43	5A	8.7
123-2601	2.2	2.5	42-300-03	1	18	42-311-43	6A	8.8
123-2602	2.3	4	42-300-06	1	19	42-311-45	5A	8.8
123-2604	2	11	42-300-08	1	20	42-311-45	6A	8.2
123-2604	2.1	25	42-300-10	1	21	42-311-46	5A	8.9
123-2610	2.1	30	42-300-16	1	22	42-311-46	6A	8.5
123-2611	2.1	29	42-300-17	1	23	42-311-47	5A	8.10
123-2613	2	22	42-300-31	1	24	42-311-49	5A	8.11

INDEX

PART NO.	GROUP	KEY	PART NO.	GROUP	KEY	PART NO.	GROUP	KEY
42-311-49	6A	8.7	42-500-19	1	35	42-900-90	2.2	4.1
42-312-04	5C	3	42-500-19	7	15	42-900-90	2.2	4.2
42-312-06N	5B	7	42-500-30	7	21	42-900-110	1	27
42-312-07	5B	3	42-500-50	6	25	42-900-110	2	1
42-312-07	6B	3	42-500-55	5	21	42-900-130	2.1	3
42-312-09N	5B	12	42-530-01	1	32	42-900-130	2.2	2.9
42-312-10	6B	13	42-530-01	7	1	84-121-11	5	22
42-312-11	6B	12	42-530-02	7	2	84-121-11	6	26
42-312-13	6B	10	42-530-03	7	3	84-121-11	6A	1
42-312-14	6D	3	42-530-30	1	38	94-100-31	4	10.2
42-312-14B	5D	3	42-530-30	7	12	94-116-08	5	23
42-313-15N	5	15.2	42-530-31	1	39	94-116-08	6	28
42-312-16	5B	1	42-530-31	7	11	*NOT SHOWN		
42-312-16	6B	1	42-530-32	1	40	123-0635*	7	
42-312-18	5C	4	42-530-32	7	10	123-0735*	7	
42-312-18	6C	4	42-530-53	5C	1	123-1895*	7	
42-312-20	6	14	42-530-63	6C	1	123-2187*	7	
42-312-20	6B	15	42-530-100	5	--	123-2407*	7	
42-312-31	5B	9	42-530-105	2.4	16	123-2525*	7	
42-312-33	5B	10	42-530-105	7	7			
42-320-04	6	16	42-530-106	7	6			
42-320-05	6D	1	42-530-107	7	20			
42-320-07	6	18	42-530-108	7	24			
42-320-09	6	19.1	42-530-110	6	--			
42-320-12	6	22	42-530-170	7	16			
42-320-14	6	23	42-530-200	2.4	1			
42-320-18	6C	8	42-530-210	1	36			
42-321-05	6A	7	42-530-210	7	14			
42-321-07	6A	7.2	42-530-220	1	37			
42-321-09	6A	7.1	42-530-220	7	13			
42-321-11	6A	6	42-550-15	1	42			
42-321-40	6A	8	42-550-21	1	41			
42-321-42	6A	8.1	42-550-26	6	29			
42-322-04	6	21	42-550-32	5	24			
42-322-04	6C	3	42-900-05	2	9			
42-322-06	6B	8	42-900-05	2.3	4.5			
42-322-09	6B	18	42-900-10	2.1	24			
42-322-10	6B	14	42-900-10	2.2	2.2			
42-322-15	6	19.2	42-900-15	2.1	28			
42-322-34	6B	21	42-900-15	2.2	2.1			
42-322-37	6B	16	42-900-25	2.4	15			
42-322-38	6	15	42-900-26	2.4	15A			
42-322-38	6B	11	42-900-40	2	8			
42-500-04	7	4	42-900-45	2	6			
42-500-08	1	33	42-900-45	2.2	2.3			
42-500-08	7	22	42-900-50	2	6			
42-500-14	1	34	42-900-50	2.2	2.3			
42-500-14	7	23	42-900-85	2.1	11			
42-500-15	7	17	42-900-90	2.2	3.2			

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12/23/2015

Part Number: 100-M1C, Rev. O