

Manufacturer's recommendations:

Always use original Qubica parts with your equipment.

The detailed parts listings in this appendix make it easy to locate parts for re-ordering. Always order spare parts by part number and description, not by index and page numbers because this information is subject to change.

Always supply your equipment serial number when placing an order.

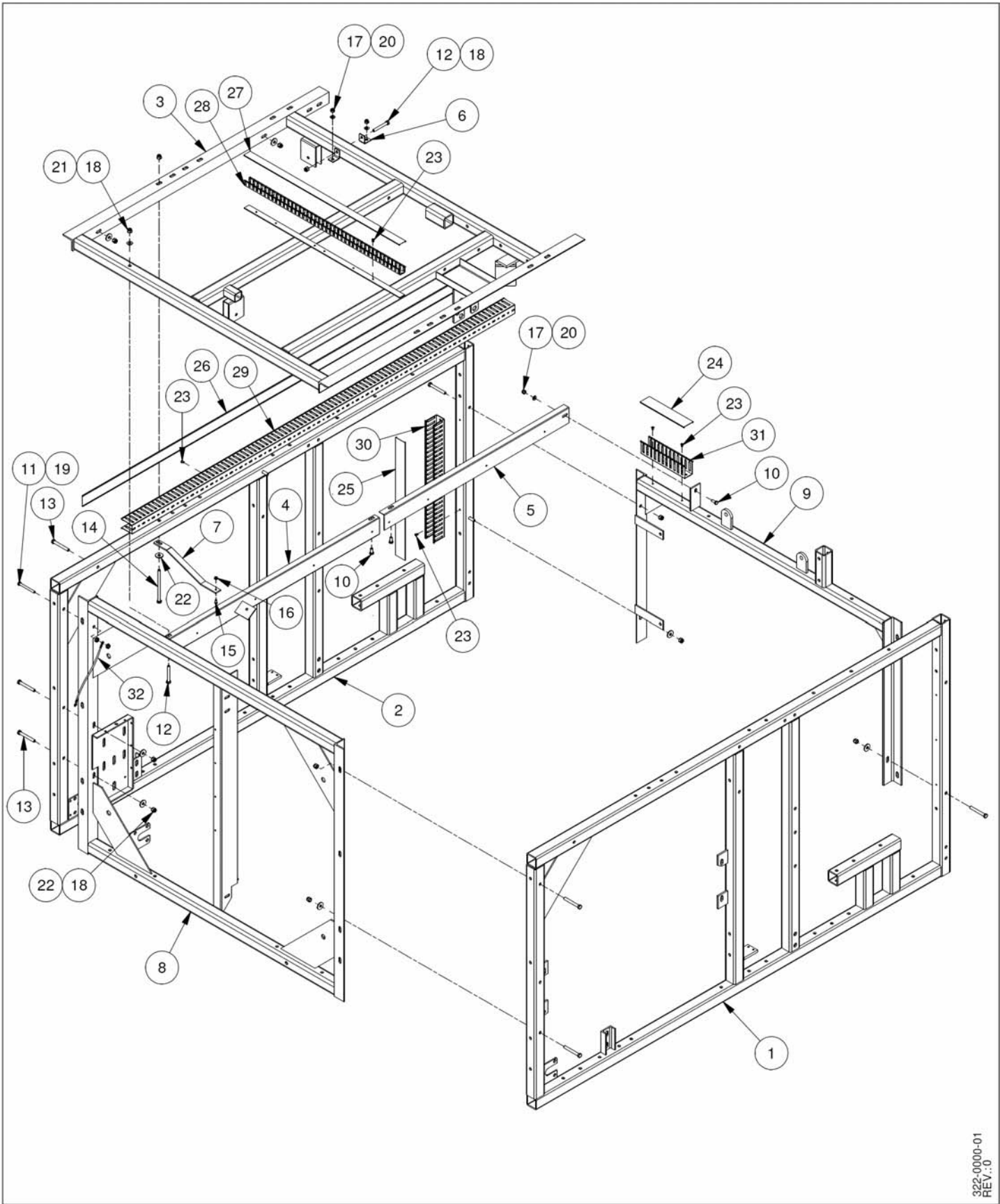
Note on cable assemblies

The cables which are internal to any given piece of equipment can be found on the page with that piece of equipment. Cables which interconnect various pieces of equipment are listed as "Associated interconnecting cables" on the left hand page, but not illustrated on the right hand page. These cables are illustrated in Section 2 of Appendix E of this manual. They are arranged there in sequential part number order.

Frame and Support

Pinsetter Frame Components 322-0000-01

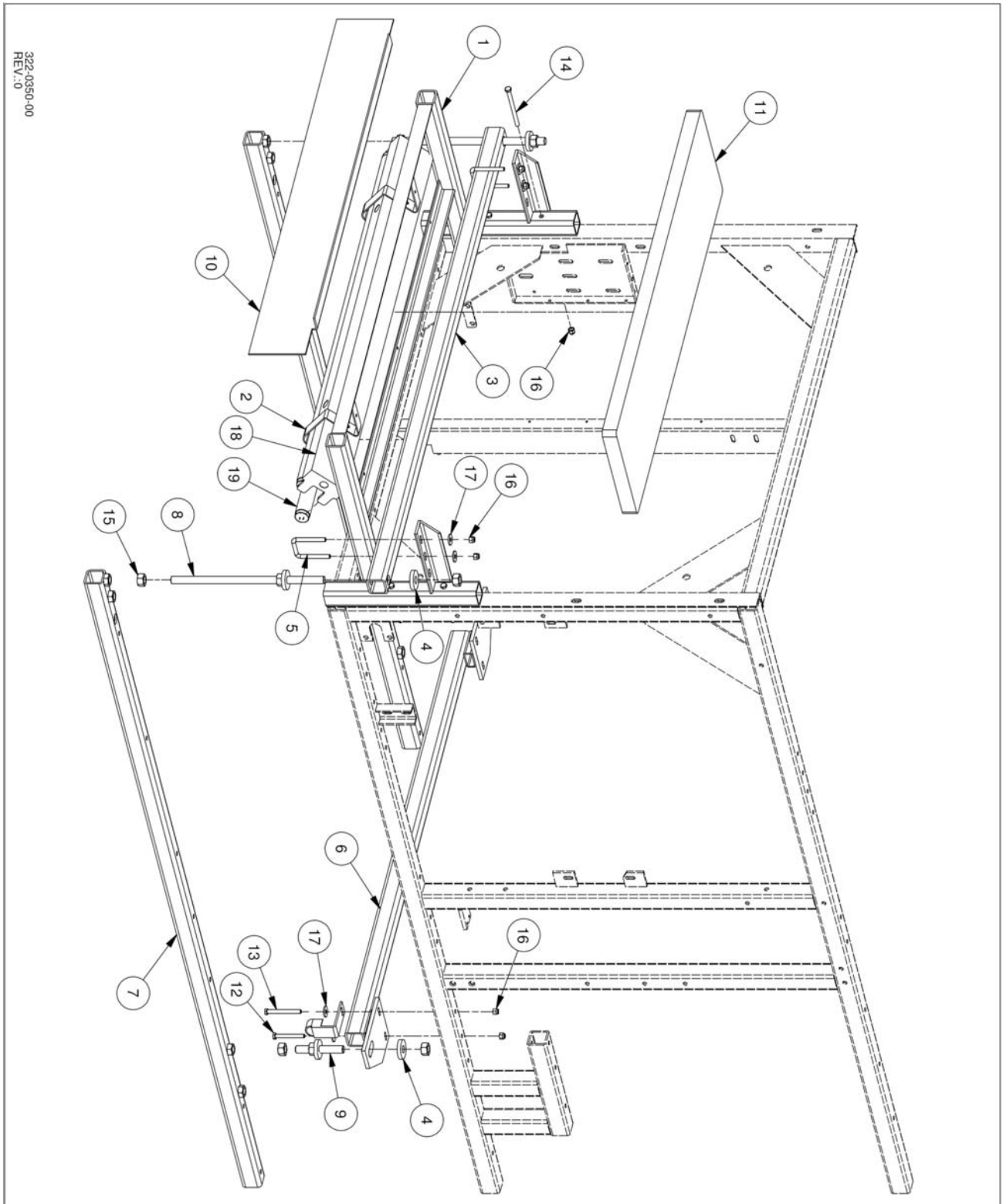
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-0000-01	PINSETTER FRAME [RIGHT]	1
2	302-0005-01	PINSETTER FRAME [LEFT]	1
3	302-0050-00	PINSETTER FRAME ASS'Y TOP	1
4	302-0060-00	WIRING CHANNEL FRONT	1
5	302-0070-00	WIRING DUCT SUPPORT (REAR)	1
6	302-0080-00	WIRING CHANNEL ANGLE	2
7	302-0090-00	WIRING CHANNEL BRACE	1
8	302-0100-00	PINSETTER FRAME FRONTE	1
9	302-0150-00	PINSETTER FRAME REAR	1
10	7010-003118-075	5/16-18 UNCX3/4 HEX CAP SCREW	3
11	7010-003118-300	5/16-18 UNCX3 HEX CAP SCREW	1
12	7010-003716-275	3/8-16 UNCX2 3/4 HEX CAP SCREW	2
13	7010-003716-300	3/8-16 UNCX3 HEX CAP SCREW	12
14	7010-003716-550	3/8-16 UNCX5.5000 in HEX CAP SCREW	1
15	7016-411032-050	10-32 UNFX1/2 MA SC RH SO	1
16	7036-001032-000	HEX NYLON NUT 10-32 UNF	1
17	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	3
18	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	15
19	7038-003118-000	5/16-18 UNC HEX KEEP NUT	2
20	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	3
21	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	1
22	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	11
23	7108-401800-050	3/16 X 1/2 ALU. POP RIVET DH	19
24	E-1631	WIRING DUCT COVER 9in [228.6mm]	1
25	E-1631	WIRING DUCT COVER 21in [533.4mm]	1
26	E-1631	WIRING DUCT COVER 78.75in [2.01m]	1
27	E-1632	WIRING DUCT COVER 32in [812.8mm]	1
28	E-1635	WIRING DUCT 32in [0.82m] LONG	1
29	E-1635	WIRING DUCT 78.75in [2.01m] LONG	1
30	E-1635	WIRING DUCT 21in [0.54m] LONG	1
31	E-1635	WIRING DUCT 9in [0.23m] LONG	1
32	EC-2001-G	GROUND CABLE ASSY	1



322-0000-01
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Pinsetter Support Components 322-0350-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-0200-00	CATWALK SUPPORT	1
2	302-0210-00	FLUORESCENT BRACKET	2
3	302-0250-00	FRONT CROSS SUPPORT	1
4	302-0260-00	SPECIAL WASHER	8
5	302-0270-00	U BOLT	2
6	302-0300-00	CROSS SUPPORT REAR	1
7	302-0350-00	KICKBACK TUBING	2
8	302-0360-00	THREAD ROD [FRONT]	2
9	302-0370-00	THREAD ROD [REAR]	2
10	303-0050-00	FLUORESCENT DEFLECTOR	1
11	306-0400-00	FRONT CAT WALK	1
12	7010-003716-300	3/8-16 UNCX3 HEX CAP SCREW	2
13	7010-003716-350	3/8-16 UNCX3 1/2 HEX CAP SCREW	2
14	7010-003716-500	3/8-16 UNCX5 HEX CAP SCREW	4
15	7034-007510-000	3/4-10 UNC HEXAGON NUT	12
16	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	12
17	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	9
18	E-F48	FIXTURE 48 DOUBLE	1
18	E-F48-220	FIXTURE 48 DOUBLE 220V	1
19	E-F48T	110V FLUORESCENT LIGHT TUBE, 48	2
19	E-F48T8	220V FLUORESCENT LIGHT TUBE, 48	2

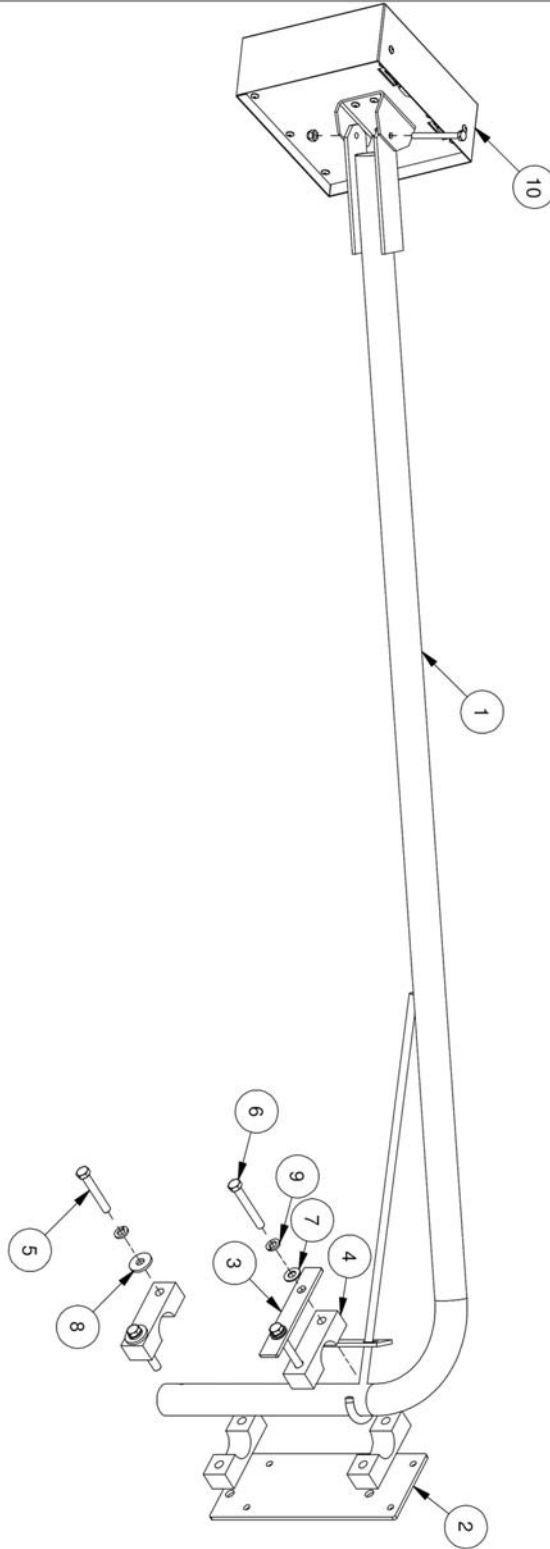


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Magnet Controller Arm Assembly 322-7250-00

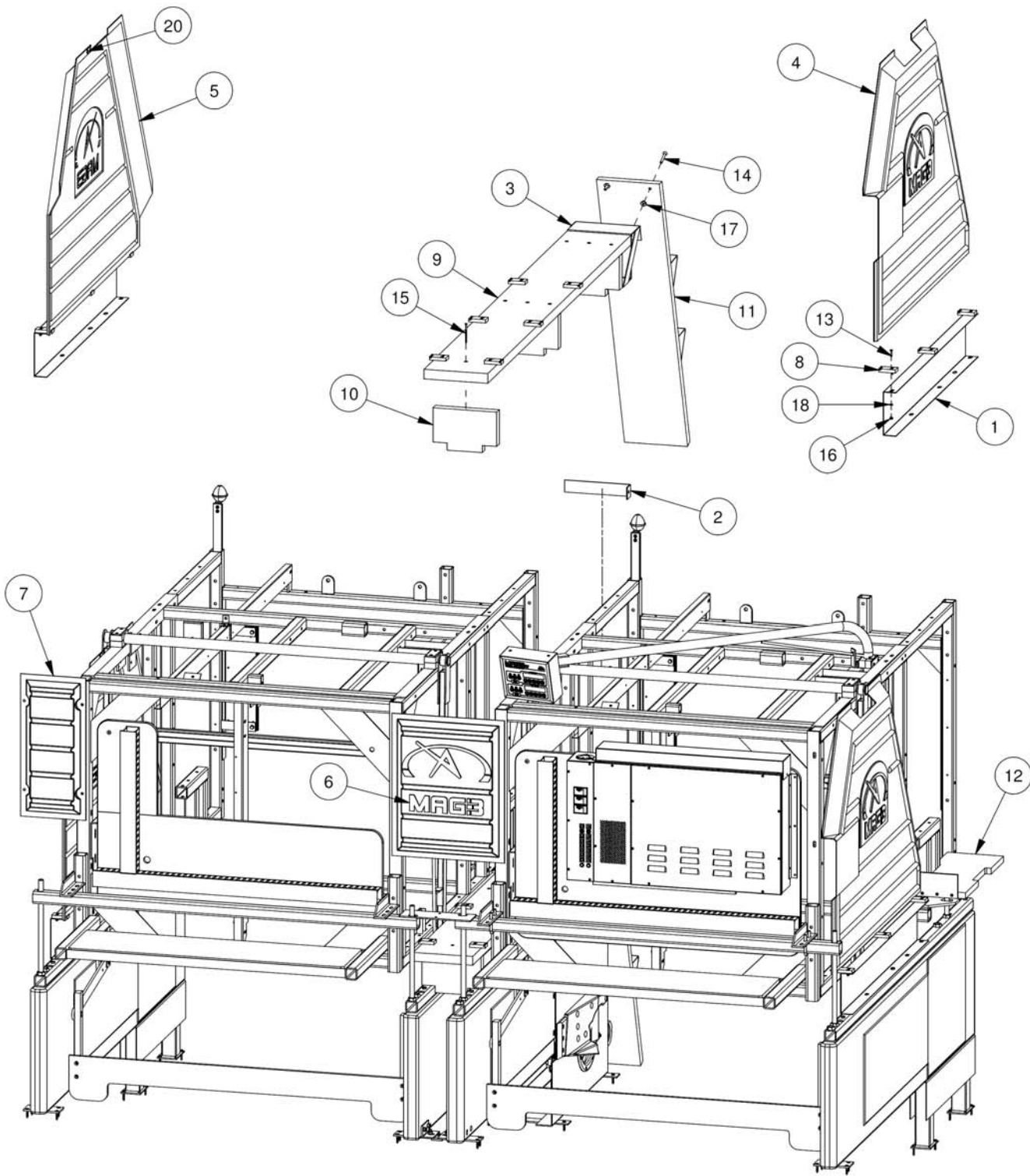
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-7250-00	PIVOT ARM	1
2	302-7260-00	MOUNTING PLATE	1
3	302-7270-00	PLATE-1	1
4	303-7250-00	CONTROLLER COLLAR	4
5	7010-003716-250	3/8-16 UNCX2 1/2 HEX CAP SCREW	2
6	7010-003716-275	3/8-16 UNCX2 3/4 HEX CAP SCREW	2
7	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	2
8	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	2
9	7060-037067-010	3/8 LOCK WASHER	4
10	SB-302-7200-10	MAG-3 CONTROLLER ASSY.	1

322-7250-00
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Guards & Accessories 333-0000-00

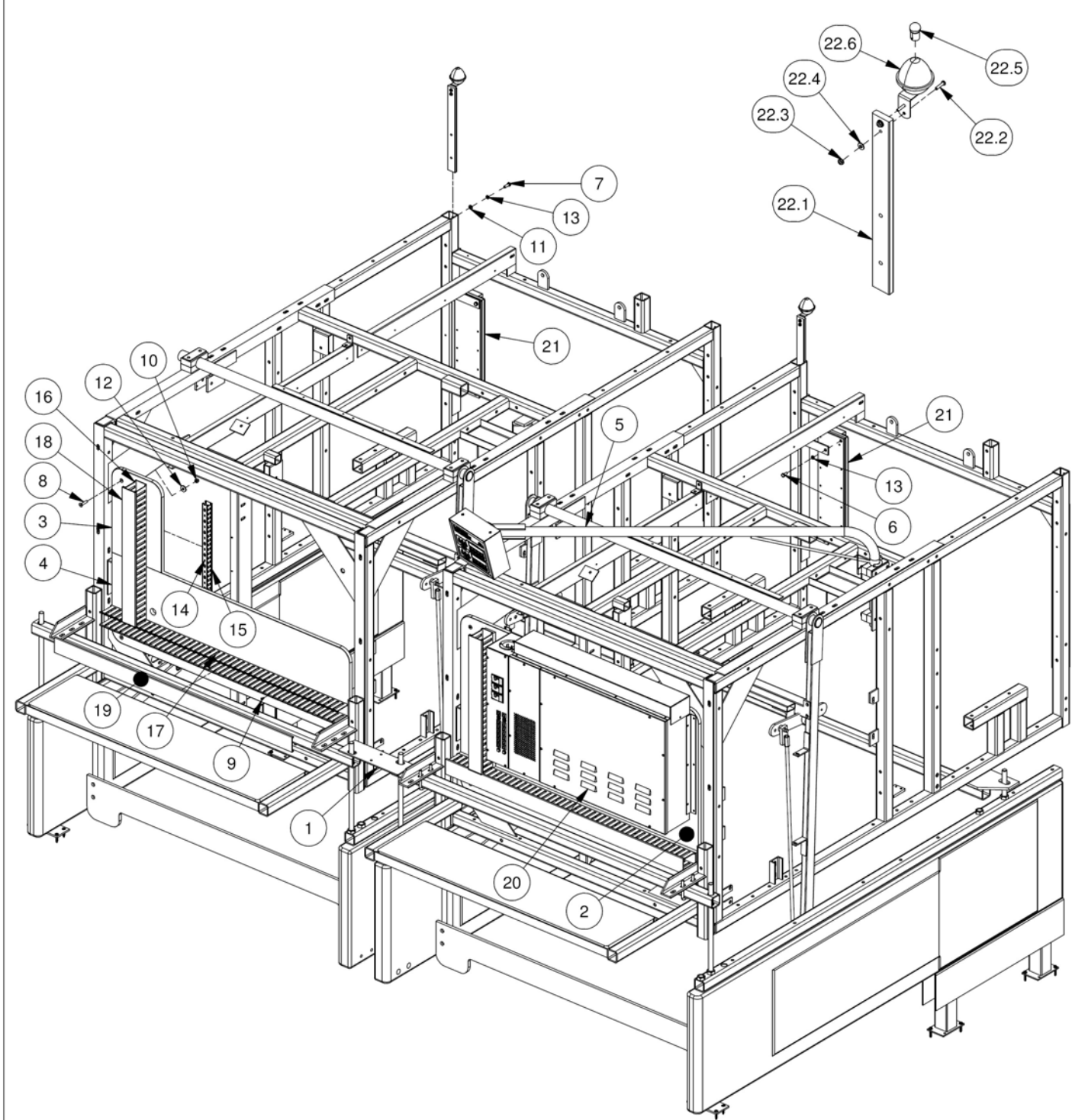
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-0450-00	GUARD SUPPORT	2
2	302-0470-00	REAR GATE	1
3	302-0600-00	STEP SUPPORT	1
4	303-0000-01	GUARD RIGHT	1
5	303-0005-01	GUARD LEFT	1
6	303-0010-01	FRONT COVER	1
7	303-0020-01	PINSETTER GUARD FRONT SINGLE	1
8	303-0030-00	PLASTIC SUPPORT GUARD	12
9	306-0500-00	CENTER CAT WALK	1
10	306-0510-00	SUPPORT CAT WALK	3
11	306-0600-00	CATWALK STEP	1
12	306-0800-00	DOUBLE KICKBACK SHELF	1
13	7016-311032-100	10-32 UNF X 1 FH MA SC	12
14	7016-313118-250	5/16-18 UNC X 2 1/2 FH MA SC	2
15	7026-311000-300	#10 X 3 SELF DR SCW FH SOCK	9
16	7036-001032-000	HEX NYLON NUT 10-32 UNF	12
17	7045-003118-037	5/16-18 UNC TEE NUT	2
18	7050-021050-006	7/32 X 1/2 X 3/64 FLAT WASHER	12
20	303-0040-00	GUARD VELCRO	1



333-0000-00
REV.:0

Cabling Accessories 322-7000-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-0390-00	WIRING PLATE	1
2	306-0100-00	CONTROL PANEL	1
3	306-0200-00	WIRING DUCT PANEL, SIDE	1
4	306-0300-00	WIRING DUCT PANEL, BOTTOM	1
5	322-7250-00	MAGNET CONTROLLER ARM ASSEMBLY	1
6	7010-003118-075	5/16-18 UNCX3/4 HEX CAP SCREW	4
7	7010-003118-100	5/16-18 UNCX1 HEX CAP SCREW	4
8	7016-313118-150	5/16-18 UNC X 1 1/2 FH MA SC	7
9	7024-710800-050	#8 X 1/2 TAP SCW PH SOCK	18
10	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	7
11	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	4
12	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	7
13	7060-031057-009	5/16 LOCK WASHER	8
14	E-1630	WIRING DUCT 16in [0.41m] LONG	2
15	E-1632	WIRING DUCT COVER 16in [406.4mm]	2
16	E-1633	WIRING DUCT 24in [609.6mm] LONG	2
17	E-1633	WIRING DUCT 48in [1219.2mm] LONG	2
18	E-1634	WIRING DUCT COVER 24in [609.6mm]	2
19	E-1634	WIRING DUCT COVER 48in [1219.2mm]	2
20	SB-302-7000-30	ELECTRONIC POWER BOX ASSEMBLY	1
21	SB-302-7100-00	CARROUSEL CONTROLER ASSY.	2
22	SB-45022	TROUBLE LIGHT ASSEMBLY	2
22.1	306-0700-00	MOUNTING PLATE	1
22.3	7016-410832-075	8-32 UNCX3/4 MA SC RH SO	2
22.4	7038-000832-000	8-32 UNC HEX KEEP NUT	2
22.5	7050-021050-006	7/32 X 1/2 X 3/64 FLAT WASHER	2
22.6	E-067	TROUBLE LIGHT BULB	1
22.2	E-45022	TROUBLE LIGHT	1



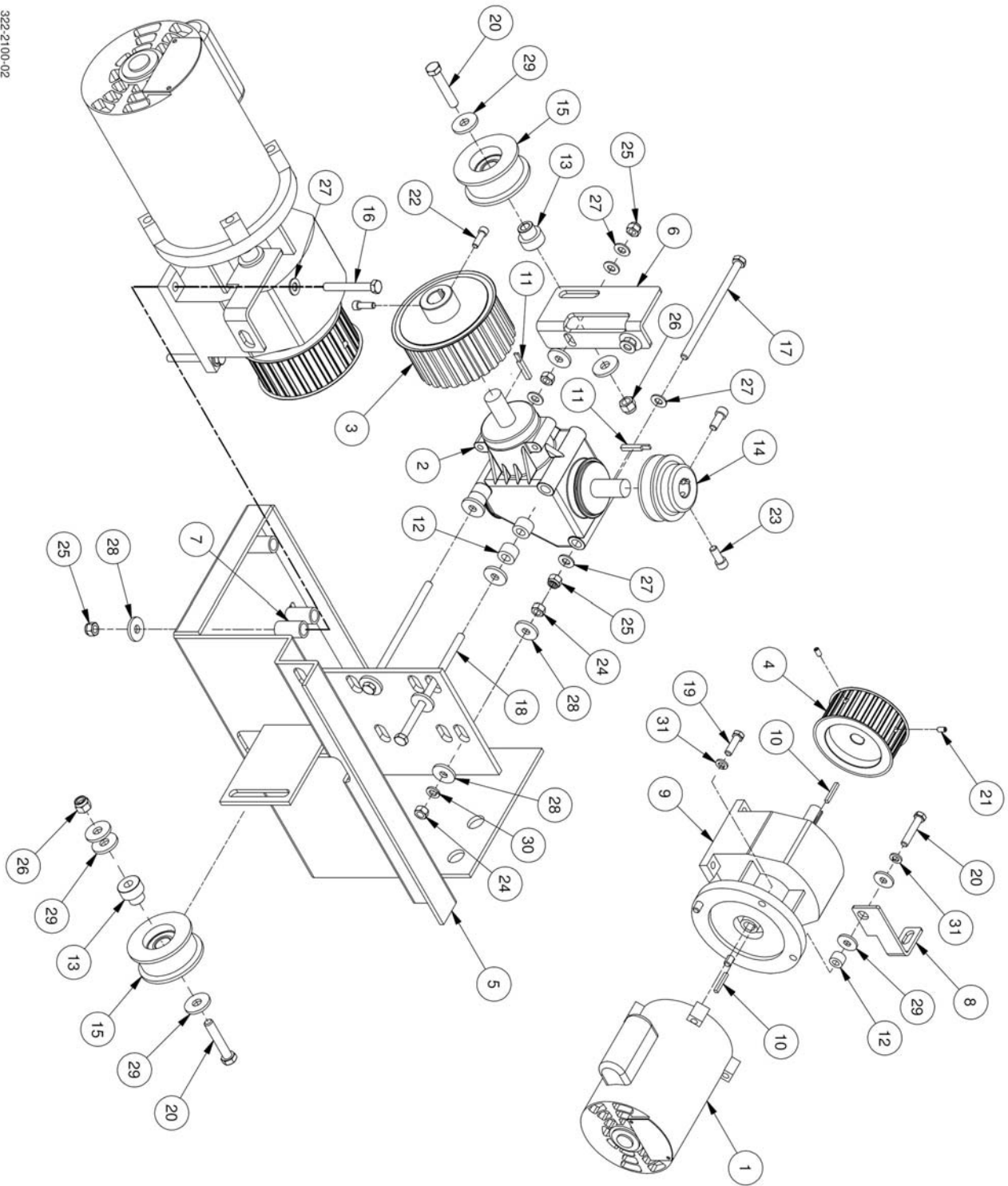
322-7000-00
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Drive Train

Main Drive 322-2100-02

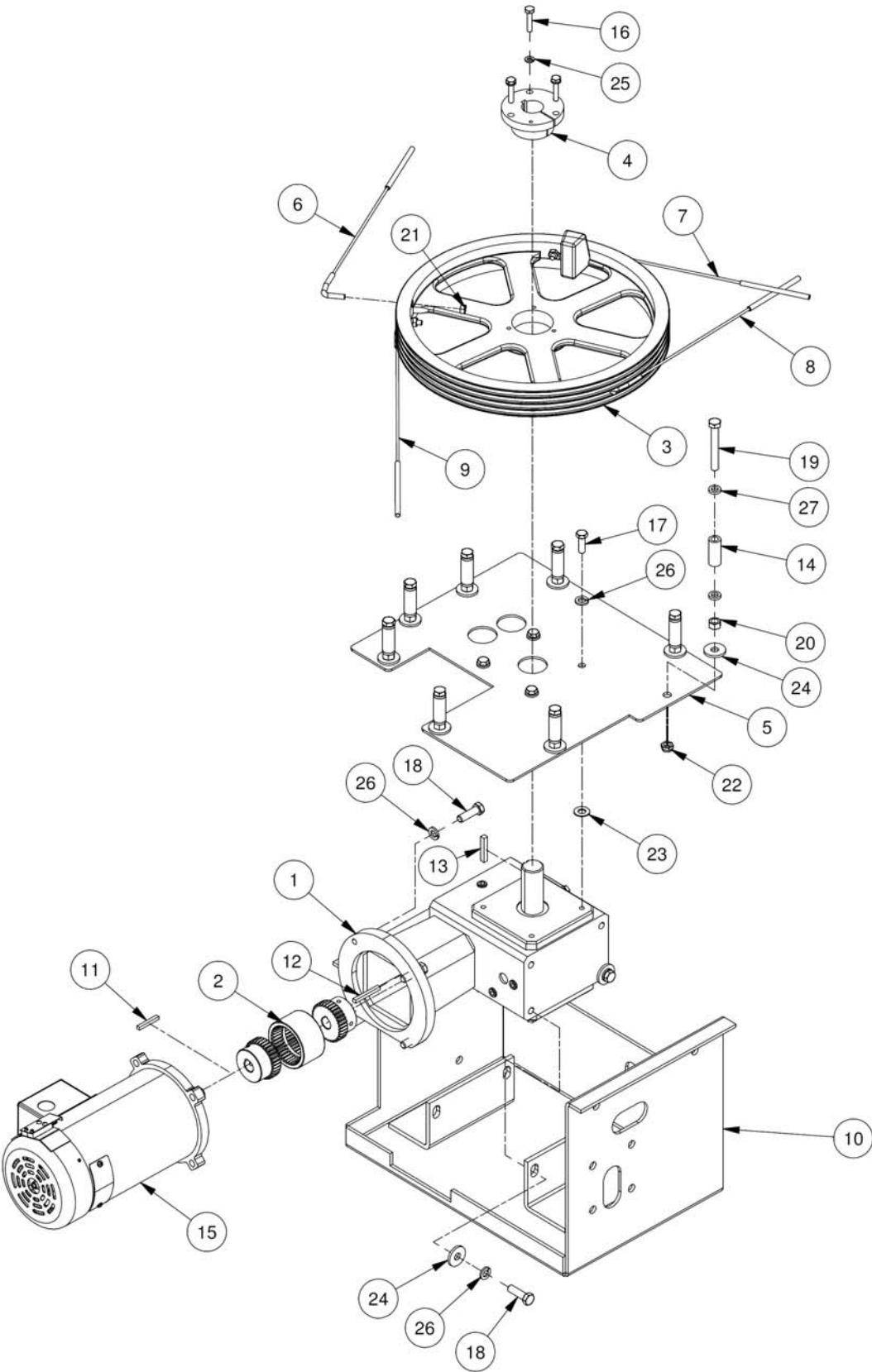
ITEM	PART NUMBER	DESCRIPTION	QTY
1	301-1200-00	ELECTRIC MOTOR 208/230 VAC 1/2	1
2	302-2000-01	ANGLE DRIVE	1
3	302-2010-01	PULLEY 28H200	1
4	302-2015-00	XPULLEYTEMPLATEDNA	1
5	302-2100-00	MAIN MOTOR FRAME	1
6	302-2110-00	BINDER BRACKET	1
7	302-2114-00	SPACER BUSHING	4
8	302-2120-01	MOTOR BRACE	1
9	302-2300-00	PARALLEL SHAFT GEAR BOX	1
10	302-2430-00	KEYWAY 3/16	2
11	302-2435-00	SPECIAL KEYWAY 3/16	2
12	302-3330-00	SPACER BUSHING	5
13	302-4500-00	SWEEP SPROCKET BUSHING	2
14	302-5110-00	CARROUSEL PULLEY	1
15	303-2350-00	PULLEY	2
16	7010-003118-250	5/16-18 UNCX2 1/2 HEX CAP SCREW	4
17	7010-003118-550	5/16-18 UNCX5 1/2 HEX CAP SCREW	1
18	7010-003118-600	5/16-18 UNCX6 HEX CAP SCREW	2
19	7010-003716-125	3/8-16 UNCX1 1/4 HEX CAP SCREW	3
20	7010-003716-200	3/8-16 UNCX2 HEX CAP SCREW	3
21	7014-002520-050	1/4-20 UNC X 1/2 SET SCREW	2
22	7018-002520-075	HEX SO CA SCW 1_4-20 UNCX0.75	2
23	7018-003118-075	5/16-18 UNCX3/4 HEX SO CA SCW	2
24	7034-003118-000	5/16-18 UNC HEXAGON NUT	4
25	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	7
26	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	2
27	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	12
28	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	12
29	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	7
30	7060-031057-009	5/16 LOCK WASHER	1
31	7060-037067-010	3/8 LOCK WASHER	4

322-2100-02
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Deck Drive Components 322-1300-01

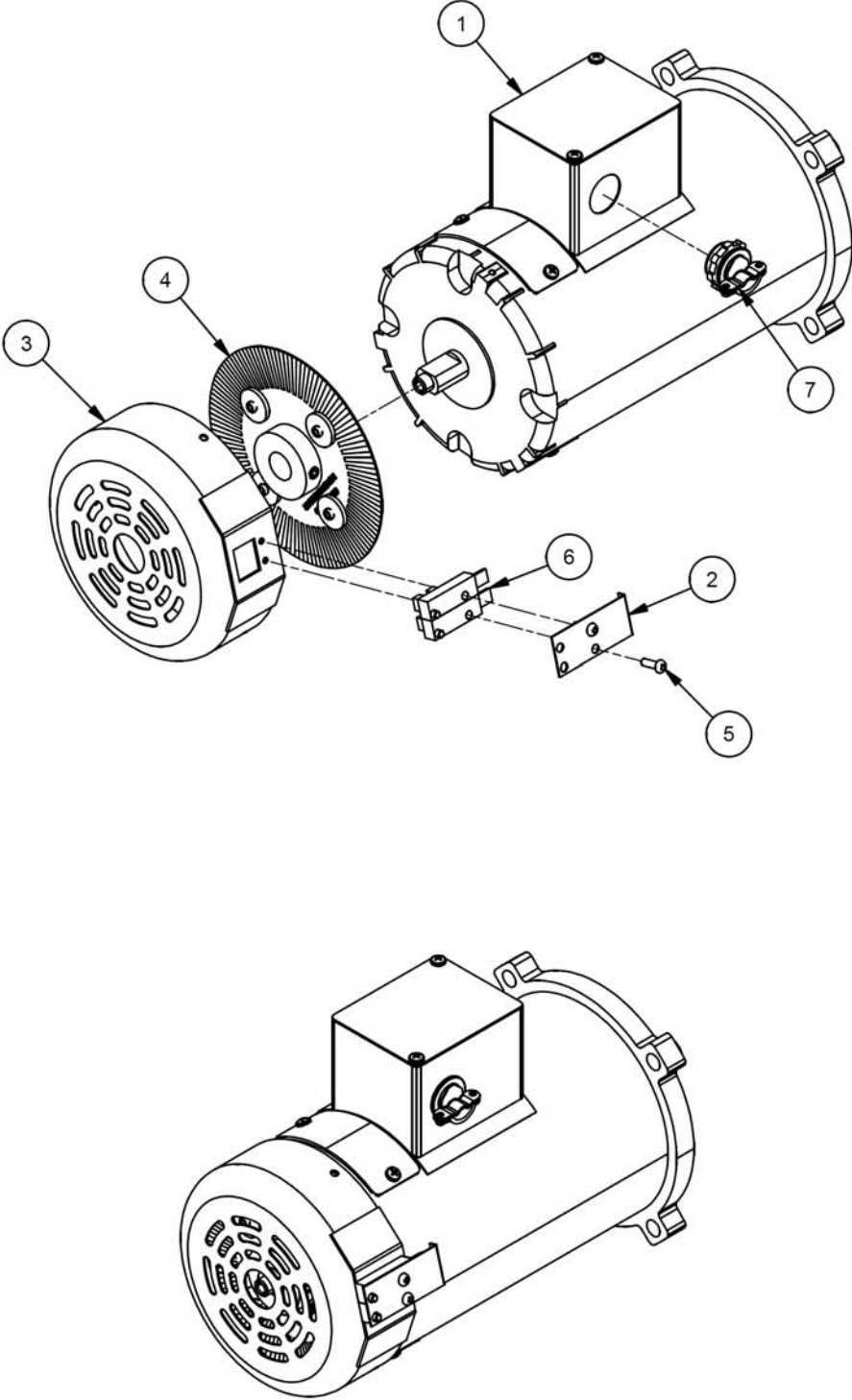
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-1000-01	MOTOR REDUCER BMQ1238-3 60@1	1
2	302-1040-00	COUPLING KIT	1
3	302-1100-00	DECK PULLEY	1
4	302-1110-00	PULLEY HUB, 1 1/8	1
5	302-1130-01	GUIDE PLATE	1
6	302-1150-00	DECK WIRE #1	1
7	302-1160-00	DECK WIRE #2	1
8	302-1170-00	DECK WIRE #3	1
9	302-1180-00	DECK LOAD WIRE	1
10	302-1300-00	DECK DRIVE TRAIN FRAME	1
11	302-2430-00	KEYWAY 3/16	1
12	302-2440-00	KEYWAY 3/16	1
13	302-2470-00	KEYWAY 1/4	1
14	303-5520-00	GUIDE ROLLER	8
15	311-1100-00	MOTOR ASSEMBLY	1
16	7010-002520-125	1/4-20 UNCX1 1/4 HEX CAP SCREW	3
17	7010-003118-100	5/16-18 UNCX1 HEX CAP SCREW	4
18	7010-003716-125	3/8-16 UNCX1 1/4 HEX CAP SCREW	8
19	7010-003716-275	3/8-16 UNCX2 3/4 HEX CAP SCREW	8
20	7034-003716-000	3/8-16 UNC HEXAGON NUT	8
21	7040-002520-00	HEX NUT	4
22	7044-003716-000	HEX THIN NYLON NUT 3/8-16 UNC	8
23	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	4
24	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	12
25	7060-025046-006	1/4 LOCK WASHER	3
26	7060-037067-010	3/8 LOCK WASHER	12
27	7652-037062-012	3/8 X 5/8 NYL SPACER WASH	16



322-1300-01
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Deck Motor Assembly 311-1100-00

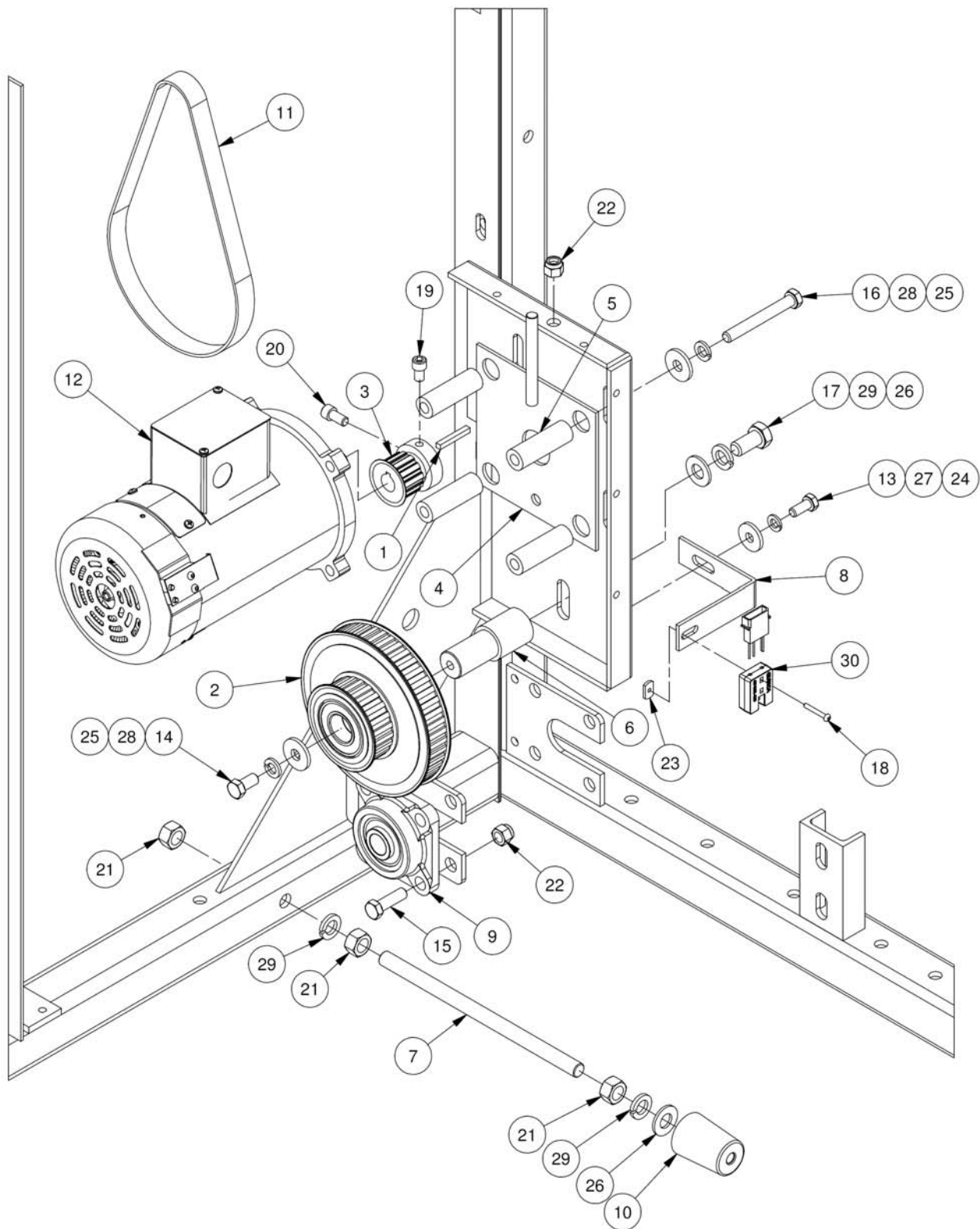
ITEM	PART NUMBER	DESCRIPTION	QTY
1	301-1100-00	ELECTRIC MOTOR, 180VDC 3/4HP	1
2	302-2200-00	CONNECTION RETAINER	1
3	302-2210-00	ENCODER, DC MOTOR COVER	1
4	322-2220-00	MOTOR ENCODER PLATE ASSY	1
5	7016-410632-050	6-32 UNCX1/2 MA SC RH SO	2
6	E-GP1A05	ENCODER OPTICAL SENSOR	2
7	E-THS3350	STRAIN RELIEF	1



311-1100-00
REV.:0

Drive Components 322-3004-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-2430-00	KEYWAY 3/16	1
2	302-3110-00	TIMING PULLEY [48L075, 24LB075]	1
3	302-3120-00	PULLEY 12L075	1
4	302-3130-00	TENSION PLATE	1
5	302-3140-00	MOTOR SPACER	4
6	302-3150-00	SHAFT TIMING PULLEY DOUBLE	1
7	302-3310-00	THREAD ROD	1
8	302-3500-00	OPTO FRONT BRACKET	1
9	302-6211-00	FLANGE BEARING	1
10	303-3310-00	STAGING MAGNET	1
11	304-3010-00	DRAWER MOTOR BELT, 255L075	1
12	311-1000-00	DRAWER MOTOR ASSY, 180VDC 1/2HP	1
13	7010-003118-075	5/16-18 UNCX3/4 HEX CAP SCREW	4
14	7010-003716-075	3/8-16 UNCX3/4 HEX CAP SCREW	1
15	7010-003716-125	3/8-16 UNCX1 1/4 HEX CAP SCREW	4
16	7010-003716-300	3/8-16 UNCX3 HEX CAP SCREW	4
17	7010-005013-100	1/2-13 UNCX1 HEX CAP SCREW	1
18	7016-410632-100	6-32 UNCX1 MA SC RH SO	1
19	7018-003118-050	5/16-18 UNCX1/2 HEX SO CA SCW	1
20	7018-003118-062	5/16-18 UNCX5/8 HEX SO CA SCW	1
21	7034-005013-000	1/2-13 UNC HEXAGON NUT	3
22	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	5
23	7046-000632-006	6-32 UNCX1/16 WELD NUT	1
24	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	1
25	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	5
26	7050-050106-009	17/32 X 1 1/16 X 3/32 FLAT WASHER	2
27	7060-031057-009	5/16 LOCK WASHER	1
28	7060-037067-010	3/8 LOCK WASHER	5
29	7060-050087-012	1/2 LOCK WASHER	3
30	SB-ECIL-325-FS	OPTICAL SENSOR ASSY WHITE	1

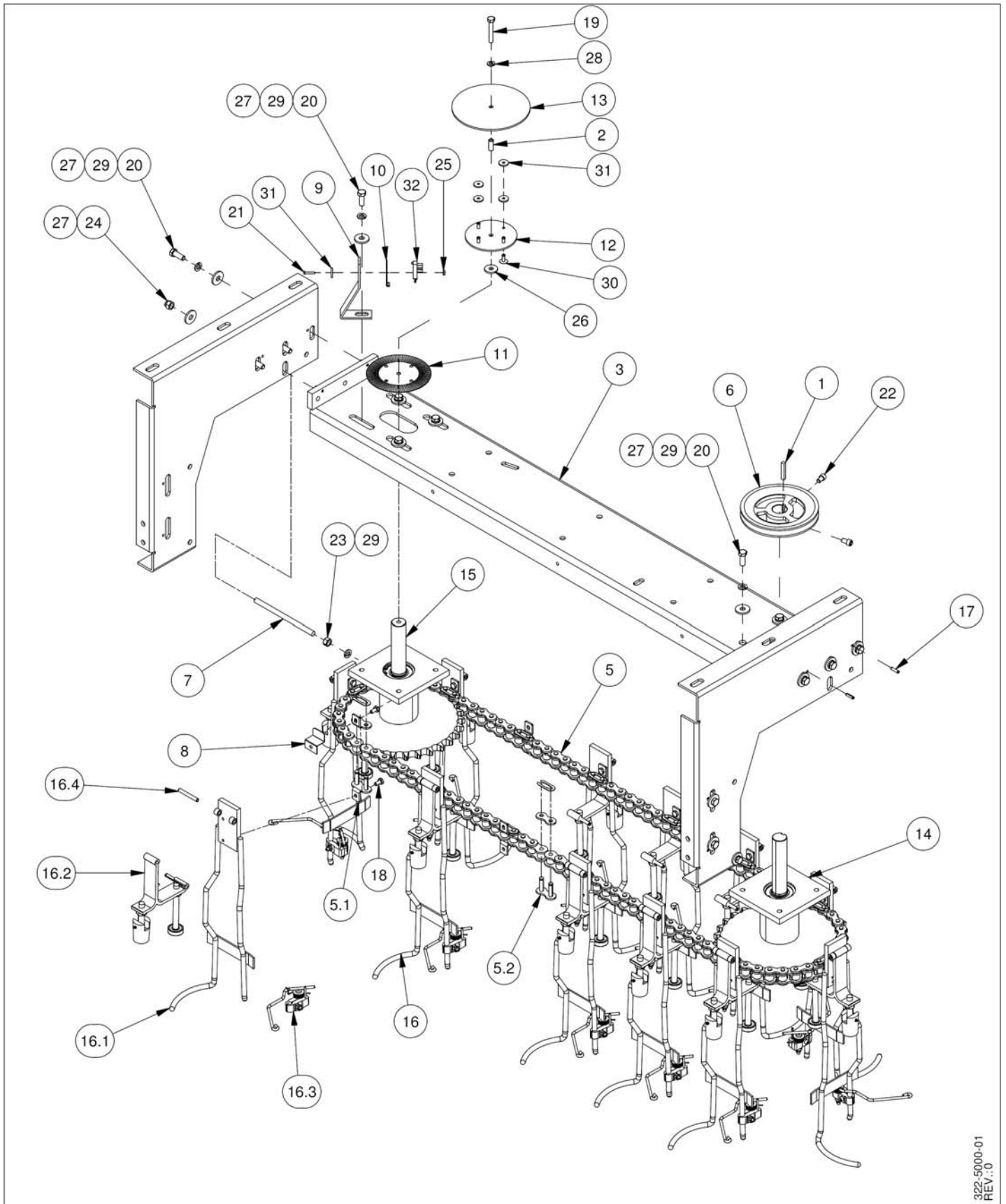


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Carousel

Top Components 322-5000-01

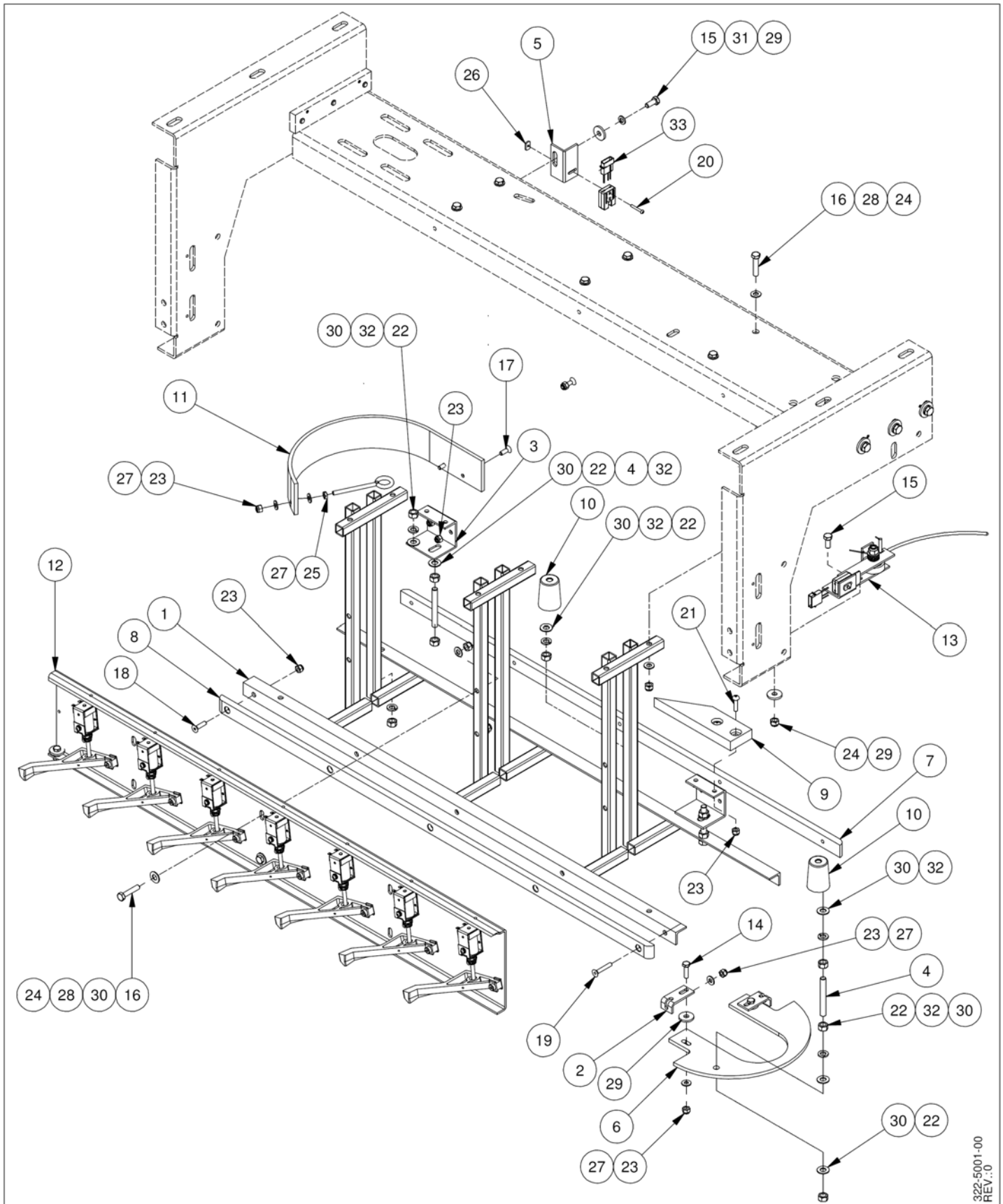
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-2470-00	KEYWAY 1/4	1
2	302-3450-00	SPACER SHORT	1
3	302-5000-01	CARROUSEL CHANNEL	1
4	302-5005-00	TURRET SIDE PLATE	2
5	302-5050-00	CARROUSEL CHAIN	1
5.1	302-5040-00	CHAIN COUPLING, #80-K1	14
5.2	302-5045-00	CHAIN COUPLING	1
6	302-5100-00	CARROUSEL PULLEY	1
7	302-5240-00	TENSIONNER ROD CAROUSEL HUB	1
8	302-5330-00	ACTUATOR OPTO	1
9	302-5800-00	CARROUSEL OPTO SUPPORT	1
10	302-5805-00	CONNECTION RETAINER	1
11	303-5810-00	CARROUSEL ENCODER	1
12	308-5810-00	ENCODER SUPPORT PLATE	1
13	308-5820-00	ENCODER GUARD	1
14	322-5060-00	SHAFT SPROCKET ASSY, COMPLETE	1
15	322-5070-00	IDLER SPROCKET ASSY, COMPLETE	1
16	322-5120-00	CARROUSEL BUCKET ASSY.	14
16.1	302-5120-00	CARROUSEL BUCKET	1
16.2	322-5130-01	PIN LOADER ASSY	1
16.3	322-5860-00	PIN HOLDER ARM ASSY.	1
16.4	302-5140-00	BUCKET DOWEL 1/4 X 2	1
17	7006-001800-075	SPRING PIN 3/16 X 3/4	4
18	7010-002520-050	1/4-20 UNC X 1/2 HEX CAP SCREW	28
19	7010-003118-200	5/16-18 UNC X 2 HEX CAP SCREW	1
20	7010-003716-100	3/8-16 UNC X 1 HEX CAP SCREW	14
21	7016-410632-075	6-32 UNC X 3/4 MA SC RH SO	1
22	7018-003118-050	5/16-18 UNC X 1/2 HEX SO CA SCW	2
23	7034-003716-000	3/8-16 UNC HEXAGON NUT	1
24	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	1
25	7038-000632-000	6-32 UNC HEX KEEP NUT	1
26	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	1
27	7050-040112-012	13/32 X 1 X 1/8 X 1/8 FLAT WASHER	15
28	7060-031057-009	5/16 LOCK WASHER	1
29	7060-037067-010	3/8 LOCK WASHER	15
30	7108-401800-050	3/16 X 1/2 ALU. POP RIVET DH	4
31	7150-019075-009	.193 X 3/4 X 3/32 FLAT WASHER	5
32	E-GP1A05	ENCODER OPTICAL SENSOR	1



322-5000-01
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Carousel Main Components 322-5001-00

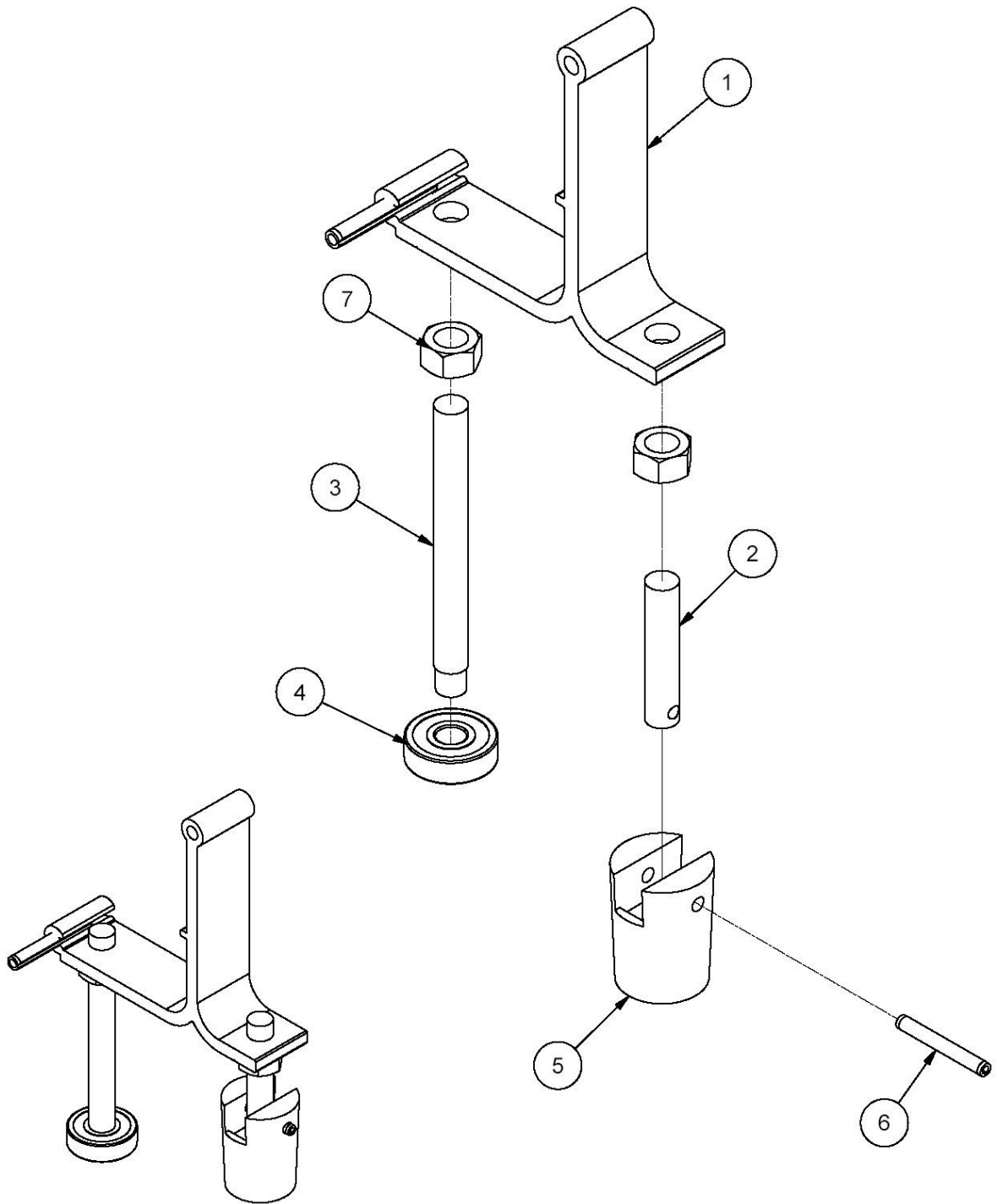
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-5200-00	CARROUSEL FRAME [CENTER]	1
2	302-5225-00	GUIDE BRACKET	2
3	302-5250-00	GUIDE BRACKET	2
4	302-5260-00	THREAD ROD	4
5	302-5320-00	OPTICAL SENSOR BRACKET	1
6	303-5200-00	CARROUSEL BUCKET GUIDE	1
7	303-5220-00	PLASTIC SLIDE	1
8	303-5225-00	PLASTIC SLIDE	1
9	303-5250-00	PLASTIC GUIDE	1
10	303-5260-00	ECCENTRIC MAGNET	2
11	303-5280-00	CARROUSEL GUIDE	1
12	322-5210-01	CARROUSEL SOLENOIDS ASS'Y	1
13	322-5300-00	PIN DETECTOR ASS'Y	1
14	7010-002520-100	1/4-20 UNC X 1 HEX CAP SCREW	2
15	7010-003118-075	5/16-18 UNC X 3/4 HEX CAP SCREW	8
16	7010-003118-150	5/16-18 UNC X 1/2 HEX CAP SCREW	17
17	7016-312520-075	1/4-20 UNC X 3/4 FH MA SC	2
18	7016-312520-100	1/4-20 UNC X 1 FH MA SC	8
19	7016-312520-150	1/4-20 UNC X 1 1/2 FH MA SC	2
20	7016-410632-100	6-32 UNC X 1 MA SC RH SO	1
21	7016-412520-100	1/4-20 UNC X 1 MA SC RH SO	2
22	7034-003716-000	3/8-16 UNC HEXAGON NUT	15
23	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	17
24	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	20
25	7042-002528-000	1/4-28 UNF HEXAGON NUT	1
26	7046-000632-006	6-32 UNC X 1/16 WELD NUT	1
27	7050-028062-006	9/32 X 5/8 X 1/16 FLAT WASHER	6
28	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	33
29	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	12
30	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	14
31	7060-031057-009	5/16 LOCK WASHER	11
32	7060-037067-010	3/8 LOCK WASHER	23
33	SB-ECIL-325-FS	OPTICAL SENSOR ASSY WHITE	1



322-5001-00
REV.0

Pin loader 322-5130-01

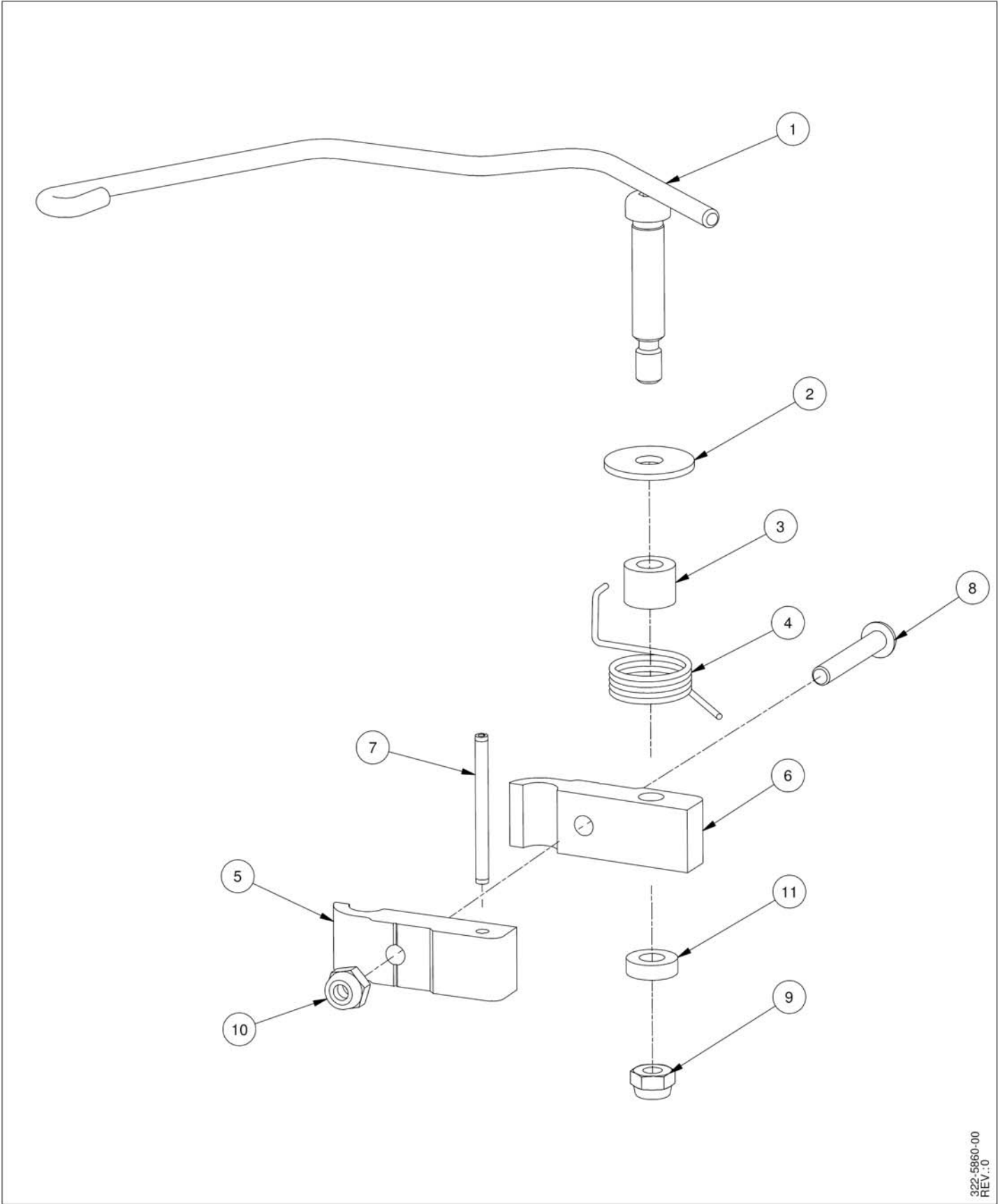
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-5130-01	PIN LOADER TOP	1
2	302-5131-00	MAGNET ATTACHMENT ROD	1
3	302-5132-00	BEARING ATTACHMENT ROD	1
4	302-6200-00	BALL BEARING	1
5	303-5130-00	CARRYING MAGNET	1
6	7006-001800-150	SPRING PIN 3/16 X 1 1/2	1
7	7034-004320-000	7/16-20 UNF HEXAGON NUT	2



322-5130-01
REV: 0

Pin Holder Assembly 322-5860-00

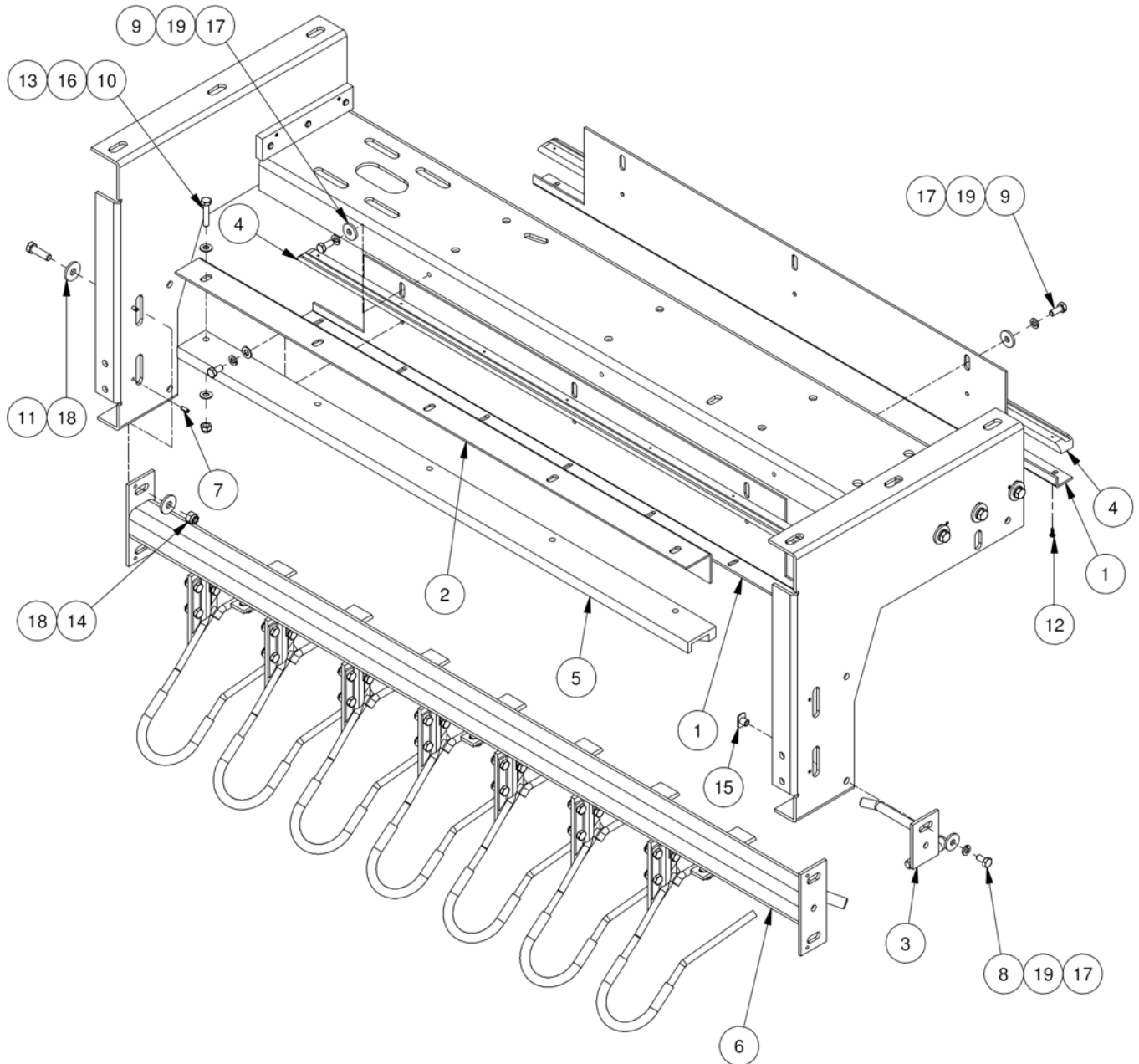
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-5860-00	PIN HOLDER ARM	1
2	303-5860-00	NYLON WASHER	1
3	303-5865-00	BUSHING	1
4	305-5860-00	SPRING	1
5	308-5860-00	PIN LOADER CLAMP [RIGHT]	1
6	308-5865-00	PIN LOADER CLAMP [LEFT]	1
7	7006-001200-150	SPRING PIN 1/8 X 1 1/2	1
8	7016-411032-125	10-32 UNFX1 1/4 MA SC RH SO	1
9	7036-001024-000	HEX NYLON NUT 10-24 UNC	1
10	7036-001032-000	HEX NYLON NUT 10-32 UNF	1
11	E-W5007	NYLON SPACER (1/4X1/2X5/32)	1



322-5860-00
REV.:0

Carousel Main Components 322-5002-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-5010-01	MOUNTING PLATE	2
2	302-5020-00	GUIDE PLATE	1
3	302-5730-00	PIN GUIDE	1
4	303-5010-01	CHAIN GUIDE SUPPORT	2
5	303-5020-01	BUCKET GUIDE	1
6	322-5700-01	HEAD REST FRAME	1
7	7006-001800-050	SPRING PIN 3/16 X 1/2	4
8	7010-003118-062	5/16-18 UNCX5/8 HEX CAP SCREW	4
9	7010-003118-075	5/16-18 UNCX3/4 HEX CAP SCREW	6
10	7010-003118-150	5/16-18 UNCX1 1/2 HEX CAP SCREW	17
11	7010-003716-125	3/8-16 UNCX1 1/4 HEX CAP SCREW	4
12	7024-410800-050	#8 X 1/2 TAP SCW PH SOCK	14
13	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	18
14	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	5
15	7046-003118-037	5/16-18 UNC TEE NUT	1
16	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	31
17	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	11
18	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	23
19	7060-031057-009	5/16 LOCK WASHER	11

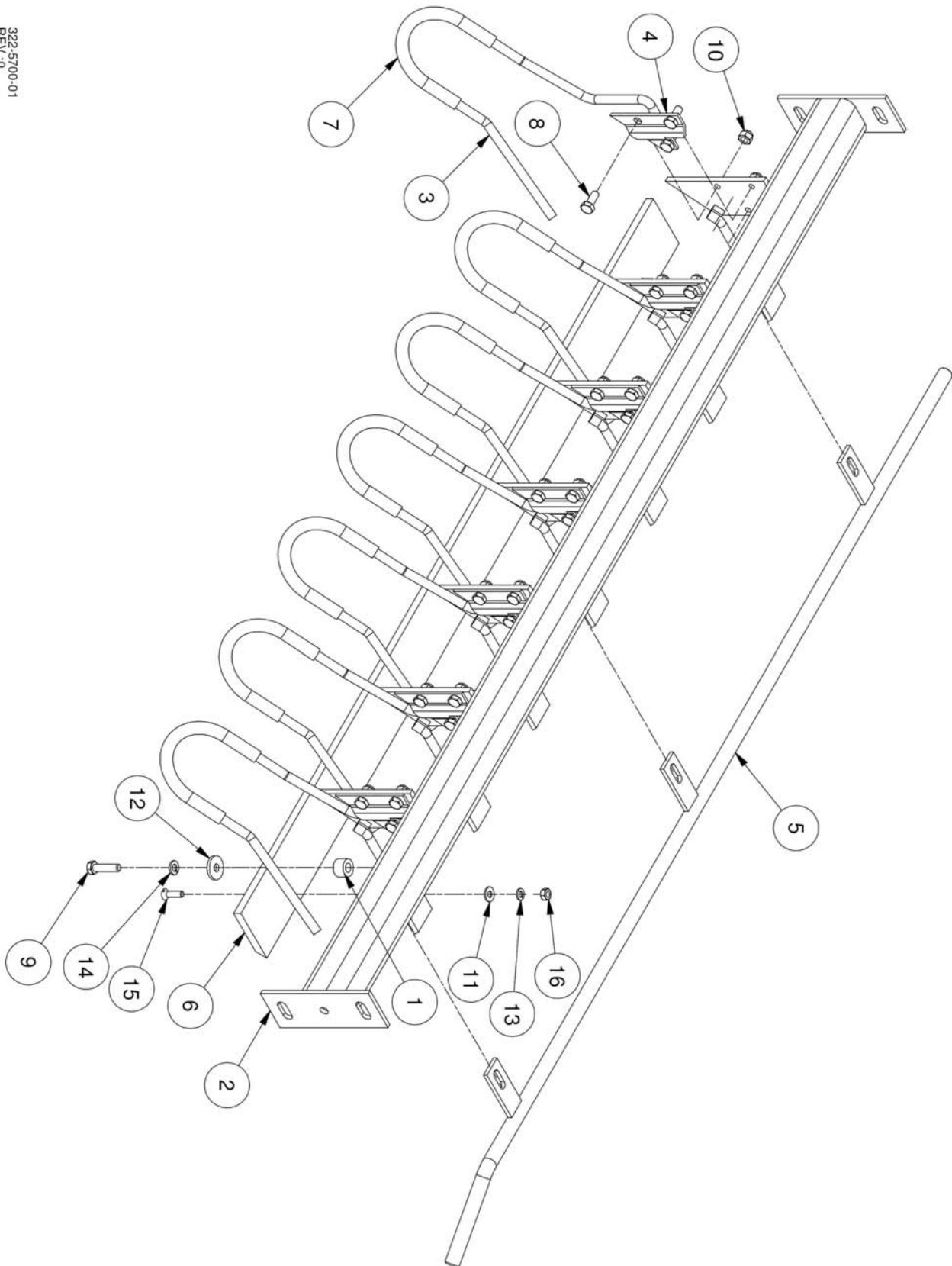


Pin Head Rest Frame Assembly 322-5700-01

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-3330-00	SPACER BUSHING	3
2	302-5700-01	HEAD REST FRAME	1
3	302-5703-00	HEAD REST FRAME ROD	7
4	302-5705-00	HEAD REST FRAME ROD HOLDER	7
5	302-5710-01	MAGNET GUIDE ROD	1
6	303-5700-00	MAGNET DISENGAGEMENT PLATE	1
7	304-5700-00	PIN HEAD REST	7
8	7010-003118-075	5/16-18 UNCX3/4 HEX CAP SCREW	21
9	7010-003118-125	5/16-18 UNCX1 1/4 HEX CAP SCREW	3
10	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	21
11	7050-028062-006	9/32 X 5/8 X 1/16 FLAT WASHER	4
12	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	3
13	7060-025046-006	1/4 LOCK WASHER	4
14	7060-031057-009	5/16 LOCK WASHER	3
15	7316-312520-075	MA SC FH SLOT CUIVRE, 1/4-20 UNCX0.75	4
16	7334-002520-000	1/4-20 UNC HEXAGON NUT CUIVRE	4

CARROUSEL

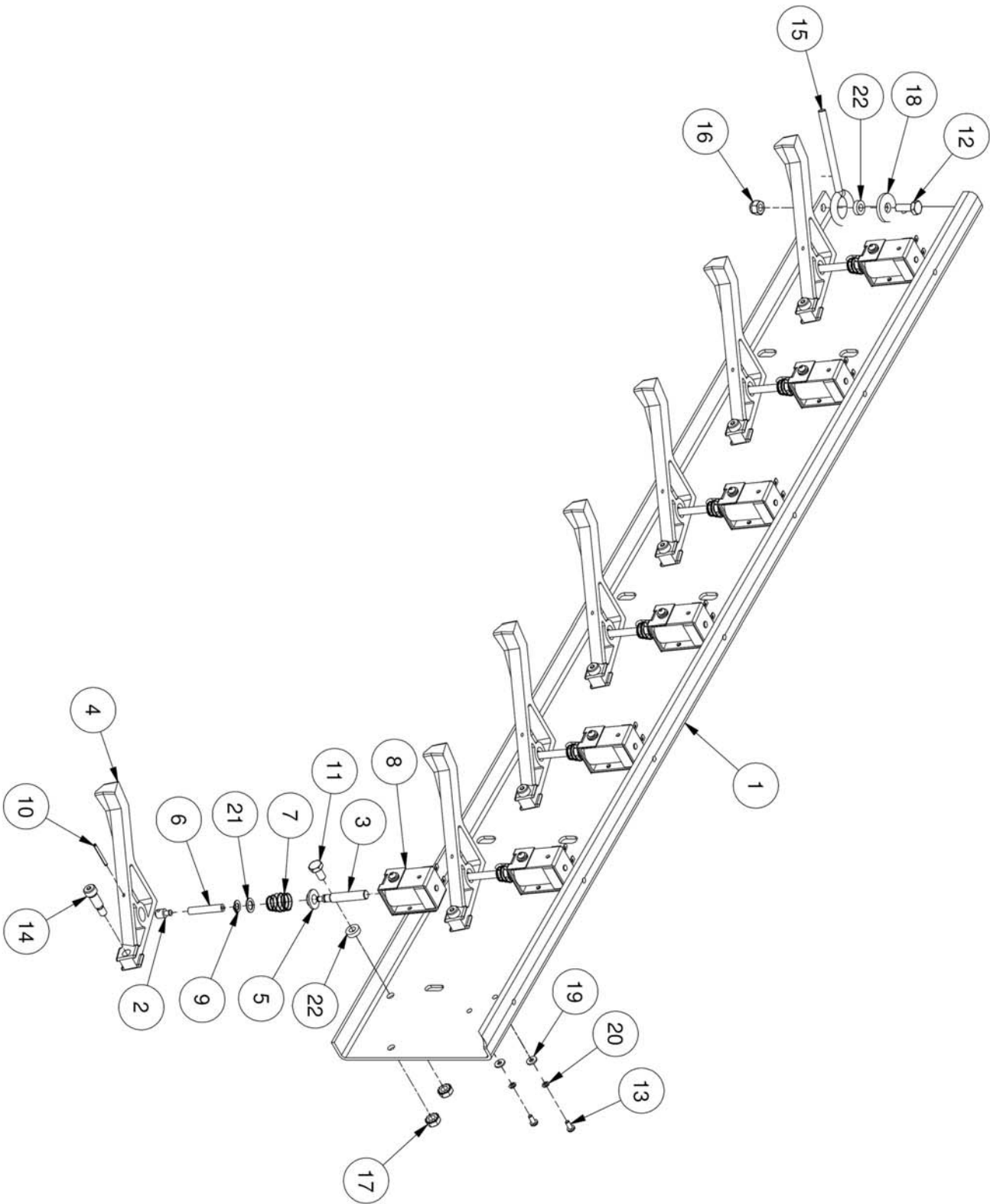
322-5700-01
REV.:0



Carrousel Solenoid 322-5210-01

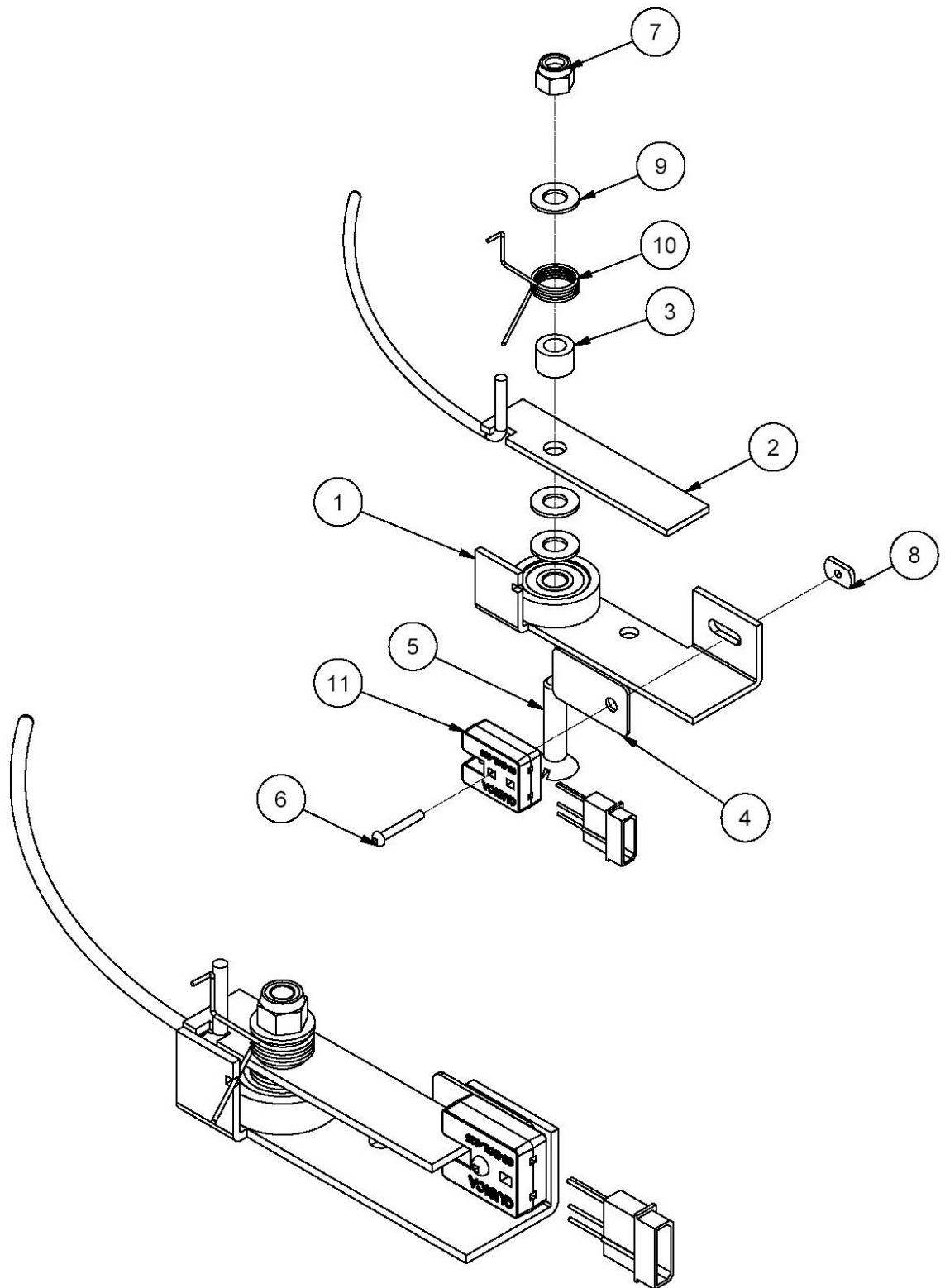
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-5210-01	SOLENOID MOUNTING PLATE	1
2	302-5220-01	BLOCK ATTACHMENT	7
3	302-5270-01	SPECIAL SOLENOID SHAFT	7
4	303-5210-00	SOLENOID CAM	7
5	303-5530-00	SPRING RETAINER	7
6	304-5270-00	SOLENOID HOSE	7
7	305-5500-00	SHAFT SPRING	7
8	399-5170-00	SOLENOID KIT, 24 VAC W/O PLUNGER	7
9	7002-710000-025	1/4 EXTERNAL RETAIN. RING	7
10	7006-000900-100	SPRING PIN 3/32 X 1	7
11	7010-002520-050	1/4-20 UNCX1/2 HEX CAP SCREW	7
12	7010-002520-075	1/4-20 UNCX3/4 HEX CAP SCREW	1
13	7016-430632-031	6-32 UNC X 5-16 PHILLIPS PAN HEAD	14
14	7020-003100-062	5/16 X 5/8 SHOULDER SCREW	7
15	7032-002520-400	1/4-20 UNC X 4 EYE BOLT	1
16	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	1
17	7038-002520-000	1/4-20 UNC HEX KEEP NUT	14
18	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	1
19	7052-015037-004	5/32 X 3/8 X 3/64 FLAT WASHER	14
20	7060-006046-003	#6 LOCK WASHER	14
21	7650-031050-003	.317 X .500 FLAT WASHER	7
22	E-W5007	NYLON SPACER (1/4X1/2X5/32)	8

322-5210-01
REV:0



Pin Detector Actuator 322-5300-00

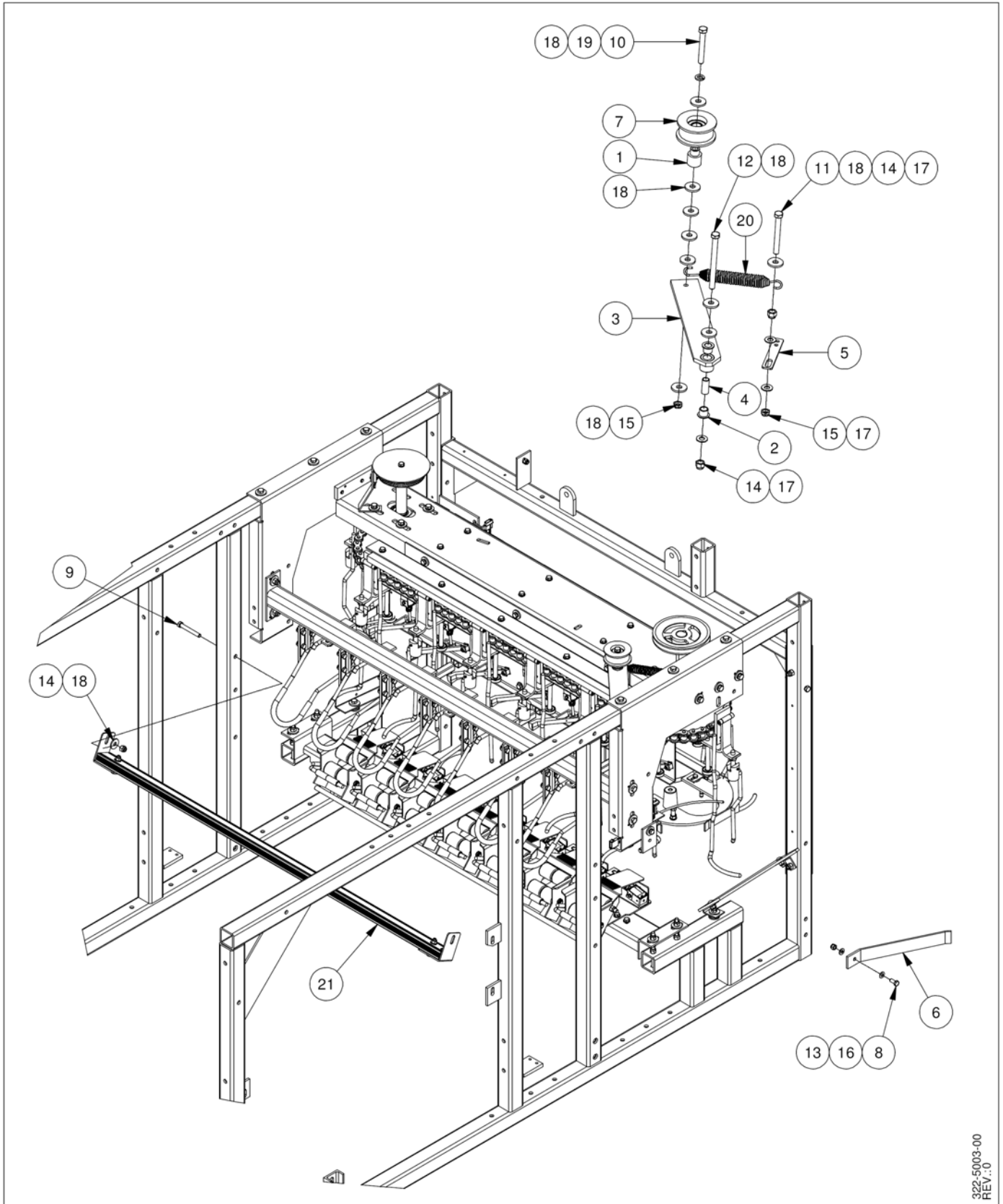
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-5300-00	ACTUATOR BASE	1
2	302-5310-00	PIN DETECTOR ACTUATOR	1
3	303-5300-00	ACTUATOR BUSHING	1
4	304-8550-00	INSULATOR PAD	1
5	7016-323716-175	MA SC FH SLOT, 3/8-16 UNCX1.75	1
6	7016-410632-100	6-32 UNCX1 MA SC RH SO	1
7	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	1
8	7046-000632-006	6-32 UNCX1/16 WELD NUT	1
9	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	3
10	S-072	SENSOR FINGER SEATING SPRING	1
11	SB-ECIL-325-FS	OPTICAL SENSOR ASSY WHITE	1



322-5300-00
REV. 0

Carrousel Magnet Detector 322-5003-00

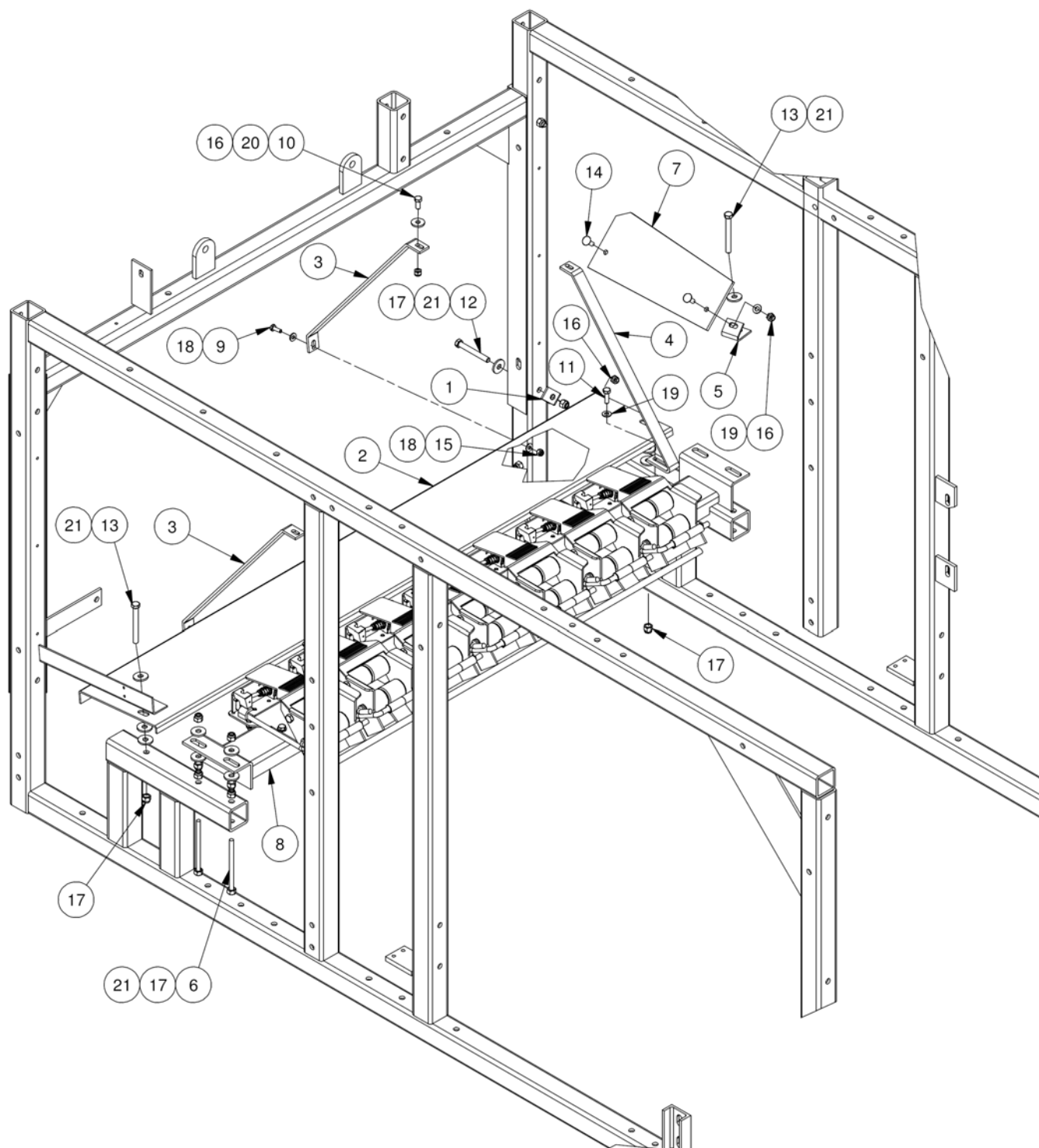
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-3340-00	PULLEY SHOULDER BUSHING SHORT	1
2	302-4190-00	FLANGED BEARING	4
2	302-5170-00	BELT TENSIONER ASSEMBLY	1
4	302-5180-00	TENSIONNER ARM INSIDE BUSHING	1
5	302-5190-00	HOOK SPRING	1
6	302-5340-00	ACTUATOR GUARD	1
7	303-2350-00	PULLEY	1
8	7010-003118-075	5/16-18 UNCX3/4 HEX CAP SCREW	1
9	7010-003716-250	3/8-16 UNCX2 1/2 HEX CAP SCREW	2
10	7010-003716-275	3/8-16 UNCX2 3/4 HEX CAP SCREW	1
11	7010-003716-325	3/8-16 UNCX3 1/4 HEX CAP SCREW	1
12	7010-003716-450	3/8-16 UNCX4.5000 in HEX CAP SCREW	1
13	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	1
14	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	3
15	7044-003716-000	HEX THIN NYLON NUT 3/8-16 UNC	2
16	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	2
17	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	3
18	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	11
19	7060-037067-010	3/8 LOCK WASHER	1
20	S-080	EXTENSION SPRING	1
21	SB-308-5700-00	DETECTION BAR ASSEMBLY	1



322-5003-00
REV:0

Carrousel Brace 322-5004-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-0080-00	WIRING CHANNEL ANGLE	1
2	302-0160-00	PIN GUARD	1
3	302-5205-00	CARROUSEL BRACE	2
4	302-5215-00	CARROUSEL BRACE	1
5	302-5380-00	ATTACHMENT BRACKET	1
6	302-5505-00	SPECIAL SCREW	4
7	303-5380-00	O RING GUARD	1
8	322-5500-01	MAGAZINE ASSY.	1
9	7010-002520-075	1/4-20 UNC X 3/4 HEX CAP SCREW	2
10	7010-003118-075	5/16-18 UNC X 3/4 HEX CAP SCREW	2
11	7010-003118-100	5/16-18 UNC X 1 HEX CAP SCREW	1
12	7010-003716-300	3/8-16 UNC X 3 HEX CAP SCREW	1
13	7010-003716-325	3/8-16 UNC X 3 1/4 HEX CAP SCREW	2
14	7012-003118-075	5/16-18 UNC X 3/4 CARRIAGE BOLT	2
15	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	2
16	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	4
17	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	15
18	7050-028062-006	9/32 X 5/8 X 1/16 FLAT WASHER	4
19	7050-034068-006	11/32 X 1 1/16 X 1/16 FLAT WASHER	2
20	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	2
21	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	16

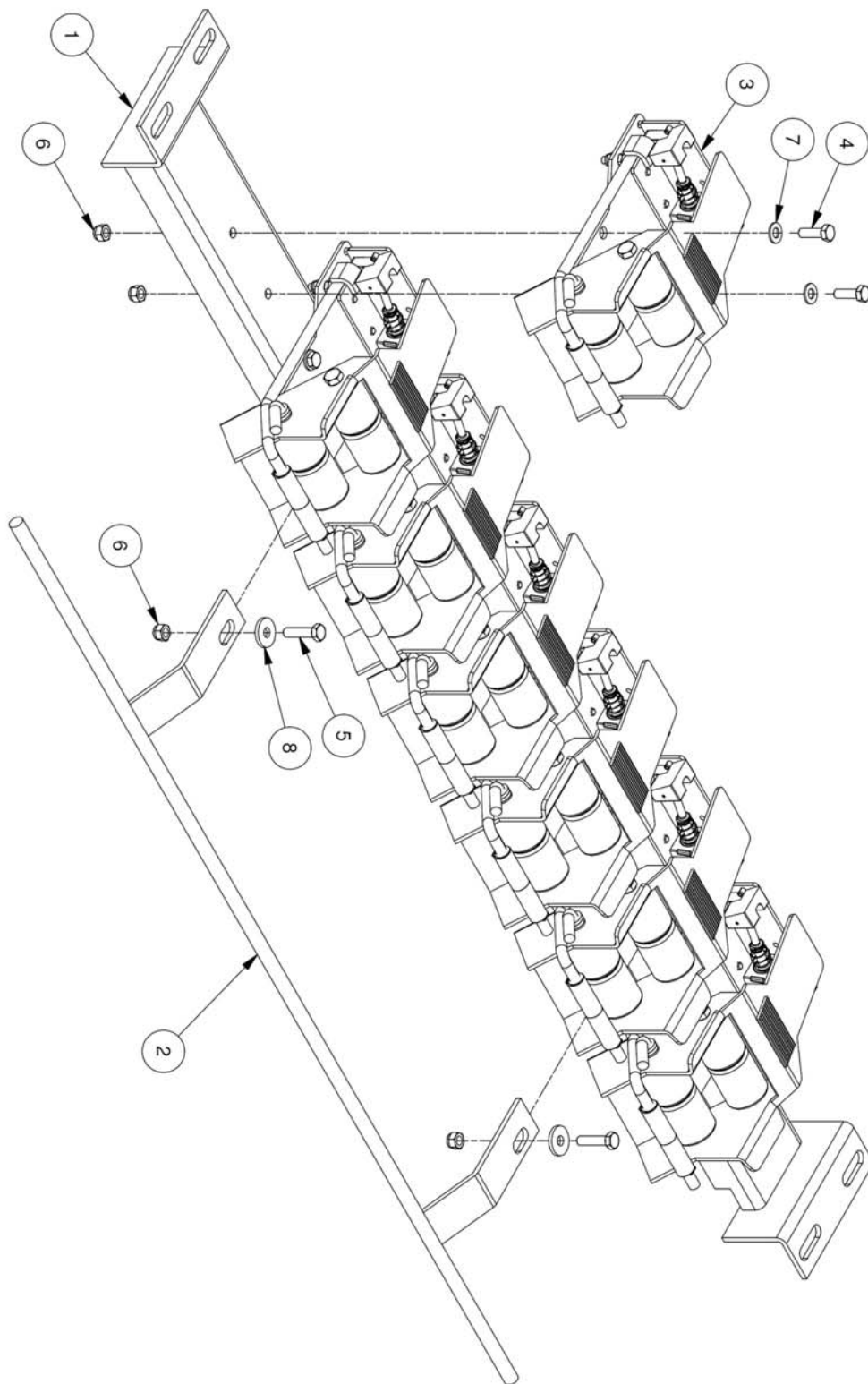


Magazine

Main Component 322-5500-01

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-5500-00	MAGAZINE SUPPORT	1
2	302-5580-00	MAGAZINE GUARD	1
3	322-5510-01	MAGAZINE STATION ASSEMBLY	7
4	7010-003118-100	5/16-18 UNCX1 HEX CAP SCREW	12
5	7010-003118-125	5/16-18 UNCX1 1/4 HEX CAP SCREW	2
6	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	14
7	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	12
8	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	2

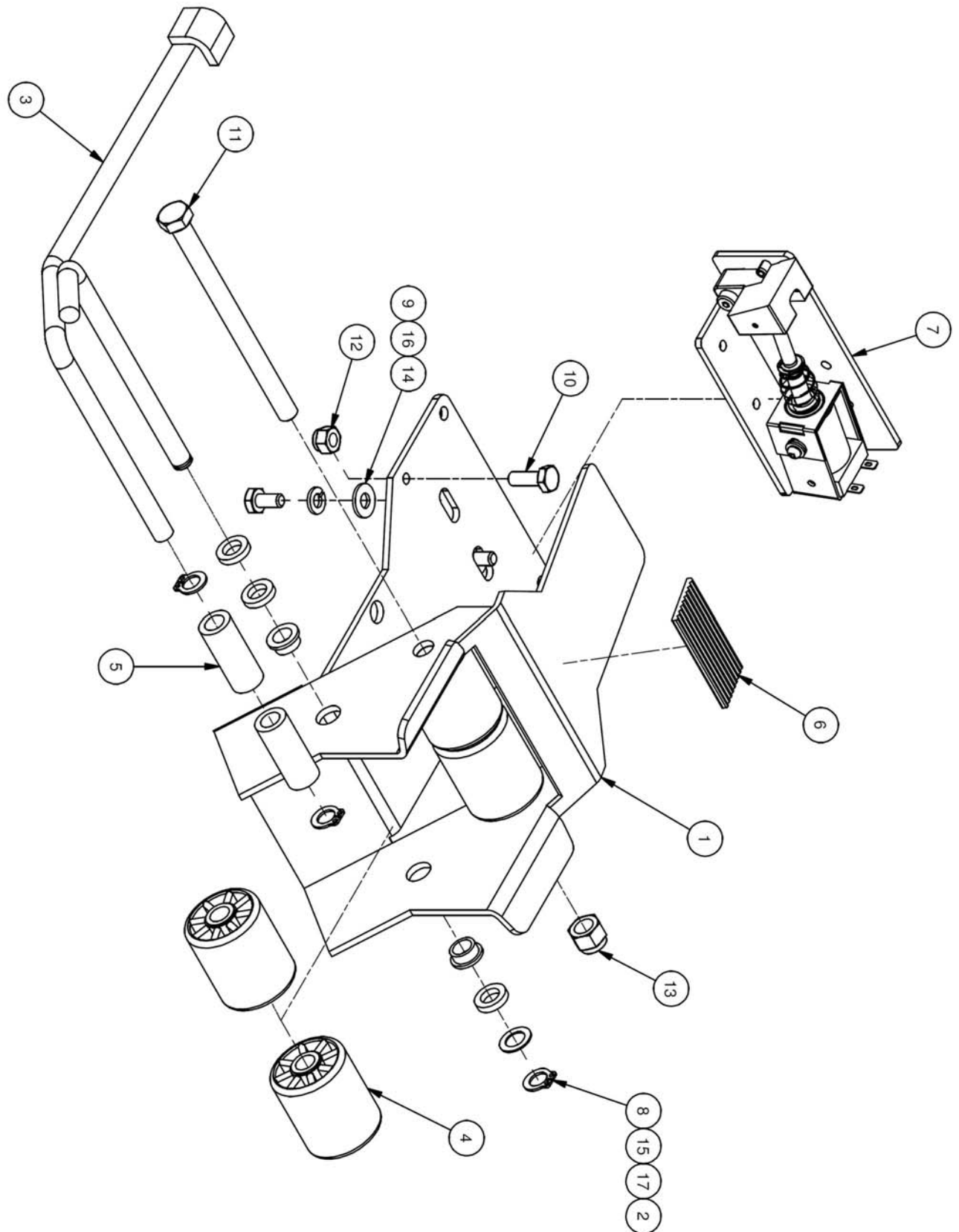
322-5500-01
REV.0



Magazine Station Assembly 322-5510-01

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-5510-00	MAGAZINE STATION	1
2	302-5520-00	FLANGE BEARING	2
3	302-5550-01	RELEASE ARM	1
4	303-5510-00	GUIDE ROLLER	4
5	303-5520-00	GUIDE ROLLER	2
6	304-5510-00	LANDING PAD	1
7	322-5560-01	SOLENOIDS BRACKET ASSY.	1
8	7002-710000-037	3/8 EXTERNAL RETAIN. RING	3
9	7010-002520-050	1/4-20 UNCX1/2 HEX CAP SCREW	2
10	7010-002520-075	1/4-20 UNCX3/4 HEX CAP SCREW	1
11	7010-003716-500	3/8-16 UNCX5 HEX CAP SCREW	1
12	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	1
13	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	1
14	7050-028062-006	9/32 X 5/8 X 1/16 FLAT WASHER	2
15	7052-039062-003	25/64 X 5/8 FLAT WASHER	1
16	7060-025046-006	1/4 LOCK WASHER	2
17	7652-037062-012	3/8 X 5/8 NYL SPACER WASH	3

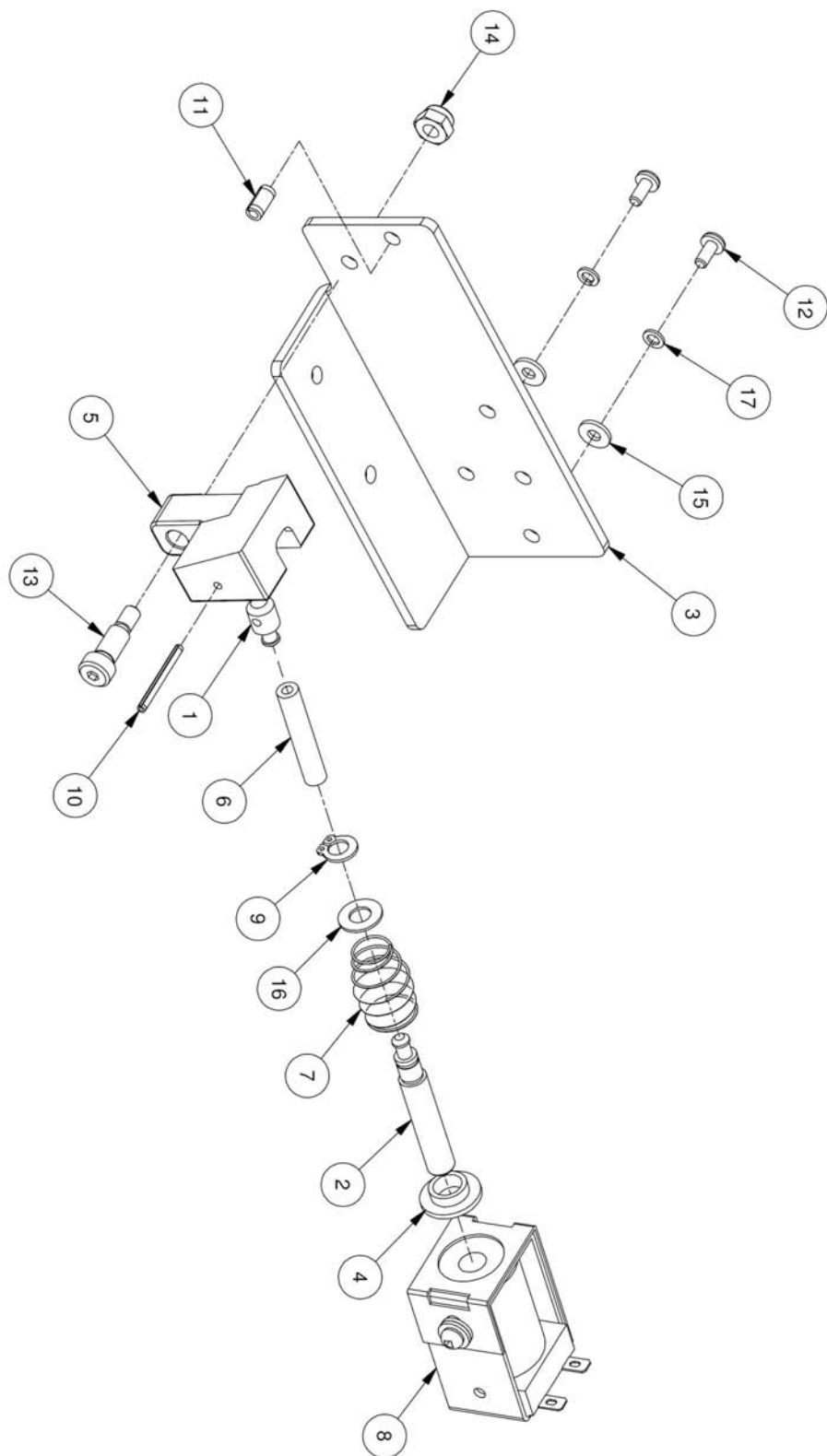
322-5510-01
REV.0



Magazine Solenoid Assembly 322-5560-01

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-5220-01	BLOCK ATTACHMENT	1
2	302-5270-01	SPECIAL SOLENOID SHAFT	1
3	302-5560-00	SOLENOID BRACKET	1
4	303-5530-00	SPRING RETAINER	1
5	303-5560-00	SOLENOID BLOCK	1
6	304-5270-00	SOLENOID HOSE	1
7	305-5500-00	SHAFT SPRING	1
8	399-5170-00	SOLENOID KIT, 24 VAC W/O PLUNGER	1
9	7002-710000-025	1/4 EXTERNAL RETAIN. RING	1
10	7006-000900-100	SPRING PIN 3/32 X 1	1
11	7006-001800-037	SPRING PIN 3/16 X 3/8	1
12	7016-430632-031	6-32 UNC x 5-16 Phillips Pan Head	2
13	7020-002500-050	1/4 X 1/2 SHOULDER SCREW	1
14	7034-001024-000	10-24 UNC HEXAGON NUT	1
15	7052-015037-004	5/32 X 3/8 X 3/64 FLAT WASHER	2
16	7052-025050-003	1/4 X 1/2 X 1/32 FLAT WASHER	1
17	7060-006046-003	#6 LOCK WASHER	2
18	7060-018003-006	#10 LOCK WASHER	1

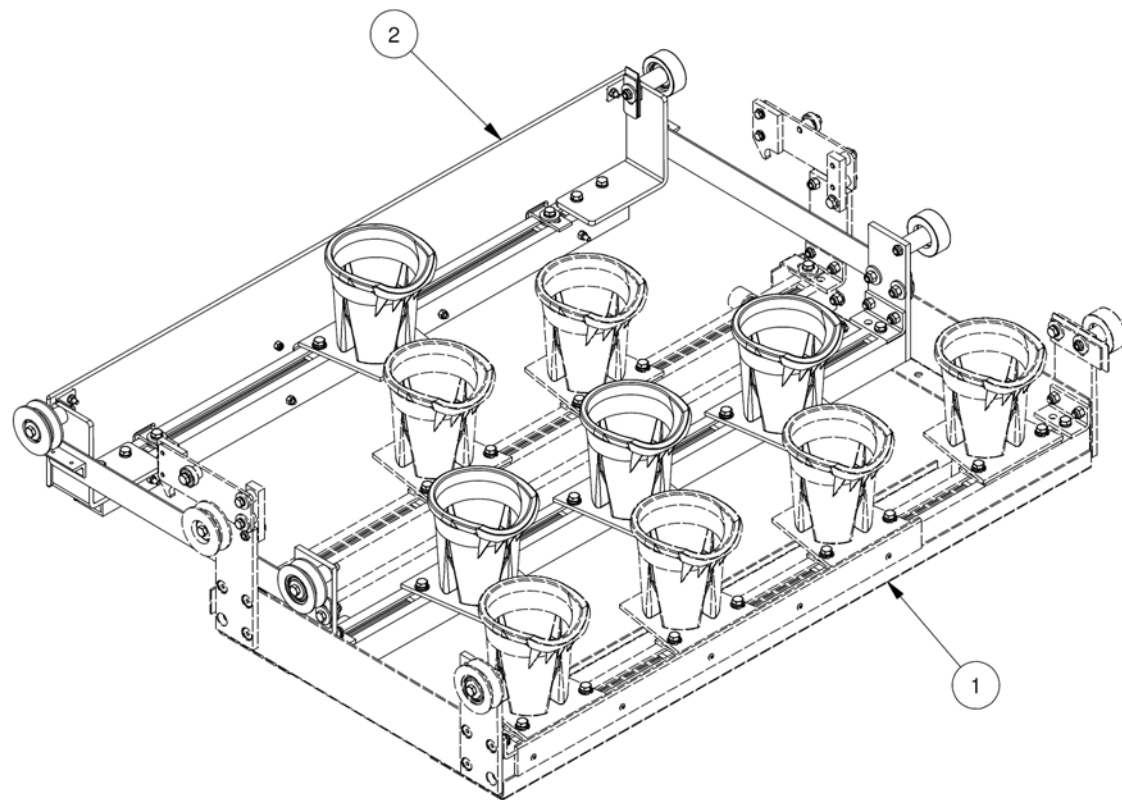
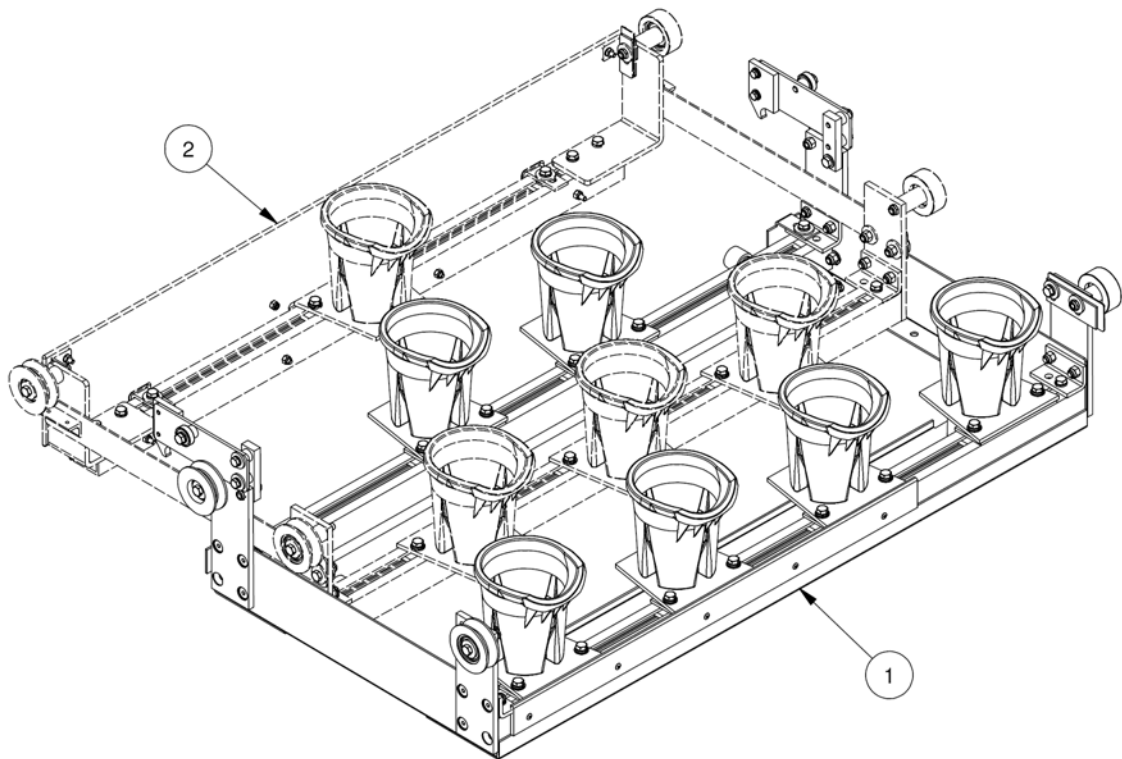
322-5560-01
REV.:1



Drawer

Drawer Main Components 322-3000-00

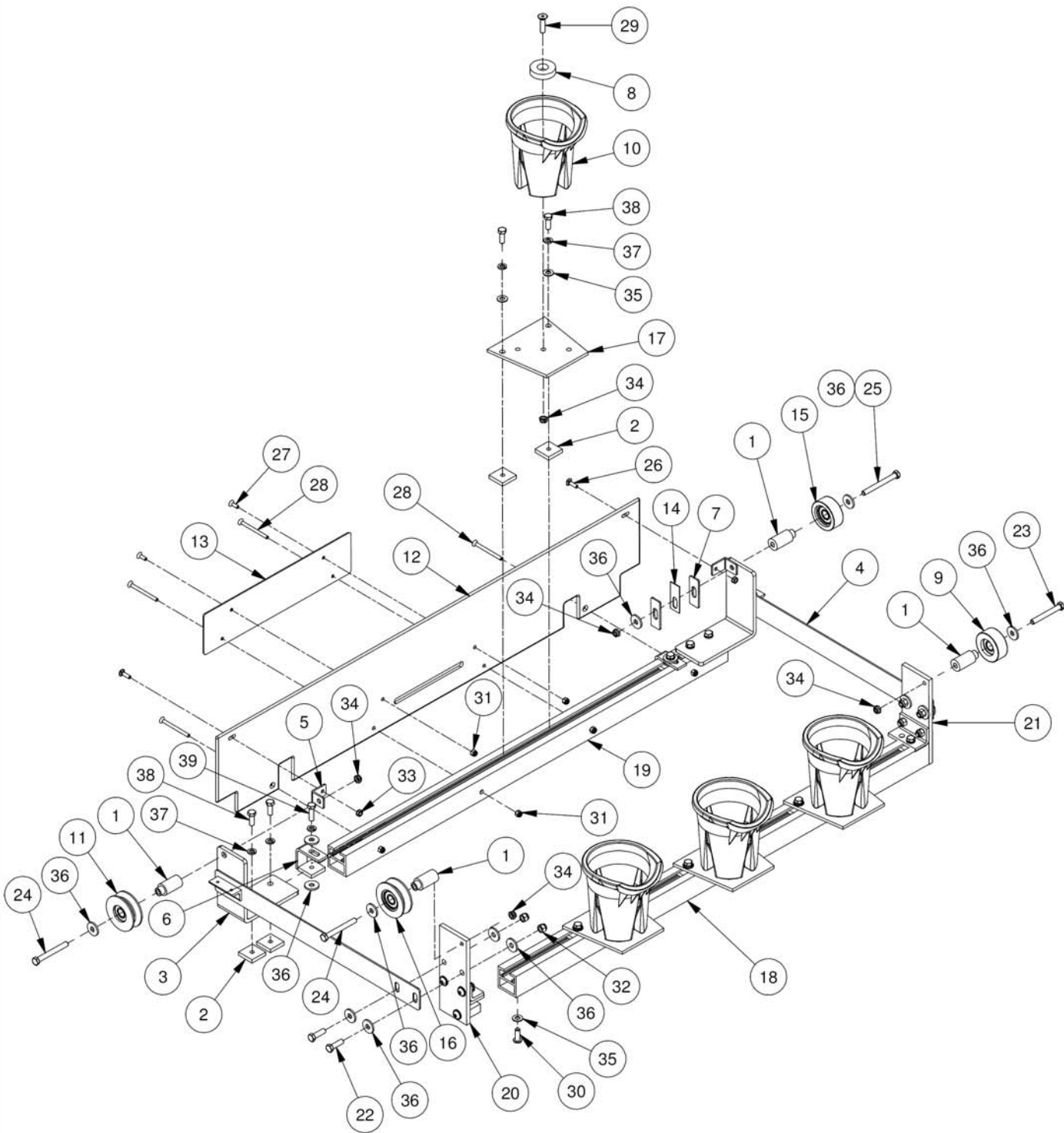
ITEM	PART NUMBER	DESCRIPTION	QTY
1	322-3001-00	DRAWER 6-PIN CUP	1
2	322-3002-00	DRAWER 4-PIN CUP	1



322-3000-00
REV.:0

First and Third Row 322-3002-00

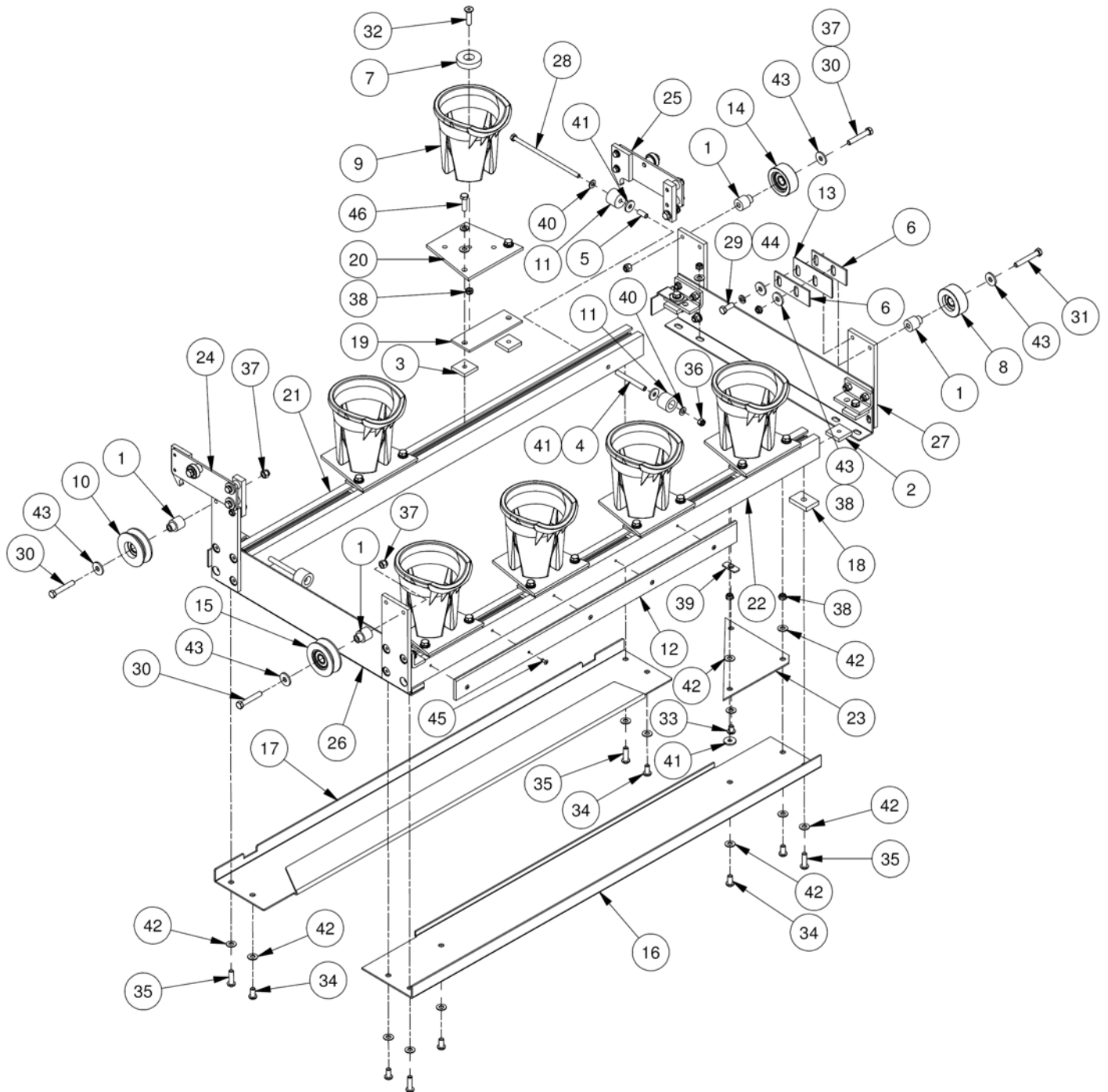
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-3350-00	PULLEY SHOULDER BUSHING LONG	4
2	302-3415-00	SQUARE NUT FINE THREAD	14
3	302-3430-00	MOUNTING BRACKET RIGHT	1
4	302-3435-00	MOUNTING BRACKET, LEFT	1
5	302-3470-00	FRONT PANEL ATTACHMENT	2
6	302-3480-00	FRONT ANGLE STOPPER	2
7	302-3510-00	ATTACHMENT PLATE	2
8	302-3600-00	PIN CUP WASHER	4
9	303-2340-00	FLAT ROLLER	1
10	303-3020-01	PIN CUP	4
11	303-3300-00	ROLLER GUIDE	1
12	303-3330-00	DRAWER FRONT PANEL	1
13	303-3335-00	DRAWER BACK PANEL	1
14	304-3510-00	FRONT LIMIT ACTUATOR	1
15	308-2340-00	FLAT GUIDE ROLLER ASSY	1
16	308-3300-00	GUIDE ROLLER	1
17	308-3430-00	PIN CUP SUPPORT PLATE	4
18	308-3510-00	3-CUP TUBULAR	1
19	308-3520-00	1-CUP TUBULAR	1
20	388-3370-00	MOUNTING PLATE ASSY RIGHT	1
21	388-3375-00	MOUNTING PLATE ASSY. LEFT	1
22	7010-003716-125	3/8-16 UNC X 1 1/4 HEX CAP SCREW	4
23	7010-003716-300	3/8-16 UNC X 3 HEX CAP SCREW	1
24	7010-003716-325	3/8-16 UNC X 3 1/4 HEX CAP SCREW	2
25	7010-003716-350	3/8-16 UNC X 3 1/2 HEX CAP SCREW	1
26	7012-002520-075	1/4-20 UNC X 3/4 CARRIAGE BOLT	2
27	7016-312520-075	1/4-20 UNC X 3/4 FH MA SC	2
28	7016-312520-300	1/4-20 UNC X 3 FH MA SC	4
29	7018-303716-150	FHMS 3 8-16 UNC X 1.5	4
30	7018-503716-100	3/8-16 UNC X 1 BUTTON HEAD HEX SOCKET	2
31	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	6
32	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	4
33	7038-002520-000	1/4-20 UNC HEX KEEP NUT	2
34	7044-003716-000	HEX THIN NYLON NUT 3/8-16 UNC	8
35	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	10
36	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	17
37	7060-037067-010	3/8 LOCK WASHER	14
38	7510-003724-100	3/8-24 UNFX1 HEX CAP SCREW	12
39	7510-003724-125	3/8-24 UNFX1 1/4 HEX CAP SCREW	2



322-3002-00
REV:0

Second and Fourth row 322-3001-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-3340-00	PULLEY SHOULDER BUSHING SHORT	4
2	302-3410-00	SQUARE NUT COARSE THREAD	4
3	302-3415-00	SQUARE NUT FINE THREAD	12
4	302-3440-00	SPACER LONG	2
5	302-3450-00	SPACER SHORT	2
6	302-3530-00	ATTACHMENT PLATE	2
7	302-3600-00	PIN CUP WASHER	6
8	303-2340-00	FLAT ROLLER	1
9	303-3020-01	PIN CUP	6
10	303-3300-00	ROLLER GUIDE	1
11	303-3450-00	STOPPER	4
12	303-3500-00	DRAWER PROTECTOR	1
13	304-3530-00	BACK LIMIT ACTUATOR	1
14	308-2340-00	FLAT GUIDE ROLLER ASSY	1
15	308-3300-00	GUIDE ROLLER	1
16	308-3320-00	BOTTOM CHANNEL	1
17	308-3325-00	BOTTOM CHANNEL, REAR	1
18	308-3390-00	CORNER SPACER	4
19	308-3400-00	SPACER PIN CUP PLATE	6
20	308-3430-00	PIN CUP SUPPORT PLATE	6
21	308-3490-00	2-CUP TUBULAR	1
22	308-3500-00	4-CUP TUBULAR	1
23	308-3580-00	FRONT CORNER PLATE	2
24	322-3320-00	DRAWER HOOK RIGHT	1
25	322-3325-00	DRAWER HOOK LEFT	1
26	388-3340-00	MAIN FRAME ASSY RIGHT	1
27	388-3345-00	MAIN FRAME ASSY LEFT	1
28	7010-003118-750	5/16-18 UNCX7 1/2 HEX CAP SCREW	2
29	7010-003716-100	3/8-16 UNCX1 HEX CAP SCREW	1
30	7010-003716-225	3/8-16 UNCX2 1/4 HEX CAP SCREW	3
31	7010-003716-250	3/8-16 UNCX2 1/2 HEX CAP SCREW	1
32	7018-303716-150	FHMS 3 8-16 UNCX1.5	6
33	7018-503716-050	3/8-16 UNC X 1/2 BUTTON HEAD HEX SOCKET	2
34	7018-503716-075	3/8-16 UNC X 3/4 BUTTON HEAD HEX SOCKET	6
35	7018-503716-125	3/8-16 UNC X 1 1/4 BUTTON HEAD HEX SOCKET	4
36	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	2
37	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	3
38	7044-003716-000	HEX THIN NYLON NUT 3/8-16 UNC	13
39	7046-003716-012	3/8-16 X 1/8 WELDED NUT	2
40	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	4
41	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	6
42	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	31
43	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	6
44	7060-037067-010	3/8 LOCK WASHER	13
45	7108-401800-062	3/16 X 5/8 ALU. POP RIVET DH	5
46	7510-003724-125	3/8-24 UNFX1 1/4 HEX CAP SCREW	12



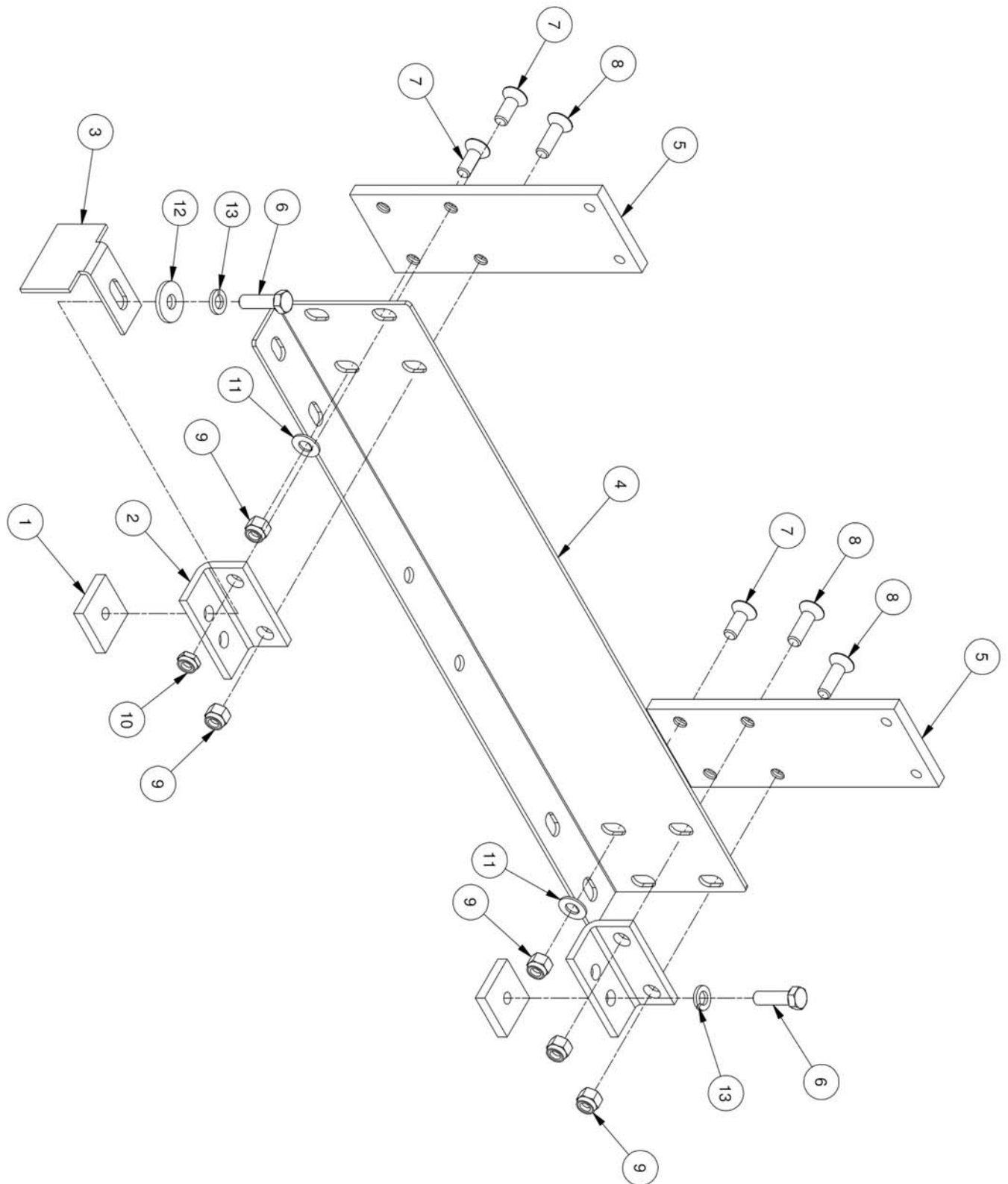
322-3001-00
REV:0

Main Components 388-3345-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-3415-00	SQUARE NUT FINE THREAD	2
2	302-3420-00	ATTACHEMENT ANGLE	2
3	302-3490-00	RETAINING BRACKET	1
4	308-3340-00	MAIN FRAME SIDE RIGHT	1
5	308-3370-00	MOUNTING PLATE	2
6	7010-003724-125	3/8-24 UNFX1 1/4 HEX CAP SCREW	2
7	7018-303716-100	FHMS 3 8-16 UNCX1	3
8	7018-303716-125	FHMS 3 8-16 UNCX1.25	3
9	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	5
10	7044-003716-000	HEX THIN NYLON NUT 3/8-16 UNC	1
11	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	2
12	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	1
13	7060-037067-010	3/8 LOCK WASHER	2

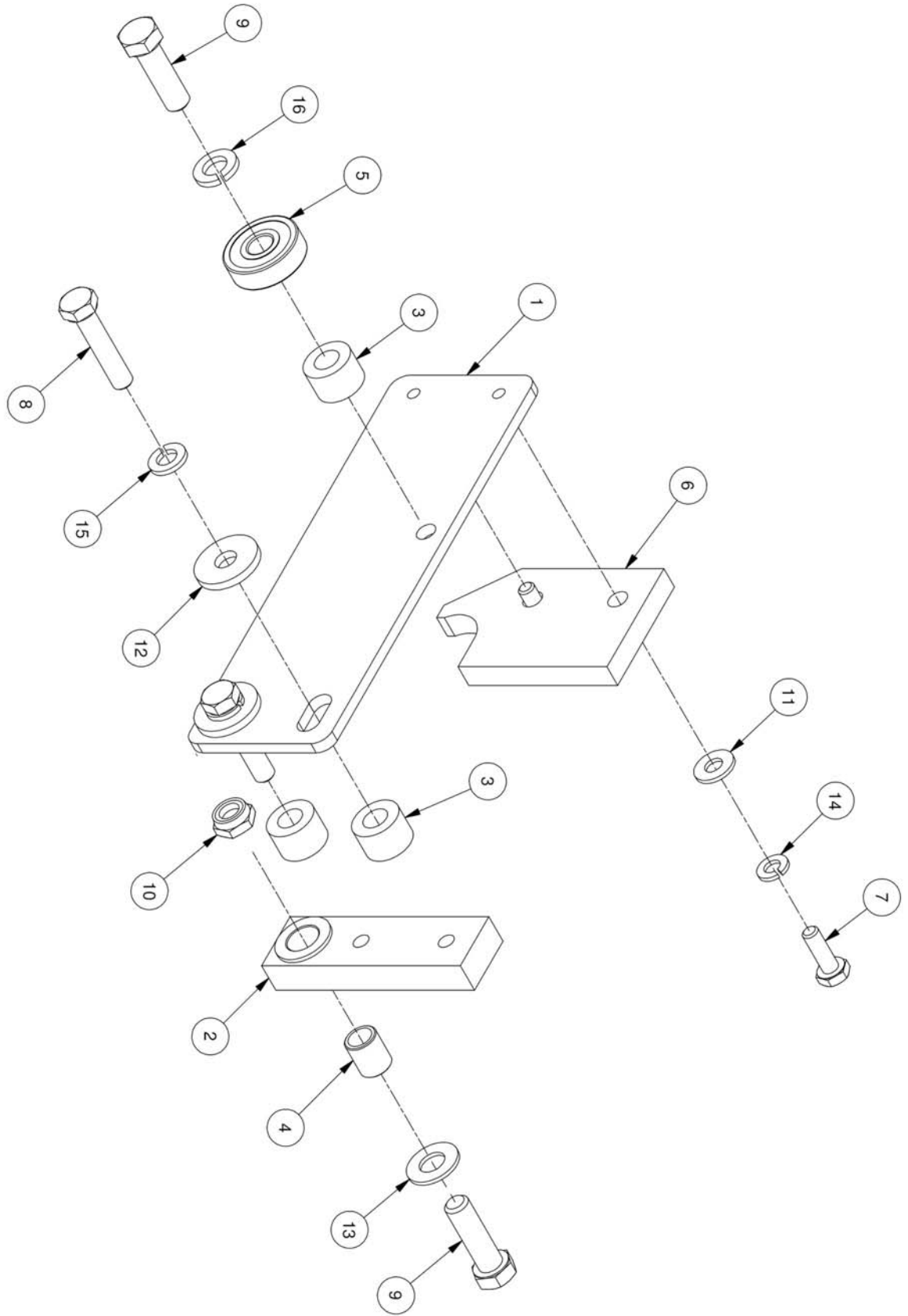
DRAWER

388-3345-00
REV.:0



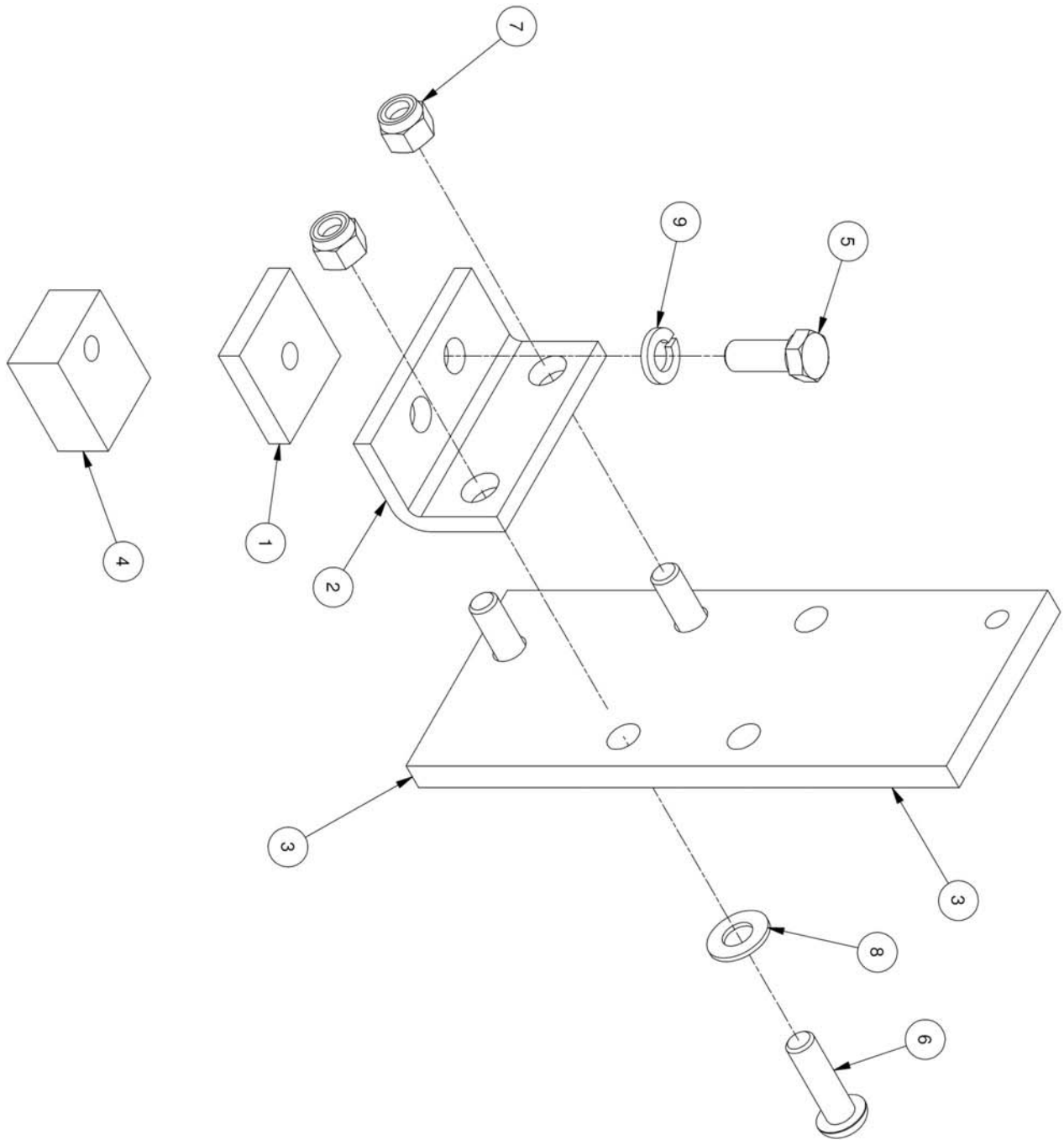
Drawer Hook 322-3320-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-3320-00	DRAWER HOOK PLATE	1
2	302-3325-00	PIVOT BLOCK	1
3	302-3330-00	SPACER BUSHING	3
4	302-3400-00	DRAWER HOOK BUSHING	1
5	302-6200-00	BALL BEARING	1
6	303-3320-01	DRAWER HOOK PLASTIC	1
7	7010-002520-075	1/4-20 UNCX3/4 HEX CAP SCREW	2
8	7010-003118-150	5/16-18 UNCX1 1/2 HEX CAP SCREW	2
9	7010-003716-125	3/8-16 UNCX1 1/4 HEX CAP SCREW	2
10	7044-003716-000	HEX THIN NYLON NUT 3/8-16 UNC	1
11	7050-028062-006	9/32 X 5/8 X 1/16 FLAT WASHER	2
12	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	2
13	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	1
14	7060-025046-006	1/4 LOCK WASHER	2
15	7060-031057-009	5/16 LOCK WASHER	2
16	7060-037067-010	3/8 LOCK WASHER	1



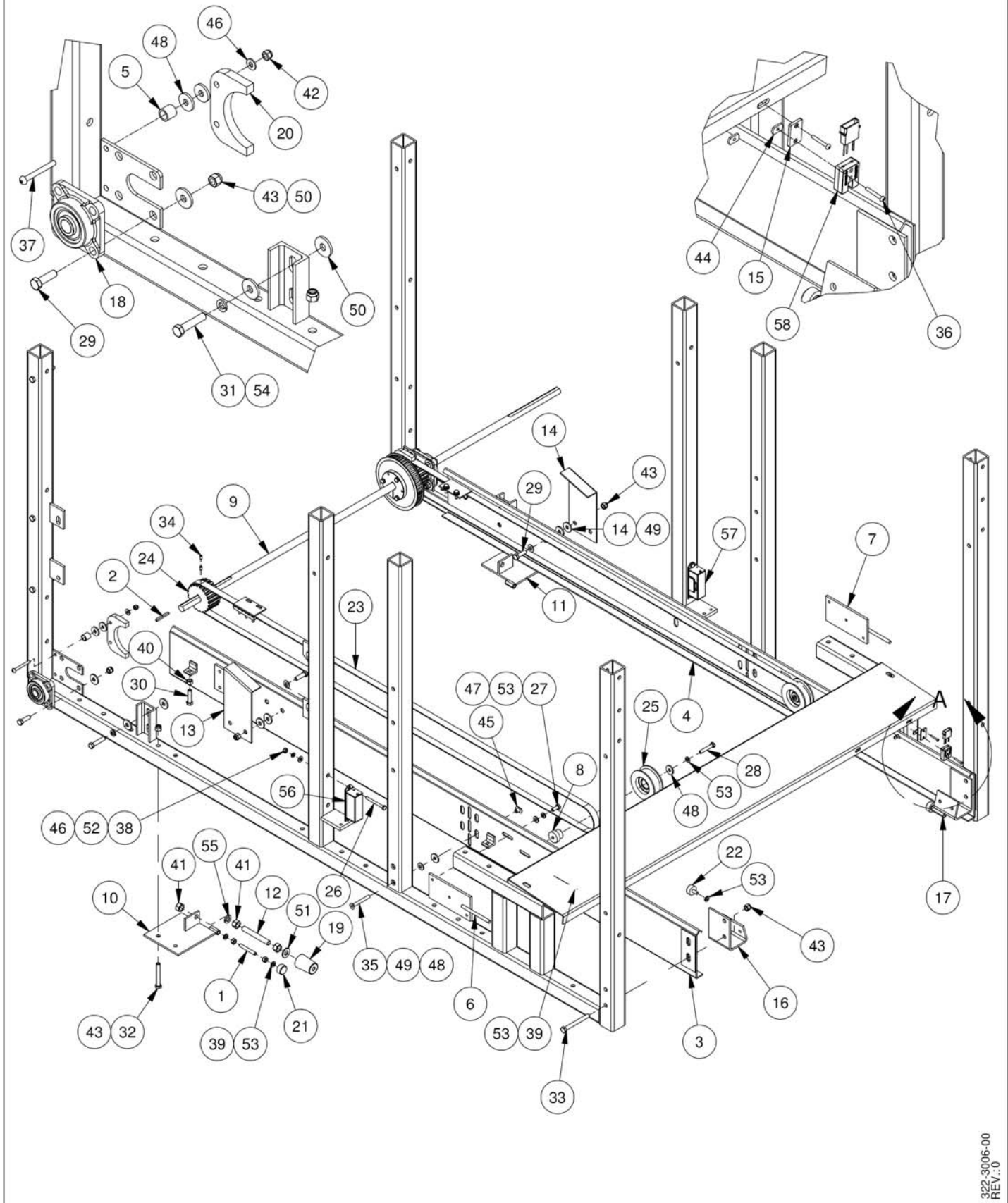
Main Frame Assembly 388-3370-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-3415-00	SQUARE NUT FINE THREAD	1
2	302-3420-00	ATTACHEMENT ANGLE	1
3	308-3380-00	SIDE PLATE #2	1
4	308-3560-00	ATTACHMENT BRACKET	1
5	7010-003724-100	3/8-24 UNFX1 HEX CAP SCREW	1
6	7018-503716-125	3/8-16 UNC X 1 1/4 BUTTON HEAD HEX SOCKET	3
7	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	2
8	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	3
9	7060-037067-010	3/8 LOCK WASHER	1



Movement Components 322-3006-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-1560-00	THREAD ROD DECK STOPPER	1
2	302-2440-00	KEYWAY 3/16	3
3	302-3010-01	DRAWER SLIDE, RIGHT	1
4	302-3015-01	DRAWER SIDE LEFT	1
5	302-3020-00	SPACER BUSHING	4
6	302-3030-00	TENSION PLATE [RIGHT]	1
7	302-3035-00	TENSION PLATE [LEFT]	1
8	302-3070-00	DRAWER TIMMING IDLER BUSHING	2
9	302-3080-00	DRAWER SHAFT	1
10	302-3370-00	DRAWER BRACKET, RIGHT	1
11	302-3375-00	DRAWER BRACKET, LEFT	1
12	302-3380-00	BUMPER SHAFT	1
13	302-3390-00	SLOPE FOR HOOK RIGHT	1
14	302-3395-00	SLOPE FOR HOOK LEFT	1
15	302-3520-00	DRAWER OPTO SUPPORT REAR	1
16	302-3540-00	ANGLED STOPPER-RIGHT	1
17	302-3545-00	ANGLED STOPPER-LEFT	1
18	302-6211-00	FLANGE BEARING	4
19	303-3310-00	STAGING MAGNET	2
20	303-3340-00	BELT GUARD	2
21	304-1560-00	BUMPER PAD	1
22	304-1565-00	DRAWER REAR BUMPER	2
23	304-3000-00	DRAWER BELT, H075	2
24	308-3050-00	TIMING GEAR, 20H100	2
25	308-3060-00	DRAWER PULLEY	2
26	7010-002520-250	1/4-20 UNC X 2 1/2 HEX CAP SCREW	4
27	7010-003118-075	5/16-18 UNC X 3/4 HEX CAP SCREW	8
28	7010-003118-175	5/16-18 UNC X 1 3/4 HEX CAP SCREW	2
29	7010-003716-125	3/8-16 UNC X 1 1/4 HEX CAP SCREW	2
30	7010-003716-150	3/8-16 UNC X 1 1/2 HEX CAP SCREW	2
31	7010-003716-175	3/8-16 UNC X 1 3/4 HEX CAP SCREW	2
32	7010-003716-275	3/8-16 UNC X 2 3/4 HEX CAP SCREW	4
33	7010-003716-350	3/8-16 UNC X 3 1/2 HEX CAP SCREW	2
34	7014-002520-037	1/4-20 UNC X 3/8 SET SCREW	2
35	7016-313118-250	5/16-18 UNC X 2 1/2 FH MA SC	2
36	7016-410632-100	6-32 UNC X 1 MA SC RH SO	3
37	7016-412520-225	1/4-20 UNC X 2 1/4 MA SC RH SO	4
38	7034-002520-000	1/4-20 UNC HEXAGON NUT	4
39	7034-003118-000	5/16-18 UNC HEXAGON NUT	4
40	7034-003716-000	3/8-16 UNC HEXAGON NUT	2
41	7034-005013-000	1/2-13 UNC HEXAGON NUT	6
42	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	7
43	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	2
44	7046-000632-006	6-32 UNC X 1/16 WELD NUT	3
45	7046-003118-037	5/16-18 UNC TEE NUT	2
46	7050-028062-006	9/32 X 5/8 X 1/16 FLAT WASHER	2
47	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	4
48	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	2
49	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	7
50	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	14
51	7050-050106-009	17/32 X 1 1/16 X 3/32 FLAT WASHER	3
52	7060-025046-006	1/4 LOCK WASHER	9
53	7060-031057-009	5/16 LOCK WASHER	4
54	7060-037067-010	3/8 LOCK WASHER	7
55	7060-050087-012	1/2 LOCK WASHER	4
56	SB-1500-41	DRAWER OBSTRUCTION RECEIVER ASSY.	1
57	SB-1500-42	DRAWER OBSTRUCTION TRANSMITTER ASSY.	1
58	SB-ECIL-325-FS	OPTICAL SENSOR ASSY WHITE	2

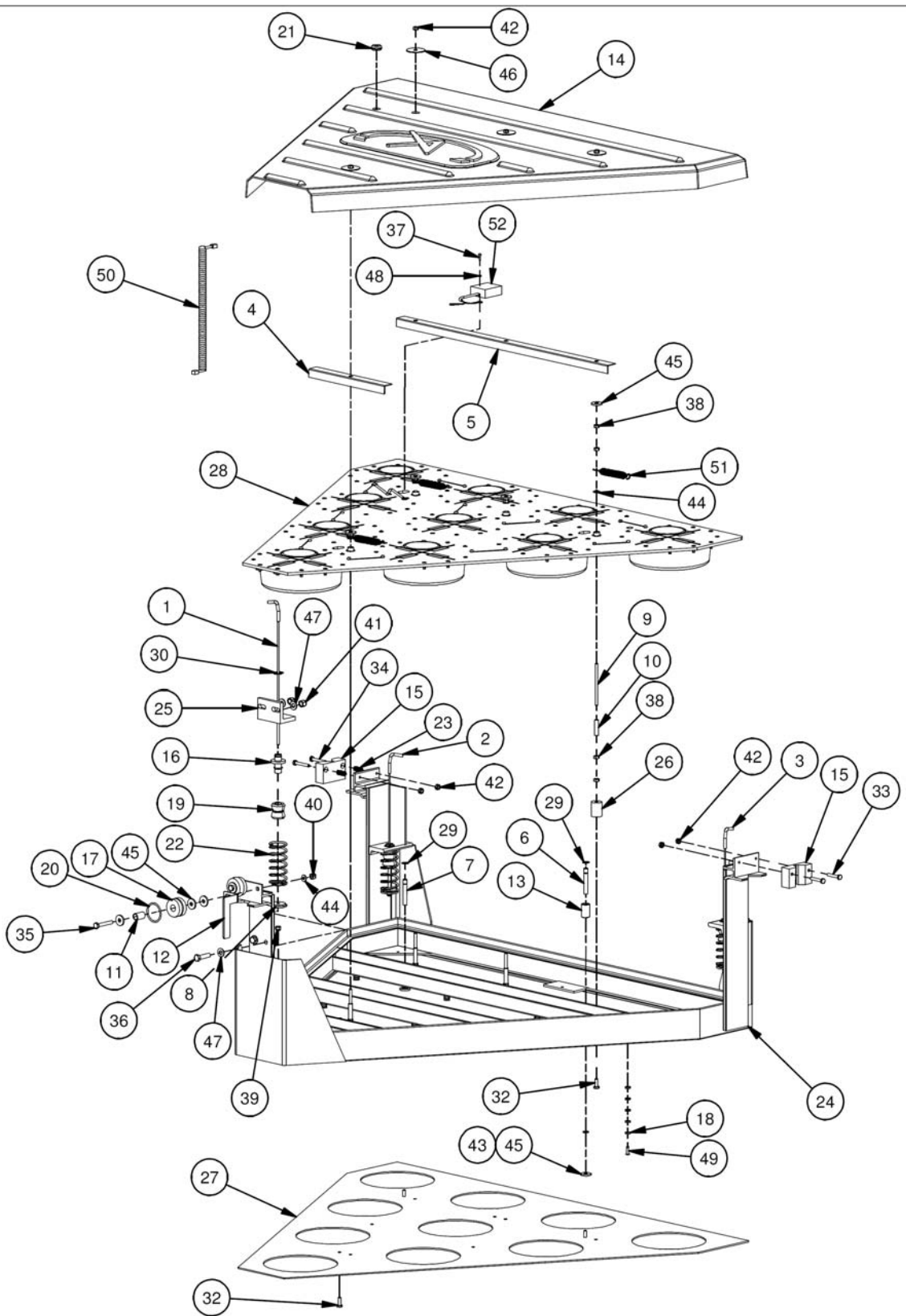


322-3006-00
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Deck

Main Components 388-1500-00

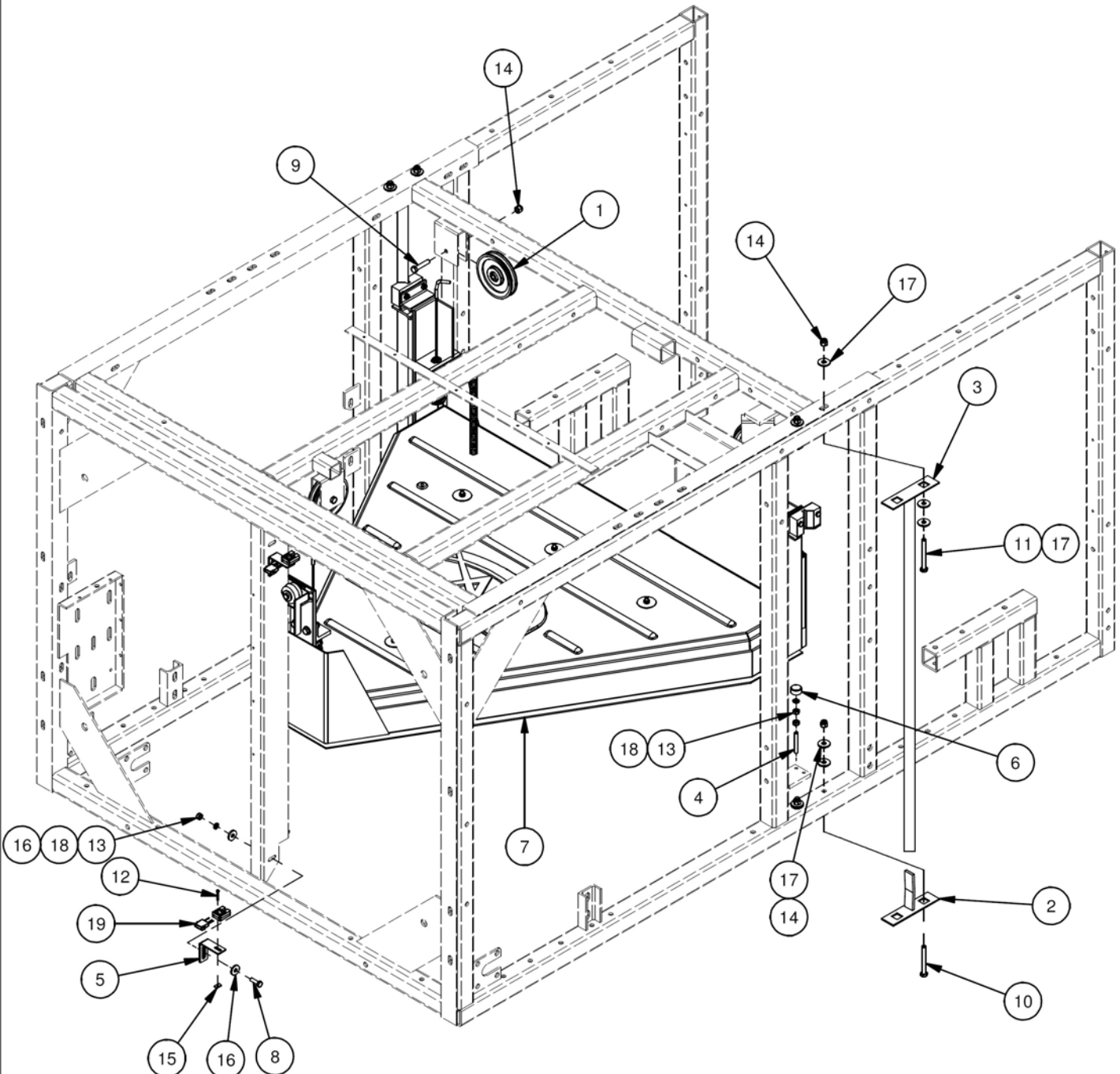
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-1150-00	DECK WIRE #1	1
2	302-1160-00	DECK WIRE #2	1
3	302-1170-00	DECK WIRE #3	1
4	302-1505-00	REINFORCEMENT ANGLE	1
5	302-1515-00	REINFORCEMENT ANGLE	1
6	302-1520-00	PIN OUT OF RANGE	2
7	302-1525-00	PIN OUT OF RANGE	1
8	302-1530-00	RETAINING DISK	3
9	302-1550-00	THREAD ROD OPTO	4
10	302-1580-00	GUIDE BUSHING	4
11	302-1590-00	SLEEVE BEARING	2
12	302-1610-00	UP & DOWN ACTUATOR	1
13	303-1510-00	OUT OF RANGE SLEEVE	3
14	303-1520-01	DECK COVER	1
15	303-1540-00	DECK GUIDE	2
16	303-1560-00	WIRE GUIDE	3
17	303-1570-00	DECK, FRONT GUIDE	2
18	303-1625-00	WASHER	45
19	304-1550-00	SLEEVE SHOCK ABSORBER	3
20	304-1570-00	ROLLER GUIDE O RING	2
21	304-1580-00	DECK GROMMET	1
22	305-1000-00	GATE SPRING	3
23	305-1100-00	DECK SPRING	2
24	308-1500-00	DECK FRAME	1
25	308-1510-00	DECK BRACKET	1
26	308-1550-01	BUSHING HOLDER	4
27	308-1600-00	OUT OF RANGE PLATE	1
28	333-1500-01	DISH COVER ASSEMBLY	1
29	7002-710000-037	3/8 EXTERNAL RETAIN. RING	3
30	7002-710000-062	5/8 EXTERNAL RETAIN. RING	3
32	7010-002520-075	1/4-20 UNCX3/4 HEX CAP SCREW	7
33	7010-002520-150	1/4-20 UNCX1 1/2 HEX CAP SCREW	2
34	7010-002520-175	1/4-20 UNCX1 3/4 HEX CAP SCREW	2
35	7010-003118-200	5/16-18 UNCX2 HEX CAP SCREW	2
36	7010-003716-150	3/8-16 UNCX1 1/2 HEX CAP SCREW	2
37	7016-410832-037	8-32 UNCX3/8 MA SC RH SO	1
38	7034-002520-000	1/4-20 UNC HEXAGON NUT	16
39	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	3
40	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	2
41	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	2
42	7038-002520-000	1/4-20 UNC HEX KEEP NUT	8
43	7050-025056-004	1/4 X 9/16 X 3/64 FLAT WASHER	6
44	7050-028062-006	9/32 X 5/8 X 1/16 FLAT WASHER	7
45	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	13
46	7050-034175-012	11/32 X 1 3/4 X 1/16 FLAT WASHER	4
47	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	4
48	7060-018003-006	#10 LOCK WASHER	1
49	7108-401800-100	3/16 X 1 ALU. POP RIVET DH	9
50	EC-PH113-14	COILED CORD	1
51	S-071	EXTENSION SPRING	3
52	SB-2001-BTEL	MODULAR BOX	1



388-1500-00
REV.:0

Main Components 388-1501-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-1120-00	WIRE PULLEY	3
2	302-1141-00	DECK COLUMN FOOT	2
3	302-1142-00	DECK COLUMN	2
4	302-1560-00	THREAD ROD DECK STOPPER	3
5	302-1600-00	OPTO SUPPORT UP & DOWN	2
6	304-1560-00	BUMPER PAD	3
7	388-1500-00	DECK ASSY	1
8	7010-003118-100	5/16-18 UNCX1 HEX CAP SCREW	2
9	7010-003716-175	3/8-16 UNCX1 3/4 HEX CAP SCREW	3
10	7010-003716-300	3/8-16 UNCX3 HEX CAP SCREW	4
11	7010-003716-325	3/8-16 UNCX3 1/4 HEX CAP SCREW	4
12	7016-410632-100	6-32 UNCX1 MA SC RH SO	2
13	7034-003118-000	5/16-18 UNC HEXAGON NUT	8
14	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	11
15	7046-000632-006	6-32 UNCX1/16 WELD NUT	2
16	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	4
17	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	20
18	7060-031057-009	5/16 LOCK WASHER	5
19	SB-ECIL-325-FS	OPTICAL SENSOR ASSY WHITE	2



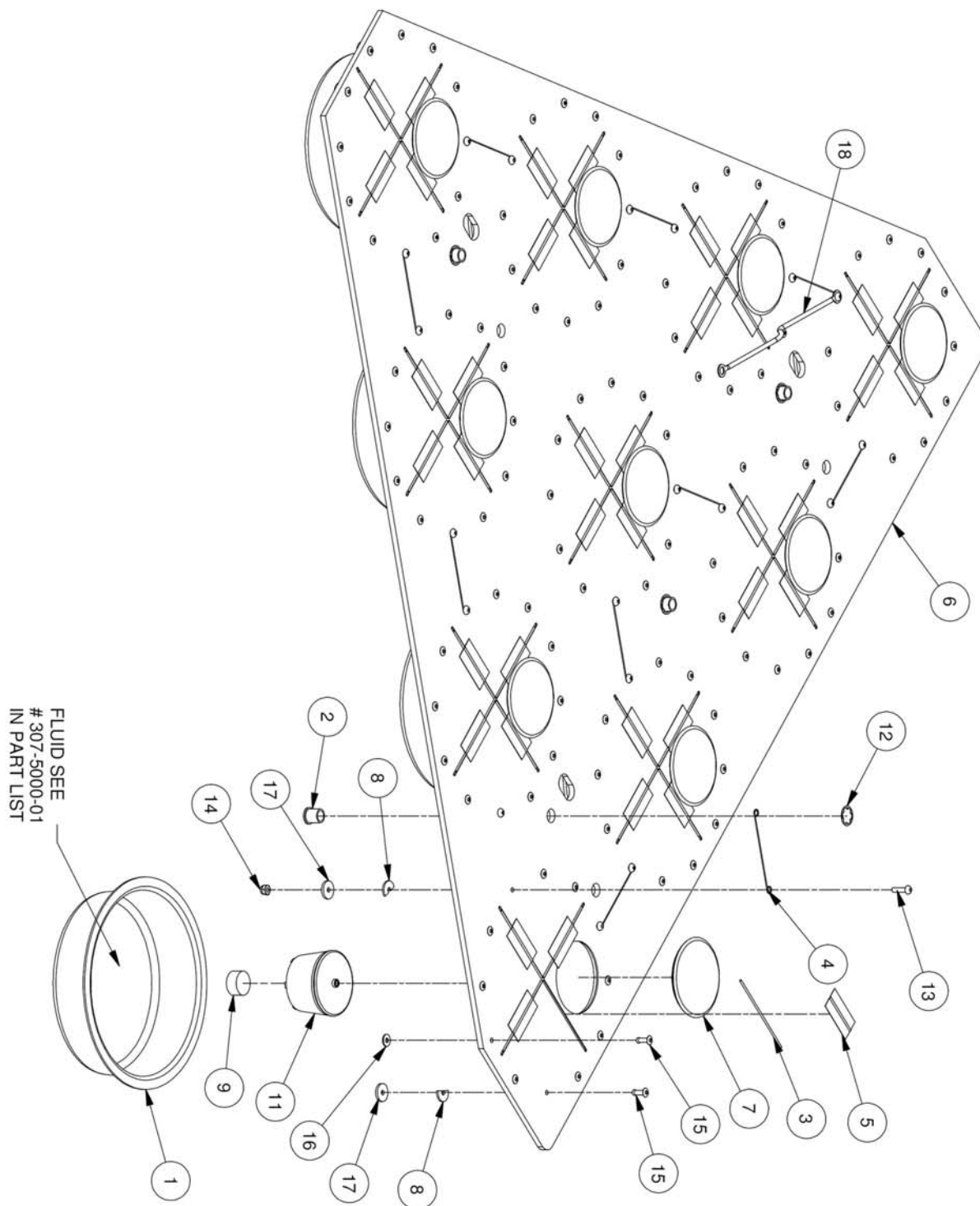
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Dish Assembly 333-1500-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-1500-00	FLUID DISH	10
2	302-1570-00	FLANGE BEARING	4
3	302-1620-00	BOAT POSITION	40
4	302-1630-00	GROUND CABLE	10
5	302-1640-00	POSITIONING ROD STICKER	40
6	303-1500-00	DISH COVER	1
7	303-1580-01	DISH PLUG	10
8	303-1620-00	WASHER	94
9	307-0070-00	1 X 1/2 MAGNET	10
10	307-5000-01	GLYCOL DOWTHERM SR-1 ROSE	10
11	333-1600-00	MAGNET BOAT ASSY	10
12	7002-610000-056	9/16 EXTERNAL RETAIN. RING	4
13	7016-411032-075	MA SC RH SOCK 10-32 UNFX3/4	20
14	7036-001032-000	HEX NYLON NUT 10-32 UNF	20
15	7108-401800-075	3/16 X 3/4 ALU. POP RIVET DH	100
16	7150-019050-004	.193 X 1/2 X 3/64 FLAT WASHER	26
17	7150-019075-009	.193 X 3/4 X 3/32 FLAT WASHER	94
18	EC-2001-GD	MM-2001 DECK GROUND CABLE ASSEMBLY	1

DECK

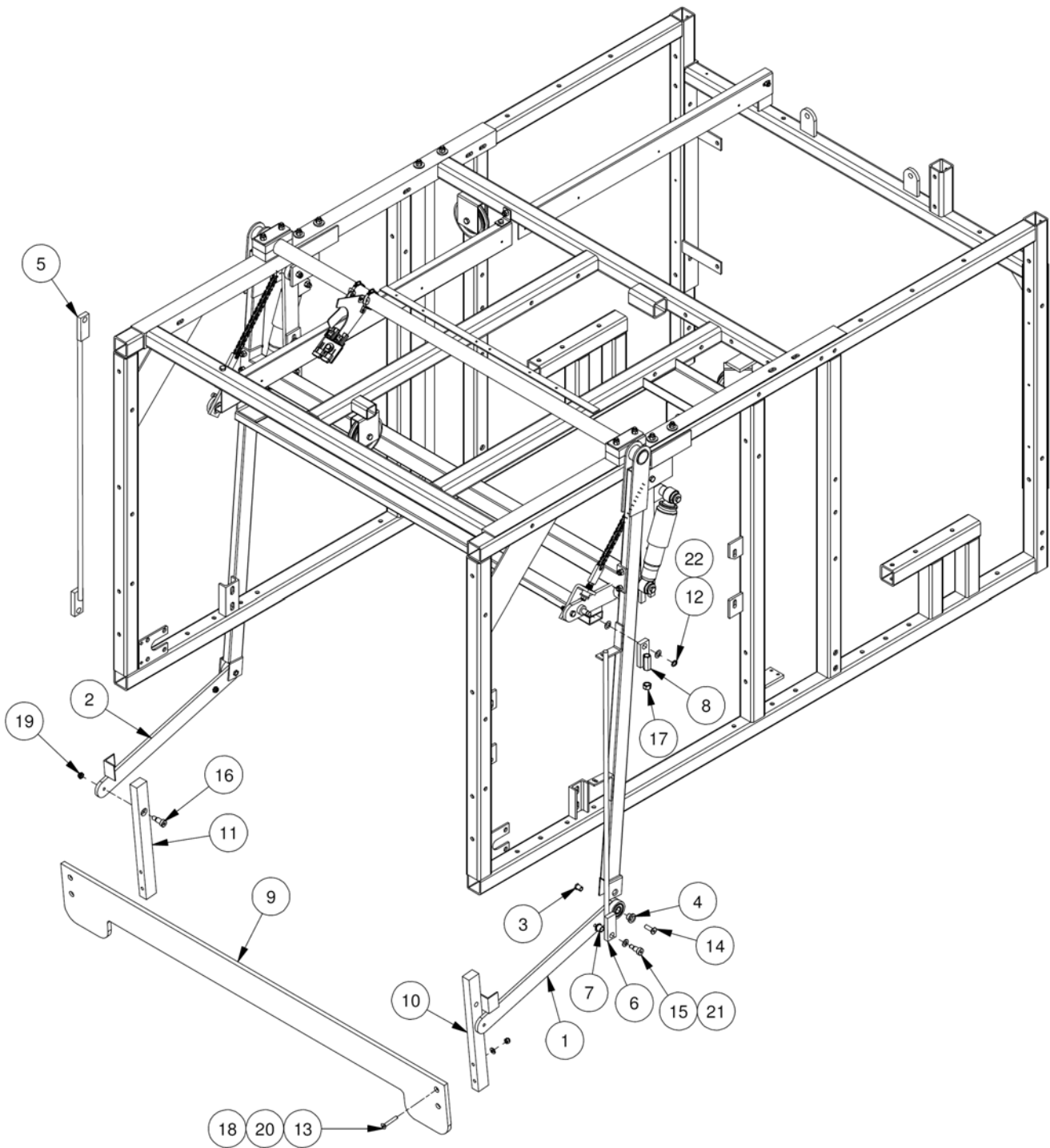
333-1500-00
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Sweep

Sweep Components 322-4002-00

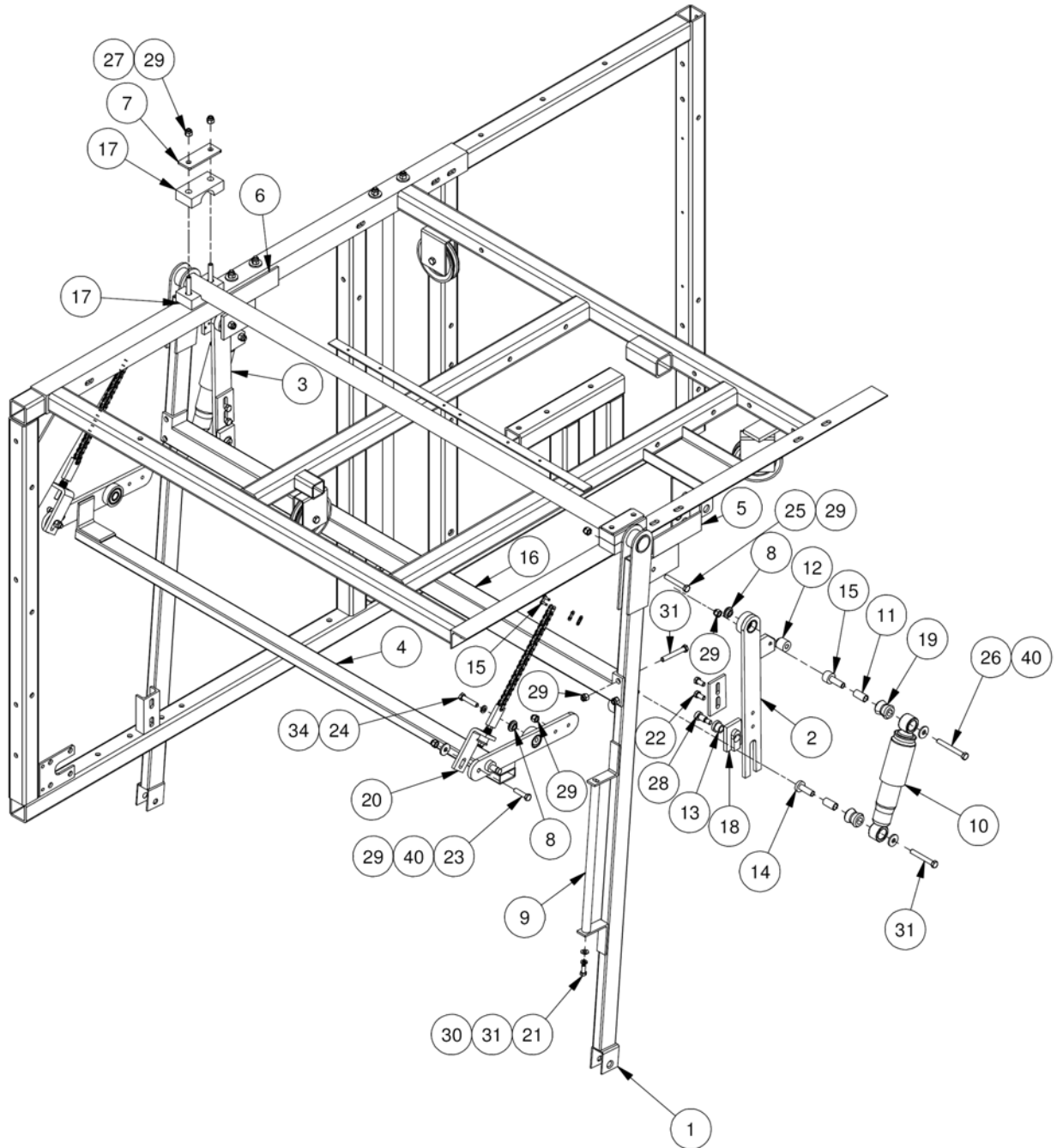
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-4040-00	FOLLOWER ARM, RIGHT	1
2	302-4045-00	SWEEP BAR DOWN LEFT	1
3	302-4090-00	COUPLING NUT	2
4	302-4110-00	BUSHING BEARING	2
5	302-4180-00	SWEEP BAR	1
6	302-4185-00	SWEEP BAR ADJUST #1	1
7	302-4190-00	FLANGED BEARING	4
8	302-4195-00	SWEEP BAR ADJUST #2	1
9	303-4010-00	SWEEP	1
10	303-4020-00	SWEEP ARM PLASTIC RIGHT	1
11	303-4025-00	SWEEP ARM PLASTIC LEFT	1
12	7002-710000-050	1/2 EXTERNAL RETAIN. RING	2
13	7016-313118-200	5/16-18 UNC X 2 FH MA SC	4
14	7018-303716-125	FHMS 3 8-16 UNC X 1.25	2
15	7020-005000-062	1/2 X 5/8 SHOULDER SCREW	2
16	7020-005000-075	1/2 X 3/4 SHOULDER SCREW	4
17	7034-005013-000	1/2-13 UNC HEXAGON NUT	1
18	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	2
19	7044-003716-000	HEX THIN NYLON NUT 3/8-16 UNC	4
20	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	2
21	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	4
22	7052-050087-003	1/2 X 7/8 X 1/32 FLAT WASHER	4



322-4002-00
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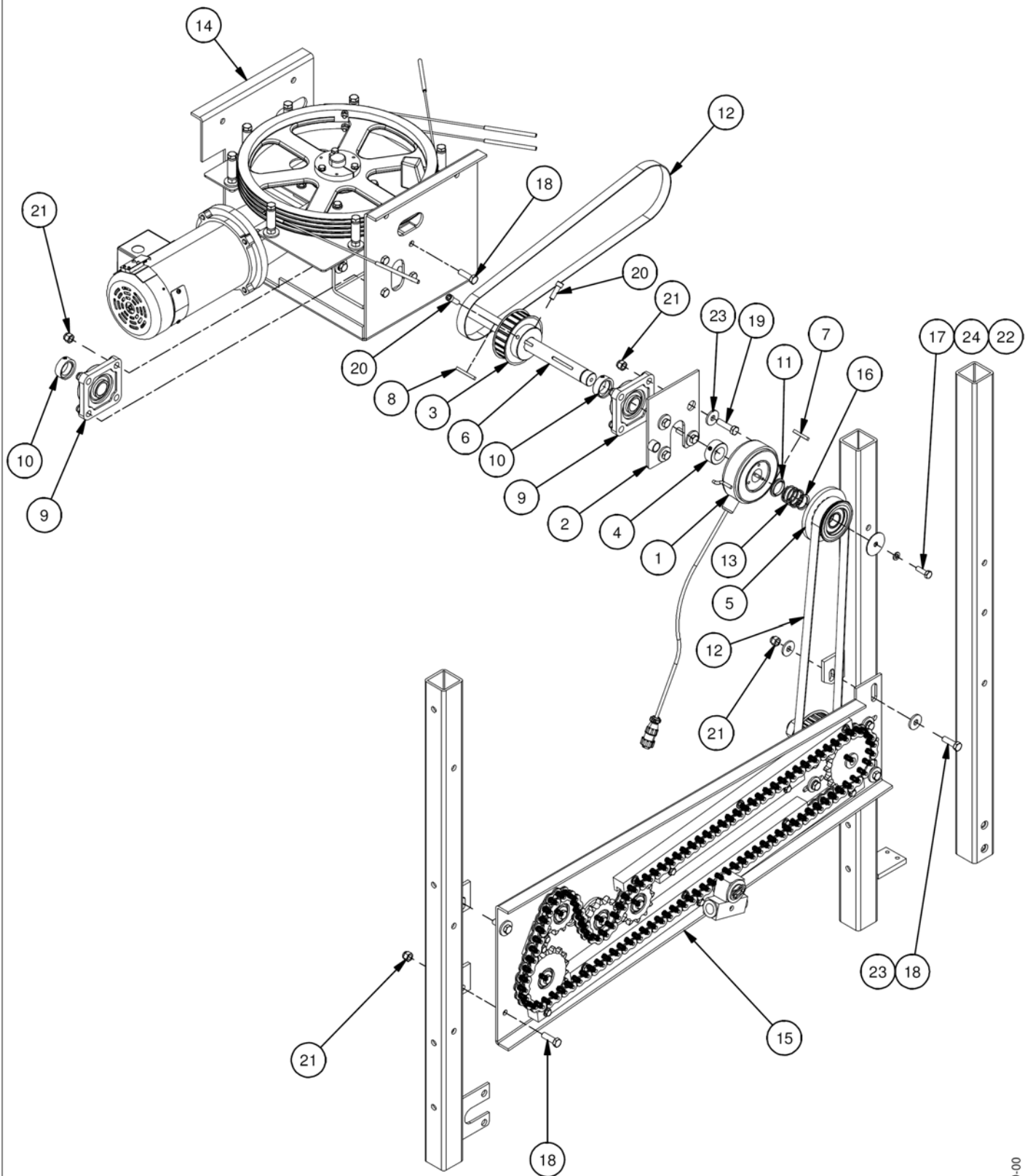
Sweep Main Components 322-4000-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-4000-00	SWEEP FRAME	1
2	302-4010-00	SWEEP BAR [RIGHT]	1
3	302-4015-00	SWEEP BAR [LEFT]	1
4	302-4020-00	SWEEP BAR [CENTER]	1
5	302-4050-01	SHOCK BRACKET [RIGHT]	1
6	302-4055-01	SHOCK BRACKET [LEFT]	1
7	302-4060-00	FRAME SWEEP COLLAR FLAT	2
8	302-4080-00	SMALL BUSHING BEARING	4
9	302-4120-00	SWEEP ARM SHAFT	1
10	302-4130-00	SHOCK	2
11	302-4135-00	SLEEVE BEARING	4
12	302-4140-01	BEARING SHOULDER	2
13	302-4150-01	ROLLER BUSHING	2
14	302-4160-00	LOWER SHOCK SPACER	2
15	302-4215-00	SWEEP CHAIN COUPLING	2
16	302-4220-00	CROSS SUPPORT	1
17	303-4000-00	SWEEP COLLAR	4
18	303-4150-00	ROLLER GUIDE	2
19	304-1550-00	SLEEVE SHOCK ABSORBER	4
20	322-4200-01	SWEEP CHAIN ASSEMBLY	2
21	7010-003118-075	5/16-18 UNCX3/4 HEX CAP SCREW	6
22	7010-003716-075	3/8-16 UNCX3/4 HEX CAP SCREW	4
23	7010-003716-150	3/8-16 UNCX1 1/2 HEX CAP SCREW	9
24	7010-003716-175	3/8-16 UNCX1 3/4 HEX CAP SCREW	5
25	7010-003716-250	3/8-16 UNCX2 1/2 HEX CAP SCREW	2
26	7010-003716-325	3/8-16 UNCX3 1/4 HEX CAP SCREW	15
27	7010-003716-500	3/8-16 UNCX5 HEX CAP SCREW	4
28	7020-005000-075	1/2 X 3/4 SHOULDER SCREW	4
29	7046-000632-006	6-32 UNCX1/16 WELD NUT	4
30	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	9
31	7060-031057-009	5/16 LOCK WASHER	10



Sweep Drive Components 322-2060-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	301-1400-00	MAGNETIC CLUTCH	1
2	302-0050-00	PINSETTER FRAME ASSY TOP	1
3	302-2025-00	TIMING GEAR	1
4	302-2030-00	SPECIAL COLLAR, 1	1
5	302-2050-00	TIMING GEAR	1
6	302-2060-00	SWEEP COMMAND SHAFT	1
7	302-2430-00	KEYWAY 3/16	1
8	302-2440-00	KEYWAY 3/16	1
9	302-6212-00	FLANGE BEARING	2
10	302-6217-00	LOCKING COLLAR, 1	2
11	303-2010-00	SPRING GUIDE	1
12	304-2000-00	DRIVE TRAIN BELT, 480H075	2
13	305-2000-01	SPRING	1
14	322-1300-01	DECK DRIVE TRAIN ASSY	1
15	322-4400-00	SWEEP DRIVE CHANNEL ASSY.	1
16	7002-720000-098	EXTERNAL RETAINING RING 63/64	1
17	7010-003118-100	5/16-18 UNCX1 HEX CAP SCREW	3
18	7010-003716-125	3/8-16 UNCX1 1/4 HEX CAP SCREW	8
19	7010-003716-150	3/8-16 UNCX1 1/2 HEX CAP SCREW	4
20	7018-003118-100	5/16-18 UNCX1 HEX SO CA SCW	2
21	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	23
22	7050-034175-012	11/32 X 1 3/4 X 1/16 FLAT WASHER	1
23	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	30
24	7060-031057-009	5/16 LOCK WASHER	6

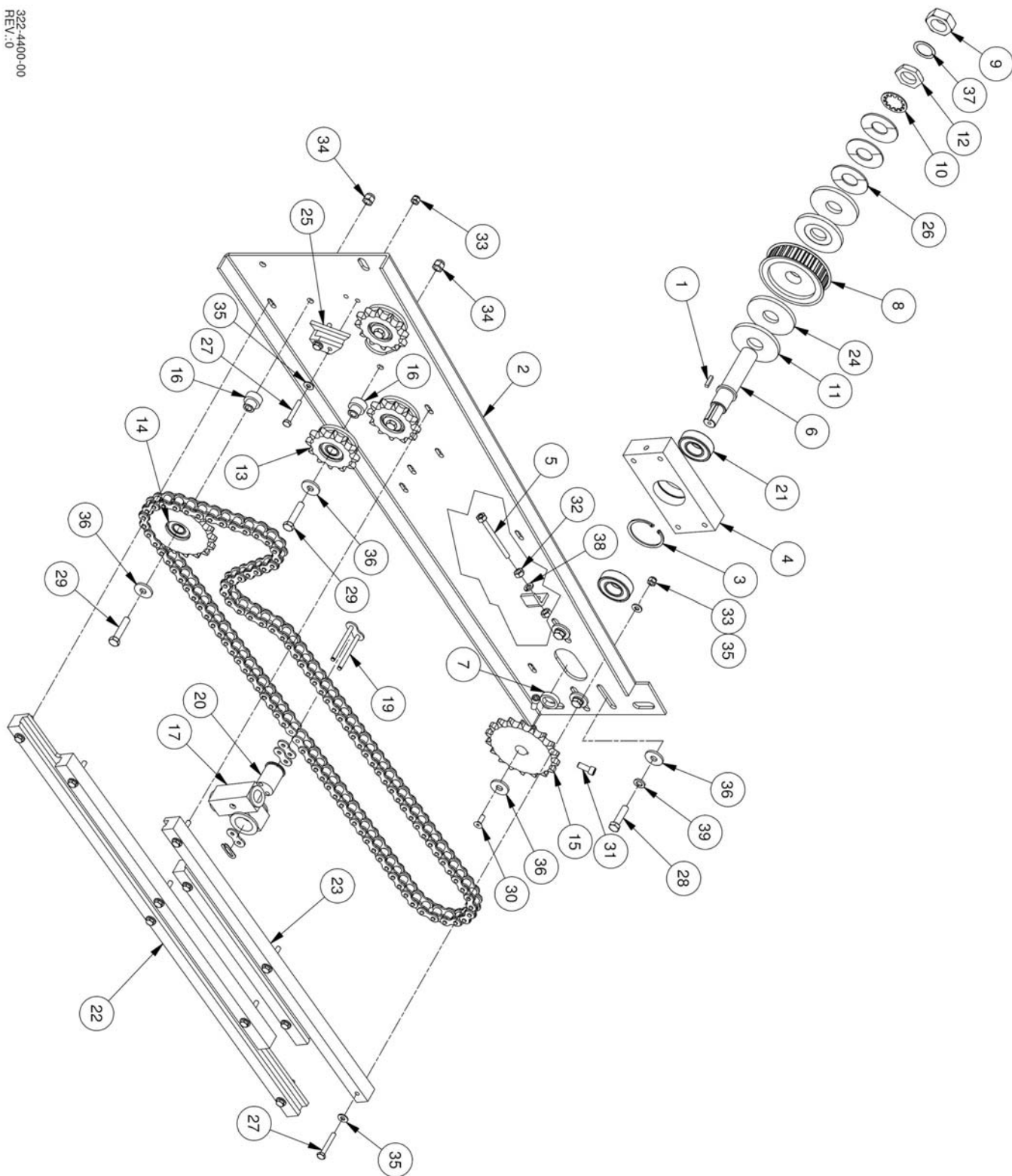


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Drive Components 322-4400-00

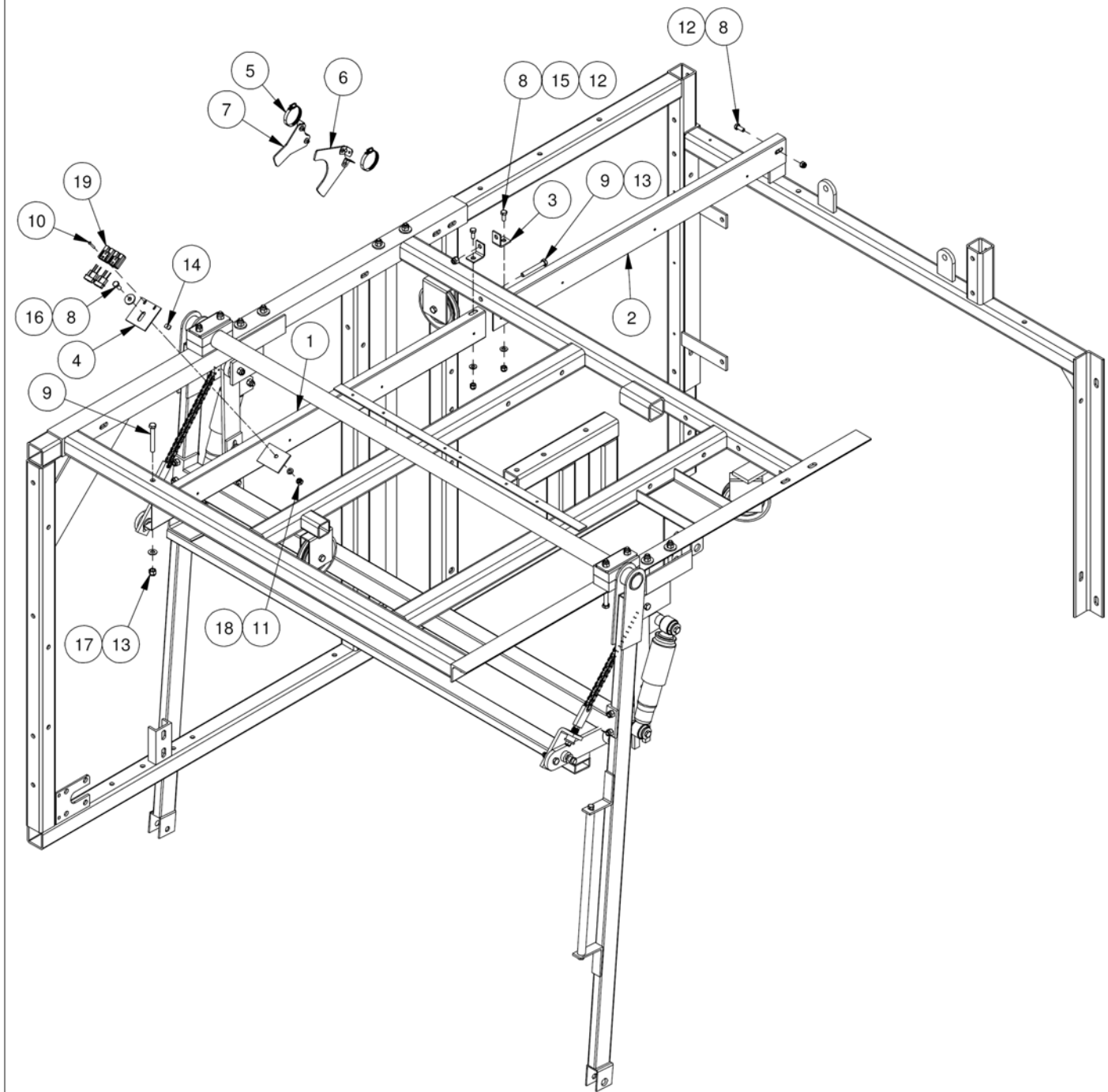
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-2400-00	KEYWAY 3/16	1
2	302-4400-00	SWEEP DRIVE CHANNEL	1
3	302-4405-00	INTERNAL C-RING	1
4	302-4410-00	TENSION PILLOW BLOCK	1
5	302-4415-00	TENSIONNER BOLT	1
6	302-4420-00	SWEEP COMMAND SHAFT	1
7	302-4425-00	SWEEP COMMAND SHAFT SPACER	1
8	302-4430-01	TIMING GEAR	1
9	302-4440-00	JAM NUT 1 - 12 UNF	1
10	302-4445-00	K-LOCK WASHER, 1	1
11	302-4450-00	SPACER FRICTION DISC	2
12	302-4455-00	THIN HEX NUT	1
13	302-4460-00	SWEEP SPROCKET, 60B12	3
14	302-4470-00	SWEEP SPROCKET, 60B18	1
15	302-4480-00	SPROCKET 60B18 KEYWAY	1
16	302-4500-00	SWEEP SPROCKET BUSHING	4
17	302-4510-01	ATTACHMENT BLOCK	1
18	302-4520-00	SWEEP DRIVE CHAIN	1
19	302-4530-01	LINK 60-3 CL	1
20	302-4540-01	ATTACHMENT CHAIN	1
21	302-6205-00	BALL BEARING	2
22	303-4400-00	CHAIN GUIDE, BOTTOM	1
23	303-4410-00	CHAIN GUIDE, TOP	1
24	303-4420-00	FRICTION DISC	2
25	303-4430-00	CHAIN SUPPORT	1
26	305-4440-00	SPRING WASHER	3
27	7010-002520-175	1/4-20 UNCX1 3/4 HEX CAP SCREW	13
28	7010-003716-150	3/8-16 UNCX1 1/2 HEX CAP SCREW	4
29	7010-003716-175	3/8-16 UNCX1 3/4 HEX CAP SCREW	4
30	7016-312520-075	1/4-20 UNC X 3/4 FH MA SC	1
31	7018-003118-075	5/16-18 UNCX3/4 HEX SO CA SCW	2
32	7034-003118-000	5/16-18 UNC HEXAGON NUT	2
33	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	13
34	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	4
35	7050-028062-006	9/32 X 5/8 X 1/16 FLAT WASHER	24
36	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	9
37	7052-100137-003	1 X 1 3/8 X 1/32 FLAT WASHER	1
38	7060-031057-009	5/16 LOCK WASHER	1
39	7060-037067-010	3/8 LOCK WASHER	4

322-4400-00
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Sweep Actuator Components 322-4001-00

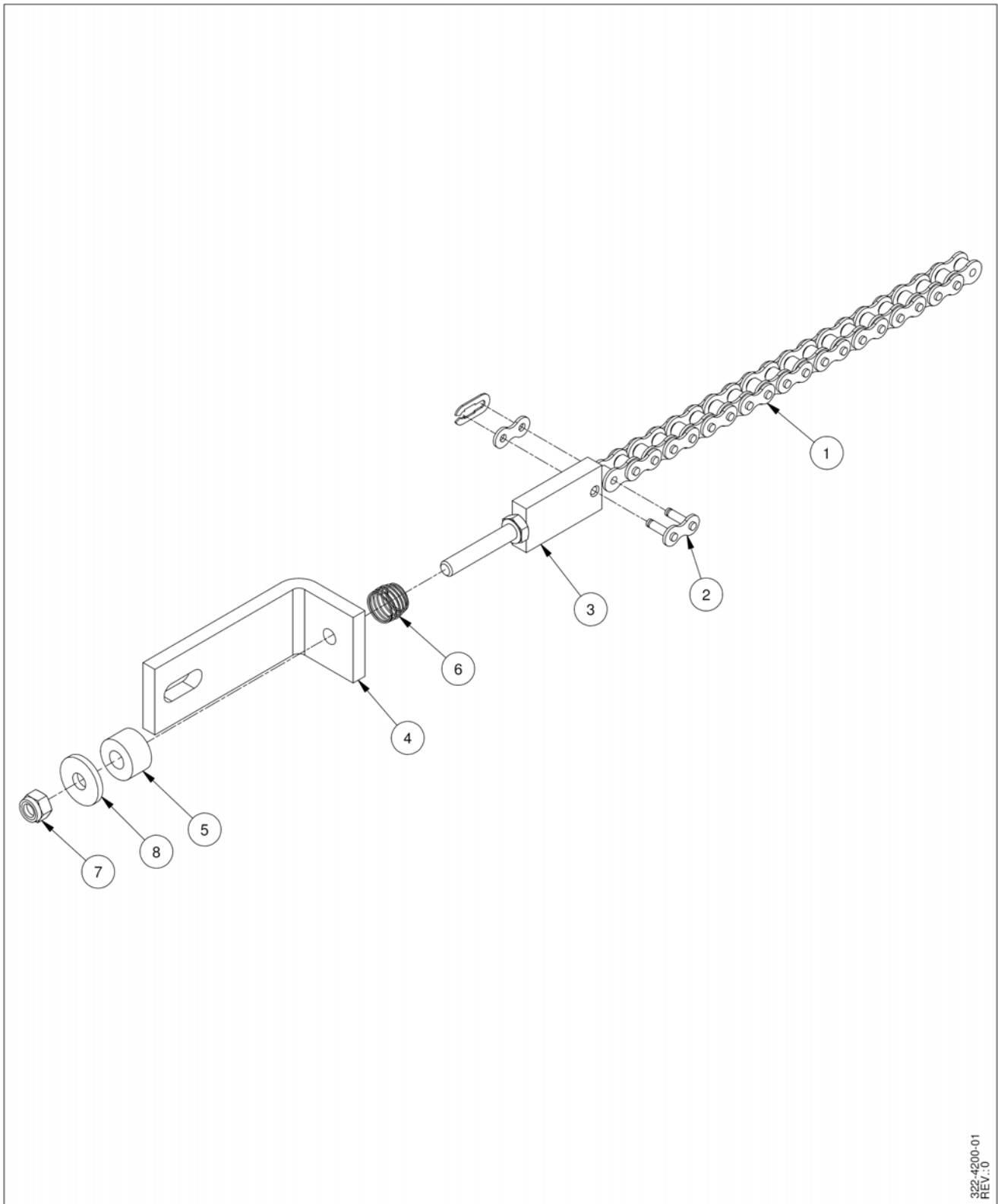
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-0060-00	WIRING CHANNEL FRONT	1
2	302-0070-00	WIRING DUCT SUPPORT (REAR)	1
3	302-0080-00	WIRING CHANNEL ANGLE	2
4	302-4600-00	OPTO MOUNTING PLATE SWEEP	1
5	302-4620-00	HOSE COLLAR 2 [50MM]	2
6	303-4630-00	DOUBLE ACTUATOR	1
7	393-4610-00	SWEEP UP ACTUATOR	1
8	7010-003118-075	5/16-18 UNCX3/4 HEX CAP SCREW	6
9	7010-003716-275	3/8-16 UNCX2 3/4 HEX CAP SCREW	9
10	7016-410632-100	6-32 UNCX1 MA SC RH S0	4
11	7034-003118-000	5/16-18 UNC HEXAGON NUT	1
12	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	3
13	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	2
14	7046-000632-006	6-32 UNCX1/16 WELD NUT	1
15	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	2
16	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	1
17	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	1
18	7060-031057-009	5/16 LOCK WASHER	1
19	SB-ECIL-325-FS	OPTICAL SENSOR ASSY WHITE	2



322-4001-00
REV.:0

Sweep Up Chain Support 322-4200-01

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-4200-00	SWEEP CHAIN	1
2	302-4215-00	SWEEP CHAIN COUPLING	1
3	302-4240-00	CHAIN BLOCK [BOTTOM]	1
4	302-4250-00	RETAINING BRACKET	1
5	304-4250-00	BUMPER	1
6	305-5500-00	SHAFT SPRING	1
7	7036-003124-000	HEX NYLON NUT 5/16-24 UNF	1
8	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	1

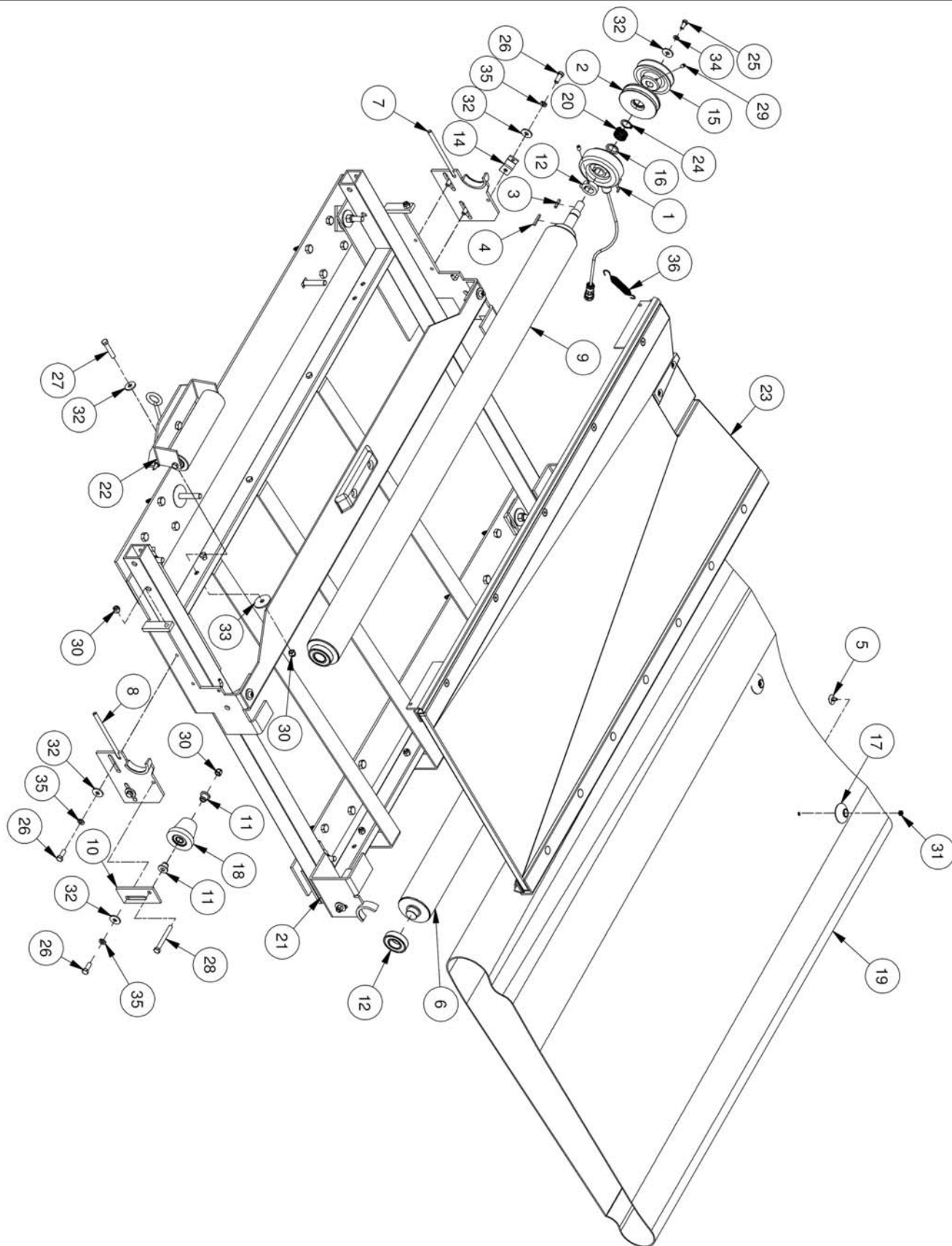


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Pit

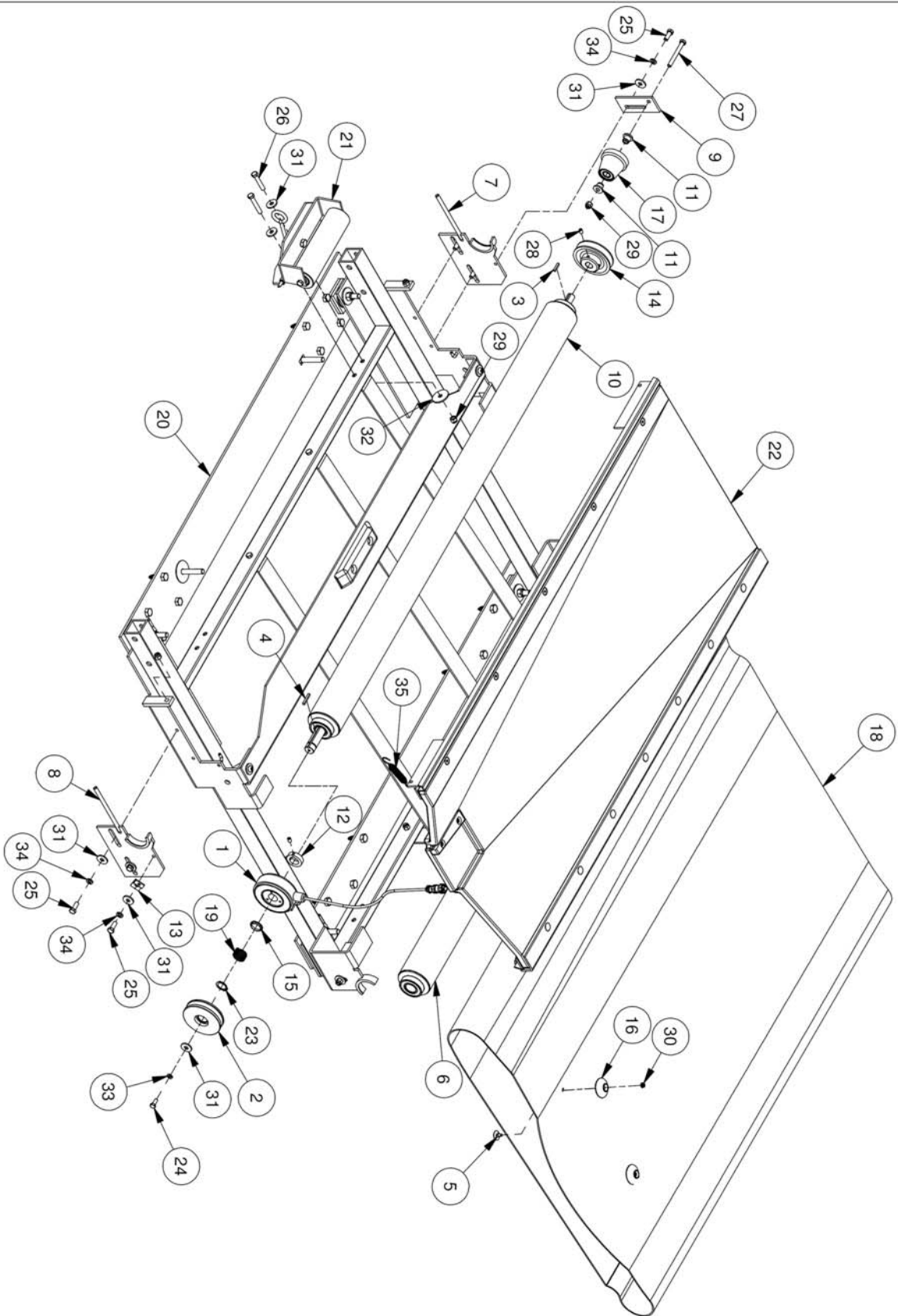
Pinsetter Lane 1 Conveyor Belt Assembly 322-6001-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	301-1400-00	MAGNETIC CLUTCH	1
2	302-2090-00	DRIVE TRAIN PULLEY	1
3	302-2410-00	KEYWAY 3/16	1
4	302-2430-00	KEYWAY 3/16	1
5	302-6005-00	ELEVATOR BOLT	2
6	302-6025-00	CONVEYOR ROLLER [FRONT]	1
7	302-6030-00	TENSIONNER PLATE RIGHT	1
8	302-6035-00	TENSIONNER PLATE LEFT	1
9	302-6050-00	REAR CONVEYER ROLLER [RIGHT]	1
10	302-6070-00	ROLLER GUIDE SUPPORT	1
11	302-6180-00	BUSHING BEARING	2
12	302-6190-00	STEEL COLLAR SPECIAL	1
13	302-6206-00	BALL BEARING	4
14	302-6420-00	BRACKET FOR MAGNET CLUTCH	1
15	302-6610-00	CARROUSEL PULLEY	1
16	303-2010-00	SPRING GUIDE	1
17	303-6000-00	PIN DEFLECTOR	2
18	303-6070-00	GUIDE WHEEL	1
19	304-6000-00	PIT CONVEYOR BELT	1
20	305-2000-00	SPRING	1
21	322-6000-00	PIT ASSEMBLY, LEFT AND RIGHT	1
22	322-6250-00	PIT CONVEYOR BELT TENSIONNER	1
23	333-6175-00	PIT TABLE ASSEMBLY, LEFT LANE	1
24	7002-720000-098	EXTERNAL RETAINING RING 63/64"	1
25	7010-003118-075	5/16-18 UNC X 3/4 HEX CAP SCREW	1
26	7010-003716-100	3/8-16 UNC X 1 HEX CAP SCREW	6
27	7010-003716-200	3/8-16 UNC X 2 HEX CAP SCREW	1
28	7010-003716-325	3/8-16 UNC X 3 1/4 HEX CAP SCREW	1
29	7014-003118-050	5/16-18 UNC X 1/2 SET SCREW	4
30	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	4
31	7044-002520-000	HEX THIN NYLON NUT 1/4-20 UNC	2
32	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	9
33	7050-040175-012	13/32 X 1 3/4 X 1/8 FLAT WASHER	1
34	7060-031057-009	5/16 LOCK WASHER	1
35	7060-037067-010	3/8 LOCK WASHER	6
36	S-071	EXTENSION SPRING	1



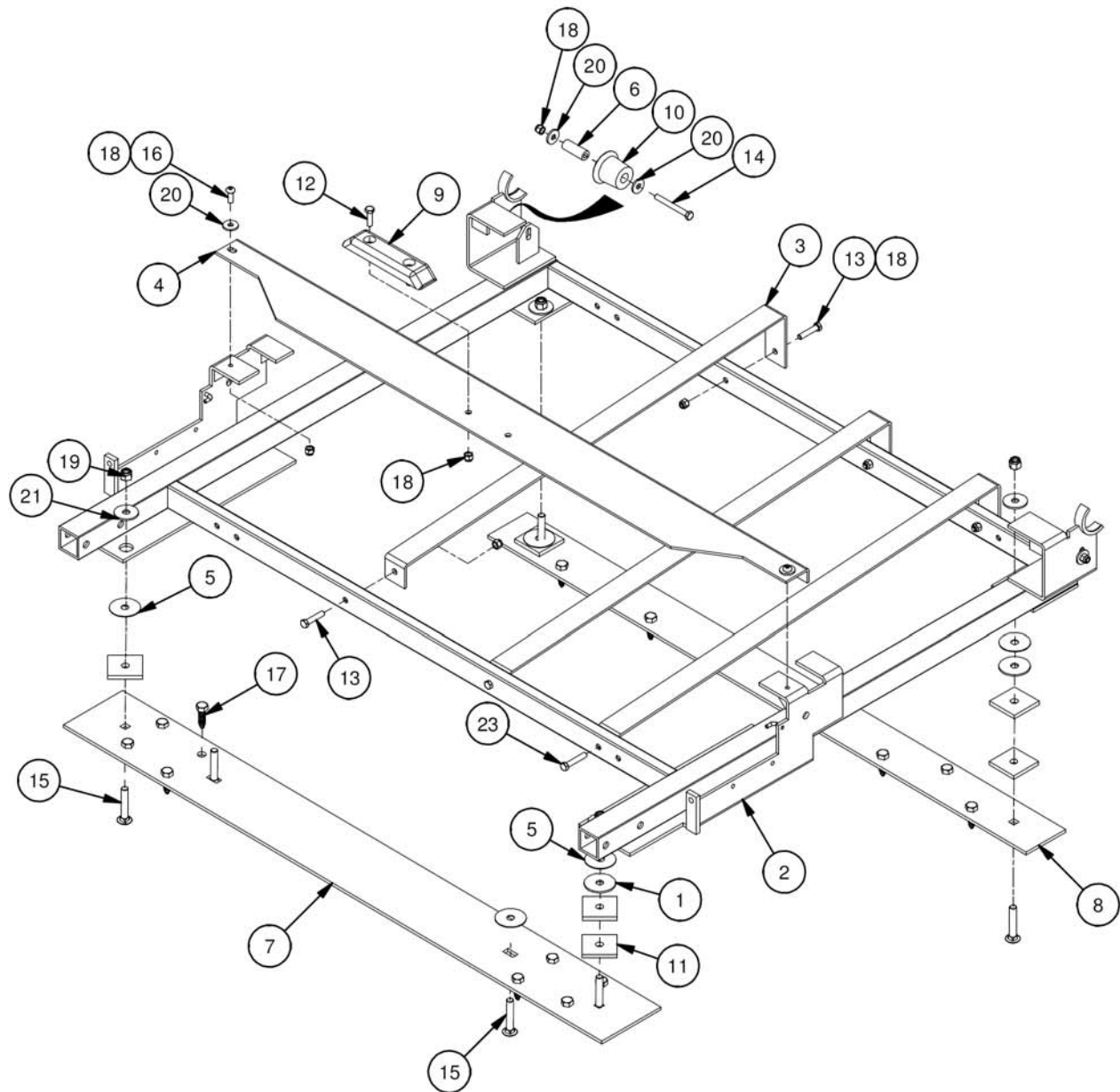
Pinsetter Lane 2 Conveyor Belt Assembly 322-6002-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	301-1400-00	MAGNETIC CLUTCH	1
2	302-2090-00	DRIVE TRAIN PULLEY	1
3	302-2410-00	KEYWAY 3/16	1
4	302-2430-00	KEYWAY 3/16	1
5	302-6005-00	ELEVATOR BOLT	2
6	302-6025-00	CONVEYOR ROLLER [FRONT]	1
7	302-6030-00	TENSIONNER PLATE RIGHT	1
8	302-6035-00	TENSIONNER PLATE LEFT	1
9	302-6070-00	ROLLER GUIDE SUPPORT	1
10	302-6075-00	REAR CONVEYOR [LEFT]	1
11	302-6180-00	BUSHING BEARING	2
12	302-6190-00	STEEL COLLAR SPECIAL	1
13	302-6420-00	BRACKET FOR MAGNET CLUTCH	1
14	302-6610-00	CARROUSEL PULLEY	1
15	303-2010-00	SPRING GUIDE	1
16	303-6000-00	PIN DEFLECTOR	2
17	303-6070-00	GUIDE WHEEL	1
18	304-6000-00	PIT CONVEYOR BELT	1
19	305-2000-00	SPRING	1
20	322-6005-00	PIT ASSEMBLY, LEFT AND RIGHT	1
21	322-6250-00	PIT CONVEYOR BELT TENSIONNER	1
22	333-6170-00	PIT TABLE ASSEMBLY, RIGHT LANE	1
23	7002-720000-098	EXTERNAL RETAINING RING 63/64"	1
24	7010-003118-075	5/16-18 UNC X 3/4 HEX CAP SCREW	1
25	7010-003716-100	3/8-16 UNC X 1 HEX CAP SCREW	6
26	7010-003716-200	3/8-16 UNC X 2 HEX CAP SCREW	1
27	7010-003716-325	3/8-16 UNC X 3 1/4 HEX CAP SCREW	1
28	7014-003118-050	5/16-18 UNC X 1/2 SET SCREW	4
29	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	4
30	7044-002520-000	HEX THIN NYLON NUT 1/4-20 UNC	2
31	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	9
32	7050-040175-012	13/32 X 1 3/4 X 1/8 FLAT WASHER	1
33	7060-031057-009	5/16 LOCK WASHER	1
34	7060-037067-010	3/8 LOCK WASHER	6
35	S-071	EXTENSION SPRING	1



Pit Frame assembly 322-6000-00

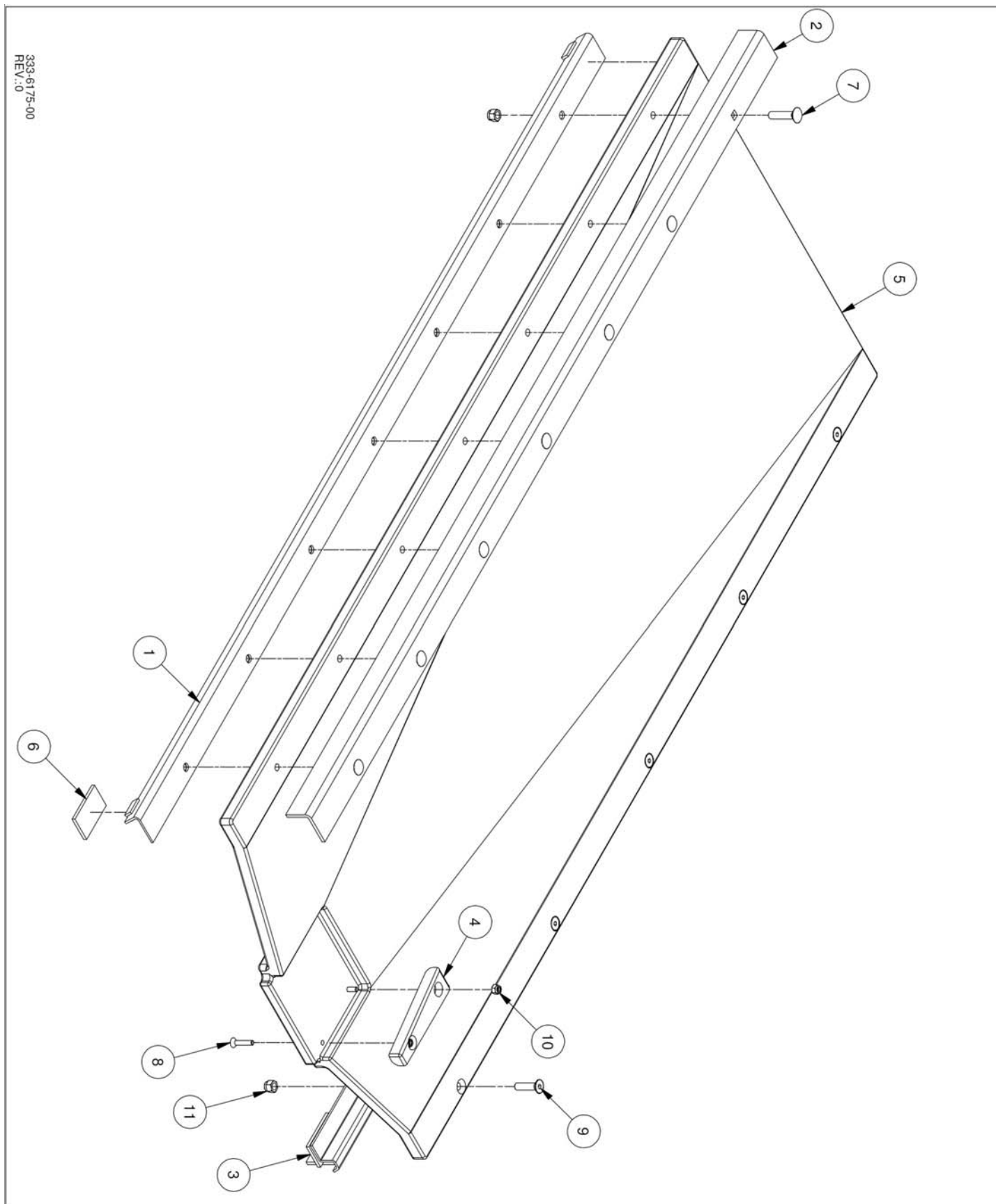
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-1126-00	SPECIAL WASHER	2
2	302-6000-00	PIT FRAME	1
3	302-6010-00	PIT CARPET GUIDE	3
4	302-6020-00	SUPPORT CARPET	1
5	302-6062-00	SPECIAL WASHER	5
6	302-6100-00	SLEEVE BUSHING	2
7	302-6400-00	MOUNTING PLATE ASSY, REAR	1
8	302-6410-00	MOUNTING PLATE ASSY, FRONT	1
9	303-6020-00	CARPET SUPPORT [CENTER]	1
10	303-6100-00	GUIDE WHEEL	2
11	306-1126-00	SHIM	6
12	7010-003716-125	3/8-16 UNC X 1 1/4 HEX CAP SCREW	2
13	7010-003716-175	3/8-16 UNC X 1 3/4 HEX CAP SCREW	5
14	7010-003716-325	3/8-16 UNC X 3 1/4 HEX CAP SCREW	2
15	7012-005013-250	1/2-13 UNC X 2 1/2 CARRIAGE BOLT	6
16	7018-503716-100	3/8-16 UNC X 1 BUTTON HEAD HEX SOCKET	2
17	7028-005000-175	1 in / 2 ul X 1.75 in LAG SCREW	14
18	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	12
19	7036-005013-000	HEX NYLON NUT 1/2-13 UNC	4
20	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	6
21	7050-051175-012	17/32 X 1 3/4 X 1/8 FLAT WASHER	4
23	7010-003716-200	3/8-16 UNC X 2 HEX CAP SCREW	1



322-6000-00
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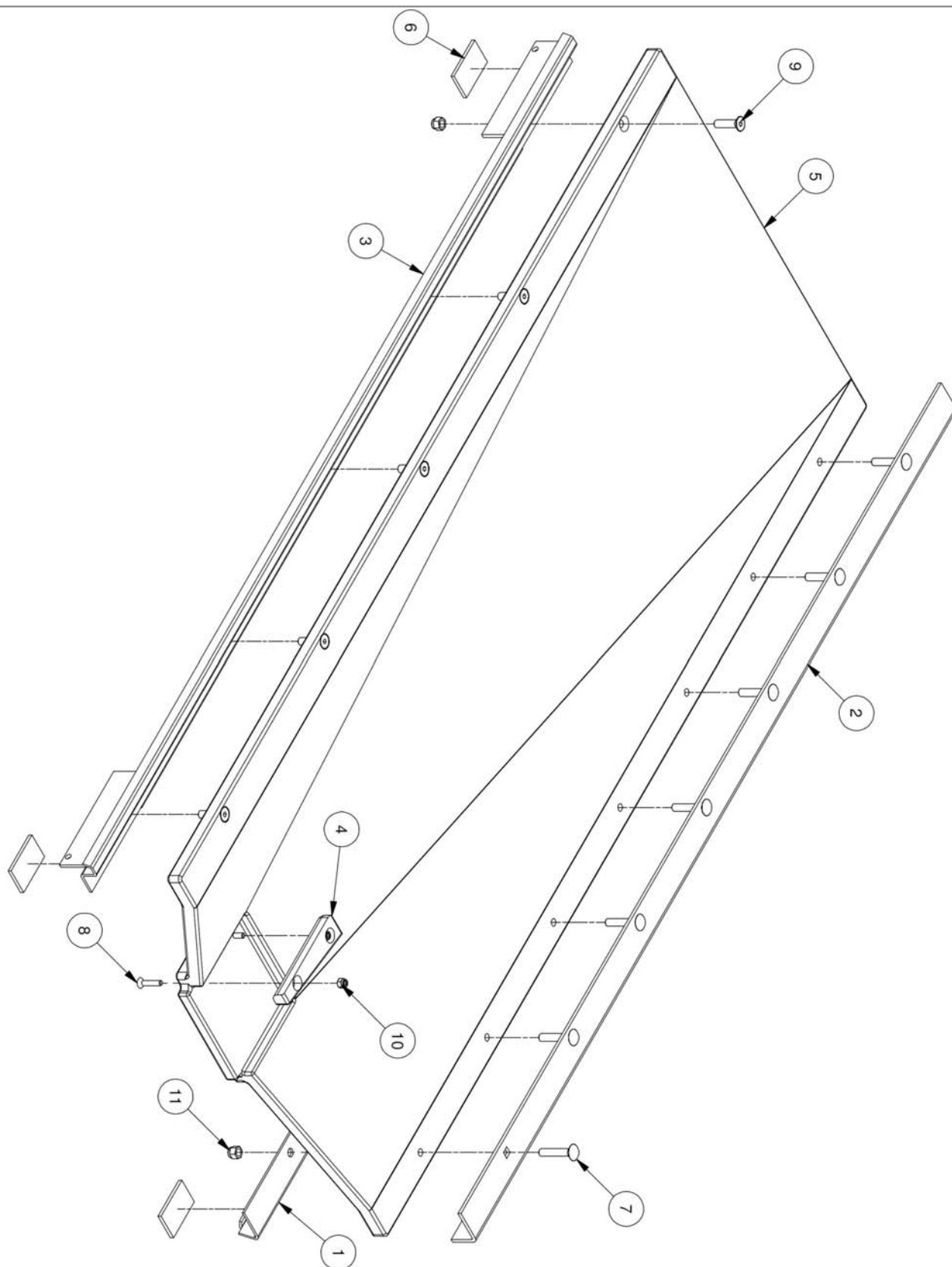
Pit Table Assembly, Lane 1 333-6175-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-6165-00	FRONT SUPPORT TABLE BOTTOM	1
2	302-6170-01	FRONT SUPPORT TABLE TOP	1
3	302-6175-00	REAR SUPPORT TABLE	1
4	303-6015-00	TABLE WEDGE [LEFT]	1
5	303-6175-00	PIT TABLE, LANE 1	1
6	304-6180-00	ISOLATEUR TABLE SIDE	4
7	7012-003716-150	3/8-16 UNC X 1 1/2 CARRIAGE BOLT	7
8	7016-312520-125	1/4-20 UNC X 1 1/4 FH MA SC	2
9	7018-303716-150	FHMS 3 8-16 UNC X 1.5	5
10	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	2
11	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	12



Pit Table Assembly, Lane 2 333-6170-00

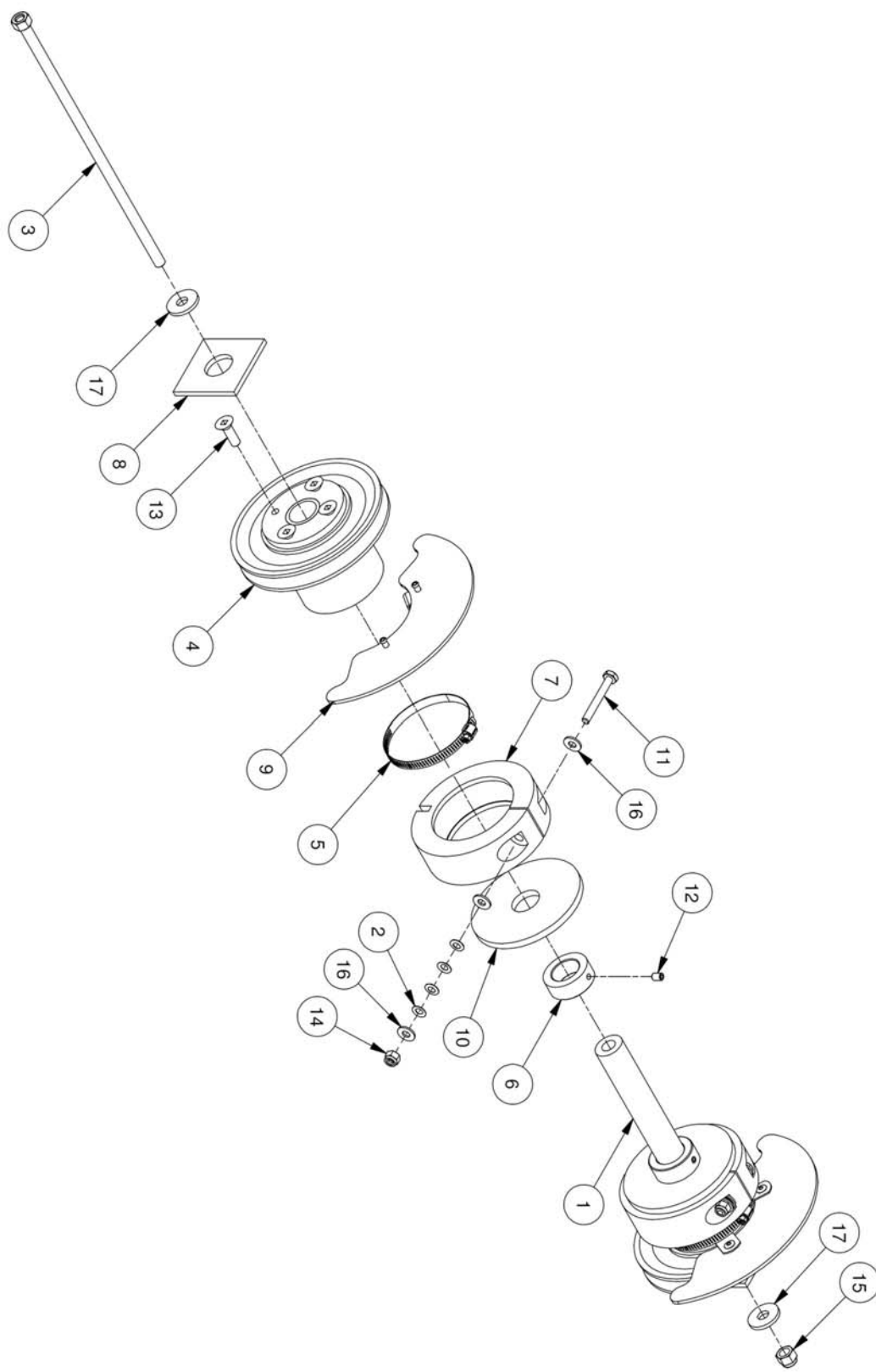
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-6165-00	FRONT SUPPORT TABLE BOTTOM	1
2	302-6170-01	FRONT SUPPORT TABLE TOP	1
3	302-6175-00	REAR SUPPORT TABLE	1
4	303-6010-00	TABLE WEDGE [RIGHT]	1
5	303-6170-00	PIT TABLE, LANE 2	1
6	304-6180-00	ISOLATEUR TABLE SIDE	4
7	7012-003716-175	3/8-16 UNC X 1 3/4 CARRIAGE BOLT	7
8	7016-312520-125	1/4-20 UNC X 1 1/4 FH MA SC	2
9	7018-303716-150	FHMS 3 8-16 UNCX1.5	5
10	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	2
11	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	12



Pit Table Support 322-6510-01

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-6510-01	BALL DOOR SHAFT	1
2	302-6511-00	SPRING WASHER	8
3	302-6515-00	SPECIAL HEXAGON CAP SCREW	1
4	302-6520-00	HUB PULLEYS	2
5	302-6550-00	PIT COLLAR, HS 044	2
6	302-6670-00	STEEL COLLAR, 1	2
7	303-6510-00	BALL DOOR BRAKE	2
8	303-6520-00	DOOR PLASTIC SPACER [SIDE]	2
9	303-6535-01	BALL DOOR ACTUATOR	2
10	303-6540-00	BRAKE SPACER	2
11	7010-002520-225	1/4-20 UNC X 2 1/4 HEX CAP SCREW	2
12	7014-002520-037	1/4-20 UNC X 3/8 SET SCREW	2
13	7016-313118-100	5/16-18 UNC X 1 FH MA SC	8
14	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	2
15	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	1
16	7050-028062-006	9/32 X 5/8 X 1/16 FLAT WASHER	6
17	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	2

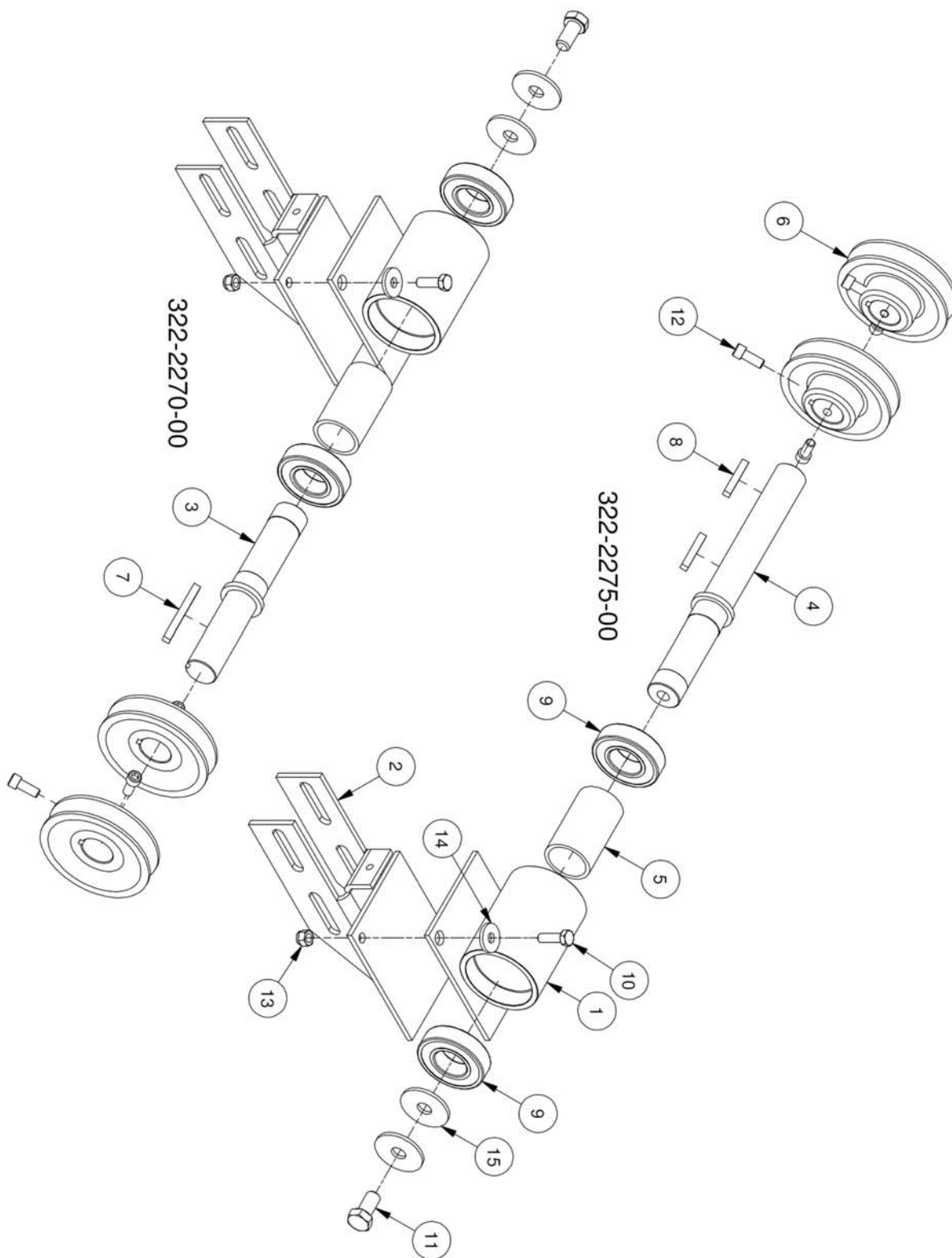
322-6510-01
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Drive Hub Assembly 322-2270-00

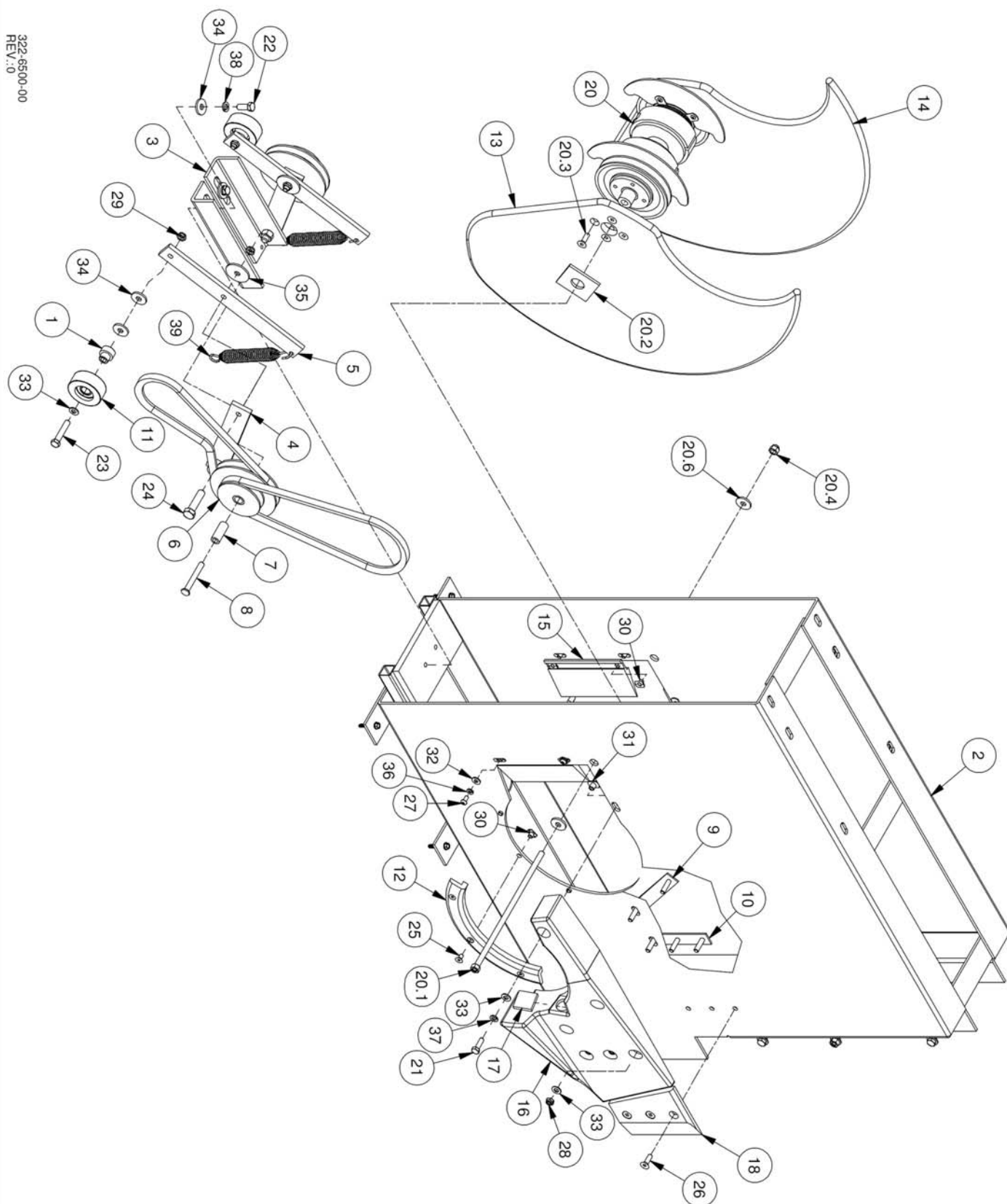
ITEM	PART NUMBER	DESCRIPTION	QTY
1	1-302-2265-00	HUB & PLATE ASSY	1
2	302-2260-01	HUB BRACKET	1
3	302-2270-00	DRIVE TRAIN SHAFT, LANE 2	1
4	302-2275-00	DRIVE TRAIN SHAFT, LANE 1	1
5	302-2280-00	HUB SPACER	1
6	302-2310-00	DRIVE TRAIN PULLEY	2
7	302-2460-00	KEYWAY 1/4	1
8	302-2470-00	KEYWAY 1/4	2
9	302-6206-00	BALL BEARING	2
10	7010-003118-100	5/16-18 UNCX1 HEX CAP SCREW	2
11	7010-005020-100	1/2-20 UNFX1 HEX CAP SCREW	1
12	7018-003118-075	5/16-18 UNCX3/4 HEX SO CA SCW	4
13	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	2
14	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	1
15	7050-051175-012	17/32 X 1 3/4 X 1/8 FLAT WASHER	2

322-2270-00
REV.:0



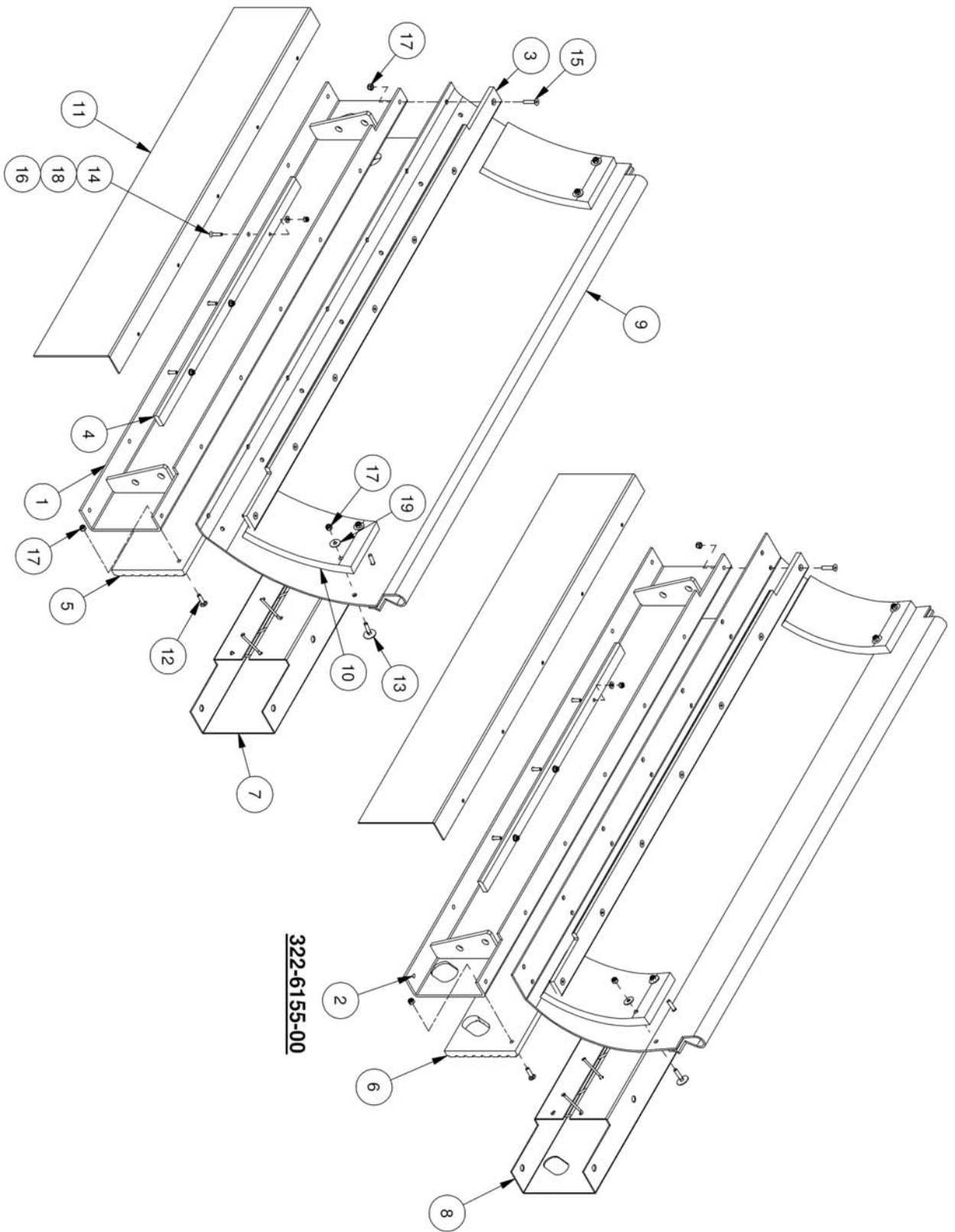
Kickback Components 322-6500-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-4500-00	SWEEP SPROCKET BUSHING	2
2	302-6500-00	KICKBACK ASSY	1
3	302-6585-00	TENSIONNER PULLEY BASE LEFT	1
4	302-6590-00	MOUNTING PLATE	2
5	302-6595-00	MOUNTING PLATE	2
6	302-6600-00	DOUBLE PULLEY	2
7	302-6630-00	BUSHING SHOULDER	2
8	302-6640-00	SPECIAL BOLT	2
9	302-6680-00	DEFLECTOR BLOCK MOUNTING PLATE	2
10	302-6690-00	DEFLECTOR BLOCK MOUNTING PLATE	2
11	303-2340-00	FLAT ROLLER	2
12	303-6550-00	PLASTIC RING	2
13	303-6560-00	BALL DOOR [RIGHT]	1
14	303-6565-00	BALL DOOR [LEFT]	1
15	303-6570-00	PIN DEVIATOR	2
16	303-6600-00	DEFLECTOR BLOCK, RIGHT	1
17	303-6610-00	BALL READY REFLECTOR	2
18	303-6620-00	BALL DEVIATOR [RIGHT]	1
19	304-6500-00	BALL DOOR BELT, 4L340	2
20	322-6510-01	DOOR MAIN SHAFT ASSY	1
20.1	302-6515-00	SPECIAL HEXAGON CAP SCREW	1
20.2	303-6520-00	DOOR PLASTIC SPACER [SIDE]	2
20.3	7016-313118-100	5/16-18 UNC X 1 FH MA SC	8
20.4	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	1
20.5	7050-028062-006	9/32 X 5/8 X 1/16 FLAT WASHER	6
20.6	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	2
21	7010-003118-100	5/16-18 UNC X1 HEX CAP SCREW	2
22	7010-003716-100	3/8-16 UNC X1 HEX CAP SCREW	2
23	7010-003716-200	3/8-16 UNC X2 HEX CAP SCREW	2
24	7010-005013-200	1/2-13 UNC X2 HEX CAP SCREW	2
25	7016-312520-050	1/4-20 UNC X 1/2 FH MA SC	6
26	7016-313118-100	5/16-18 UNC X 1 FH MA SC	6
27	7018-502520-050	1/4-20 UNC X 1/2 BUTTON HEAD HEX SOCKET	4
28	7044-003118-000	HEX THIN NYLON NUT 5/16-18 UNC	10
29	7044-003716-000	HEX THIN NYLON NUT 3/8-16 UNC	4
30	7046-002520-006	1/4-20 UNC TEE NUT	10
31	7046-003118-037	5/16-18 UNC TEE NUT	2
32	7050-028062-006	9/32 X 5/8 X 1/16 FLAT WASHER	4
33	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	14
34	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	7
35	7050-040175-012	13/32 X 1 3/4 X 1/8 FLAT WASHER	2
36	7060-025046-006	1/4 LOCK WASHER	4
37	7060-031057-009	5/16 LOCK WASHER	2
38	7060-037067-010	3/8 LOCK WASHER	2
39	S-080	EXTENSION SPRING	2



Pit cushion assembly lane 1 & 2 322-6150-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-6150-01	CUSHION FRAME LANE 1	1
2	302-6155-01	CUSHION FRAME LANE 2	1
3	303-6150-00	ATTACHMENT PLATE	1
4	303-6160-00	CUSHION MOLDING	1
5	304-6110-00	PIT CUSHION LANE 1	1
6	304-6115-00	PIT CUSHION LANE 2	1
7	304-6150-00	CUSHION COVER	1
8	304-6150-00	CUSHION COVER	1
9	304-6300-00	PIT APRON [LARGE]	1
10	304-6305-00	PIT APRON RENFORCEMENT	2
11	304-6310-00	PIT APRON	1
12	7012-003118-100	5/16-18 UNC X 1 CARRIAGE BOLT	7
13	7013-003118-150	5/16-18 UNC X 1 1/2 ELEVATOR BOLT	4
14	7016-312520-125	1/4-20 UNC X 1 1/4 FH MA SC	3
15	7016-313118-150	5/16-18 UNC X 1 1/2 FH MA SC	7
16	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	3
17	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	18
18	7050-028062-006	9/32 X 5/8 X 1/16 FLAT WASHER	3
19	7050-034100-006	11/32 X 1 X 1/16 FLAT WASHER	4

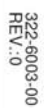


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322-6155-00

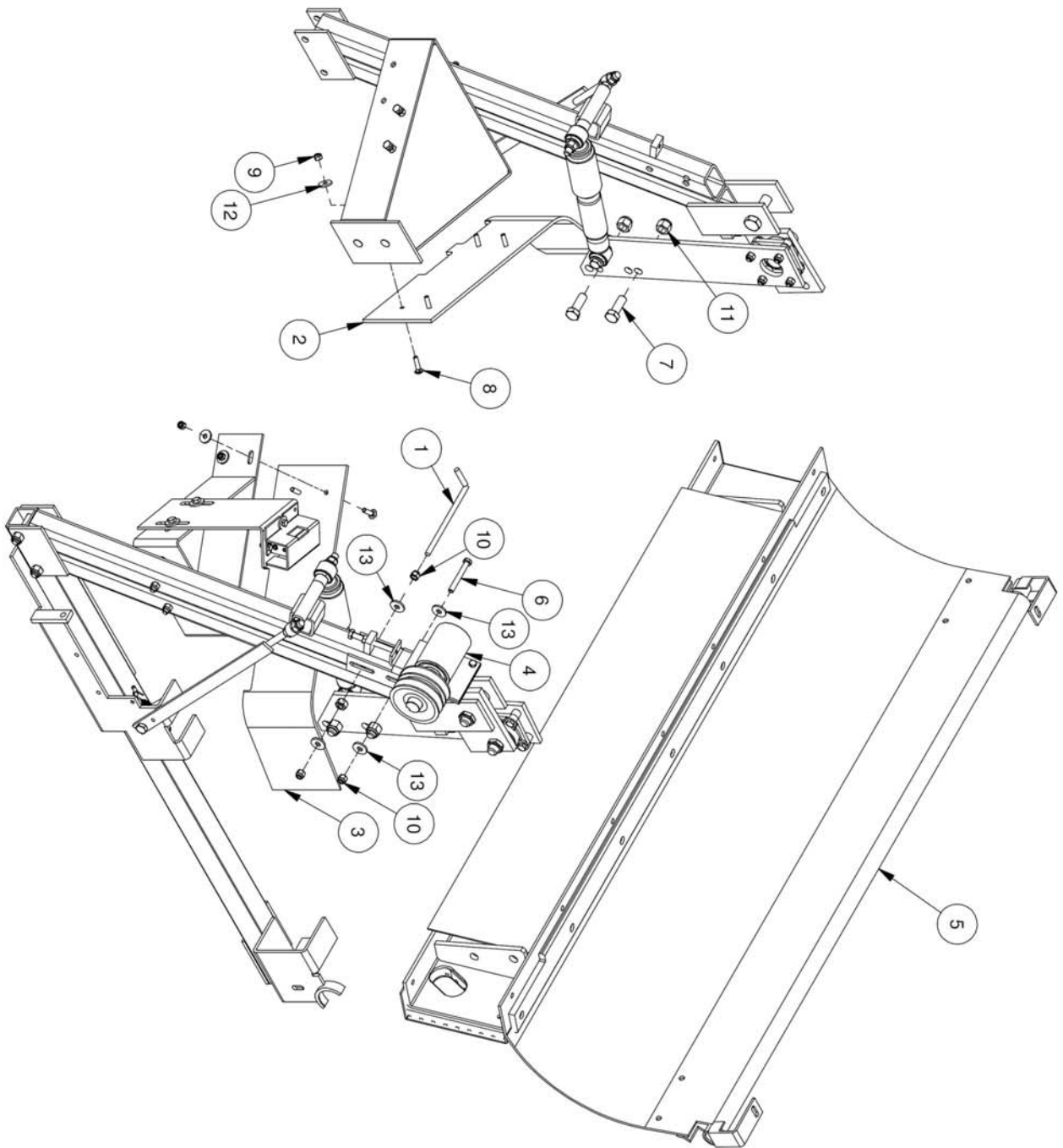
Pinsetter 1 Cushion Components 322-6003-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-2290-00	TENSIONNER BOLT	1
2	302-4130-00	SHOCK	2
3	302-6060-00	SPACER FOR SHOCK	2
4	302-6110-00	BUMPER TENSIONNER	2
5	302-6120-00	PIVOT	2
6	302-6130-00	SUPPORT ARM	2
7	302-6160-00	SHOCK HOLDER	2
8	302-6300-00	BAFFLE STOPPER	1
9	302-6310-00	LEFT DEFLECTOR	1
10	302-6320-00	BALL DETECTOR SUPPORT	1
11	302-6330-00	SENSOR PROTECTOR	1
12	302-6350-00	PIN DEFLECTOR, SUPPORT	1
13	303-6300-00	PIT DEFLECTOR, RIGHT	1
14	303-6305-00	PIT DEFLECTOR, LEFT	1
15	303-6310-00	LEFT DEFLECTOR COVER	1
16	303-6320-00	SIDE PANEL, LEFT DEFLECTOR	1
17	322-2275-00	DRIVE TRAIN SHAFT ASSY, LANE 1	1
18	322-6145-00	MOUNTING PLATE LEFT	1
18.1	302-3020-00	SPACER BUSHING	4
18.2	302-6140-00	CUSHION ARM	1
18.3	302-6211-00	FLANGE BEARING	1
18.4	7010-003716-200	3/8-16 UNC X 2 HEX CAP SCREW	4
18.5	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	4
19	322-6150-00	CUSHION FRAME ASSY	1
20	7010-002520-075	1/4-20 UNC X 3/4 HEX CAP SCREW	2
21	7010-003118-100	5/16-18 UNC X 1 HEX CAP SCREW	1
22	7010-003716-150	3/8-16 UNC X 1 1/2 HEX CAP SCREW	4
23	7010-003716-300	3/8-16 UNC X 3 HEX CAP SCREW	5
24	7010-005013-150	1/2-13 UNC X 1 1/2 HEX CAP SCREW	2
25	7010-005013-250	1/2-13 UNC X 2 1/2 HEX CAP SCREW	2
26	7010-005013-325	1/2-13 UNC X 3 1/4 HEX CAP SCREW	4
27	7010-006218-175	5/8-18 UNF X 3/4 HEX CAP SCREW	4
28	7010-007510-250	3/4-10 UNC X 2 1/2 HEX CAP SCREW	2
29	7010-007510-350	3/4-10 UNC X 3 1/2 HEX CAP SCREW	2
30	7012-003118-100	5/16-18 UNC X 1 CARRIAGE BOLT	10
31	7034-003118-000	5/16-18 UNC HEXAGON NUT	1
32	7034-003716-000	3/8-16 UNC HEXAGON NUT	3
33	7034-005013-000	1/2-13 UNC HEXAGON NUT	4
34	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	2
35	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	10
36	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	11
37	7036-005013-000	HEX NYLON NUT 1/2-13 UNC	10
38	7036-006218-000	HEX NYLON NUT 5/8-18 UNF	4
39	7044-007510-000	HEX THIN NYLON NUT 3/4-10 UNC	4
40	7050-034068-006	11/32 X 1 1/16 X 1/16 FLAT WASHER	2
41	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	11
42	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	12
43	7050-050106-009	17/32 X 1 1/16 X 3/32 FLAT WASHER	6
44	SB-1500-40	BALL READY TRANSMITTER ASSY.	1



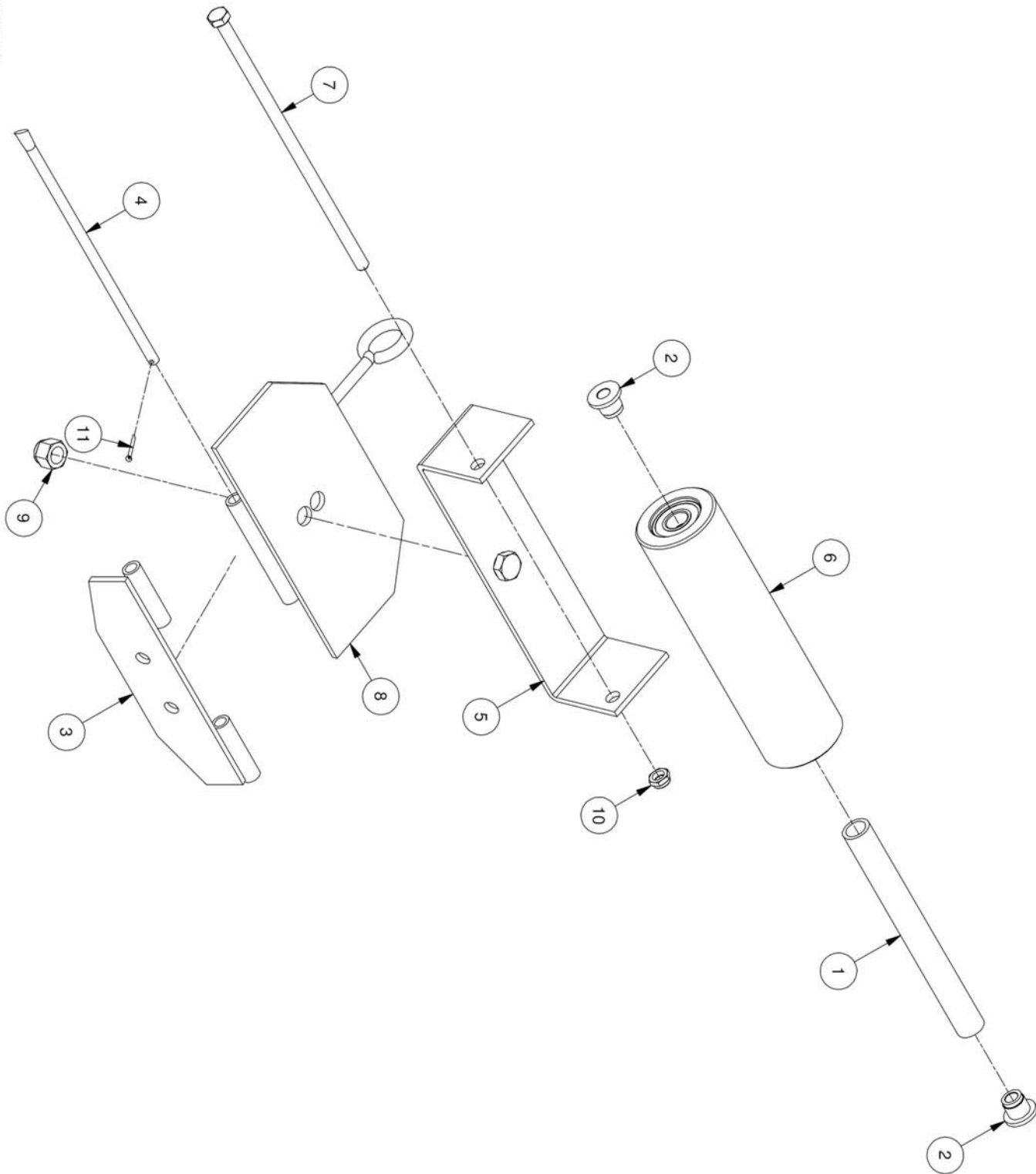
Pinsetter 2 cushion Components 322-6004-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-6350-00	PIN DEFLECTOR, SUPPORT	1
2	303-6300-00	PIT DEFLECTOR, RIGHT	1
3	303-6305-00	PIT DEFLECTOR, LEFT	1
4	322-2270-00	DRIVE TRAIN SHAFT ASSY, LANE 2	1
5	322-6155-00	CUSHION FRAME ASSY	1
6	7010-003716-300	3/8-16 UNC X 3 HEX CAP SCREW	5
7	7010-006218-175	5/8-18 UNFX1 3/4 HEX CAP SCREW	4
8	7012-003118-100	5/16-18 UNC X 1 CARRIAGE BOLT	10
9	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	10
10	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	11
11	7036-006218-000	HEX NYLON NUT 5/8-18 UNF	4
12	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	11
13	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	12



Conveyor Belt Tensionner

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-6090-01	SLEEVE BUSHING	1
2	302-6180-00	BUSHING BEARING	2
3	302-6251-00	BOTTOM HINGE	1
4	302-6252-00	HINGE PIN	1
5	302-6260-01	TENSION ROLLER BRACKET	1
6	303-6090-01	TENSION ROLLER	1
7	7010-003716-800	3/8-16 UNC X 10 HEX CAP SCREW	1
8	7032-003716-500	TOP HINGE	1
9	7036-005020-000	HEX NYLON NUT 1/2-20 UNF	1
10	7044-003716-000	HEX THIN NYLON NUT 3/8-16 UNC	1
11	7080-000900-075	3/32 X 3/4 COTTER PIN	1

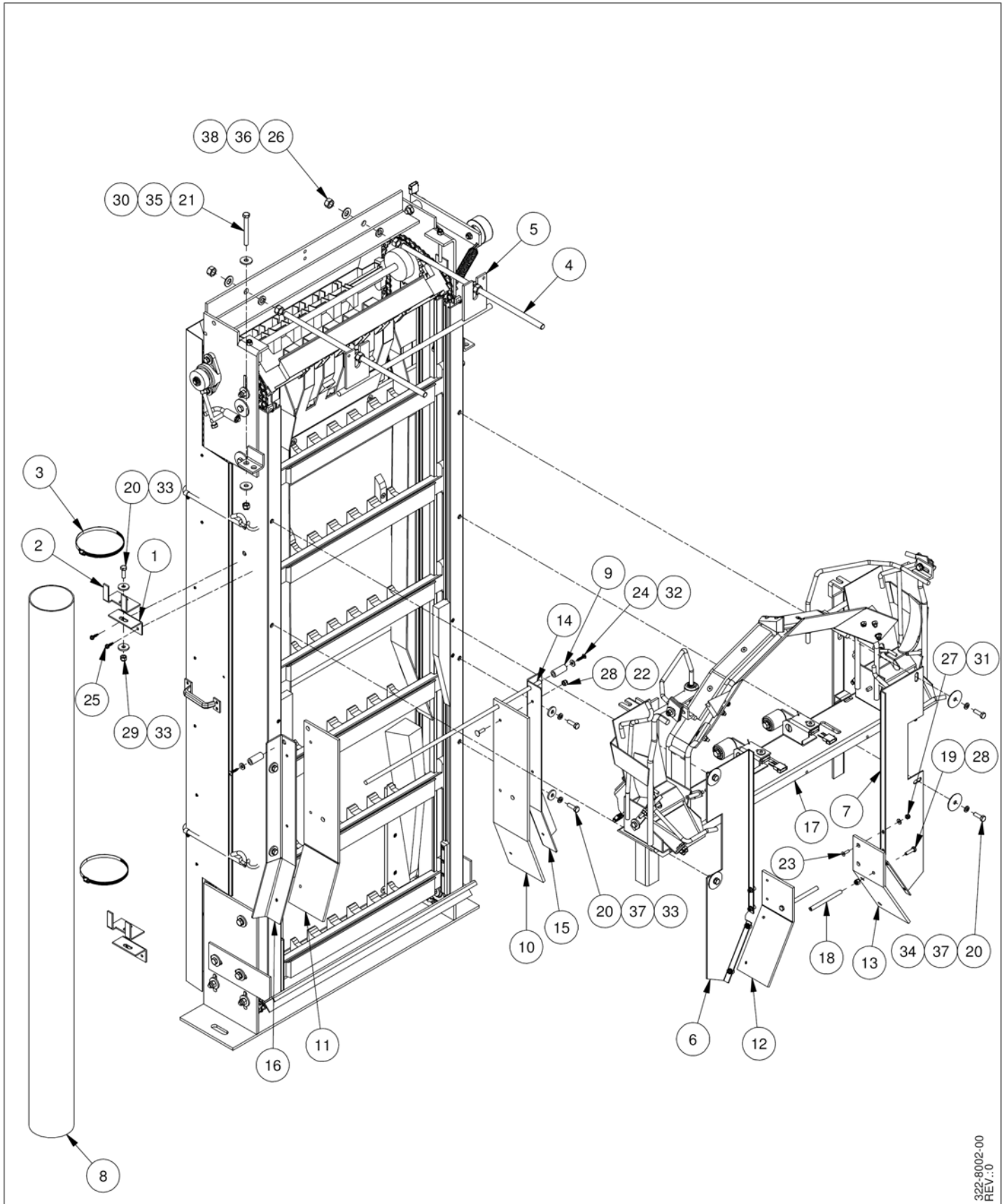


322-6250-00
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Elevator

Elevator Main Components 322-8002-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-1200-00	LOAD GUIDE BRACKET	2
2	302-1210-00	LOAD GUARD BRACKET	2
3	302-1220-00	STEEL COLLAR	2
4	302-8250-00	PIN LIFT ATTACHEMENT ROD	2
5	302-8260-00	PIN DEFLECTOR [TOP]	1
6	302-8310-00	UP DEFLECTOR RIGHT	1
7	302-8315-00	UP DEFLECTOR LEFT	1
8	303-1190-00	LOAD GUIDE	1
9	303-5520-00	GUIDE ROLLER	2
10	303-8160-00	COVER, RIGHT FRONT DEFLECTOR	1
11	303-8165-00	COVER, LEFT FRONT DEFLECTOR	1
12	303-8310-00	PIN PROTECTOR RIGHT	1
13	303-8315-00	PIN PROTECTOR LEFT	1
14	304-8200-00	PIN ALIGNMENT BAR	1
15	308-8160-00	FRONT DEFLECTOR (RIGHT)	1
16	308-8165-00	FRONT DEFLECTOR ,[LEFT]	1
17	322-8500-01	CARROUSEL STAGING ASSEMBLY	1
18	394-8375-00	POLYURETHENE TUBING .370 X.140 X4	2
19	7010-002520-100	1/4-20 UNCX1 HEX CAP SCREW	2
20	7010-003118-100	5/16-18 UNCX1 HEX CAP SCREW	8
21	7010-003716-325	3/8-16 UNCX3 1/4 HEX CAP SCREW	2
22	7012-002520-075	1/4-20 UNC X 3/4 CARRIAGE BOLT	6
23	7016-311032-075	10-32 UNF X 3/4 FH MA SC	8
24	7024-711000-100	#10 X 1 TAP SCW PH SOCK	2
25	7027-201016-075	#10-16 X 3/4 TECK SCW HEX WASHER	6
26	7034-005013-000	1/2-13 UNC HEXAGON NUT	10
27	7036-001032-000	HEX NYLON NUT 10-32 UNF	8
28	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	8
29	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	2
30	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	2
31	7050-021050-006	7/32 X 1/2 X 3/64 FLAT WASHER	8
32	7050-028062-006	9/32 X 5/8 X 1/16 FLAT WASHER	2
33	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	8
34	7050-034175-012	11/32 X 1 3/4 X 1/16 FLAT WASHER	4
35	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	4
36	7050-050106-009	17/32 X 1 1/16 X 3/32 FLAT WASHER	6
37	7060-031057-009	5/16 LOCK WASHER	8
38	7060-050087-012	1/2 LOCK WASHER	5



322-8002-00
REV.:0

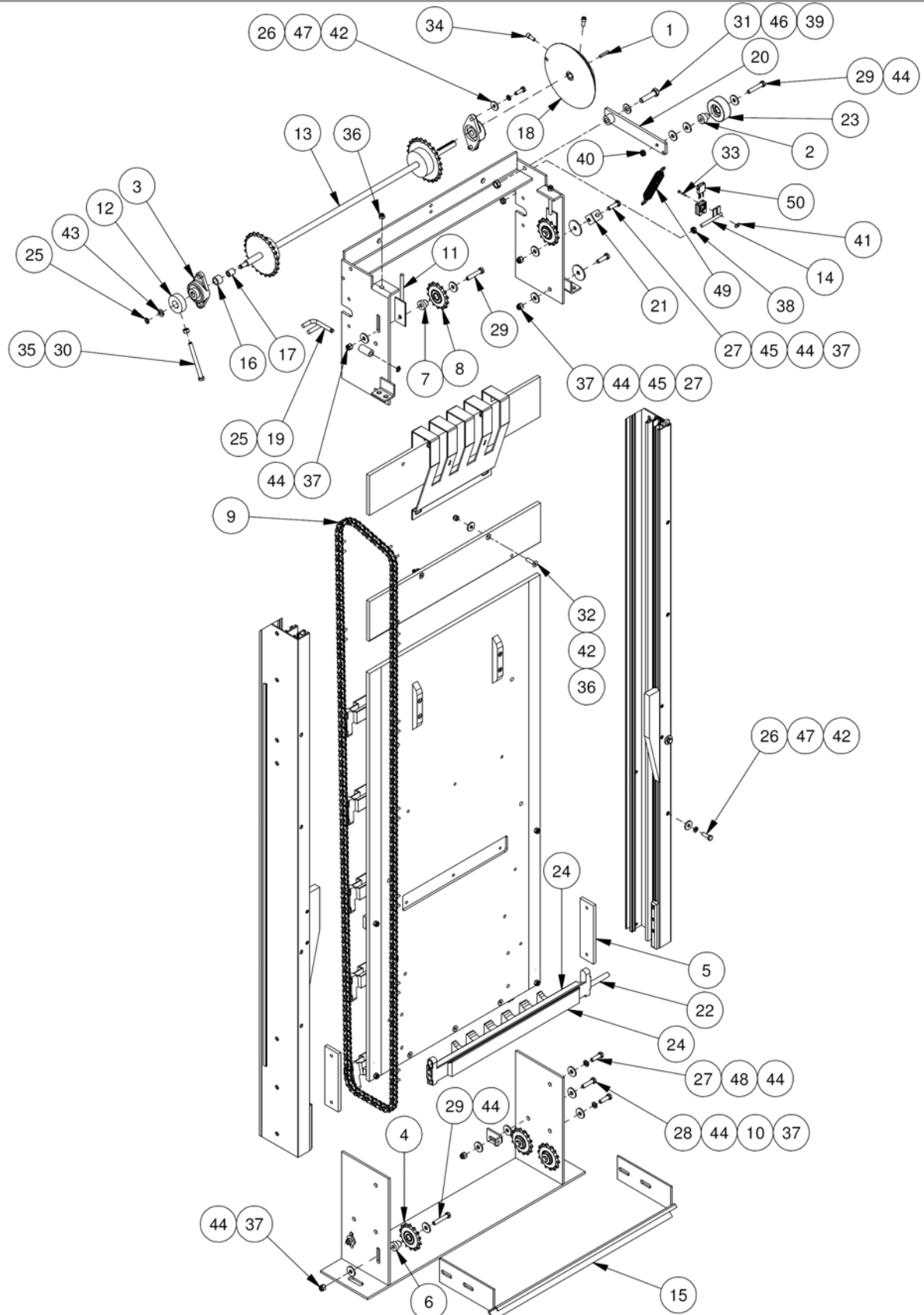
Elevator Main Components 322-8000-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-8000-00	STEEL STRAP	2
2	302-8010-00	PIN ELAVATOR FRAME, BOTTOM	1
3	302-8020-00	PIN LEFT HEAD	1
4	302-8040-01	PIN EXTRACTOR	1
5	302-8050-00	PIN GUIDE	1
6	302-8080-00	ELEVATOR COVER	1
7	302-8085-00	DOOR PULL	2
8	302-8300-01	PIN DEFLECTOR [RIGHT]	1
9	302-8305-01	PIN DEFLECTOR [LEFT]	1
10	302-8320-00	MOUNTING PLATE	1
11	302-8330-00	MOUNTING PLATE	1
12	303-8000-00	CHAIN GUIDE	12
13	303-8010-00	SIDE PROTECTOR	2
14	303-8040-00	SMALL INSIDE PANEL #2	1
15	303-8045-00	INTERIOR PANEL, BOTTOM	1
16	303-8050-00	SMALL INSIDE PANELL #1	1
17	303-8055-00	PIN GUIDE PROTECTOR	1
18	303-8060-00	PIN LIFT INSIDE GUIDE	1
19	303-8065-00	DEFLECTOR DOWN	1
20	303-8070-00	LOWER BLOCK, RIGHT	1
21	303-8075-00	LOWER BLOCK, LEFT	1
22	303-8080-00	PLASTIC GUIDE COVER	2
23	303-8085-00	PIN BUMPER	2
24	303-8100-00	INTERIOR PLATE, RIGHT	1
25	303-8105-00	INTERIOR PLATE,LEFT	1
26	303-8110-01	PLASTIC SLIDE	2
27	303-8220-00	INTERIOR WEDGE RIGHT	1
28	303-8225-00	INTERIOR WEDGE LEFT	1
29	303-8230-00	PLASTIC BOTTOM	2
30	304-8100-00	UTILITY CORD	2
31	308-8000-00	MAIN SIDE PLATE RIGHT	1
32	308-8005-00	MAIN SIDE PLATE LEFT	1
33	7006-002500-075	SPRING PIN 1/4 X 3/4	2
34	7010-003118-125	5/16-18 UNCX1 1/4 HEX CAP SCREW	10
35	7010-003118-150	5/16-18 UNCX1 1/2 HEX CAP SCREW	4
36	7016-311032-075	10-32 UNF X 3/4 FH MA SC	7
37	7016-311032-150	10-32 UNF X 1 1/2 FH MA SC	9
38	7016-312520-175	1/4-20 UNC X 1 3/4 FH MA SC	7
39	7016-313118-150	5/16-18 UNC X 1 1/2 FH MA SC	3
40	7022-310800-062	#8 X 5/8 WOOD SCW FH SOCK	4
41	7022-311000-175	#10 X 1 3/4 WOOD SCW FH SOCK	6
42	7024-201400-125	#14-10 X 1 1/4 TAP SCW HEX WASHER	4
43	7024-610600-025	#6 X 1/4 TAP SCW PH SOCK	14
44	7036-001032-000	HEX NYLON NUT 10-32 UNF	16
45	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	7
46	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	18
47	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	15
48	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	25
49	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	4
50	7108-401200-037	1/8 X 3/8 ALU. POP RIVET DH	12
51	7150-012037-003	1/8 X 3/8 X 1/32 FLAT WASHER	4
52	7150-019075-009	.193 X 3/4 X 3/32 FLAT WASHER	14
53	E-660-09	CABLE CLAMP	4



Elevator Main Components 322-8001-00

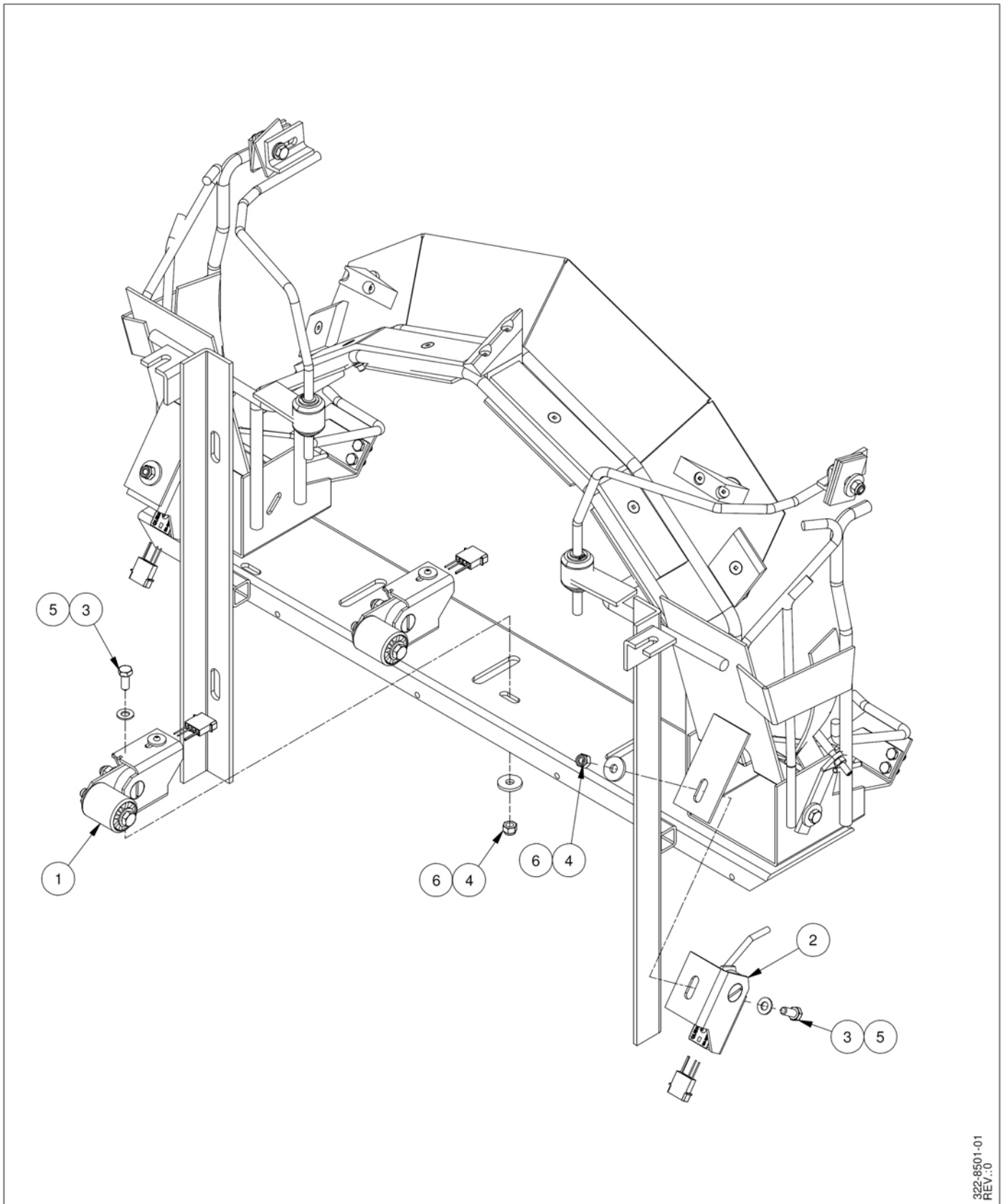
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-2420-00	KEYWAY 3/16	1
2	302-4500-00	SWEEP SPROCKET BUSHING	1
3	302-6210-00	FLANGED BEARING 5/8	2
4	302-8010-00	PIN ELAVATOR FRAME, BOTTOM	1
5	302-8030-00	ATTACHMENT PLATE	2
6	302-8060-00	SPROCKET LOWER BUSHING	4
7	302-8070-00	SPROCKET UPPER BUSHING	2
8	302-8090-00	SPROCKET, 50A14	6
9	302-8100-00	ELEVATOR CHAIN	2
10	302-8110-00	REINFORCEMENT BRACKET [RIGHT]	1
11	302-8120-00	ADJUSTMENT ROD	2
12	302-8130-00	TORRINGTON SLEAVE	1
13	302-8150-00	ELEVATOR SHAFT	1
14	302-8180-00	ENCODER BRACKET	1
15	302-8190-01	BOTTOM FRONT DEFLECTOR	1
16	302-8200-00	CLUTCH BEARING	1
17	302-8210-00	SLEEVE BEARING	1
18	302-8230-00	ELEVATOR PULLEY	1
19	302-8270-00	STOPPER FOR TORRINGTON	1
20	302-8280-00	TENSION PLATE	1
21	302-8290-00	SPRING BRACKET	1
22	302-8340-00	PIN LIFT ARM ROD	14
23	303-2340-00	FLAT ROLLER	1
24	303-8020-01	PIN LIFT ARM	14
25	7002-710000-037	3/8 EXTERNAL RETAIN. RING	2
26	7010-003118-100	5/16-18 UNCX1 HEX CAP SCREW	8
27	7010-003716-125	3/8-16 UNCX1 1/4 HEX CAP SCREW	8
28	7010-003716-150	3/8-16 UNCX1 1/2 HEX CAP SCREW	2
29	7010-003716-200	3/8-16 UNCX2 HEX CAP SCREW	7
30	7010-003716-400	3/8-16 UNCX4 HEX CAP SCREW	1
31	7010-005020-200	1/2-20 UNFX2 HEX CAP SCREW	1
32	7016-313118-125	5/16-18 UNC X 1 1/4 FH MA SC	2
33	7016-410632-100	6-32 UNCX1 MA SC RH SO	1
34	7018-003118-075	5/16-18 UNCX3/4 HEX SO CA SCW	2
35	7034-003716-00	HEXAGONAL NUT	1
36	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	18
37	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	15
38	7038-003118-000	5/16-18 UNC HEX KEEP NUT	2
39	7042-005020-000	1/2-20 UNF HEXAGON NUT	1
40	7044-003716-000	HEX THIN NYLON NUT 3/8-16 UNC	1
41	7046-000632-006	6-32 UNCX1/16 WELD NUT	1
42	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	10
43	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	4
44	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	29
45	7050-040175-012	13/32 X 1 3/4 X 1/8 FLAT WASHER	4
46	7050-050106-009	17/32 X 1 1/16 X 3/32 FLAT WASHER	1
47	7060-031057-009	5/16 LOCK WASHER	8
48	7060-037067-010	3/8 LOCK WASHER	4
49	S-080	EXTENSION SPRING	1
50	SB-ECIL-325-FS	OPTICAL SENSOR ASSY WHITE	1



322-8001-00
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Staging Actuator Components 322-8501-01

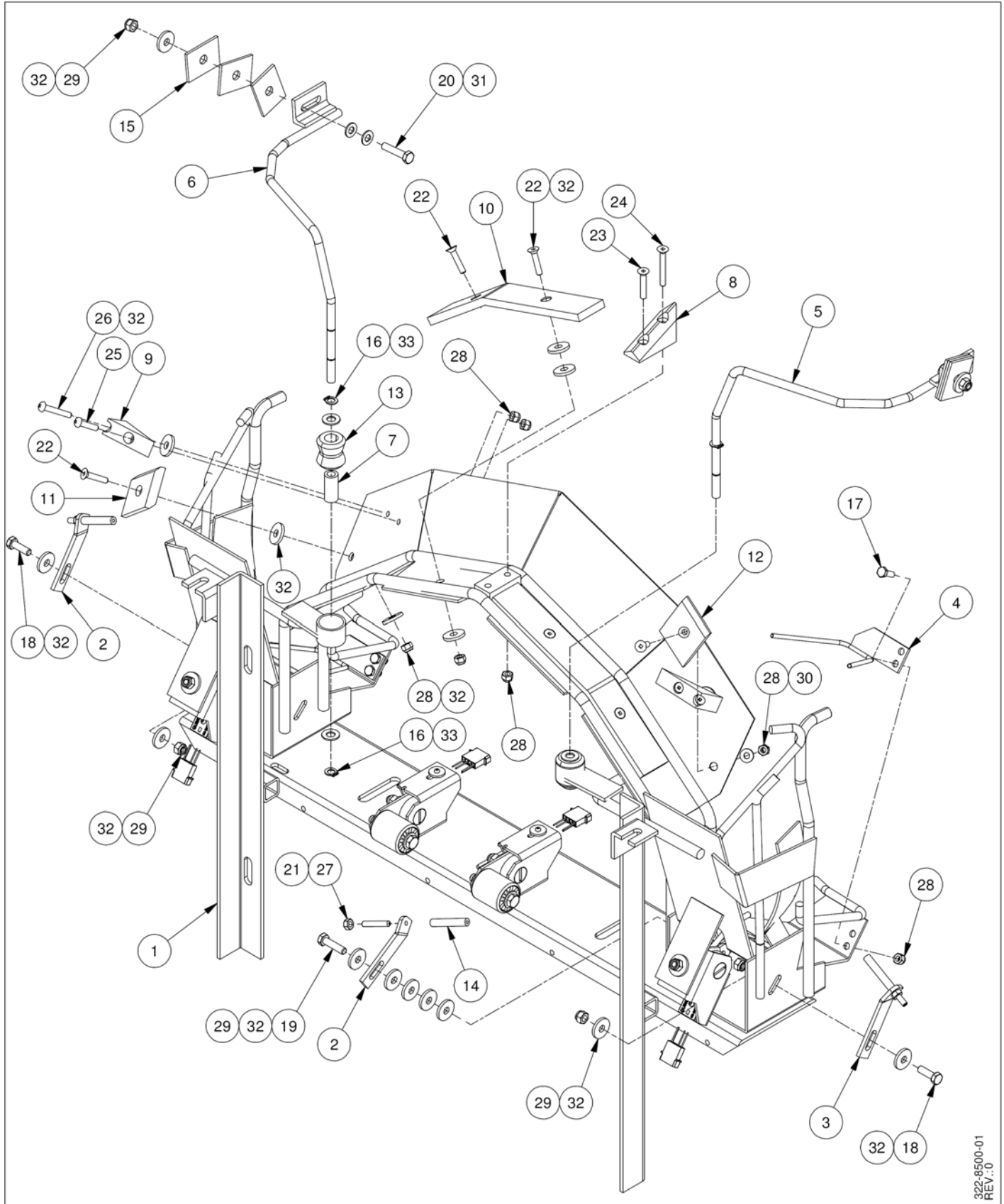
ITEM	PART NUMBER	DESCRIPTION	QTY
1	322-8560-00	PIN COUNTER ACTUATOR ASSEMBLY	2
2	322-8570-00	PIN LOADER ACTUATOR ASSEMBLY	2
3	7010-003118-075	5/16-18 UNCX3/4 HEX CAP SCREW	4
4	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	4
5	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	4
6	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	4



322-8501-01
REV.:0

Staging Frame Components 322-8500-01

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-8500-01	STAGGING FRAME	1
2	302-8610-00	STOPPER PLATE RIGHT	2
3	302-8615-00	STOPPER PLATE LEFT	1
4	302-8620-00	PIN BASE HOLDER	2
5	302-8660-00	STAGING UNIT GUIDE [RIGHT]	1
6	302-8665-00	STAGING UNIT GUIDE [LEFT]	1
7	302-8670-00	BUSHING	2
8	303-8500-00	SLIDE GUIDE [CENTER]	1
9	303-8510-00	SIDE PLASTIC	2
10	303-8520-00	SLIDE	2
11	303-8530-00	PLASTIC BLOCK RIGHT	1
12	303-8535-00	PLASTIC BLOCK RIGHT	1
13	304-1550-00	SLEEVE SHOCK ABSORBER	2
14	304-8375-00	POLYURETHENE TUBING .370 X.140 X2	3
15	304-8530-00	SPECIAL WASHER ABSORBER	6
16	7002-710000-037	3/8 EXTERNAL RETAIN. RING	4
17	7010-002520-075	1/4-20 UNCX3/4 HEX CAP SCREW	4
18	7010-003118-100	5/16-18 UNCX1 HEX CAP SCREW	2
19	7010-003118-125	5/16-18 UNCX1 1/4 HEX CAP SCREW	1
20	7010-003118-150	5/16-18 UNCX1 1/2 HEX CAP SCREW	2
21	7014-002520-150	1/4-20 UNC X 1 1/2 SET SCREW	3
22	7016-312520-125	1/4-20 UNC X 1 1/4 FH MA SC	6
23	7016-312520-150	1/4-20 UNC X 1 1/2 FH MA SC	1
24	7016-312520-200	1/4-20 UNC X 2 FH MA SC	1
25	7016-412520-100	1/4-20 UNCX1 MA SC RH SO	2
26	7016-412520-150	1/4-20 UNCX1 1/2 MA SC RH SO	2
27	7034-002520-000	1/4-20 UNC HEXAGON NUT	3
28	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	16
29	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	5
30	7050-028062-006	9/32 X 5/8 X 1/16 FLAT WASHER	2
31	7050-034068-006	11/32 X 11/16 X 1/16 FLAT WASHER	4
32	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	23
33	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	4

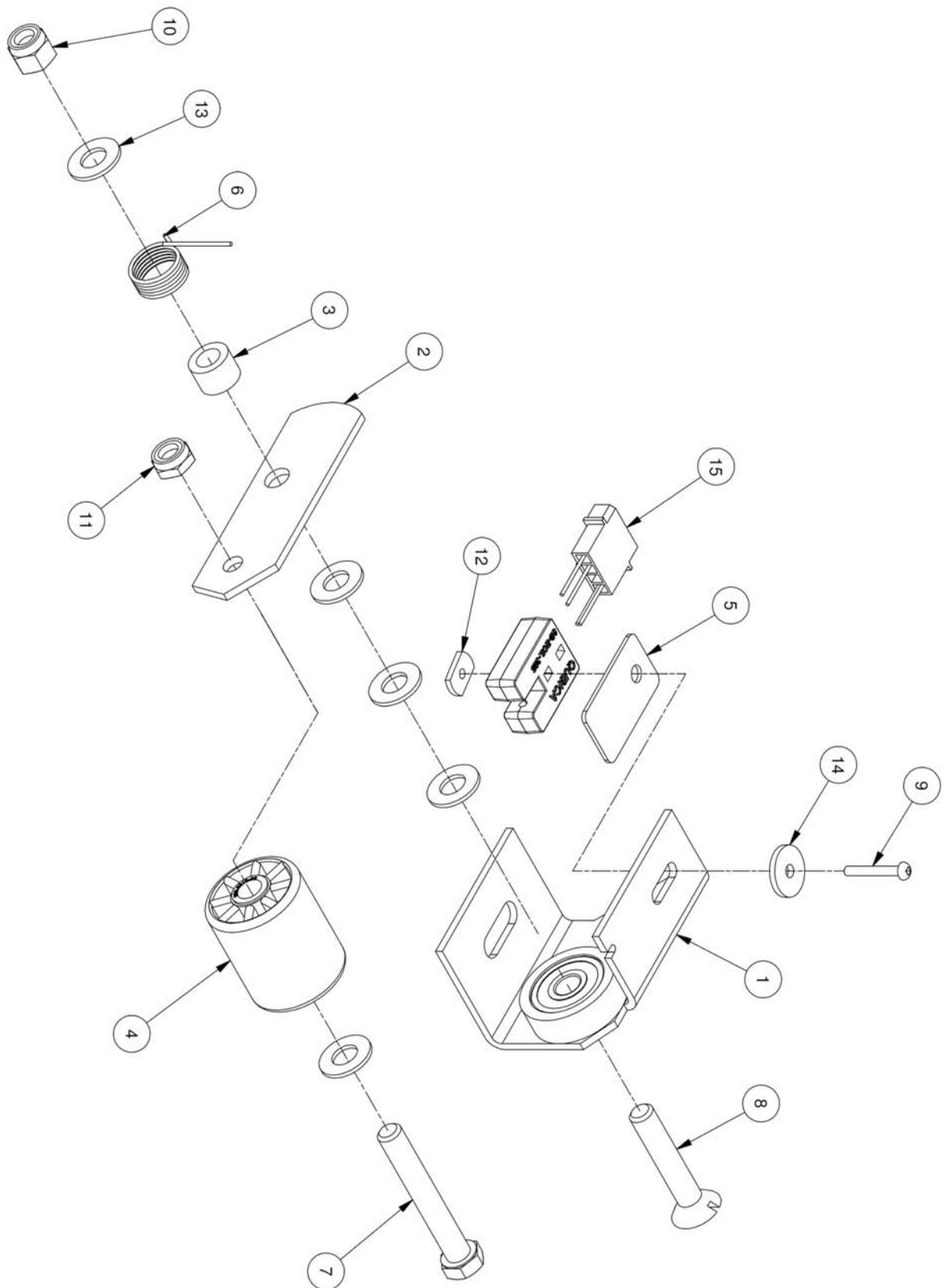


322-8500-01
REV.:0

Pin Elevator Actuator 322-8560-00

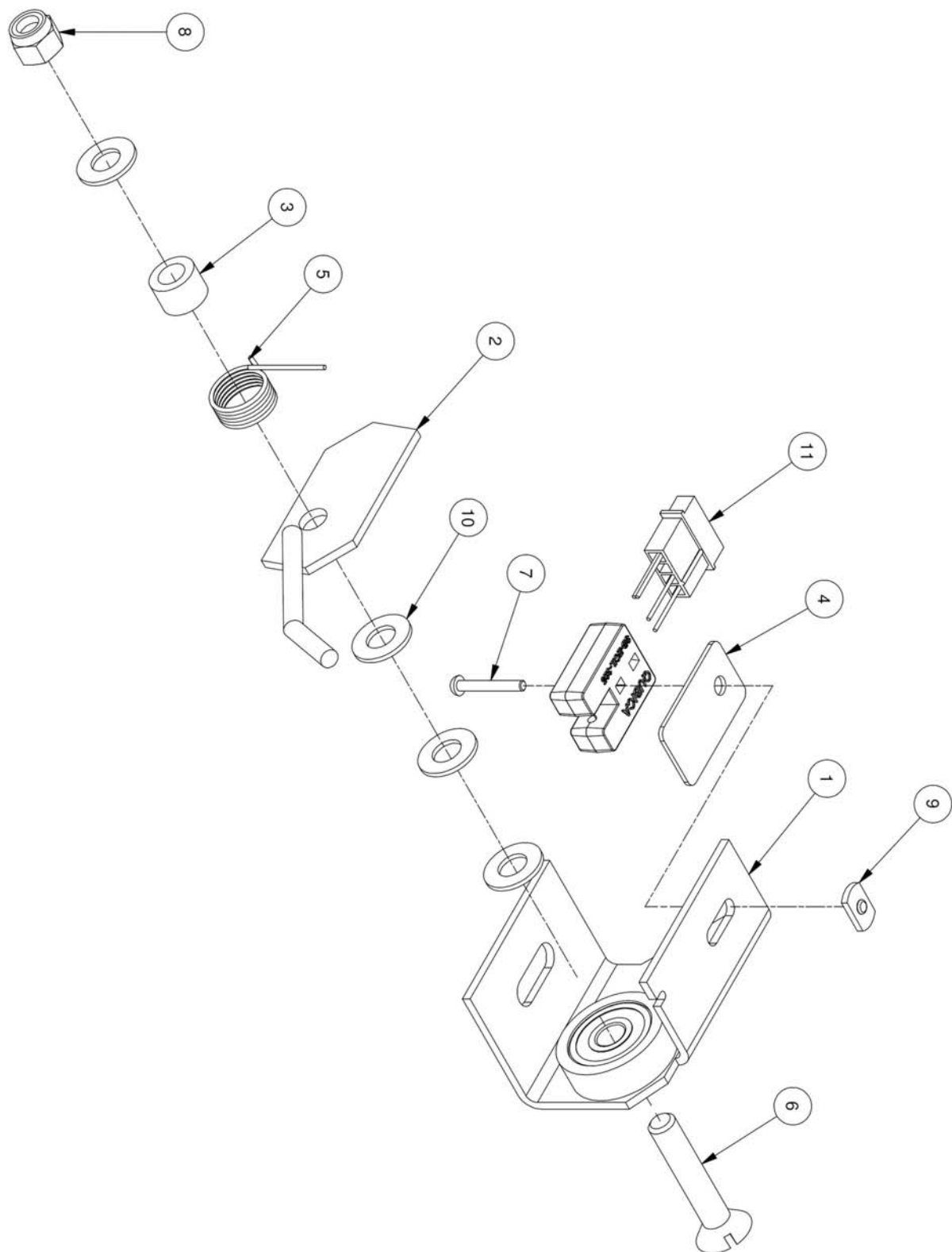
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-8550-00	ACTUATOR BASE	1
2	302-8560-00	BODY PIN ACTUATOR	1
3	303-5300-00	ACTUATOR BUSHING	1
4	303-5510-00	GUIDE ROLLER	1
5	304-8550-00	INSULATOR PAD	1
6	305-8550-00	ACTUATOR SPRING	1
7	7010-003716-250	3/8-16 UNC X 2 1/2 HEX CAP SCREW	1
8	7016-323716-200	MA SC FH SLOT, 3/8-16 UNC X 2	1
9	7016-410632-100	6-32 UNC X 1 MA SC RH SO	1
10	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	1
11	7044-003716-000	HEX THIN NYLON NUT 3/8-16 UNC	1
12	7046-000632-006	6-32 UNC X 1/16 WELD NUT	1
13	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	5
14	7150-019075-009	.193 X 3/4 X 3/32 FLAT WASHER	1
15	SB-ECIL-325-FS	OPTICAL SENSOR ASSY WHITE	1

322-8560-00
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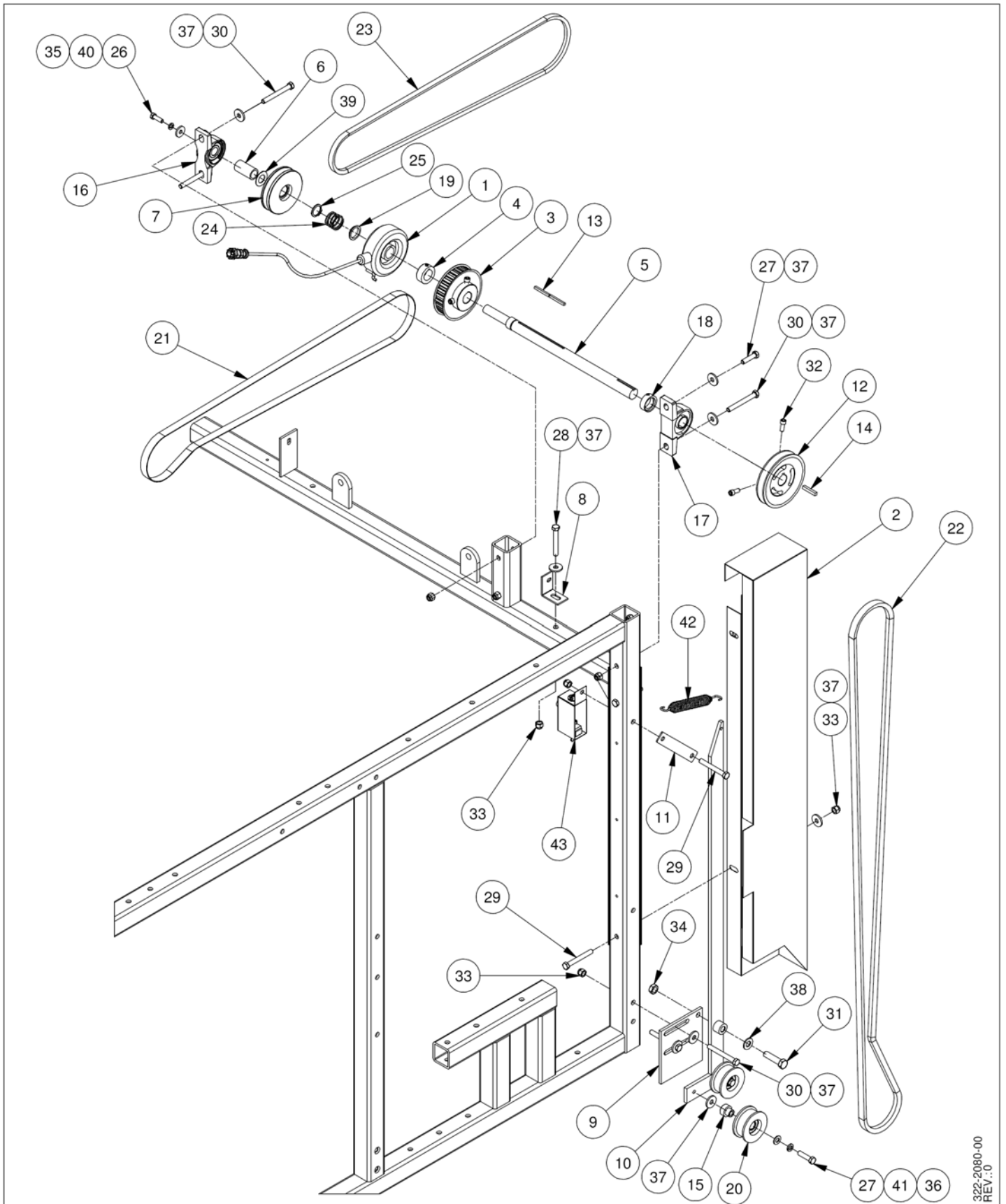
Pin Loader Actuator 322-8570-00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-8550-00	ACTUATOR BASE	1
2	302-8570-00	PIN LOADER ACTUATOR	1
3	303-5300-00	ACTUATOR BUSHING	1
4	304-8550-00	INSULATOR PAD	1
5	305-8550-00	ACTUATOR SPRING	1
6	7016-323716-200	MA SC FH SLOT, 3/8-16 UNCX2	1
7	7016-410632-100	6-32 UNCX1 MA SC RH S0	1
8	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	1
9	7046-000632-006	6-32 UNCX1/16 WELD NUT	1
10	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	4
11	SB-ECIL-325-FS	OPTICAL SENSOR ASSY WHITE	1



Pin Elevator Drive Components 322-2080-00

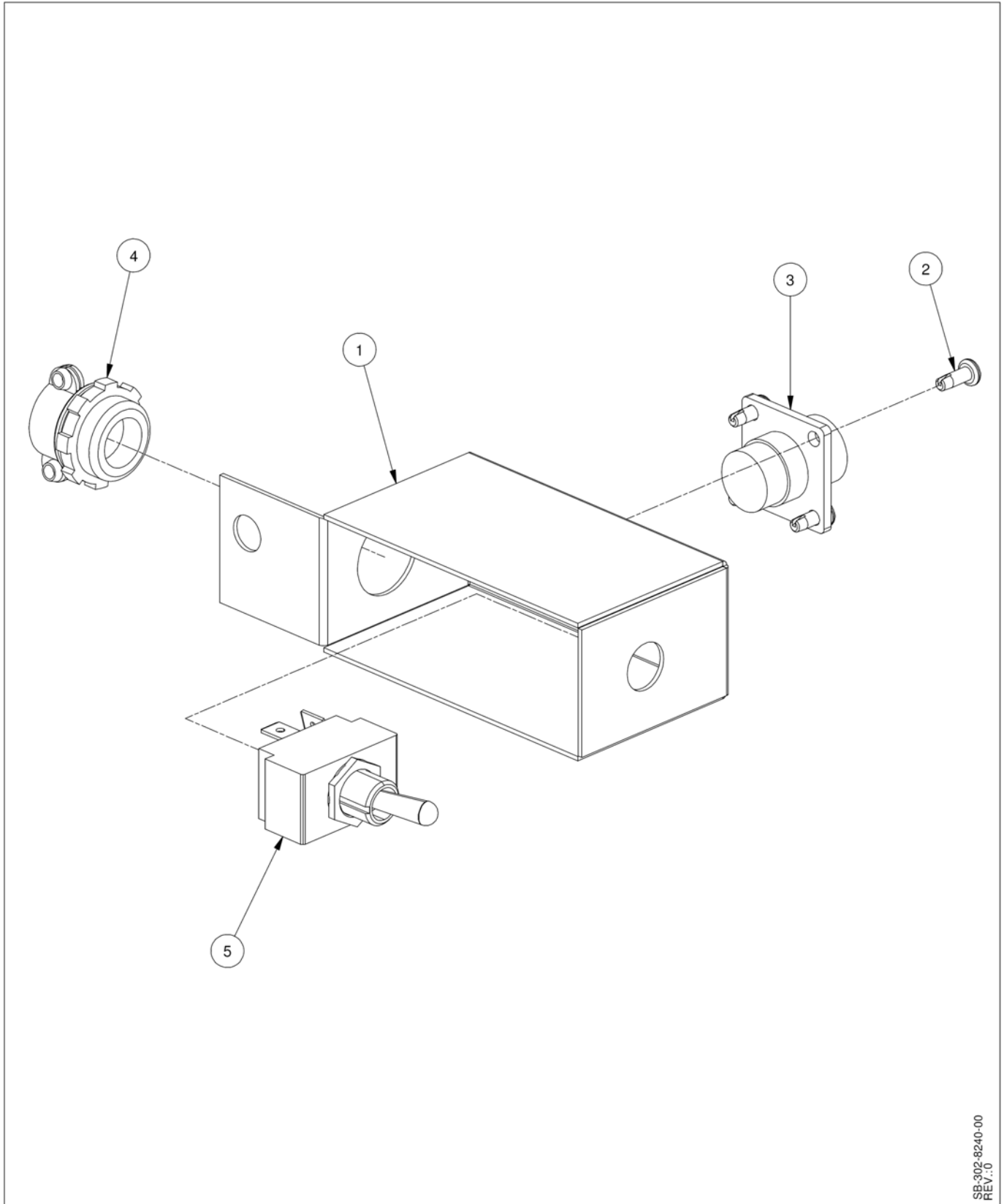
ITEM	PART NUMBER	DESCRIPTION	QTY
1	301-1400-00	MAGNETIC CLUTCH	2
2	302-0460-00	BELT GUARD	1
3	302-2020-00	TIMING GEAR	1
4	302-2030-00	SPECIAL COLLAR, 1	2
5	302-2080-00	PIN LIFT COMMAND SHAFT	1
6	302-2085-00	PULLEY SPACER	1
7	302-2090-00	DRIVE TRAIN PULLEY	1
8	302-2170-00	CLUTCH BRACKET	1
9	302-2240-00	MOUNTING PLATE	1
10	302-2250-00	BELT TENSIONER	1
11	302-2255-00	SPRING RETAINER	1
12	302-2320-00	DRIVE TRAIN PULLEY	1
13	302-2440-00	KEYWAY 3/16	3
14	302-2470-00	KEYWAY 1/4	1
15	302-4500-00	SWEEP SPROCKET BUSHING	2
16	302-6215-00	PIT PILLOW BLOCK 3/4	1
17	302-6216-00	PIT PILLOW BLOCK 1	1
18	302-6217-00	LOCKING COLLAR, 1	3
19	303-2010-00	SPRING GUIDE	2
20	303-2350-00	PULLEY	2
21	304-2020-00	DRIVE TRAIN BELT, 800H075	1
22	304-6050-00	PIT BELT, B107	1
23	304-8000-00	ELEVATOR BELT, 4L 460	1
24	305-2000-01	SPRING	2
25	7002-720000-098	EXTERNAL RETAINING RING 63/64	2
26	7010-003118-100	5/16-18 UNCX1 HEX CAP SCREW	4
27	7010-003716-150	3/8-16 UNCX1 1/2 HEX CAP SCREW	7
28	7010-003716-275	3/8-16 UNCX2 3/4 HEX CAP SCREW	1
29	7010-003716-300	3/8-16 UNCX3 HEX CAP SCREW	7
30	7010-003716-325	3/8-16 UNCX3 1/4 HEX CAP SCREW	9
31	7010-005020-200	1/2-20 UNFX2 HEX CAP SCREW	1
32	7018-003118-075	5/16-18 UNCX3/4 HEX SO CA SCW	2
33	7036-003716-000	HEX NYLON NUT 3/8-16 UNC	33
34	7042-005020-000	1/2-20 UNF HEXAGON NUT	1
35	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	5
36	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	2
37	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	41
38	7050-050106-009	17/32 X 1 1/16 X 3/32 FLAT WASHER	1
39	7052-075137-004	3/4 X 1 3/8 X 3/64 FLAT WASHER	1
40	7060-031057-009	5/16 LOCK WASHER	7
41	7060-037067-010	3/8 LOCK WASHER	2
42	S-080	EXTENSION SPRING	1
43	SB-302-8240-00	ELEVATOR SWITCH BOX	1



322-2080-00
REV.:0

Elevator Switch Box SB-302-8240-00

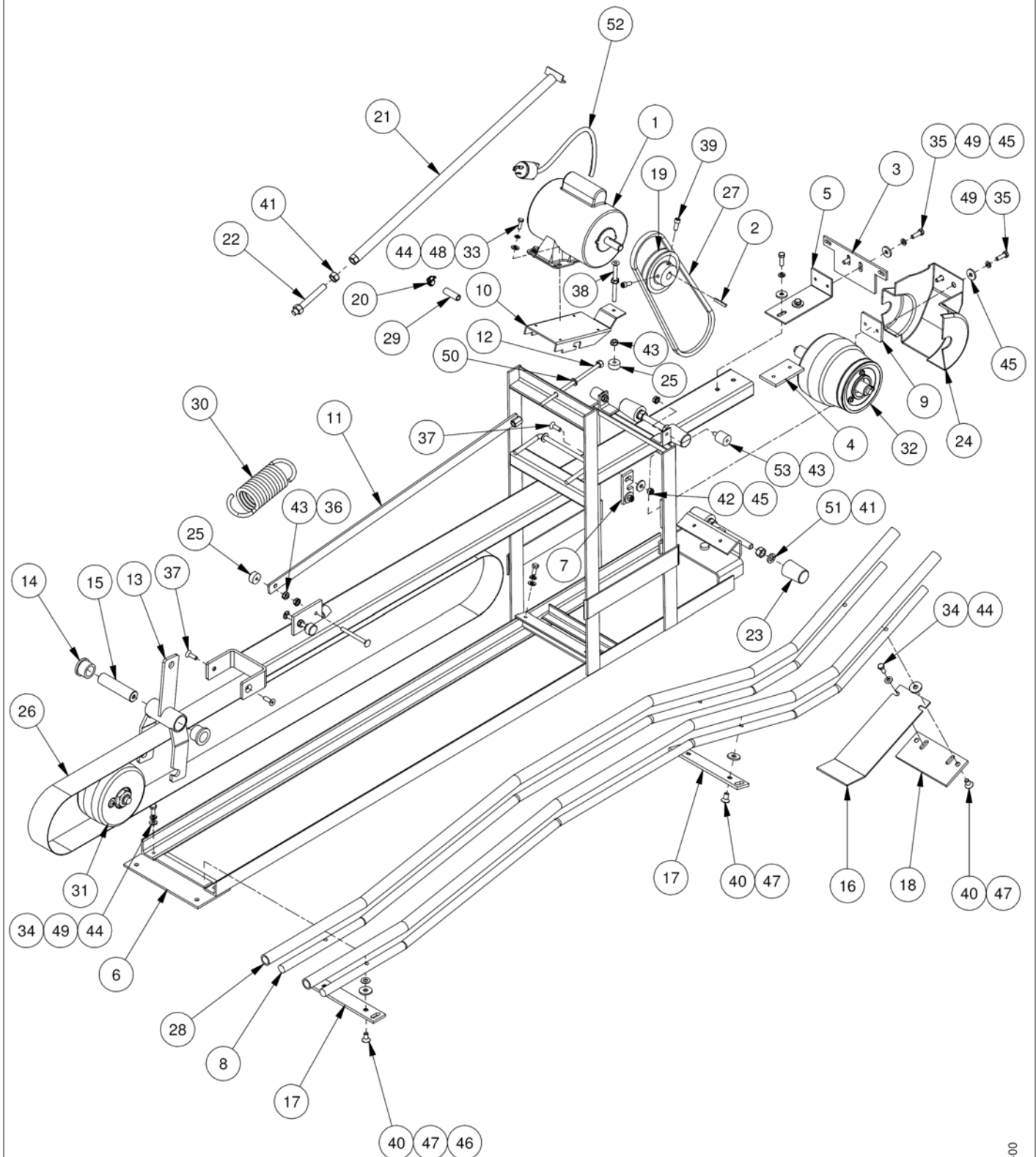
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-8240-01	SWITCH BOX	1
2	7025-610600-037	#6-32 X 3/8 THR. CUT P.H. SOCK	4
3	E-206430-1	AMP CON 4 POS F CHASSIS	1
4	E-3302M	STRAIN RELIEF	1
5	E-7565K7	SWITCH 2DP-2DT	1



Accelerator

Ball Accelerator Components 322-9000-00

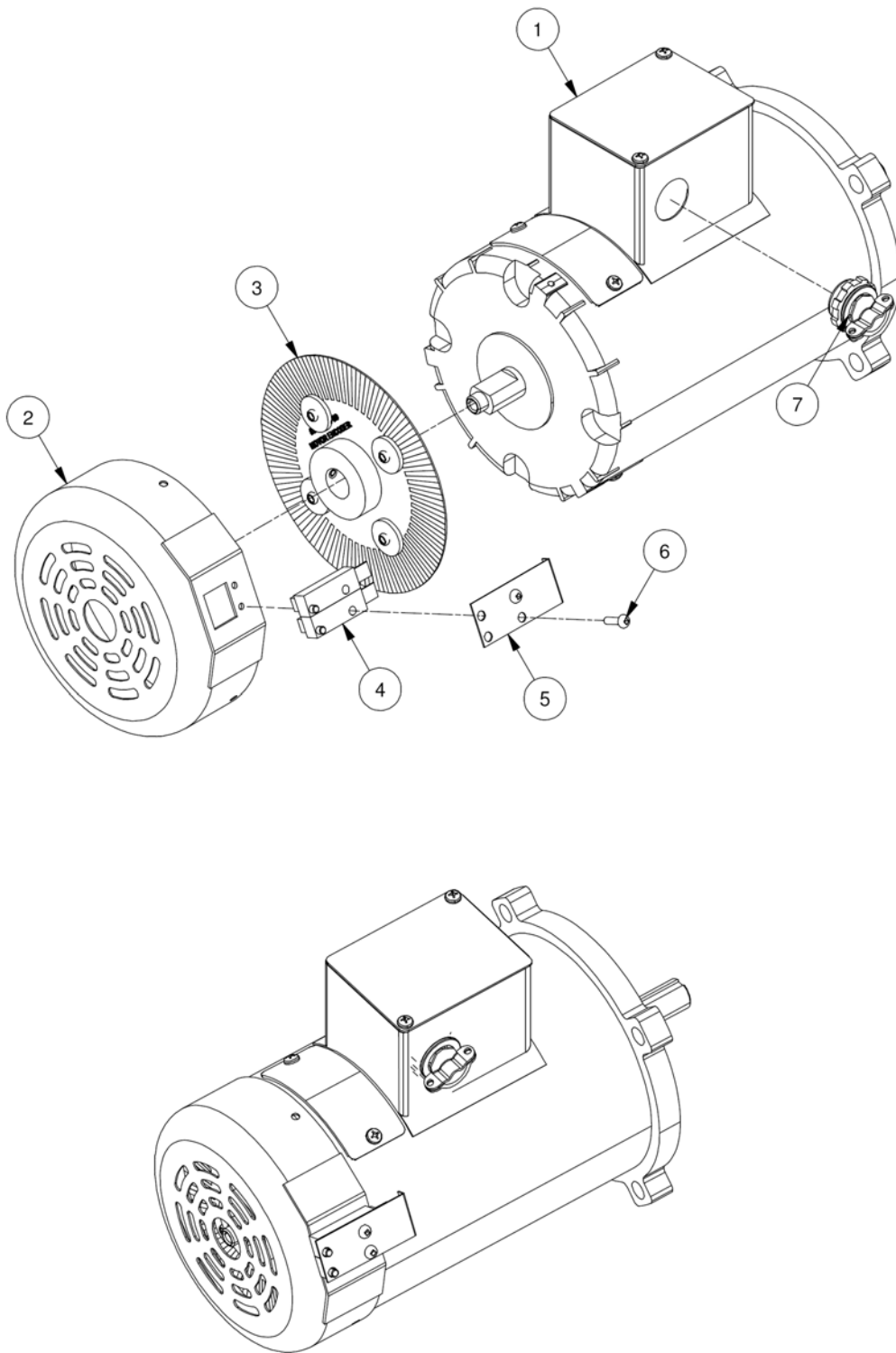
ITEM	PART NUMBER	DESCRIPTION	QTY
1	301-1300-00	ACCELERATOR MOTOR, 208/230VAC	1
2	302-2430-00	KEYWAY 3/16	1
3	302-6560-00	OPTO SUPPORT	1
4	302-6565-00	MOUNTING PLATE	1
5	302-6570-00	MOUNTING PLATE	1
6	302-9000-00	ACCELERATOR FRAME	1
7	302-9010-00	ADJUSTMENT PLATE	1
8	302-9020-00	TRACK	2
9	302-9030-01	BALL GUARD BRACKET	1
10	302-9060-00	MOTOR SUPPORT	1
11	302-9070-00	TENSION BAR	1
12	302-9075-00	SPECIAL BOLT	1
13	302-9090-00	TENSION BRACKET	1
14	302-9095-00	FLANGE BEARING	2
15	302-9100-00	ACCELERATOR SHAFT	1
16	302-9120-00	PIN HEAD GUARD	1
17	302-9180-00	ATTACHEMENT PLATE	2
18	302-9190-00	ATTACHMENT PLATE	1
19	302-9200-00	ACCELERATOR PULLEY	1
20	302-9210-00	STEEL COLLAR SIZE 8	1
21	302-9220-00	STABILIZER ARM	1
22	302-9230-00	ADJUSTMENT THREAD ROD	1
23	303-6530-00	BALL DOOR STOPPER	4
24	303-9030-00	BELT GUARD	1
25	304-1560-00	BUMPER PAD	3
26	304-9000-00	ACCELERATOR BELT	1
27	304-9010-00	ACCELERATOR MOTOR BELT	1
28	304-9020-00	TRACK TUBING	2
29	304-9210-00	COLLAR TUBING	1
30	305-9080-00	ACCELERATOR SPRING	1
31	333-9110-01	TENSION WHEEL ASSY	1
32	333-9140-01	DRIVE WHEEL ASSY	1
33	7010-002520-075	1/4-20 UNC X 3/4 HEX CAP SCREW	4
34	7010-003118-075	5/16-18 UNC X 3/4 HEX CAP SCREW	6
35	7010-003118-100	5/16-18 UNC X 1 HEX CAP SCREW	6
36	7012-003118-300	5/16-18 UNC X 3 CARRIAGE BOLT	2
37	7016-313118-100	5/16-18 UNC X 1 FH MA SC	4
38	7016-313118-400	5/16-18 UNC X 4 FH MA SC	1
39	7018-003118-075	5/16-18 UNC X 3/4 HEX SO CA SCW	2
40	7018-303716-075	FHMS 3 8-16 UNC X 0.75	6
41	7034-005013-000	1/2-13 UNC HEXAGON NUT	5
42	7036-003118-000	HEX NYLON NUT 5/16-18 UNC	2
43	7038-003118-000	5/16-18 UNC HEX KEEP NUT	8
44	7050-034068-006	11/32 X 1 1/16 X 1/16 FLAT WASHER	10
45	7050-034100-012	11/32 X 1 X 1/8 FLAT WASHER	8
46	7050-040081-006	13/32 X 13/16 X 1/16 FLAT WASHER	2
47	7050-040112-012	13/32 X 1 1/8 X 1/8 FLAT WASHER	6
48	7060-025046-006	1/4 LOCK WASHER	4
49	7060-031057-009	5/16 LOCK WASHER	10
50	7060-037067-010	3/8 LOCK WASHER	1
51	7060-050087-012	1/2 LOCK WASHER	4
52	EC-090-250	MOTOR POWER SUPPLY CABLE	1
53	R-014	BUMPER PAD	2



DC Motor Assemblies

Drawer Motor Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY
1	301-1000-00	ELECTRIC MOTOR, 180VDC 1/2HP	1
5	302-2200-00	CONNECTION RETAINER	1
2	302-2210-00	ENCODER, DC MOTOR COVER	1
3	322-2220-00	MOTOR ENCODER PLATE ASSY	1
6	7016-410632-050	6-32 UNCX1/2 MA SC RH SO	2
4	E-GP1A05	ENCODER OPTICAL SENSOR	2
7	E-THS3350	STRAIN RELIEF	1

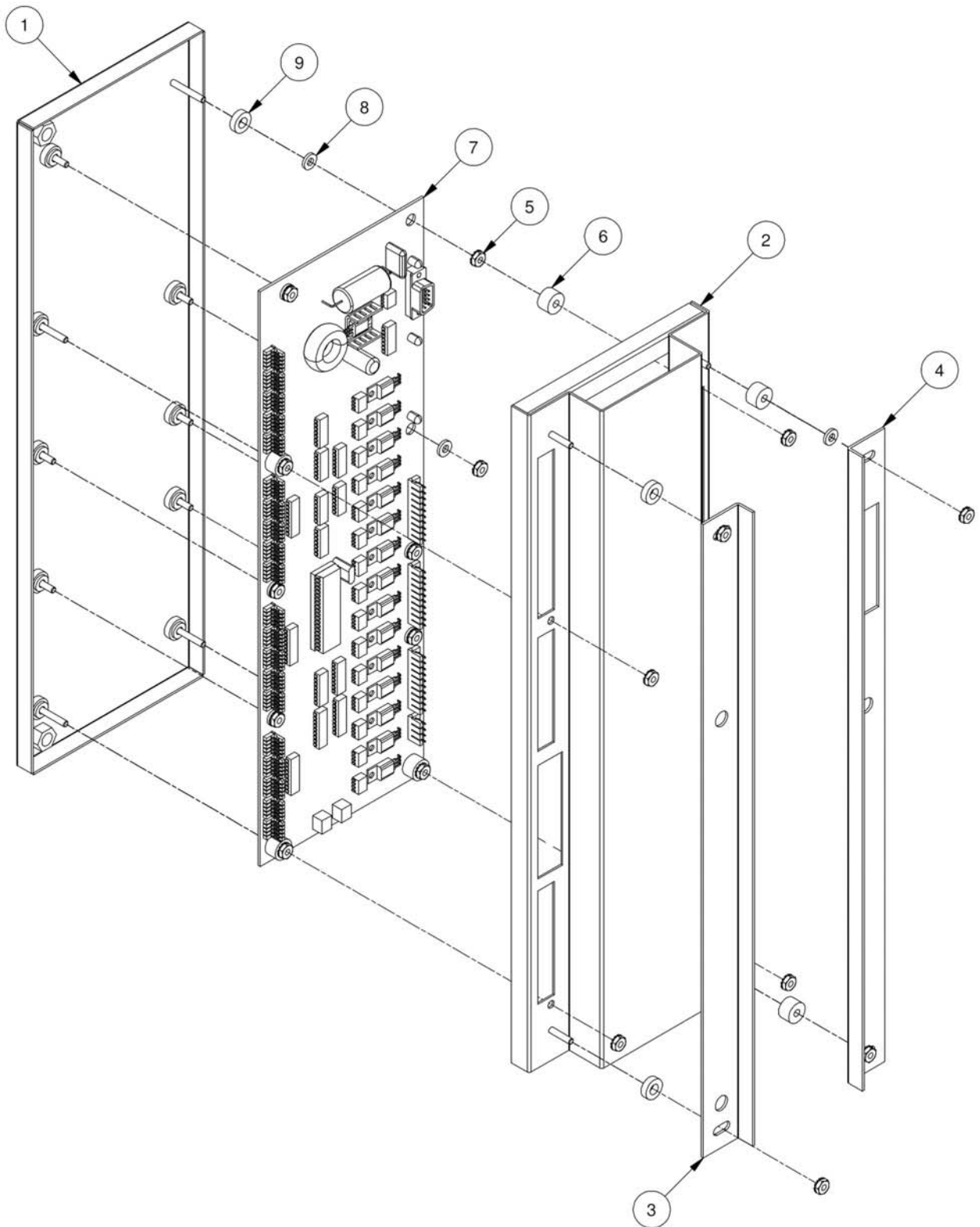


311-1000-00
REV:0

Electronics

Carrousel Controller SB-302-7100-00

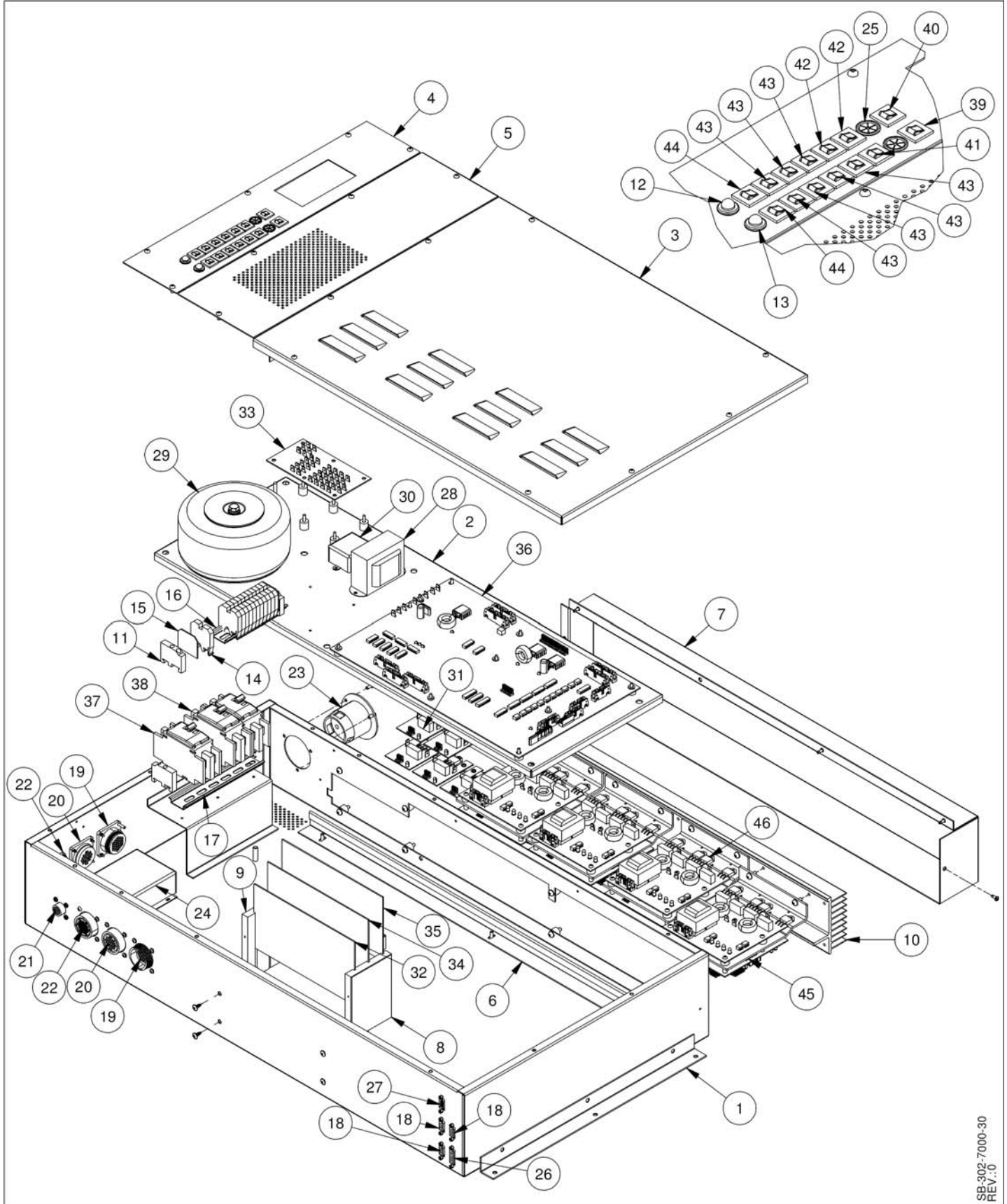
ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-7100-00	CAROUSEL CONTROLER BASE	1
2	302-7110-00	PCB COVER	1
3	302-7130-00	COVER PLUG #2	1
4	302-7140-00	COVER PLUG #1	1
5	7038-000632-000	6-32 UNC HEX KEEP NUT	18
6	E-219	NYLON SPACER (11/64X1/2X5/16)	6
7	E-MD92-81	CARROUSEL PCB	1
8	E-W3751	NYLON SPACER (3/16X3/8X1/16)	18
9	E-W5007	NYLON SPACER (1/4X1/2X5/32)	12



SB-302-7100-00
REV.:0

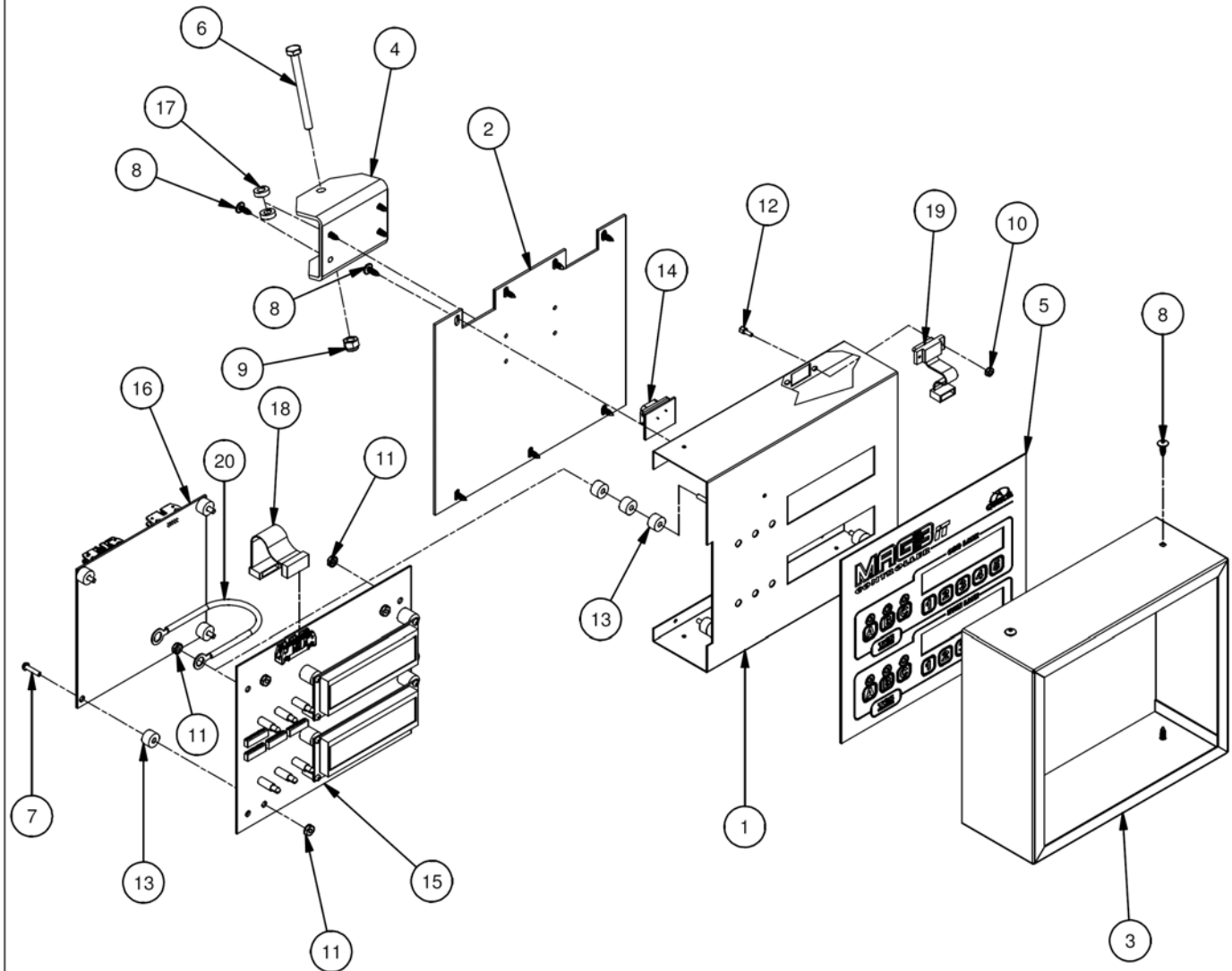
Electronic Power Box SB-302-7000-30

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-7000-01	ELECTRONIC POWER BOX CHASSIS	1
2	302-7010-00	MOUNTING PLATE	1
3	302-7020-01	VENTILATION COVER	1
4	302-7030-01	CIRCUIT BREAKER COVER	1
5	302-7040-01	ELECTRONIC POWER BOX COVER	1
6	302-7050-00	CABLE GUIDE	1
7	302-7060-00	POWER BOX GRILL COVER	1
8	303-7000-00	PCB GUIDE - RIGHT	1
9	303-7005-00	PCB GUIDE - LEFT	1
10	308-7000-01	ELECTRONIC POWER BOX GRILL	1
11	E-103002-26	TERMINAL STRIP STOPPER	4
12	E-1052C5-115	115VAC GREEN PILOT LAMP	1
13	E-1090C1-28	24VAC RED PILOT LAMP	1
14	E-115116	ELECTRIC TERMINAL,SMALL	12
15	E-118368	ELECTRIC TERMINAL SEPARATOR	2
16	E-164800-5	RAIL 0.5	1
17	E-164800-6.5	RAIL 6.5	1
18	E-205203-1	DSUB 9 PIN, 2 ROW, FEMALE	3
19	E-206151-1	RECEPTACLE CPC M 37 CON	2
20	E-206306-1	RECEPTACLE CPC F 37 CON	2
21	E-206430-1	AMP CON 4 POS F CHASSIS	1
22	E-211773-1	AMP CONN F CPC 19P.	2
23	E-2625	CONN. MALE 30A 230V CHASSI	1
24	E-30VBGS5	FILTER EMI 30A	1
25	E-315-751	SNAP-IN BUSHING	2
26	E-747303-3	DSUB 15 PIN, 2 ROW, FEMALE	1
27	E-747306-4	DSUB 9 PIN, 2 ROW, MALE	1
28	E-B1091	16VAC TRANSFORMER	1
29	E-D0275F	TRANSFO TOROIDAL 208/220V	1
30	E-F2716	3 AMP EMI CORCOM FILTER	1
31	E-MD92-01	AC DRIVE PCB	5
32	E-MD92-14	INPUT PCB	1
33	E-MD92-21	TERMINAL PCB	1
34	E-MD92-24	24-VOLT OUTPUT PCB	1
35	E-MD92-90	90-VOLT OUTPUT PCB	1
36	E-MD92-92	CENTRAL PROCESSING UNIT PCB	1
37	E-QUO210	BREAKER 10A SQUARE D 2 POLES	1
38	E-QUO215	BREAKER 15A SQUARE D 2 POLES	2
39	E-W28XQ1A-1	1AMP CIRCUIT OVERLOAD	1
40	E-W28XQ1A-3	3AMP CIRCUIT OVERLOAD	1
41	E-W28XQ1A-4	4AMP CIRCUIT OVERLOAD	1
42	E-W28XQ1A-5	5AMP CIRCUIT OVERLOAD	2
43	E-W28XQ1A-7	7AMP CIRCUIT OVERLOAD	7
44	E-W28XQ1A-10	10 AMP CIRCUIT OVERLOAD	2
45	SB-308-7100-10	DECK DC DRIVE ASSY.	2
46	SB-308-7110-10	DRAWER DC DRIVE ASSY.	2



Magnet Control box SB-302-7200-10

ITEM	PART NUMBER	DESCRIPTION	QTY
1	302-7200-00	MAGNET CONTROLLER BOX	1
2	302-7210-00	MAGNET CONTROL REAR COVER	1
3	302-7220-00	MAGNET CONTROLLER COVER	1
4	302-7230-00	MOUNTING BRACKET	1
5	303-7200-10	MAG-3 CONTROLLER MEMBRANE	1
6	7010-002520-275	1/4-20 UNC X 2 3/4 HEX CAP SCREW	1
7	7016-410632-062	6-32 UNC X 5/8 MA SC RH SO	4
8	7024-710800-050	#8 X 1/2 TAP SCW PH SOCK	15
9	7036-002520-000	HEX NYLON NUT 1/4-20 UNC	1
10	7038-000440-000	4-40 UNC HEX KEEP NUT	2
11	7038-000632-000	6-32 UNC HEX KEEP NUT	8
12	E-205817-1	.312 FEMALE SCREWLOCKS	2
13	E-219	NYLON SPACER (11/64X1/2X5/16)	16
14	E-MD03-02	CONNECTION BOARD	1
15	E-MD92-79	MAGNET 2001 CONTROLLER DISPLAY PCB	1
16	E-MD92-80	MAGNET 2001 CONTROLLER PCB	1
17	E-W5007	NYLON SPACER (1/4X1/2X5/32)	2
18	EC-2001-68	DISPLAY CABLE ASSEMBLY	1
19	EC-2001-69	COMMUNICATION CABLE ASSEMBLY	1
20	EC-2001-71	MONITOR GROUND CABLE ASSEMBLY	1



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