

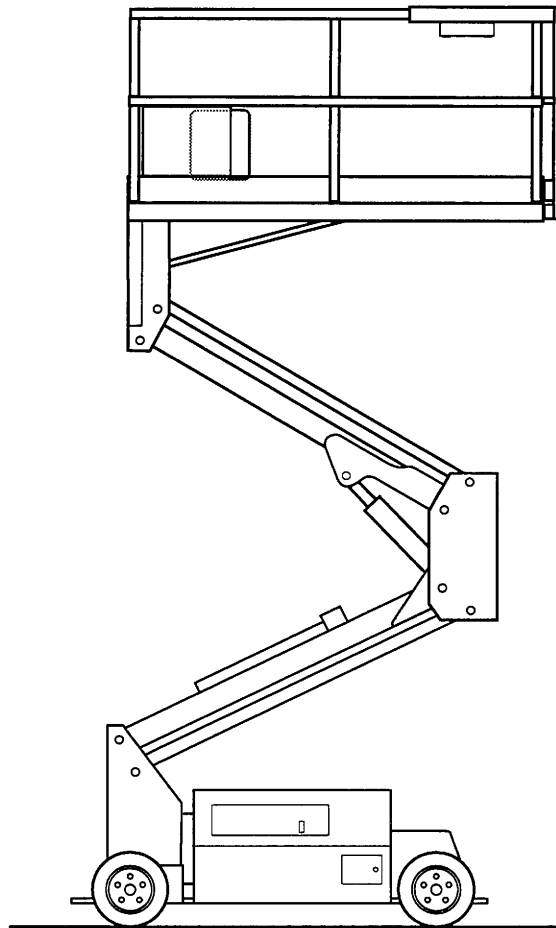
FALCON 2034 VERTICAL LIFT

S/N EDA (or EDB) 00101 and up

 **TEREX AERIALS**
Milwaukee, Wisconsin

ILLUSTRATED PARTS CATALOG

FOR MACHINE
SERIAL NUMBER



Art # A00.00710E

Part No. 89-750015 • Rev. "0.5", dated June 1996 •

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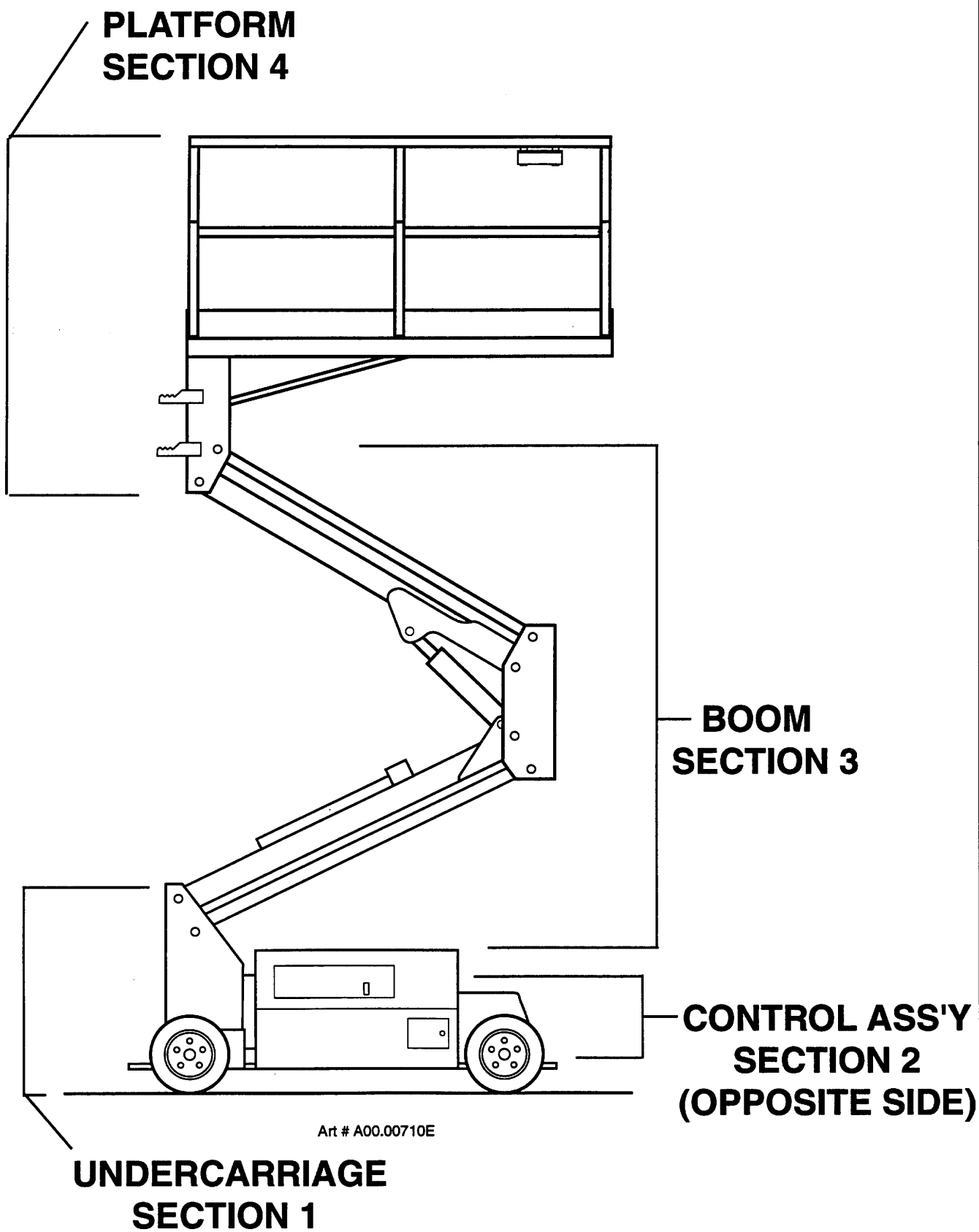
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DESCRIPTION

PRIMARY MACHINE COMPONENT GROUPS

PART NO.

INTRODUCTION

This Illustrated Parts Catalog is designed to help you identify and order the correct replacement parts for use on SIMON FALCON 2034 VERTICAL LIFT PLATFORMS with LINK BOOM . . . SERIAL NUMBER EDA (or EDB) 00101 AND ABOVE. All parts represented here are manufactured and supplied in accordance with Simon Aerials quality standards. We recommend that you use GENUINE SIMON AERIALS PARTS to insure maximum SAFETY and PERFORMANCE.

Prices for all parts listed in this Catalog can be found in a separate Spare Parts Price List. Please contact Simon Aerials Parts Department for the latest edition of the Spare Parts Price List.

HOW TO USE THIS CATALOG

The Cover Page indicates the specific model or models covered by this Parts Catalog.

The "Table of Contents" pages list the specific sections, pages and page titles that are relevant to this model, and contained in this Catalog. Only those pages that refer specifically to the FALCON 2034 are included in this Catalog.

The "Primary Machine Component Groups" page illustrates the three major assemblies, along with their "Section" number.

The Parts Catalog is divided into "Sections", numbered from 1 through 99. Each section contains the individual parts that make up a major component, assembly or item. The first three sections (1, 3 and 4) contain the major assemblies, or "Primary Machine Component Groups". Sections that follow contain sub-assemblies or components of these "major" assemblies.

If a part number is followed by a plate number in the "SEE SECTION" column, refer to the plate indicated for a further breakdown of components for that part number. Items with indented descriptions are components of the non-indented item directly above.

When selecting parts for a specific machine, be sure to verify the machine model number, and serial number or date code (found on the data plate). When ordering parts, always give:

1. Model and Serial Number
2. Item Part Number and Description
3. Order Quantity

If a part number is not listed for a selected item, please provide this additional information:

4. Parts Plate number, Item Number and Description of the desired item, OR
5. Part Number of the next assembly (Parent Part), if the desired item is not listed.

Some assembled items, such as hydraulic cylinders, may have been supplied by more than one source. While the assemblies may be able to be used interchangeably, FOR SAFETY'S SAKE, do not mix components or repair kits. Please confirm the make of the assembly on the unit before ordering or installing replacement parts.

Left and right-hand, front and rear should be determined as though you are standing on the Platform, with the steering wheels to the front. All dimensions are in inches unless otherwise specified.

SIMON AERIALS INC. reserves the right to change, improve, modify or expand features of its equipment. Therefore, specifications, models or equipment are subject to change without notice, and without incurring obligation to change, improve, modify or expand features of previously delivered units.

All SIMON AERIALS INC. manuals are periodically updated to reflect changes that occur in the equipment. Please contact Simon Aerials Technical Support Department with any questions you may have regarding your particular machine, or the availability of more recent manuals.

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	2311120		UNDERCARRIAGE WELDMENT	1
	2315350		U.S.; Europe (except Germany)	1
			German standards (with foot guard across rear)	1
2	08-074800		BUSHING (1/2" I.D., 11/16" O.D., 5/8" long)	1
3	3532820		SPINDLE ASSEMBLY (right)	1
	3532830		SPINDLE ASSEMBLY (left)	1
4	2304540		SPINDLE WELDMENT (right)	1
			SPINDLE WELDMENT (left)	1
	2304530		earlier version, without bushing for steer cylinder	1
	2314250		later version, with bushing for steer cylinder	1
5	08-074800		BUSHING (1/2" I.D., 11/16" O.D., 5/8" long)	1
6	08-066400		BUSHING (1" I.D., 1-1/4" O.D., 1" long)	2
7	08-050000		FITTING, GREASE (1/8", straight)	1
8	08-066300		CAP, GREASE FITTING (White plastic)	1
9	02-019800		HUB ASSEMBLY, FRONT	2
10			CUP, BEARING (inner)	1
11			CUP, BEARING (outer)	1
12	02-019805		STUD, WHEEL MOUNTING	5
13	02-019802		SEAL	1
14	02-019804		CONE AND ROLLER, BEARING (inner)	1
15	02-019803		CONE AND ROLLER, BEARING (outer)	1
16	02-019801		CAP, HUB	1
17	02-019503		WASHER, FLAT	2
18	02-019501		NUT (3/4"-16)	2
19	02-019502		PIN, COTTER	2
20	2161030		PIN, SPINDLE (1" x 8-11/16")	2
21	08-060500		BEARING, THRUST (Oilite, 1" I.D., 2" O.D.)	2
22	07-060024		WASHER, FLAT (1" SAE)	A.R.
23	08-040600		RING, RETAINING (1")	4
24	2161040		PIN, LOCK ("L" type, earlier version)	2
25	2314170		PIN, LOCK ("Eye" type, later version)	2
26	07-003045		CAP SCREW, HEX HEAD (3/8"-16 x 1") (for "Eye" type pin)	2
27	07-065016		WASHER, HELICAL LOCK (3/8") (for "Eye" type pin)	2
28	2304430		ROD, TIE	1
29	2304440		BUSHING, TIE ROD (1/2" I.D., 3/4" O.D., 3/4" long)	2
30	07-096500		CAP SCREW, FLAT HEAD SOCKET (1/2"-13 x 2")	2
31	07-058400		NUT, LOCK (1/2"-13, Grade 8)	2
32	07-062018		WASHER, FLAT (1/2")	2
33	04-034300	11.52	CYLINDER, STEER	1
34	06-000600		CONNECTOR, MALE (4-6 FTX-S)	2

TITLE

UNDERCARRIAGE, FALCON 2034 (PLATE 1 OF 4)

PLATE NO.

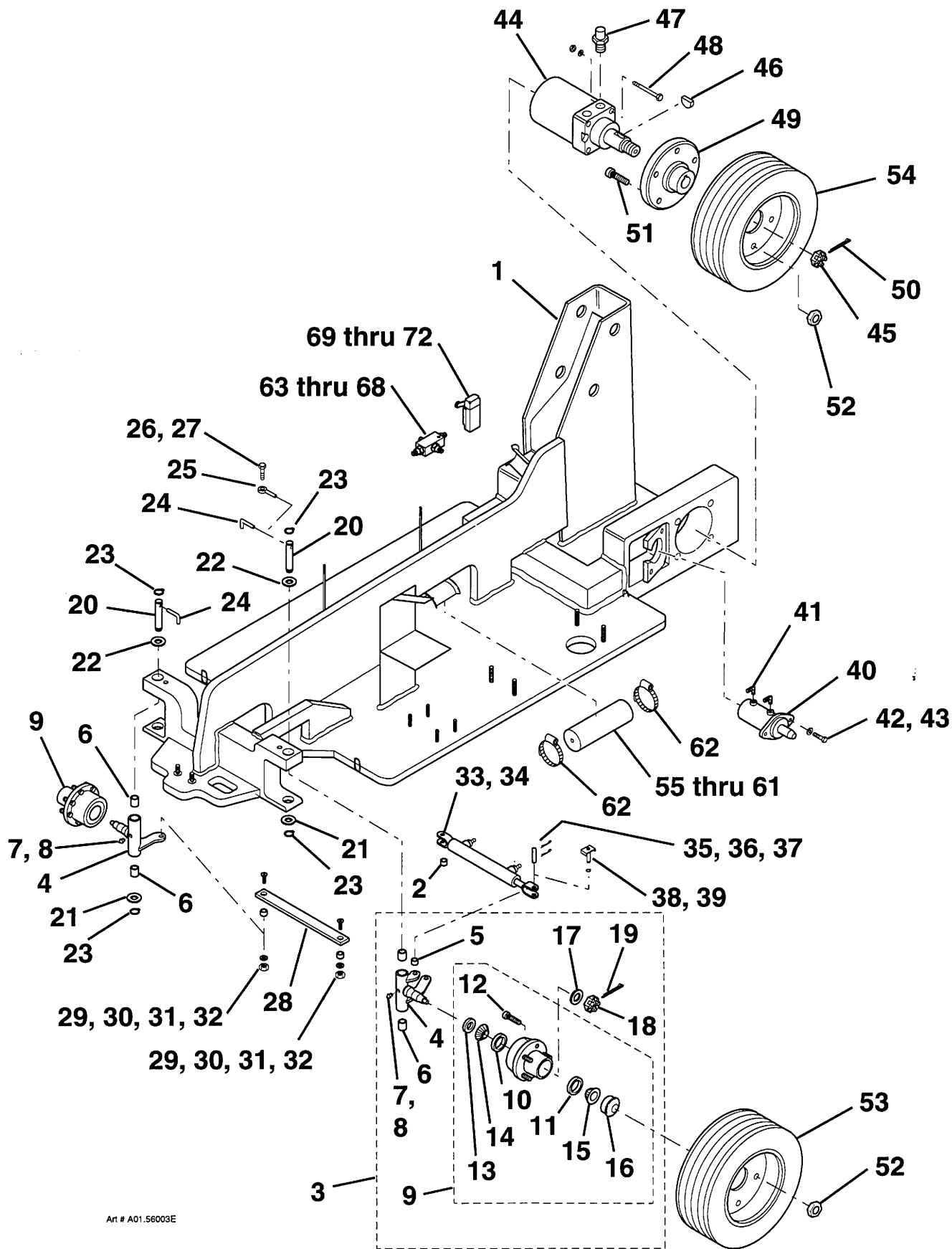
01.56

SIMON AERIALS INC.

NEW 25 JUN., 1993

PART NO.

3532930



Art # A01.56003E

TITLE

UNDERCARRIAGE, FALCON 2034 (PLATE 1 OF 4)

SIMON AERIALS INC.

NEW 25 JUN., 1993

PART
NO.

3532930

PLATE
NO.

01.56

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
35	2308990		PIN, STEER CYLINDER (Straight type, earlier version)	2
36	07-070506		PIN, COTTER (1/8" x 1-1/4") (for straight pin)	3
37	07-098000		PIN, COTTER (hairpin) (1/8" x 1-1/4") (for lower left side)	1
38	2314140		PIN, STEER CYLINDER (Self aligning type, later version)	2
39	08-045300		RING, RETAINING (1/2") (for self aligning pin)	4
40	04-037600	11.63	CYLINDER, BRAKE	1
41	06-003500		90° ELBOW, MALE 37° TO NPT (4-4 CTX-S)	2
42	07-003045		CAP SCREW, HEX HEAD (3/8"-16 x 1", Grade 5)	2
43	07-060016		WASHER, FLAT (3/8" SAE)	2
44	01-097300	26.55	MOTOR, DRIVE	2
45			NUT (comes with motor)	2
46			KEY, WOODRUFF (5/16") (comes with motor)	1
47	06-040000		CONNECTOR, STRAIGHT THREAD (6-10 F50X)	4
48	07-003091		SCREW, HEX HEAD (1/2"-13 x 2-1/2", Grade 5)	8
49	2311240		HUB, REAR WHEEL	2
50	07-070507		PIN, COTTER (1/8" x 1-3/4")	2
51	07-091300		STUD, REAR WHEEL MOUNTING	10
52	07-090134		NUT, LUG (1/2"-20)	20
53			WHEEL AND TIRE ASSEMBLY (for 3 wheels without brake)	
	02-031200		Black ribbed solid tire	3
	02-031000		White ribbed non-marking solid tire	3
54			WHEEL AND TIRE ASSEMBLY (for left rear, with brake)	
	2309410		Black ribbed solid tire	1
	2308640		White ribbed non-marking solid tire	1
55	04-033800		CYLINDER, CUSHION	1
56	04-033801		SEAL KIT, CUSHION CYLINDER	1
57	04-033802		SPRING	2
58	04-033803		PISTON	1
59	04-033804		GLAND, END	2
60	06-050000		BRANCH TEE, STRAIGHT THREAD (6 S50X-S)	2
61	06-056000		BRANCH TEE, SWIVEL NUT (6 S6X-S)	2
62	09-005700		CLAMP, WORM (1-1/8" to 3")	2
63	3533560		VALVE ASSEMBLY, CHECK	1
64	2310710		BODY, CHECK VALVE	1
65	01-013801		BALL	1
66	2312620		ADAPTER, "O"-RING TO 37° (modified #6-8 F50X-S)	1
67	06-039800		CONNECTOR (6 F50X-S)	3
68	07-023019		SET SCREW, SOCKET HEAD (1/4"-20 x 3/8", Grade 5)	1
69	03-493700		SWITCH, LIMIT (Side rotary)	1
70	03-494300		ARM, LIMIT SWITCH (Fixed roller)	1
71	03-045500		GRIP, CORD (1/2")	1
72	07-008354		CAP SCREW, SOCKET HEAD (#10-24 x 1-1/4", Grade 8)	2

TITLE

UNDERCARRIAGE, FALCON 2034 (PLATE 2 OF 4)

PLATE NO.

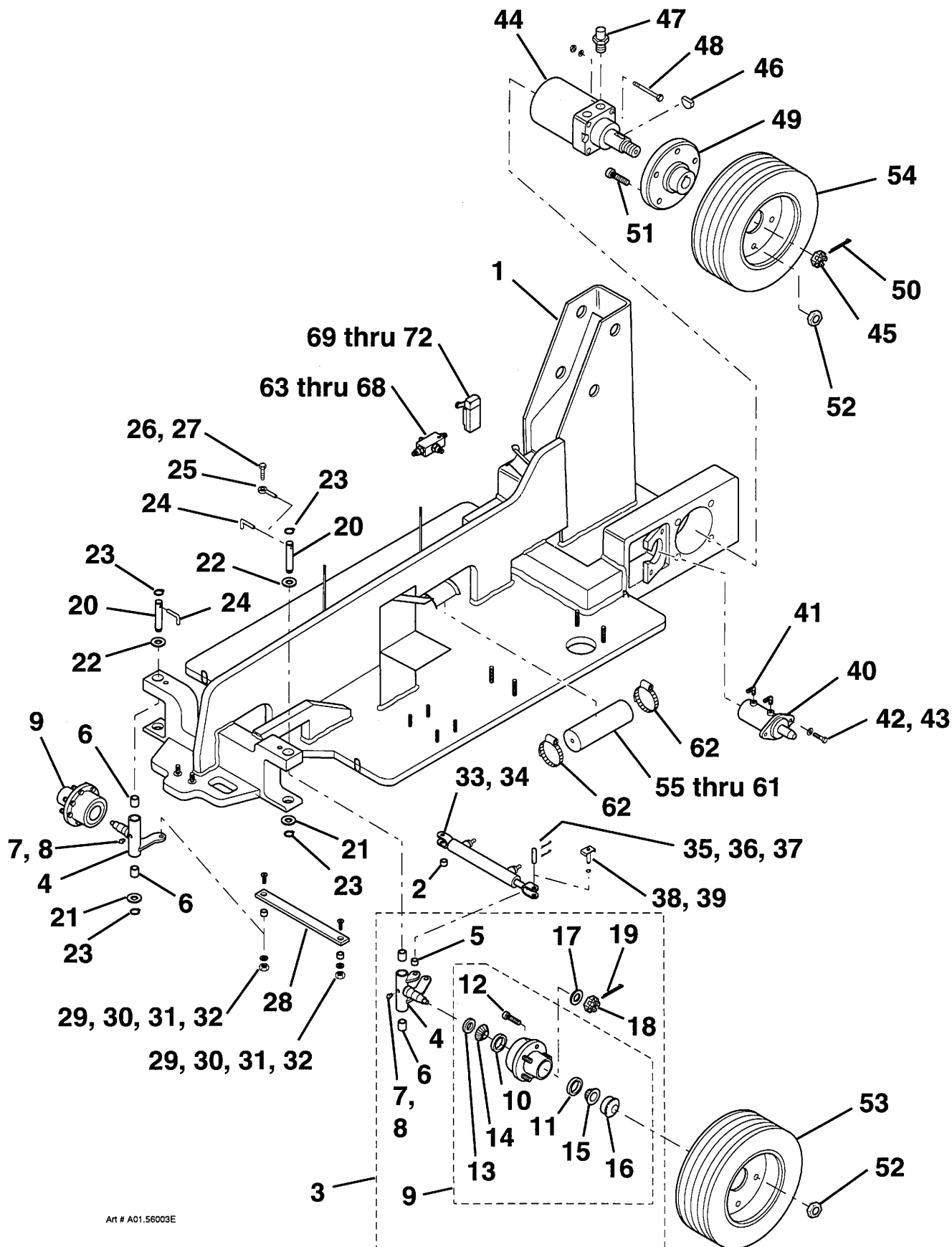
01.56

SIMON AERIALS INC.

NEW 25 JUN., 1993

PART NO.

3532930



Art # A01.56003E

TITLE

UNDERCARRIAGE, FALCON 2034 (PLATE 2 OF 4)

SIMON AERIALS INC.

NEW 25 JUN., 1993

PART
NO.

3532930

PLATE
NO.

01.56

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
73	See plate . .	02.51	GROUND CONTROL COMPONENTS (Parts breakdown)	1
74	See plate . .	24.56	TANK WELDMENT, HYDRAULIC	1
75	01-081501		ELEMENT, FILTER	1
76	See plate . .	23.54	MANIFOLD, VALVE	1
77	01-221000		POWER UNIT, TANDEM PUMP	1
78	See plate . .	07. --	GROUND ELECTRICAL CONTROL ASSEMBLY	1
79	07-098300		BOLT, CARRIAGE (1/2"-13 x 2-1/2", Grade 5)	3
80	07-062018		WASHER, FLAT (1/2")	3
81	07-058400		NUT, LOCK (1/2"-13, Grade 8)	3
82			TRAY, BATTERY (Polyethylene, with two spacers)	
	2309430		for four batteries, 10-1/2" x 7" (all except Germany)	1
	2314130		for four batteries, 190 x 240 mm (9-5/8" x 7-1/2") (Germany)	1
83	10-031000		SAF-STEP [Black, 4" (102 mm) wide]	
			[Bulk item, order as needed. 6 Ft (1.8 M) used here]	A.R.
84			BATTERY (6 Volt DC)	
	03-505800		217 Amp hour, Deep cycle (all except Germany)	4
	---		Locally supplied (Germany only)	4
85	2309420		HOLD DOWN, BATTERY	2
86	10-005600		WASHER, FENDER (3/8")	2
87	07-056016		NUT, WING (3/8"-16)	2
88			CABLE, BATTERY (Black)	
	03-074000		Battery negative to battery positive [9-3/4" (25 cm) long]	3
	03-506800		Battery negative to connector [37" (.94 M) long]	1
	03-507000		Motor negative to connector [45" (1.1 M) long]	1
89			CABLE, BATTERY (Red)	
	03-506700		Battery positive to connector [46" (1.2 M) long]	1
	03-506900		Motor relay to connector [55" (1.4 M) long]	1
90	03-406800		CONNECTOR, BATTERY CABLE	2
91			CHARGER, BATTERY	
	03-474700		25 Amp, 115 VAC, 60 Hz input, 24 VDC output (U.S.)	1
	03-478300		40 Amp, 115 VAC, 60 Hz input, 24 VDC output (U.S.)	1
	03-480800		40 Amp, 230 VAC, 50 Hz input, 24 VDC output	
			(for all European applications except Germany)	1
	---		Locally supplied (Germany only)	1
92	2308610		PAD, MID POST REST	1
93	2224300		PAD, BOOM REST	1
94	07-044014		NUT, ACORN (1/4"-20, Stainless steel)	4
95	07-062014		WASHER, FLAT (1/4")	4

TITLE UNDERCARRIAGE, FALCON 2034 (PLATE 3 OF 4)

PLATE NO.

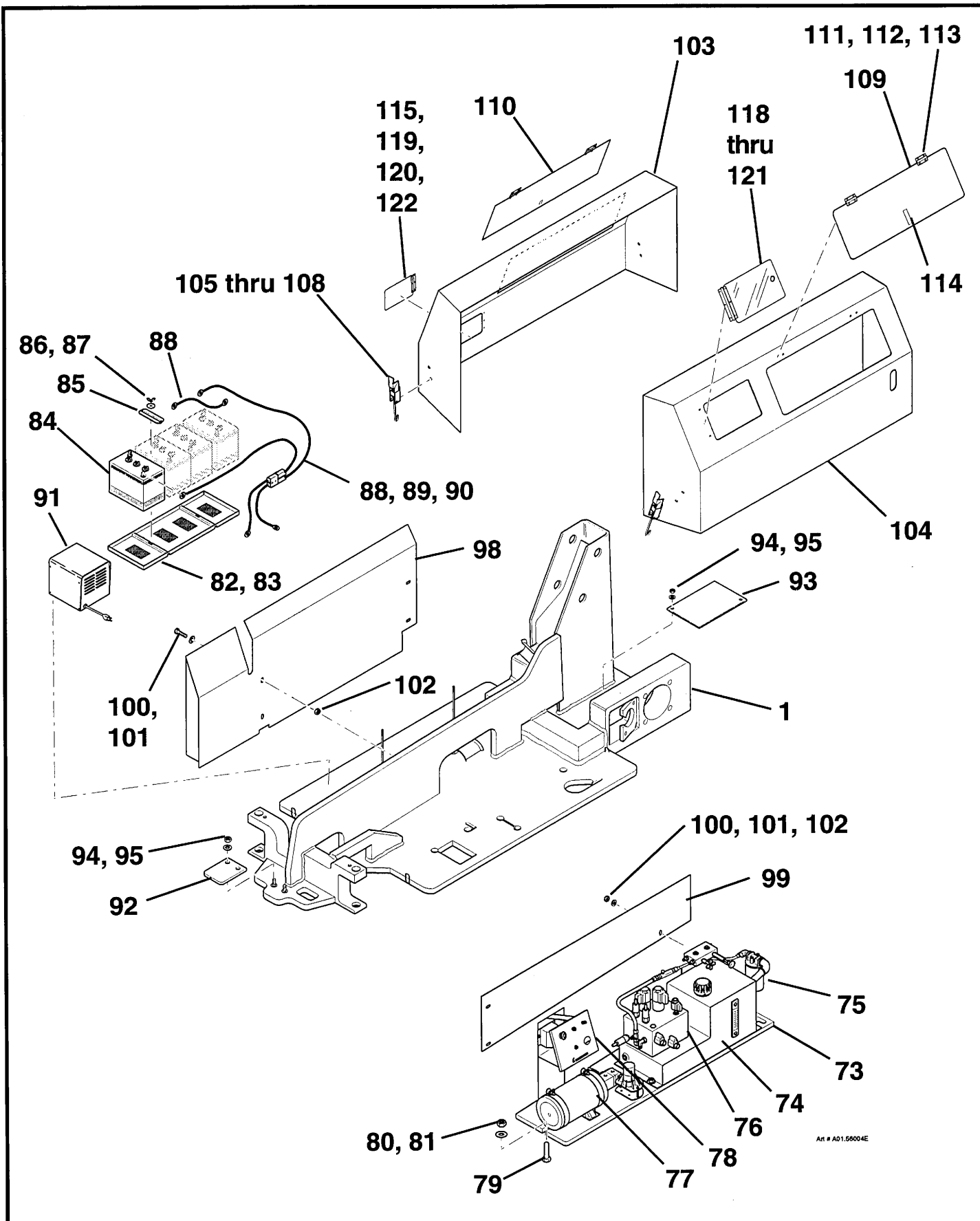
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SIMON AERIALS INC.

NEW 25 JUN., 1993

PART NO.

3532930



TITLE

UNDERCARRIAGE, FALCON 2034 (PLATE 3 OF 4)

SIMON AERIALS INC.

NEW 25 JUN., 1993

PART
NO.

3532930

PLATE
NO.

01.56

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
96	2224630		PANEL, CONTROL ASSEMBLY REAR (shown)	1
97	07-050016		NUT, LOCK (3/8"-16, Grade 5)	1
98	07-062016		WASHER, FLAT (3/8")	1
99	2310060		PLATE, BACK (Left . . . Pump side) (option) (Not shown. Full cover, similar to battery side plate.)	1
100	2310100		PLATE, BACK (Right . . . Battery side) (option)	1
101	07-003027		CAP SCREW, HEX HEAD (5/16"-18 x 1-1/2", Grade 5)	A.R.
102	07-062015		WASHER, FLAT (5/16")	A.R.
103	07-050015		NUT, LOCK (5/16"-18, Grade 5)	A.R.
104			COVER (Right . . . Battery side)	
	2314530		for models with access opening for battery charger	1
	2315460		for models with locally supplied battery charger (Germany)	1
	2309260		for models with optional access door for battery charger	1
105			COVER (Left . . . Pump side)	
	2314550		for models with access opening for control panel	1
	2309300		for models with optional clear door over control panel	1
106	10-158200		LATCH, DRAW (adjustable, with keeper)	4
107	07-011343		MACHINE SCREW, PAN HEAD (#8-32 x 1/2", Grade 2)	8
108	07-050009		NUT, LOCK (#8-32, Grade 5)	8
109	2310440		HOOK, COVER LATCH	4
110	2310320		DOOR, VALVE AND HYDRAULIC TANK ACCESS	1
111	2310330		DOOR, BATTERY ACCESS	1
112	10-158400		HINGE, EXTERNAL (Black finish, adjustable tension)	4
113	07-003001		CAP SCREW, HEX HEAD (1/4"-20 x 1/2", Grade 5)	16
114	07-044014		NUT, ACORN (1/4"-20, stainless steel)	16
115	10-158300		LEVER, LATCH ADJUSTING (Black finish)	2
116	2310460		DOOR, CHARGER ACCESS (includes hinge) (option)	1
117	2311390		DOOR, CONTROL PANEL ACCESS (clear Lexan) (option)	1
118	2311400		HINGE, PIANO (stainless steel) (modified)	1
119	07-012344		MACHINE SCREW, FLAT HEAD (#10-24 x 3/8")	3
120	07-011352		MACHINE SCREW, ROUND HEAD (#10-24 x 3/8")	6
121	07-098700		NUT, ACORN (Low crown) (#10-24, stainless steel, Grade 5)	9
122	10-159200		LATCH, ADJUSTABLE GRIP	1
123	10-034100		TAPE, MAGNETIC (1" wide, .06" thick) [Bulk item, order as needed. 3" (76 mm) needed this application]	A.R.
124	10-096800		TRIM, DOOR EDGE [Bulk item, order as needed.	
			3 Ft (.9 M) needed this application.]	A.R.
125	11-085800		GASKET, DOOR [Bulk item, order as needed.]	A.R.

TITLE UNDERCARRIAGE, FALCON 2034 (PLATE 4 OF 4)

PLATE
NO.

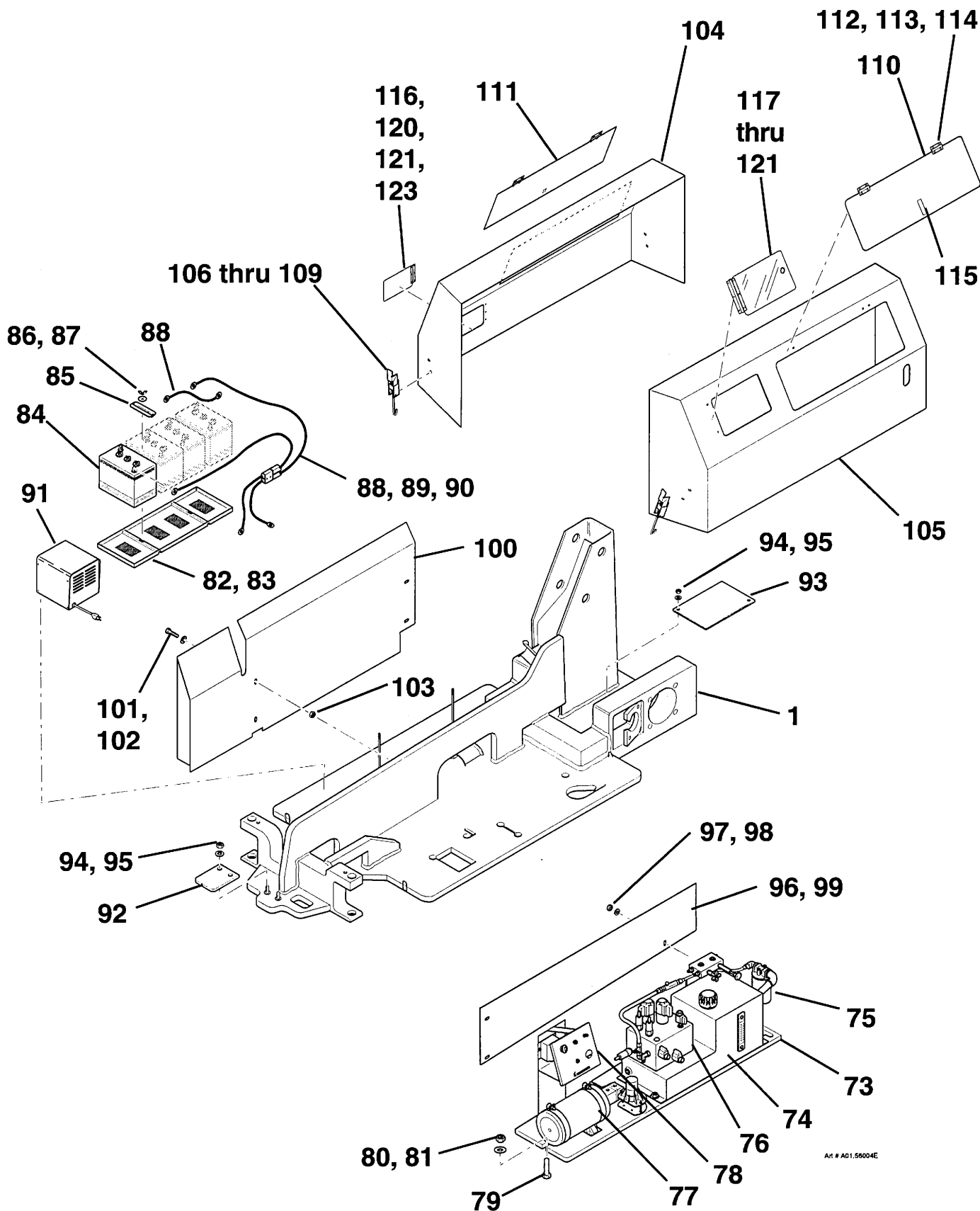
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SIMON AERIALS INC.

NEW 25 JUN., 1993

PART
NO.

3532930



Alt # AD1.56004E

TITLE

UNDERCARRIAGE, FALCON 2034 (PLATE 4 OF 4)

SIMON AERIALS INC.

NEW 25 JUN., 1993

PART
NO.

3532930

PLATE
NO.

01.56

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	2316280		SUBPLATE, GROUND CONTROL (For earlier versions. Ground electrical control frame is welded to the Undercarriage deck .)	1
2			SUBPLATE WELDMENT, GROUND CONTROL (For later versions. Ground electrical control frame is welded directly to the subplate .)	1
3	See plate . .	07.53	GROUND ELECTRICAL CONTROL COMPONENTS (ref.)	
4	See plate . .	24. - -	TANK ASSEMBLY, HYDRAULIC	1
5	01-081501		ELEMENT, FILTER [10 micron, 18 GPM (68 L/ min)]	1
6	07-062015		WASHER, FLAT (5/16")	4
7	07-050015		NUT, LOCK (5/16"-18, Grade 5)	4
8	01-209800		VALVE, BRAKE RELEASE (Hand pump and needle valve)	1
9	06-039500		CONNECTOR, STRAIGHT THREAD (4-6 F50X)	2
10	07-003037		CAP SCREW, HEX HEAD (5/16"-18 x 4-1/2", Grade 5)	2
11	07-062015		WASHER, FLAT (5/16")	4
12	07-050015		NUT, LOCK (5/16"-18, Grade 5)	2
13	01-225800	23.54	MANIFOLD, VALVE	1
14	06-039500		CONNECTOR, STRAIGHT THREAD (4-6 F50X)	4
15	06-039800		CONNECTOR, STRAIGHT THREAD (6 F50X-S)	1
16	06-044300		ELBOW, STRAIGHT THREAD (4 C50X-S)	2
17	06-044800		ELBOW, STRAIGHT THREAD (8 C50X-S)	1
18	06-046800		45° ELBOW, STRAIGHT THREAD (4 V50X-S)	2
19	06-051500		90° ELBOW, SWIVEL NUT (6 C6X-S)	1
20	06-054600		RUN TEE, SWIVEL NUT (8 R6X-S)	1
21	06-055800		BRANCH TEE, SWIVEL NUT (4 S6X-S)	1
22	06-057600		NUT, TUBE (8 BTX-S)	1
23	06-060300		REDUCER, TUBE END (8-6 TRTX-S)	1
24	06-079800		PLUG, HEX SOCKET (4 HHP-S)	1
25	06-090300		REDUCER/ EXPANDER (6-4 F50 G5-S)	4
26	3532890		TUBE ASSEMBLY, HYDRAULIC	1
27	06-040200		CONNECTOR, STRAIGHT THREAD (8-6 F50X-S)	2
28	01-018900		VALVE, FLOW CONTROL (#6 SAE)	1
29	3532880		TUBE ASSEMBLY, HYDRAULIC	1
30	07-098600		CAP SCREW, HEX HEAD (3/8"-16 x 4-1/2", Grade 5)	2
31	07-065016		WASHER, HELICAL LOCK (3/8")	2
32	07-062016		WASHER, FLAT (3/8")	2
33	See plate . .	12.51	MOTOR AND PUMP ASSEMBLY	1
34	06-039500		CONNECTOR, STRAIGHT THREAD (4-6 F50X)	1
35	06-039800		CONNECTOR, STRAIGHT THREAD (6 F50X-S)	1
36	06-211700		ELBOW, "O"-RING HOSE FLANGE	1
37	07-062016		WASHER, FLAT (3/8")	4
38	07-050016		NUT, LOCK (3/8"-16, Grade 5)	4

TITLE GROUND CONTROL COMPONENTS, FALCON 2034 (LINK BOOM)

PLATE NO.

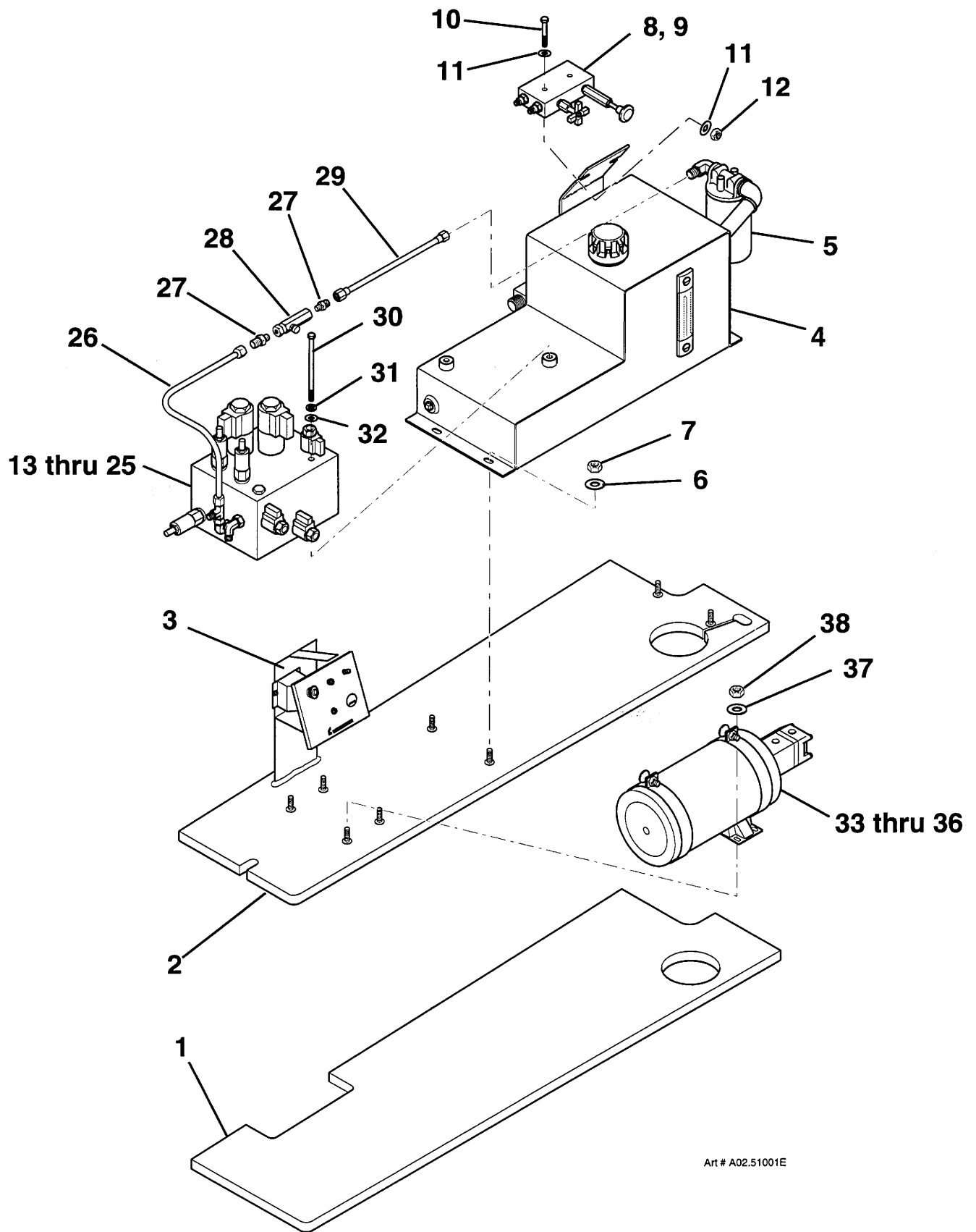
02.51

SIMON AERIALS INC.

NEW 24 JUN., 1993

PART NO.

3532980



Art # A02.51001E

TITLE GROUND CONTROL COMPONENTS, FALCON 2034 (LINK BOOM)

SIMON AERIALS INC.

NEW 24 JUN., 1993

PART
NO.

3532980

PLATE
NO.

02.51

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
A-A	3532770		BOOM ASSEMBLY (with beacon pad and hose cover studs)	1
A-A	3532940		BOOM ASSEMBLY (no beacon pad or hose cover studs)	1
1			BOOM WELDMENT, LOWER (with bearings)	1
	2303620		with beacon mounting pad, and studs for metal hose cover	1
	2311200		without beacon mounting pad or studs for metal hose cover	1
2	08-067500		BEARING, SLEEVE (2" I.D., 2-1/4" O.D., 2" long)	4
3	2304370		PIN, LOWER BOOM (2" x 7-3/16") (at base post)	1
4	2304380		PIN, LOWER BOOM (2" x 16-1/4") (at mid post)	1
5	2170300		PIN, KEEPER [straight pin, 3-5/8" (93 mm) long]	2
6	08-041100		RING, RETAINING (2")	4
7	2303500		ARM WELDMENT, LOWER PARALLEL (with bearings)	1
8	08-066800		BEARING, SLEEVE (1-1/2" I.D., 1-3/4" O.D., 1-1/2" long)	4
9	2304390		PIN, LOWER PARALLEL ARM (1-1/2" x 7-5/32") (base end)	1
10	2304410		PIN, LOWER PARALLEL ARM (1-1/2" x 9-3/16") (mid post)	1
11	2169850		PIN, KEEPER [straight pin, 3" (76 mm) long]	2
12	08-040900		RING, RETAINING (1-1/2")	4
13	08-051300		FITTING, GREASE (1/8" NPT, 90°)	11
14	08-066300		CAP, GREASE FITTING (White plastic)	12
15	2304000		MID-POST WELDMENT	1
16	04-037500	11.62	CYLINDER, LIFT	1
17	01-221100		"O"-RING (.426 I.D. x .070" dia.)	1
18	2313540		MANIFOLD, VELOCITY FUSE	1
19	01-225500		FUSE, VELOCITY [4.0 GPM (15 L/ min)] (standard)	1
	2312480		VALVE, HOLDING (optional in place of velocity fuse)	1
20	01-097505		CARTRIDGE, HOLDING VALVE	1
21	01-097518		SEAL KIT, CARTRIDGE	1
22	01-097507		COIL, HOLDING VALVE CARTRIDGE	1
23	07-098500		CAP SCREW, HEX HEAD (1/4"-20 x 2", Grade 8)	2
24	07-065014		WASHER, HELICAL LOCK (1/4")	2
25	07-062014		WASHER, FLAT (1/4")	2
26	2304510		PIN, LIFT CYLINDER (2" x 6") (rod end)	1
27	2170300		PIN, KEEPER [straight pin, 3-5/8" (93 mm) long]	1
28	08-041100		RING, RETAINING (2")	2
29	2303690		LINK ASSEMBLY, BOOM (with bearings and grease fittings)	1
30	08-070900		BEARING, SLEEVE (2" I.D., 2-1/4" O.D., 1-1/2" long)	4
31	2308600		SPACER, BEARING	2
32	08-050000		FITTING, GREASE (1/8", straight)	2
33	2313460		PIN, LINK (2" x 5-29/32") (to lower boom)	1
34	2304510		PIN, LINK (2" x 6") (to upper boom)	1
35	2170300		PIN, KEEPER [straight pin, 3-5/8" (93 mm) long]	2
36	08-041100		RING, RETAINING (2")	4

TITLE BOOM ASSEMBLY (LINK TYPE) , FALCON 2034 (PLATE 1 OF 2)

PLATE NO.

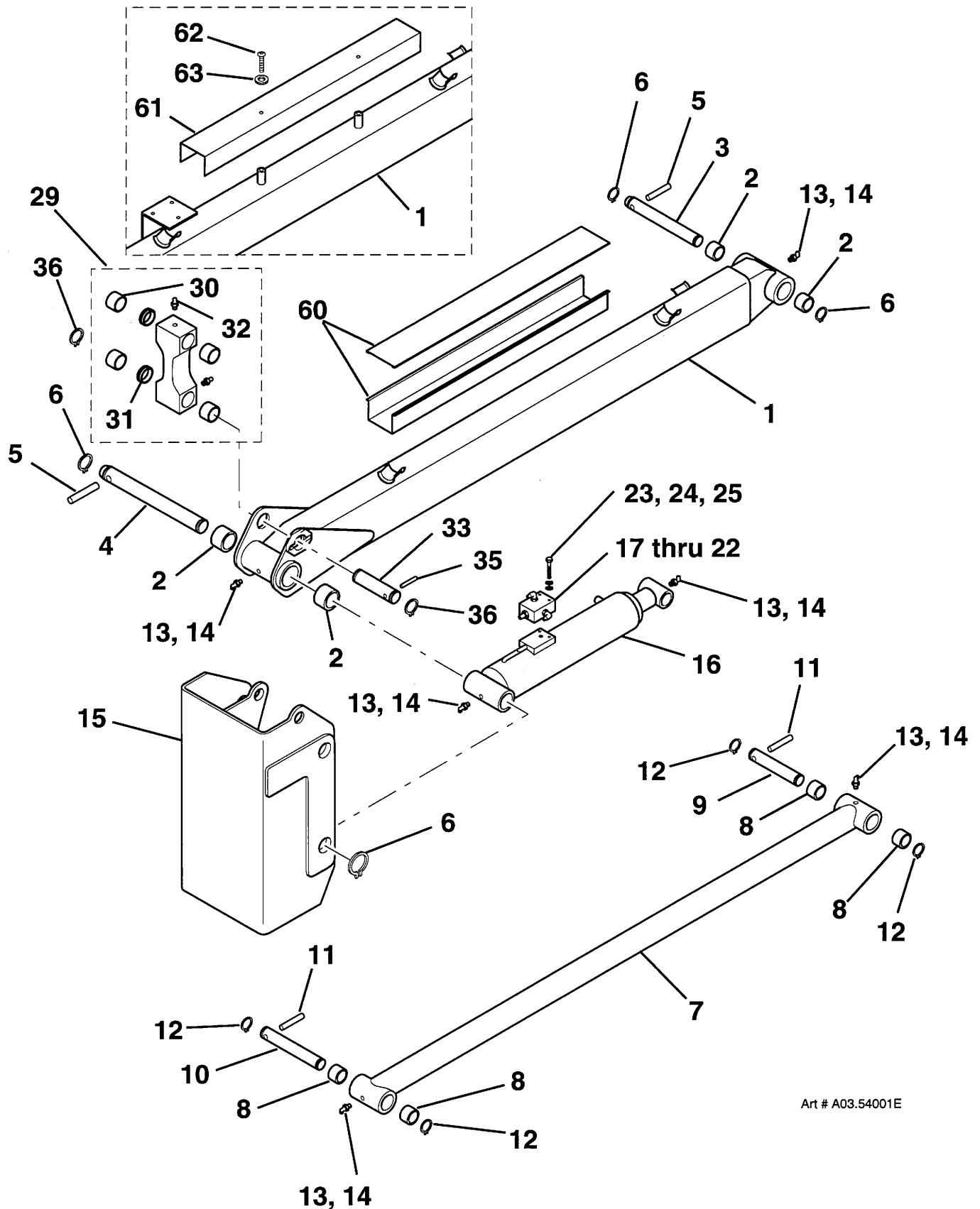
03.54

SIMON AERIALS INC.

NEW 10 MAY, 1993

PART NO.

with beacon mount and metal hose cover



Art # A03.54001E

TITLE BOOM ASSEMBLY (LINK TYPE) , FALCON 2034 (PLATE 1 OF 2)

SIMON AERIALS INC.

NEW 10 MAY, 1993

PART
NO.

PLATE
NO.

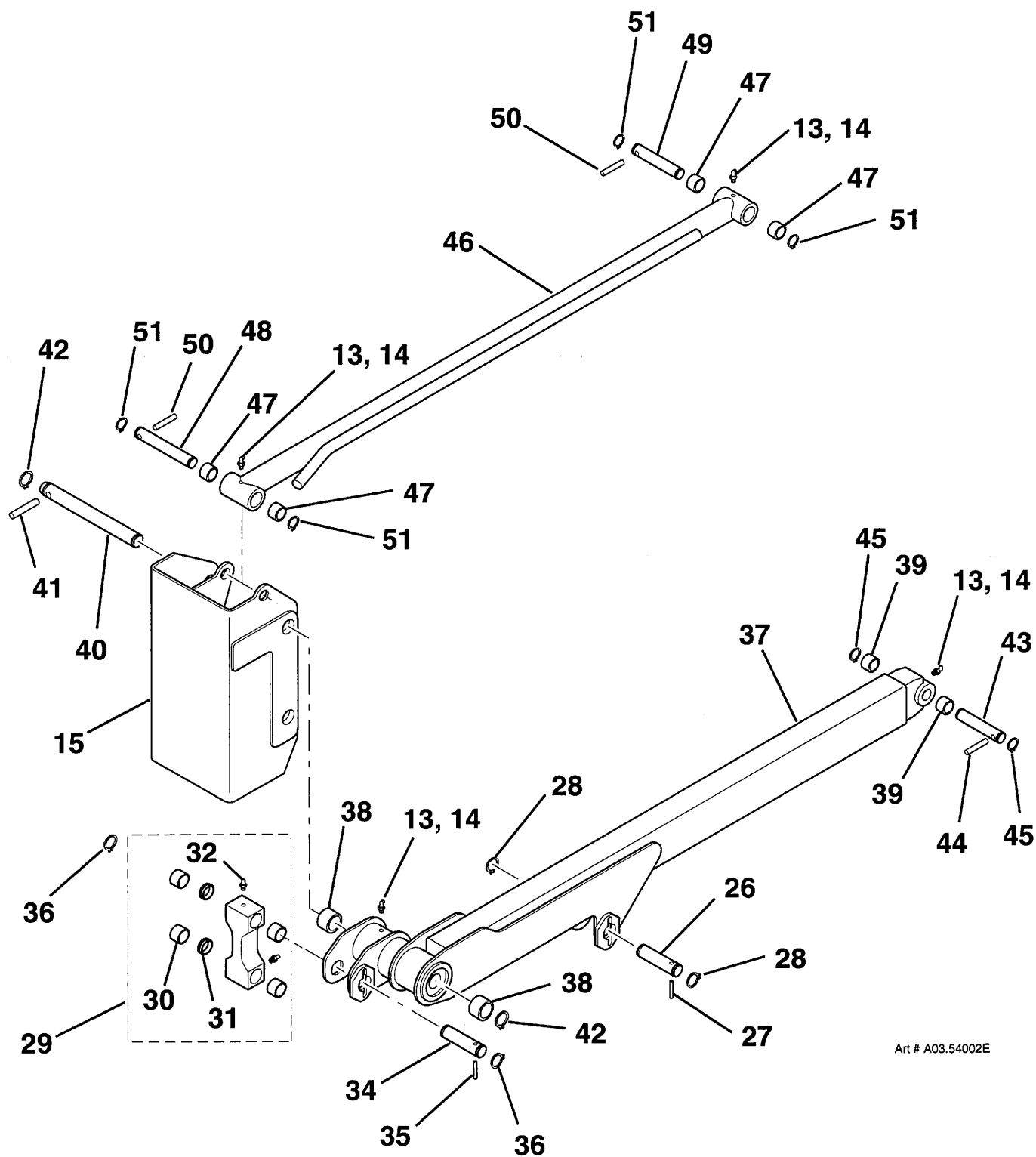
03.54

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
37	2303840		BOOM WELDMENT, UPPER (with bearings)	1
38	08-066800		BEARING, SLEEVE (lower end) (1-1/2" I.D., 1-3/4" O.D., 1-1/2" long)	2
39	08-071000		BEARING, SLEEVE (upper end) (2" I.D., 3-3/4" O.D., 2" long)	2
40	2304380		PIN, UPPER BOOM (2" x 16-1/4") (mid post end)	1
41	2170300		PIN, KEEPER [straight pin, 3-5/8" (93 mm) long]	1
42	08-041100		RING, RETAINING (2")	2
43	2304390		PIN, UPPER BOOM (1-1/2" x 7-5/32") (platform end)	1
44	2169850		PIN, KEEPER [straight pin, 3" (76 mm) long]	1
45	08-040900		RING, RETAINING (1-1/2")	2
46	2303830		ARM WELDMENT, UPPER PARALLEL	1
47	08-066800		BEARING, SLEEVE (1-1/2" I.D., 1-3/4" O.D., 1-1/2" long)	4
48	2304400		PIN, UPPER PARALLEL ARM (1-1/2" x 7-7/8") (at mid post)	1
49	2304390		PIN, UPPER PARALLEL ARM (1-1/2" x 7-5/32") (at platform)	1
50	2169850		PIN, KEEPER [straight pin, 3" (76 mm) long]	2
51	08-040900		RING, RETAINING (1-1/2")	4
52	03-085200		CABLE, ELECTRICAL (SJO, 2 conductor, #16 AWG) [Bulk item, order as needed]	A.R.
53	03-085700		CABLE, ELECTRICAL (SJO, 4 conductor, #16 AWG) [Bulk item, order as needed.]	A.R.
54	03-085900		6 Ft (1.8 M) needed this application] CABLE, ELECTRICAL (SJO, 3 conductor, #12 AWG) [Bulk item, order as needed.]	A.R.
55	03-505900		30 Ft (9.2 M) needed this application] CABLE, ELECTRICAL (SJO, 25 conductor, #16 AWG, with PVC cover) [Bulk item, order as needed.]	A.R.
56	10-150800		40 Ft (12.2 M) needed this application] SLEEVE, PLASTIC COIL [3/4" (19 mm) dia.] [Bulk item, order as needed.]	A.R.
57	10-150900		3 Ft (.9 M) needed this application] SLEEVE, PLASTIC COIL [1" (25 mm) dia.] [Bulk item, order as needed.]	A.R.
58	03-064700		4-1/2 Ft (1.4 M) needed this application] TIE, CABLE [14-1/2" (368 mm) long]	A.R.
59	10-160700		PAD, INSULATOR (Neoprene, 4" x 8" x 1/8" thick)	40
60	No part #		GUIDE, HOSE (Plastic. Used instead of metal hose cover in some applications.)	7
61	2308920		COVER, HOSE (Metal. Optional with plastic hose guide.)	1
62	07-096400		CAP SCREW, BUTTON HEAD (3/8"-16 x 3/4", #18-8 stn. stl.)	1
63	07-062016		WASHER, FLAT (3/8")	2

TITLE BOOM ASSEMBLY (LINK TYPE) , FALCON 2034 (PLATE 2 OF 2)

PLATE NO.	03.54	SIMON AERIALS INC.	NEW 10 MAY, 1993	PART NO.
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Art # A03.54002E

TITLE BOOM ASSEMBLY (LINK TYPE) , FALCON 2034 (PLATE 2 OF 2)

SIMON AERIALS INC.

NEW 10 MAY, 1993

PART
NO.

PLATE
NO.

03.54

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
	3532950		PLATFORM ASSEMBLY	1
	3532960		with solid metal floor, but no roll out deck	1
			with solid metal floor and roll out deck	1
1	2311220		PLATFORM WELDMENT (without roll out deck)	1
	2311230		PLATFORM WELDMENT (with roll out deck)	1
2	03-062100		BOX, DUPLEX OUTLET (weatherproof)	1
3	03-067000		OUTLET, DUPLEX (125 Volt AC, 20 Amp, self grounding)	1
4	03-062200		COVER, DUPLEX OUTLET (weatherproof)	1
5	03-041000		GRIP, CORD (1/2", sealing)	1
6	03-055500		NUT, CONDUIT LOCK (1/2", sealing)	1
7	07-003005		CAP SCREW, HEX HEAD (1/4"-20 x 1", Grade 5)	2
8	07-062014		WASHER, FLAT (1/4")	2
9	07-050014		NUT, LOCK (1/4"-20, Grade 5)	2
10	See plate . .	09.57	CONSOLE, PLATFORM CONTROL	1
11	03-063200		GRIP, CORD (3/4", sealing)	1
12	03-055600		NUT, CONDUIT LOCK (3/4")	1
13	2224740		KICK BOARD, PLATFORM END (without roll out deck)	1
14	07-003049		CAP SCREW, HEX HEAD (3/8"-16 x 2", Grade 5)	12
15	07-062016		WASHER, FLAT (3/8")	24
16	07-050016		NUT, LOCK (3/8"-16)	12
17	2308300		RAIL WELDMENT, SIDE [43-5/8" (1.1 M) high]	2
	2315010		RAIL WELDMENT, SIDE [39" (1.0 M) high]	2
18	10-114100		PLUG, SQUARE TUBING (Black plastic)	7
19	2308050		RAILING, END (without roll out deck)	3
	2308050		RAILING, END (with roll out deck)	1
20	07-003009		CAP SCREW, HEX HEAD (1/4"-20 x 2", Grade 5)	A.R.
21	07-050014		NUT, LOCK (1/4"-20, Grade 5)	A.R.
22	3534600		CHAIN ASSEMBLY, SAFETY	1
23	2316330		PAD, PLATFORM REST	
			(Rectangular. Option with 10-214600. Uses #12 screws)	1
	10-214600		WASHER (Nylon. Option w/ 2316330. Uses 1/4"-20 screw)	1
24	07-029365		SCREW, HEX WSHR. HEAD (#12-14 x 1", self drill, w/ seal)	2
	07-015003		MACHINE SCREW, FLAT HEAD (1/4"-20 x 3/4", Grade 5)	1
25	2308450		PLATE, DECAL MOUNTING	1
26	07-003003		CAP SCREW, HEX HEAD (1/4"-20 x 3/4", Grade 5)	2
27	07-003008		CAP SCREW, HEX HEAD (1/4"-20 x 1-3/4", Grade 5)	1
28	07-062014		WASHER, FLAT (1/4")	6
29	07-050014		NUT, LOCK (1/4"-20, Grade 5)	3
30	11-085200		BOX, TECHNICAL MANUAL STORAGE	1
31	07-029365		SCREW, HEX WSHR. HEAD (#12-14 x 1", self drill, w/ seal)	3
32	10-034000		BELT, SAFETY	1
33	10-033900		LANYARD, SAFETY BELT	1

TITLE PLATFORM ASSEMBLY, FALCON 2034 (WITH LINK BOOM) (PLATE 1 OF 2)

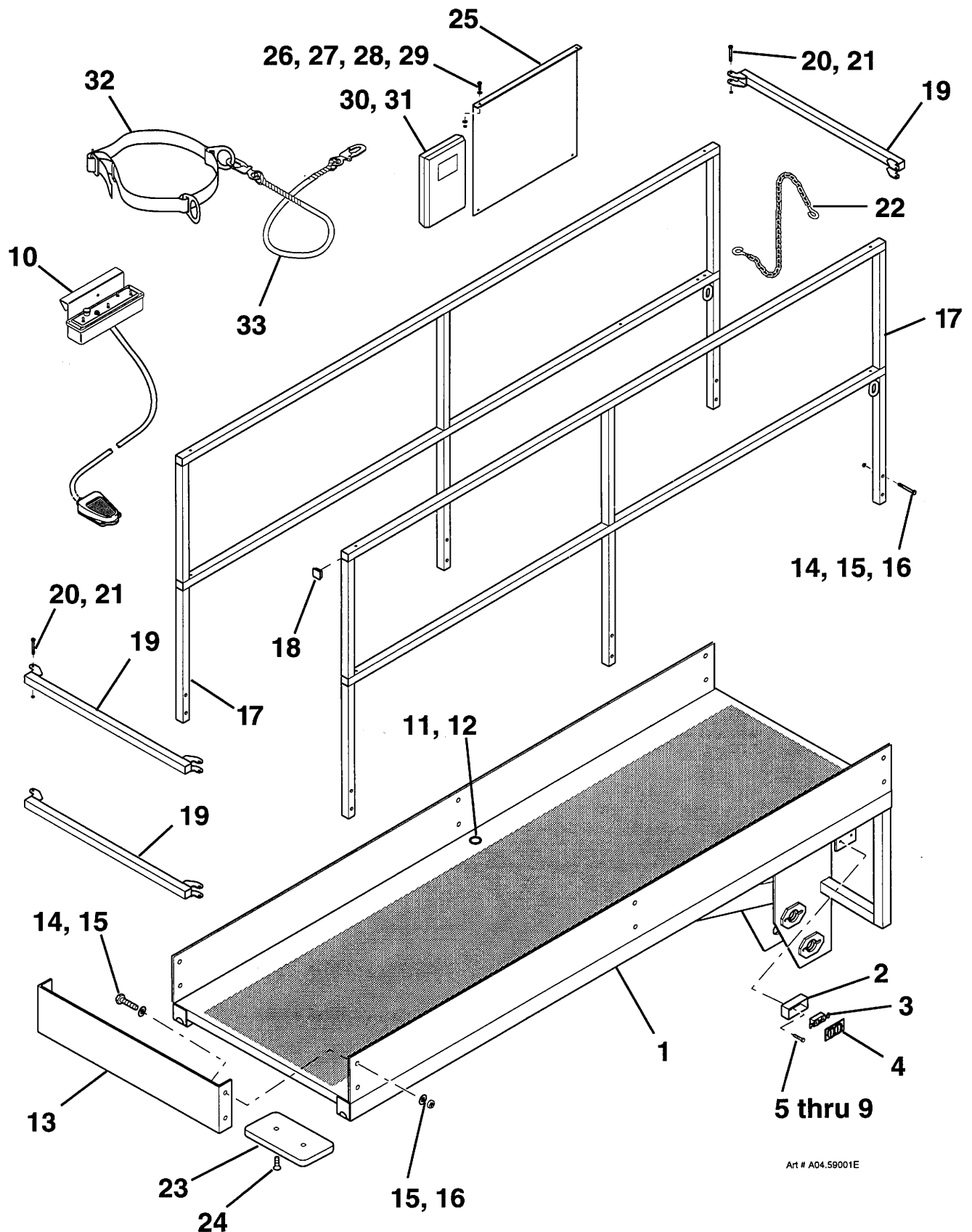
PLATE NO.

04.59

SIMON AERIALS INC.

NEW 29 JUN., 1993

PART NO.



TITLE PLATFORM ASSEMBLY, FALCON 2034 (WITH LINK BOOM) (PLATE 1 OF 2)

SIMON AERIALS INC.

NEW 29 JUN., 1993

PART
NO.

PLATE
NO.

04.59

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
			The following items are used only with the optional ROLL OUT DECK EXTENSION:	
34	08-074900		BEARING, ROLLER (includes nut)	4
35			BEARING, ROLLER	1
36			NUT, HEX	1
37	2315830		SPACER, ROLLER	4
38	2311210		DECK WELDMENT, ROLL OUT (with solid metal floor)	1
39	08-071100		BEARING, BALL	4
40	2308140		PIN (3/4" x 2")	2
41	08-045200		RING, RETAINING	4
42	2308010		PAD, SLIDER	2
43	07-003004		CAP SCREW, HEX HEAD (1/4"-20 x 7/8", Grade 5)	6
44	07-065014		WASHER, HELICAL LOCK (1/4")	6
45	2308290		RAIL WELDMENT, END [44" (1.1 M) high]	1
	2315020		RAIL WELDMENT, END [39-1/2" (1 M) high] (opt. w/ below)	1
	2315040		RAIL WELDMENT, END [39-1/2" (1 M) high] (opt. w/ above)	1
46	2308070		CLAMP, END RAIL	2
47	07-003049		CAP SCREW, HEX HEAD (3/8"-16 x 2", Grade 5)	4
48	07-050016		NUT, HEX LOCK (3/8"-16, Grade 5)	4
49	2224470		RAIL, MID	2
50	2315090		RAIL, TOP (option with 2314420)	2
	2314420		RAIL, TOP (option with 2315090)	2
	07-106600		PAD, TOP RAIL SLIDER (On side of rail. Not shown.)	A.R.
51	07-003029		CAP SCREW, HEX HEAD (5/16"-18 x 2", Grade 5)	4
52	07-050015		NUT, HEX LOCK (5/16"-18)	4
53	07-003029		CAP SCREW, HEX HEAD (5/16"-18 x 2", Grade 5)	2
54	08-074200		SPACER, DECK STOP	4
55	07-050015		NUT, HEX LOCK (5/16"-18)	2
56	11-082100		PIN, HITCH (5/16" x 2-1/4", with 6" lanyard)	2
57	07-029365		SCREW, HEX WASHER HEAD (#12-14 x 1", self drilling, with rubber seal)	2
58	10-161900		TAPE, POLYETHYLENE (Pressure sensitive, 1-1/8" wide) [Bulk item, order as needed. 16 Ft (4.9 M) needed here]	A.R.
59	2315100		PAD, ROLLOUT DECK SLIDER (Nylon)	2
60	07-003006		CAP SCREW, HEX HEAD (1/4"-20 x 1-1/4", Grade 5) (option)	4
	07-015003		CAP SCREW, HEX HEAD (1/4"-20 x 3/4", Grade 5) (option)	4
61	07-050014		NUT, HEX LOCK (1/4"-20, Grade 5)	4
62	10-165600		CAP, NYLON	8

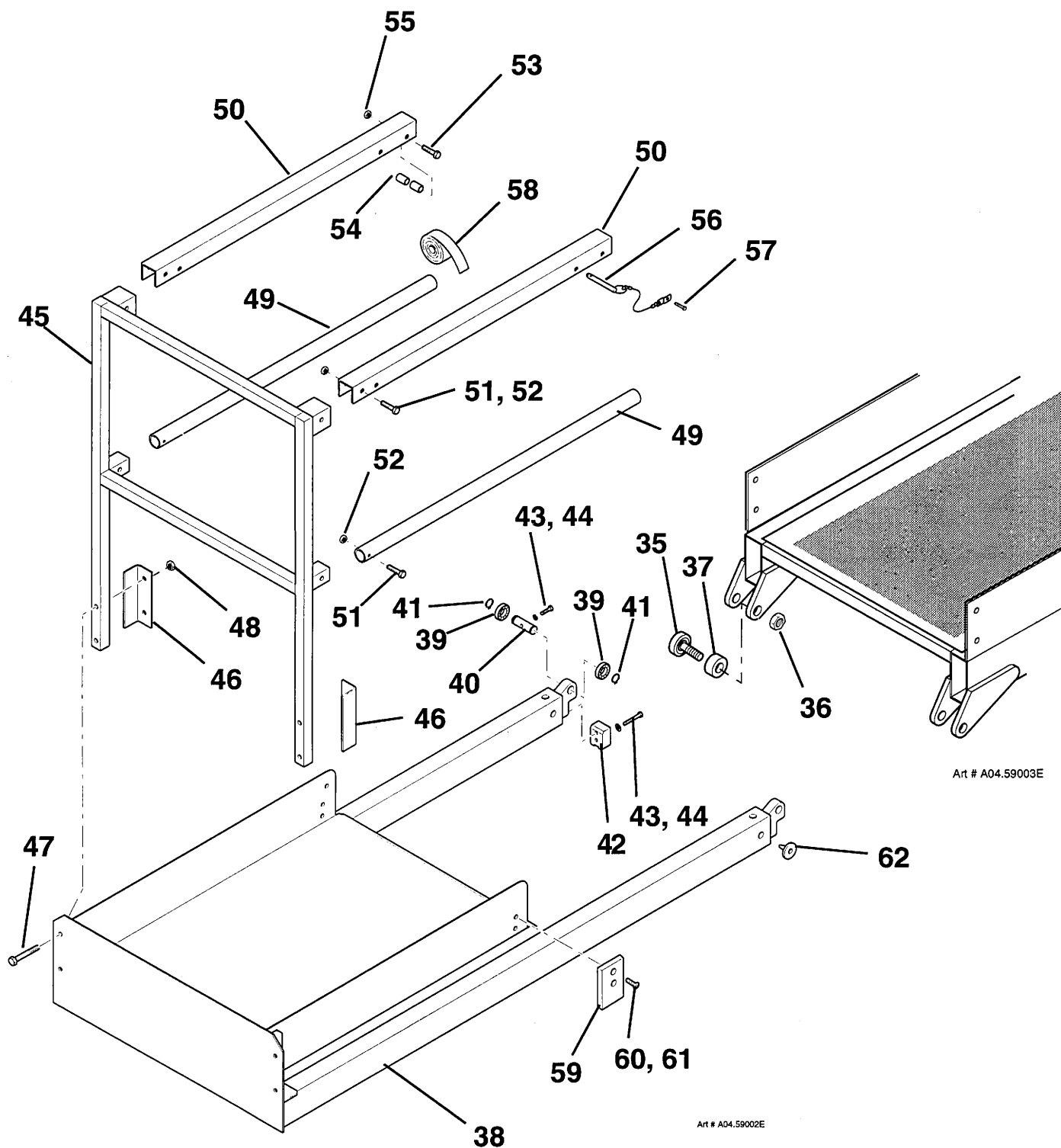
TITLE PLATFORM ASSEMBLY, FALCON 2034 (WITH LINK BOOM) (PLATE 2 OF 2)

PLATE NO. 04.59

SIMON AERIALS INC.

NEW 29 JUN., 1993

PART NO.



TITLE PLATFORM ASSEMBLY, FALCON 2034 (WITH LINK BOOM) (PLATE 2 OF 2)

SIMON AERIALS INC.

NEW 29 JUN., 1993

PART
NO.

PLATE
NO.

04.59

PARTS LIST

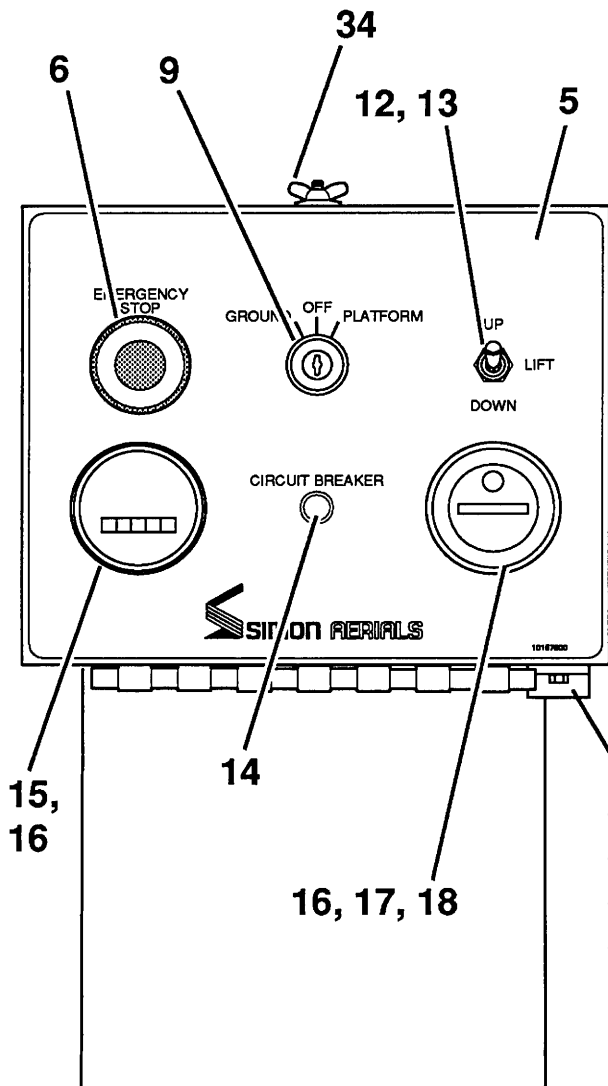
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1			FRAME WELDMENT, GROUND CONTROL (Ref. only. Part of undercarriage or control weldment.)	1
2	2315370		COVER, GROUND CONTROL BOX (includes hinge)	1
3	07-011343		MACHINE SCREW, PAN HEAD (#8-32 x 1/2", Grade 2)	3
4	07-050009		NUT, LOCK (#8-32, Grade 5)	3
5	10-157600		DECAL, GROUND CONTROL BOX (English language)	1
	10-162800		DECAL, GROUND CONTROL BOX (German language)	1
6			BUTTON, EMERGENCY STOP (Red, twist to release) (standard)	1
	03-409800		(Red, illuminated) (optional)	1
7	03-501000		BASE, SWITCH MOUNTING (for twist style button)	1
	03-454900		LIGHT UNIT (24 Volt DC) (for illuminated button)	1
8			BLOCK, CONTACT (normally closed)	1
	03-437300		for twist style button	1
	03-496300		for illuminated button	2
9			SWITCH, KEY OPERATED (3 position. Includes two keys.) Standard. Key removable in "Off" position only.	1
	03-486500		For Germany. Key can be removed in any position.	1
10	03-454900		BASE, SWITCH MOUNTING	1
11	03-437200		BLOCK, CONTACT (normally open)	2
12	03-020500		SWITCH, TOGGLE (3 position, momentary contact, double pole, double throw)	1
13	03-497900		SEAL, PANEL	1
14	03-604700		BREAKER, CIRCUIT (15 Amp)	1
15	03-030500		METER, HOUR (option)	1
16	01-225700		"O"-RING (Meter seal to panel)	A.R.
17	03-424100		METER, BATTERY (option)	1
	03-498800		METER, COMBINATION (battery and hour meter) (option)	1
18	03-498900		INSTALLATION KIT, COMBINATION METER (needed to install Battery/ Hour meter 03-498800)	1
19	03-603600		CONTACTOR, DC (can relay) (24 Volt DC, normally open, single pole, single throw)	1
20	03-074000		CABLE (Black, 9-3/4" long, #4 AWG, 3/8" lugs)	2
	03-482500		CABLE (Contactor to motor. On some earlier units.)	1
	03-471200		CABLE (Red) (Contactor to battery. On some earlier units.)	1
	03-491700		CABLE, BATTERY (Red) (for Germany)	1

TITLE GROUND ELECTRICAL CONTROLS, FALCON 2034 (LINK BOOM)

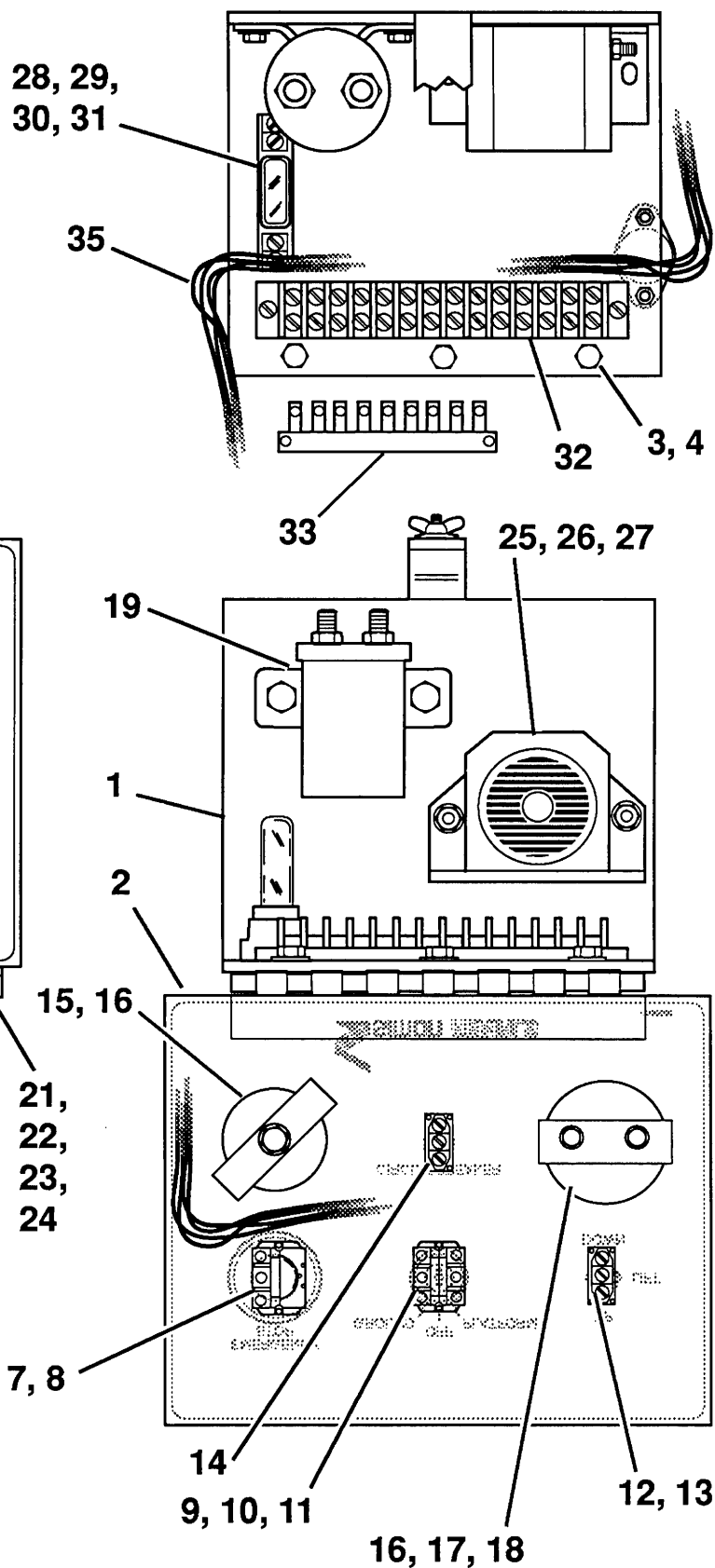
PLATE NO. 07.53 **SIMON AERIALS INC.**

NEW 30 JUN., 1993

PART NO.



Art # A07.53001E



TITLE GROUND ELECTRICAL CONTROLS, FALCON 2034 (LINK BOOM)

SIMON AERIALS INC.

NEW 30 JUN., 1993

PART
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NO.

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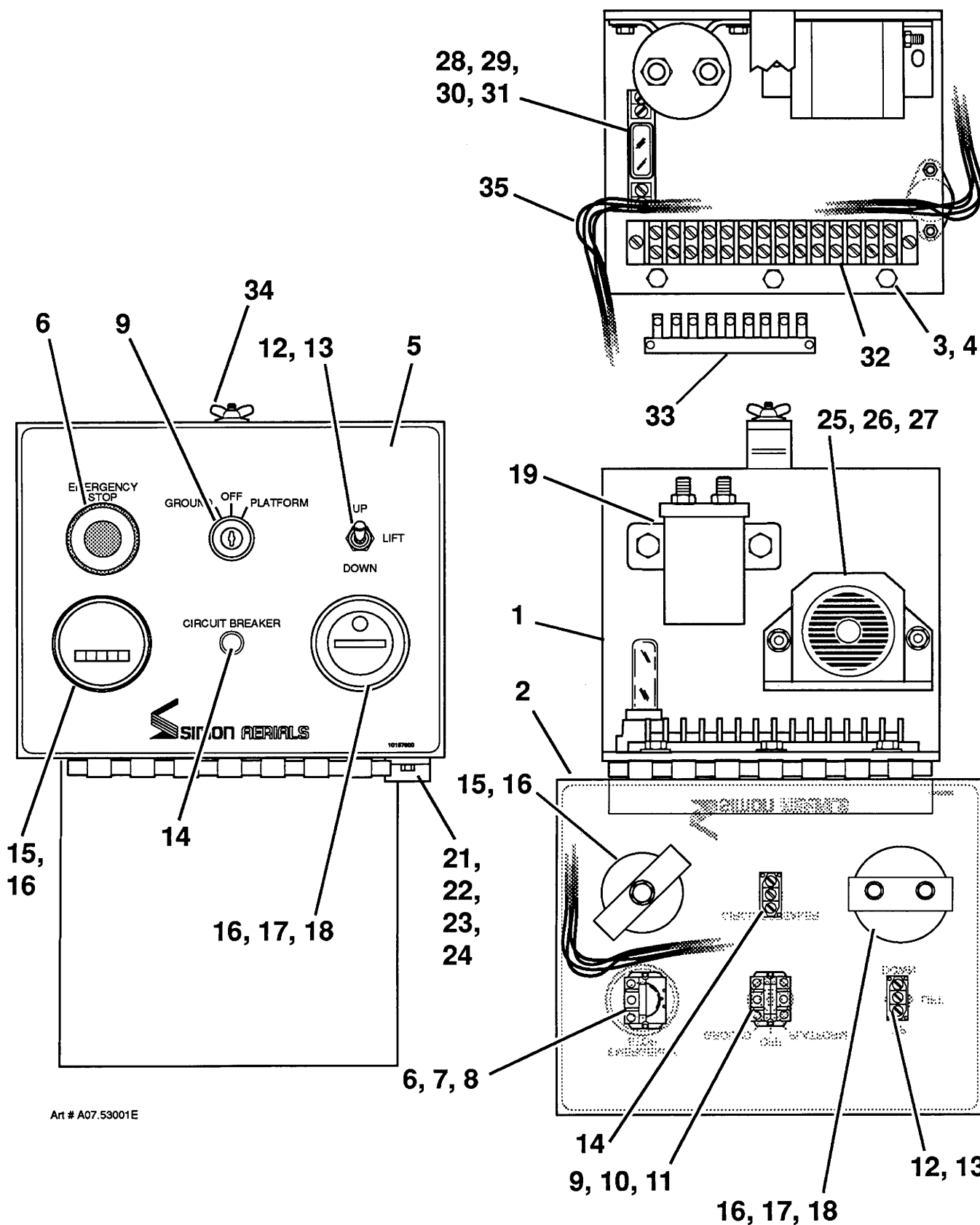
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TITLE				GROUND ELECTRICAL CONTROLS, FALCON 2034 (LINK BOOM)			
PLATE NO.		07.53		SIMON AERIALS INC.		NEW 30 JUN., 1993	
						PART NO.	

PLATE NO.	07.53	SIMON AERIALS INC.	NEW 30 JUN., 1993	PART NO.
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PLATE NO.	07.53	SIMON AERIALS INC.	NEW 30 JUN., 1993	PART NO.
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PLATE NO.	07.53	SIMON AERIALS INC.	NEW 30 JUN., 1993	PART NO.
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Art # A07.53001E

TITLE GROUND ELECTRICAL CONTROLS, FALCON 2034 (LINK BOOM)

SIMON AERIALS INC.

NEW 30 JUN., 1993

PART
NO.

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NO.

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PARTS LIST

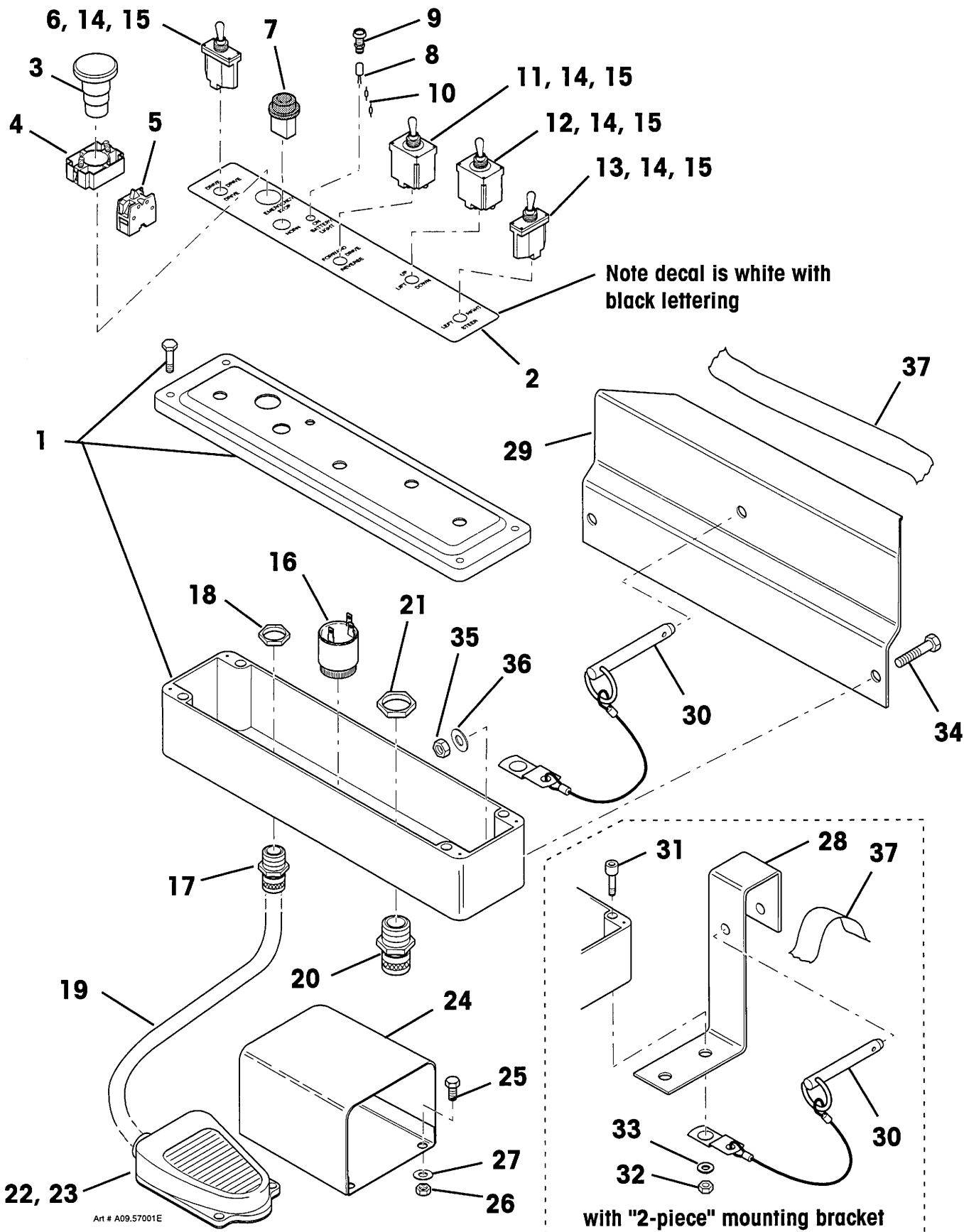
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
	3533030		CONSOLE, PLATFORM CONTROL (Type 1) Note: The "Type 1" control uses a decal with Black lettering on a White background. See Parts Plate 09.60 for "Type 2" control, which has white lettering on a black decal.	
1			BOX, JUNCTION (13-1/4" x 3-1/8" x 2-5/8". Includes cover.)	1
	03-436400		Undrilled box. Must be drilled to fit this application.	1
	231 5120		Drilled to fit this application. Please specify if drilling for "one piece" mounting bracket 222 4490 is required.	1
2	10-121700		DECAL, PLATFORM CONTROL (English language)	1
	10-146300		DECAL, PLATFORM CONTROL (German language)	1
3	03-409800		BUTTON, EMERGENCY STOP (Red, "twist to release" type)	1
	03-706100		BUTTON, EMERGENCY STOP (Red "pull to release" type)	1
4	03-454900		BASE, SWITCH MOUNTING	
5	03-437300		BLOCK, CONTACT (normally closed)	1
6	03-020400		SWITCH, TOGGLE (Lift/ Drive speed) (2 position, maintained contact, single pole)	1
7	03-020300		SWITCH, PUSH BUTTON (for optional horn)	1
8			DIODE, BLINKING (for optional "Low battery" indicator)	
	03-481200		Red, 1.75 mm (.069") diameter	1
	03-506400		Red, 10 mm (.39") diameter	1
9	03-481300		HOLDER, PANEL MOUNT (for 1.75 mm diode)	1
	03-506500		HOLDER, PANEL MOUNT (for 10 mm diode)	1
10	03-481100		RESISTOR (470 Ohm) (for 1.75 mm diode)	2
	03-506600		RESISTOR (100 Ohm, 1/4 Watt) (for 10 mm diode)	2
11	03-026800		SWITCH, TOGGLE (Drive) (3 position, momentary contact, double pole)	1
12	03-020500		SWITCH, TOGGLE (Lift) (3 position, momentary contact, single pole)	1
13	03-020500		SWITCH, TOGGLE (Steer) (3 position, momentary contact, single pole)	1
14	03-497900		SEAL, PANEL	4
15	03-506200		SEAL, TOGGLE SWITCH (option)	4

TITLE

PLATFORM CONTROL ASSEMBLY, FALCON 2034/ 2548

SECTION **09.** | PLATE NO. **57** | PAGE **01** | REV. - | DATED 22 NOV., 1993 | PART NO. **353 3030**

 Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172



Simon Aerials Inc.
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Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172

TITLE

PLATFORM CONTROL ASSEMBLY, FALCON 2034/ 2548

PART NO.

353 3030

REV. -

DATED

22 NOV., 1993

SECTION

09.

PLATE NO.

57

PAGE

01

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
16	03-479300		ALARM, TILT (60 to 80 db)	1
17	03-700400		GRIP, CORD (1/2", .236" to .434" dia.)	1
18	03-055500		NUT, CONDUIT LOCK (1/2", sealing)	1
19	03-085200		CABLE, ELECTRICAL (SJO, 2 conductor, #16 AWG) (Bulk item, order as needed. 5-1/2 ft [1.7 m] required here)	A.R.
20	03-700500		GRIP, CORD (3/4", .545" to .708" dia.)	1
21	03-055600		NUT, CONDUIT LOCK (3/4")	1
22	03-700700		SWITCH, FOOT OPERATED	1
23	03-465602		MICROSWITCH	1
24	03-612300		GUARD, FOOT SWITCH (Option. Includes hardware)	1
25	07-008354		CAP SCREW, SOCKET HEAD (#10-24 x 1-1/4")	4
26			NUT, HEX (#10-24)	4
27	07-062011		WASHER, FLAT (#10)	4
28	2161460		BRACKET, CONTROL CONSOLE (optional with Item 29)	2
29	2224490		BRACKET, CONTROL CONSOLE (optional with Item 28)	1
30	11-082100		PIN, HITCH (5/16" x 2-1/2", with 6" lanyard)	1
31	07-008354		CAP SCREW, SOCKET HEAD (#10-24 x 1-1/4", Grade 8) (for "two piece" mounting brackets 216 1460)	4
32	07-050011		NUT, LOCK (#10-24, Grade 2) (for bracket 216 1460)	4
33	07-062011		WASHER, FLAT (#10) (for bracket 216 1460)	8
34	07-003006		CAP SCREW, HEX HEAD (1/4"-20 x 1-1/4", Grade 8) (for "one piece" mounting bracket 222 4490)	2
35	07-050014		NUT, LOCK (1/4"-20, Grade 5) (for bracket 222 4490)	2
36	07-060014		WASHER, FLAT (1/4") (for bracket 222 4490)	4
37	10-161900		TAPE, POLYETHYLENE (Pressure sensitive, 1-1/8" wide) (Bulk item, order as needed)	A.R.

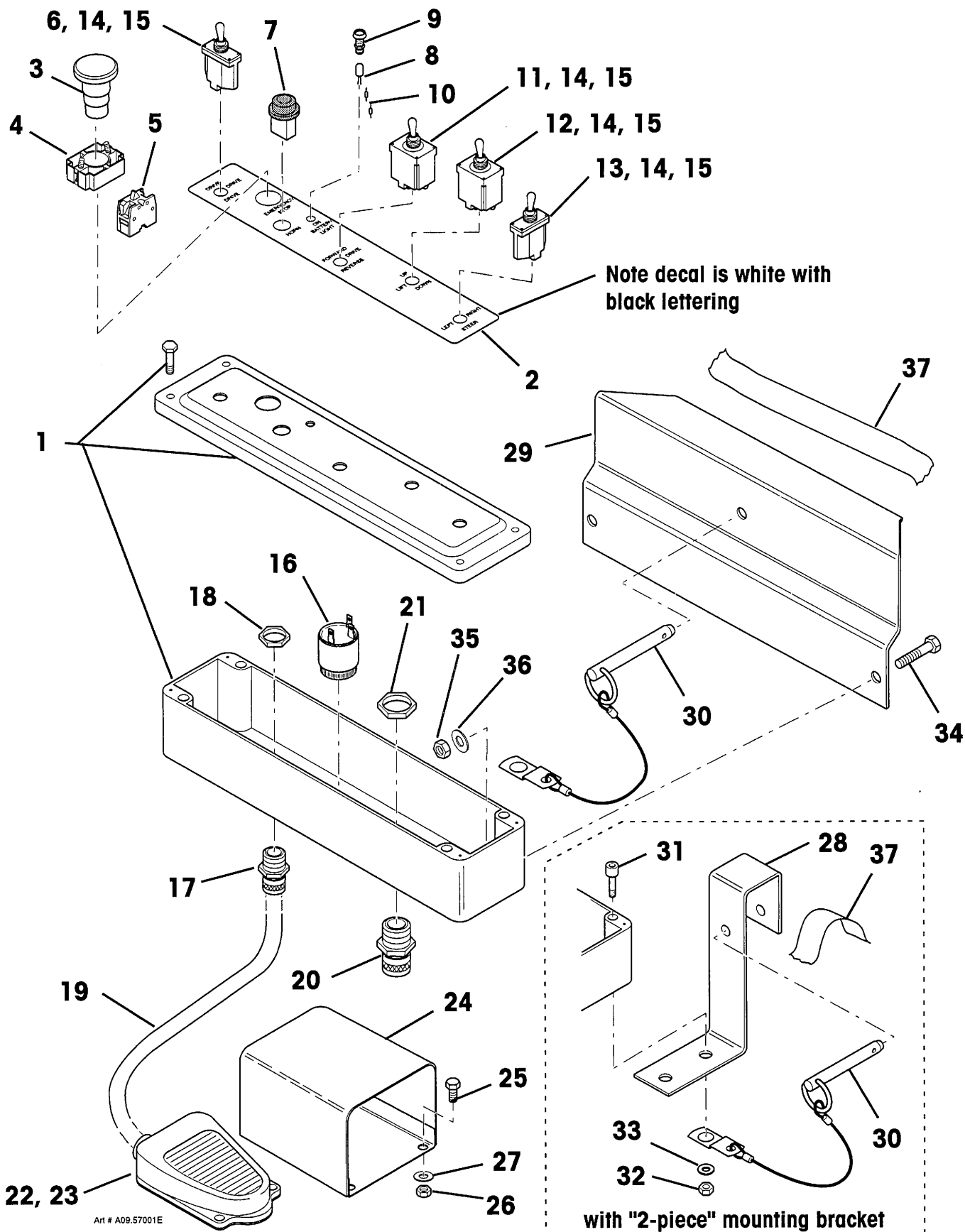
TITLE

PLATFORM CONTROL ASSEMBLY, FALCON 2034/ 2548

SECTION **09.** | PLATE NO. **57** | PAGE **02** | REV. - | DATED 22 NOV., 1993 | PART NO. **353 3030**



Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172



Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172

TITLE

PLATFORM CONTROL ASSEMBLY, FALCON 2034/ 2548

PART NO.

353 3030

REV.

DATED

22 NOV., 1993

SECTION

09.

PLATE NO.

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PAGE

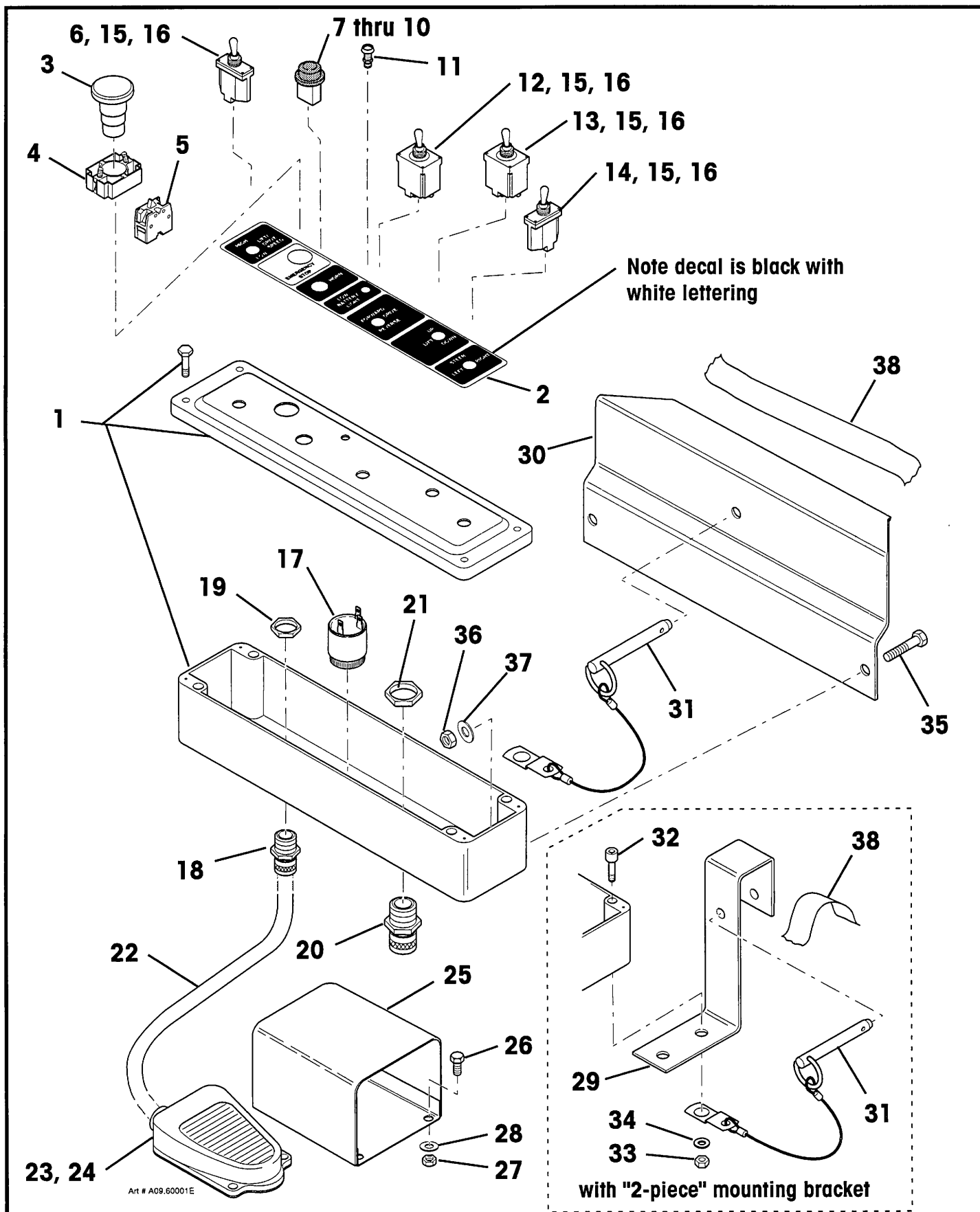
02

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
	353 4710		CONSOLE, PLATFORM CONTROL (Type 2) Note: The "Type 2" control uses a decal with White lettering on a Black background. See Parts Plate 09.57 for "Type 1" control, which has black lettering on a white decal.	
1			BOX, JUNCTION (13-1/4" x 3-1/8" x 2-5/8". Includes cover.)	1
	03-436400		Undrilled box. Must be drilled to fit this application.	1
	231 5330		Drilled to fit this application. Please specify if drilling for "one piece" mounting bracket 222 4490 is required.	1
2			DECAL, PLATFORM CONTROL (English language) Decal has white lettering on black background, and: area surrounding Emergency Stop button is yellow	1
	10-165000		area surrounding Emergency Stop button is also black (Obsolete style. Replace with Part No.10-165000.)	1
3	No Part No.		area surrounding Emergency Stop button is also black (Obsolete style. Replace with Part No.10-165000.)	1
	03-409800		BUTTON, EMERGENCY STOP (Red, "twist to release" type)	1
	03-706100		BUTTON, EMERGENCY STOP (Red "pull to release" type)	1
4	03-454900		BASE, SWITCH MOUNTING	1
5	03-437300		BLOCK, CONTACT (normally closed)	1
6	03-020400		SWITCH, TOGGLE (Lift/ Drive speed) (2 position, maintained contact, single pole, single throw)	1
7	03-402500		SWITCH, PUSH BUTTON (for optional horn)	1
8	03-402800		PUSH BUTTON (Blue)	1
9	03-402600		BEZEL, PUSH BUTTON	1
10	10-151000		CAP, PUSH BUTTON (Black)	1
11	03-701300		DIODE, BLINKING (for optional "Low battery" indicator) (Red [24 Volt DC])	1
12	03-026800		SWITCH, TOGGLE (Drive) (3 position, momentary contact, double pole)	1
13	03-020500		SWITCH, TOGGLE (Lift) (3 position, momentary contact, single pole)	1
14	03-020500		SWITCH, TOGGLE (Steer) (3 position, momentary contact, single pole)	1
15	03-497900		SEAL, PANEL	4
16	03-506200		SEAL, TOGGLE SWITCH (option)	4

TITLE PLATFORM CONTROL ASSEMBLY, FALCON 2034/ 2548					
SECTION 09.	PLATE NO. 60	PAGE 01	REV. -	DATED 22 NOV., 1993	PART NO. 353 4710


 Simon Aerials Inc.
 10600 West Brown Deer Road
 Milwaukee Wisconsin 53224 USA
 Parts Phone 1-800-47-SIMON
 24 Hr (Machine) 414-362-8280
 Fax 414-355-3172



Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172

TITLE

PLATFORM CONTROL ASSEMBLY, FALCON 2034/ 2548

PART NO. 353 4710

REV. -

DATED 22 NOV., 1993

SECTION

09.

PLATE NO.

60

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PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
17	03-479300		ALARM, TILT (60 to 80 db)	1
18	03-700400		GRIP, CORD (1/2", .236" to .472" dia.)	1
19	03-055500		NUT, CONDUIT LOCK (1/2")	1
20	03-700500		GRIP, CORD (3/4", with .55 to .71" dia. seal)	1
21	03-055600		NUT, CONDUIT LOCK (3/4")	1
22	03-085200		CABLE, ELECTRICAL (SJO, 2 conductor, #16 AWG)	
			(Bulk item, order as needed. 5-1/2 ft [1.7 m] required here)	A.R.
23	03-700700		SWITCH, FOOT OPERATED	1
24	03-465602		MICROSWITCH	1
25	03-612300		GUARD, FOOT SWITCH (Option. Includes hardware)	1
26	07-008354		CAP SCREW, SOCKET HEAD (#10-24 x 1-1/4")	4
27			NUT, HEX (#10-24)	4
28	07-062011		WASHER (#10)	4
29	216 1460		BRACKET, CONTROL CONSOLE (optional with Item 30)	2
30	222 4490		BRACKET, CONTROL CONSOLE (optional with Item 29)	1
31	11-082100		PIN, HITCH (5/16" x 2-1/2", with 6" lanyard)	1
32	07-008354		CAP SCREW, SOCKET HEAD (#10-24 x 1-1/4", Grade 8)	
			(for "two piece" mounting brackets 216 1460)	4
33	07-050011		NUT, LOCK (#10-24, Grade 2) (for bracket 216 1460)	4
34	07-062011		WASHER, FLAT (#10) (for bracket 216 1460)	8
35	07-003006		CAP SCREW, HEX HEAD (1/4"-20 x 1-1/4", Grade 8)	
			(for "one piece" mounting bracket 222 4490)	2
36	07-050014		NUT, LOCK (1/4"-20, Grade 5) (for bracket 222 4490)	2
37	07-060014		WASHER, FLAT (1/4") (for bracket 222 4490)	4
38	10-161900		TAPE, POLYETHYLENE (Pressure sensitive, 1-1/8" wide)	
			(Bulk item, order as needed)	A.R.

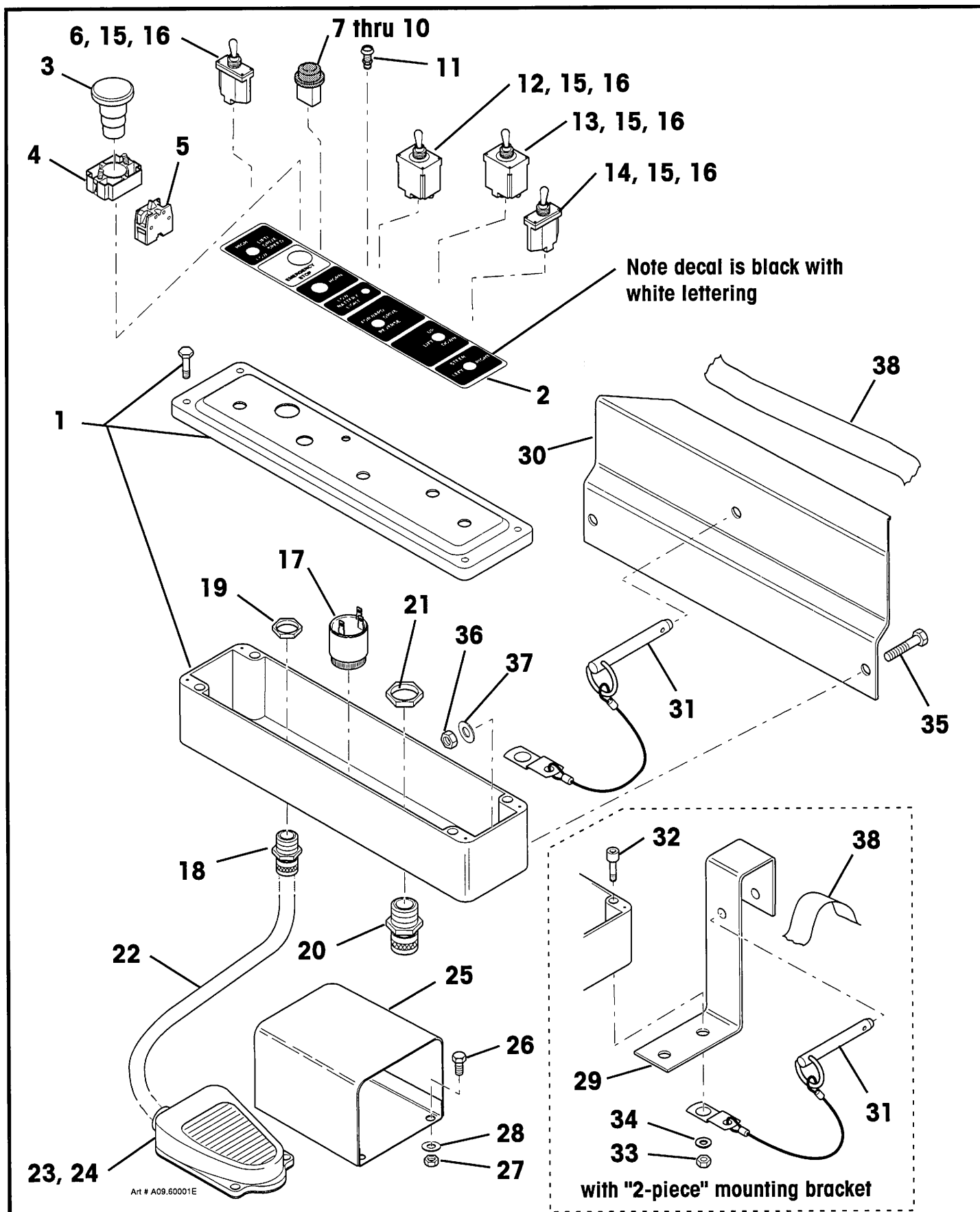
TITLE

PLATFORM CONTROL ASSEMBLY, FALCON 2034/ 2548

SECTION **09.** | PLATE NO. **60** | PAGE **02** | REV. - | DATED 22 NOV., 1993 | PART NO. **353 4710**



Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172



Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172

TITLE

PLATFORM CONTROL ASSEMBLY, FALCON 2034/ 2548

PART NO. 353 4710

REV. -

DATED 22 NOV., 1993

SECTION

09.

PLATE NO.

60

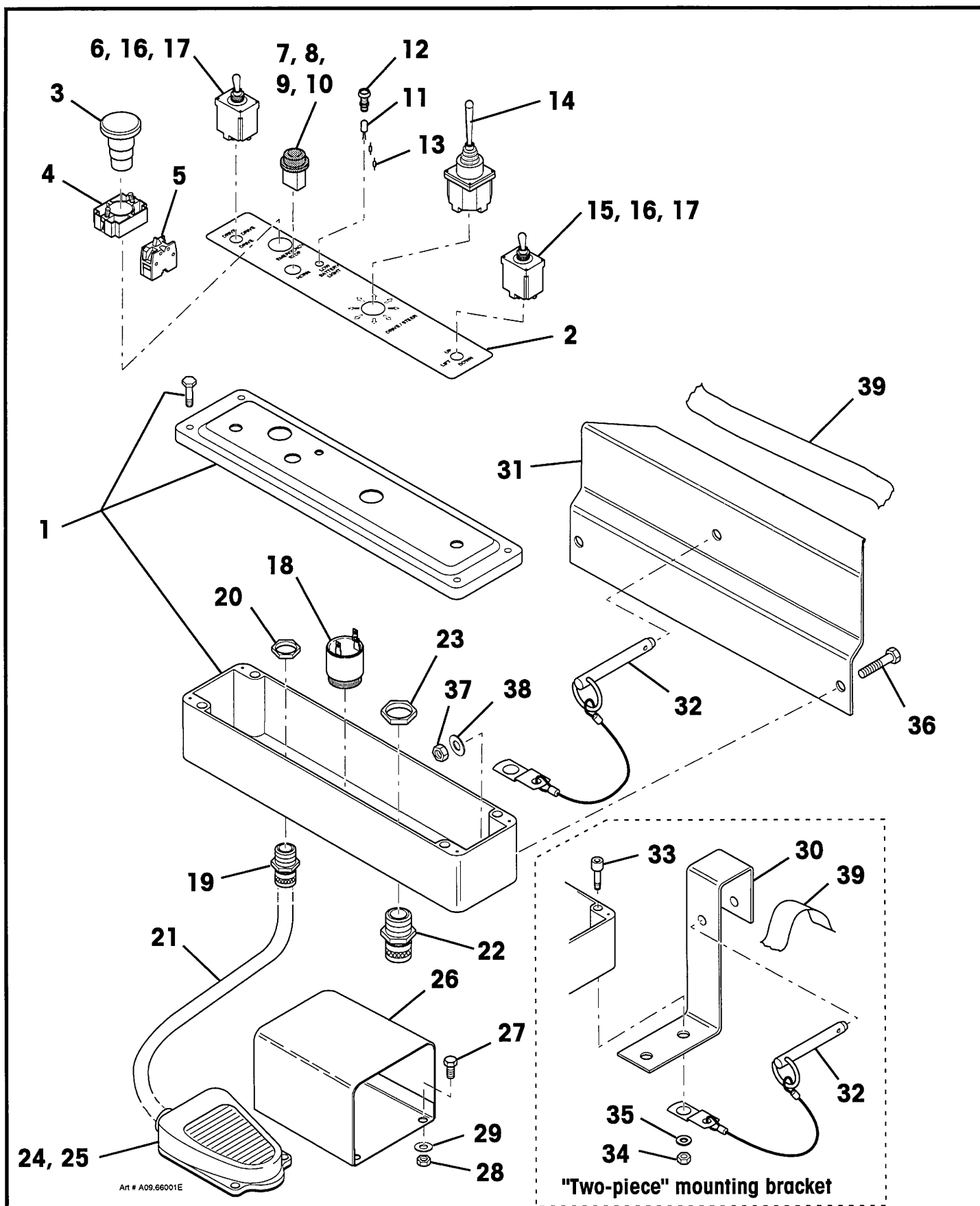
PAGE

02

PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
	No Part No.		CONSOLE, PLATFORM CONTROL "Type 1" control (Decal has Black lettering on White background) (Obsolete version, superceded by "Type 2", below.)	1
	353 7120		"Type 2" control (Decal has White lettering on Black background)	
1			BOX, JUNCTION (13-1/4" x 3-1/8" x 2-5/8". Includes cover.)	1
	03-436400 231 9770		Undrilled box. Must be drilled to fit this application. Drilled to fit "Type 1" application. Please specify if drilling for "one piece" mounting bracket 222 4490 is required.	
	228 9920		Drilled to fit "Type 2" application. Please specify if drilling for "one piece" mounting bracket 222 4490 is required.	
2			DECAL, PLATFORM CONTROL	1
	10-121700 10-169200 10-169500		Black lettering on White background (English language) White lettering on Black background (English language) White lettering on Black background (German language)	
3	03-409800 03-702000		BUTTON, EMERGENCY STOP Red, "twist to release" type Red "pull to release" type	1
4	03-454900		BASE, SWITCH MOUNTING	
5	03-437300		BLOCK, CONTACT (normally closed)	1
6	03-486200		SWITCH, TOGGLE (Lift/ Drive speed)	
			(2 position, maintained contact, double pole)	1
7	03-020300		SWITCH, PUSH BUTTON (for optional horn) for "Type 1" control	1
	03-402500		for "Type 2" control	
8	03-402800		PUSH BUTTON (Blue) (for "Type 2" control)	
9	03-402600		BEZEL, PUSH BUTTON (for "Type 2" control)	
10	10-151000		CAP, PUSH BUTTON (Black) (for "Type 2" control)	
11	03-481200		DIODE, BLINKING (for optional "Low battery" indicator) Red, 1.75 mm (.069") diameter	1
	03-506400		Red, 10 mm (.39") diameter	
12	03-481300		HOLDER, PANEL MOUNT (for 1.75 mm diode)	1
	03-506500		HOLDER, PANEL MOUNT (for 10 mm diode)	1
13	03-481100		RESISTOR (470 Ohm) (for 1.75 mm diode)	2
	03-506600		RESISTOR (100 Ohm, 1/4 Watt) (for 10 mm diode)	2
14	03-704100		SWITCH, JOYSTICK (Drive and Steer)	1
15	03-026800		SWITCH, TOGGLE (Lift) (3 position, momentary contact, double pole)	1
16	03-497900		SEAL, PANEL	2
17	03-506200		SEAL, TOGGLE SWITCH (option)	2
TITLE PLATFORM CONTROL ASSEMBLY (WITH DRIVE LEVER), FALCON 2034/ 2548				
SECTION 09.	PLATE NO. 66	PAGE 01	REV. - DATED 22 MAY, 1996	PART NO.



Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172



Art # A09.66001E



Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172

TITLE

PLATFORM CONTROL ASSEMBLY (WITH DRIVE LEVER),
FALCON 2034/ 2548

PART
NO.

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22 MAY, 1996

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PLATE NO.

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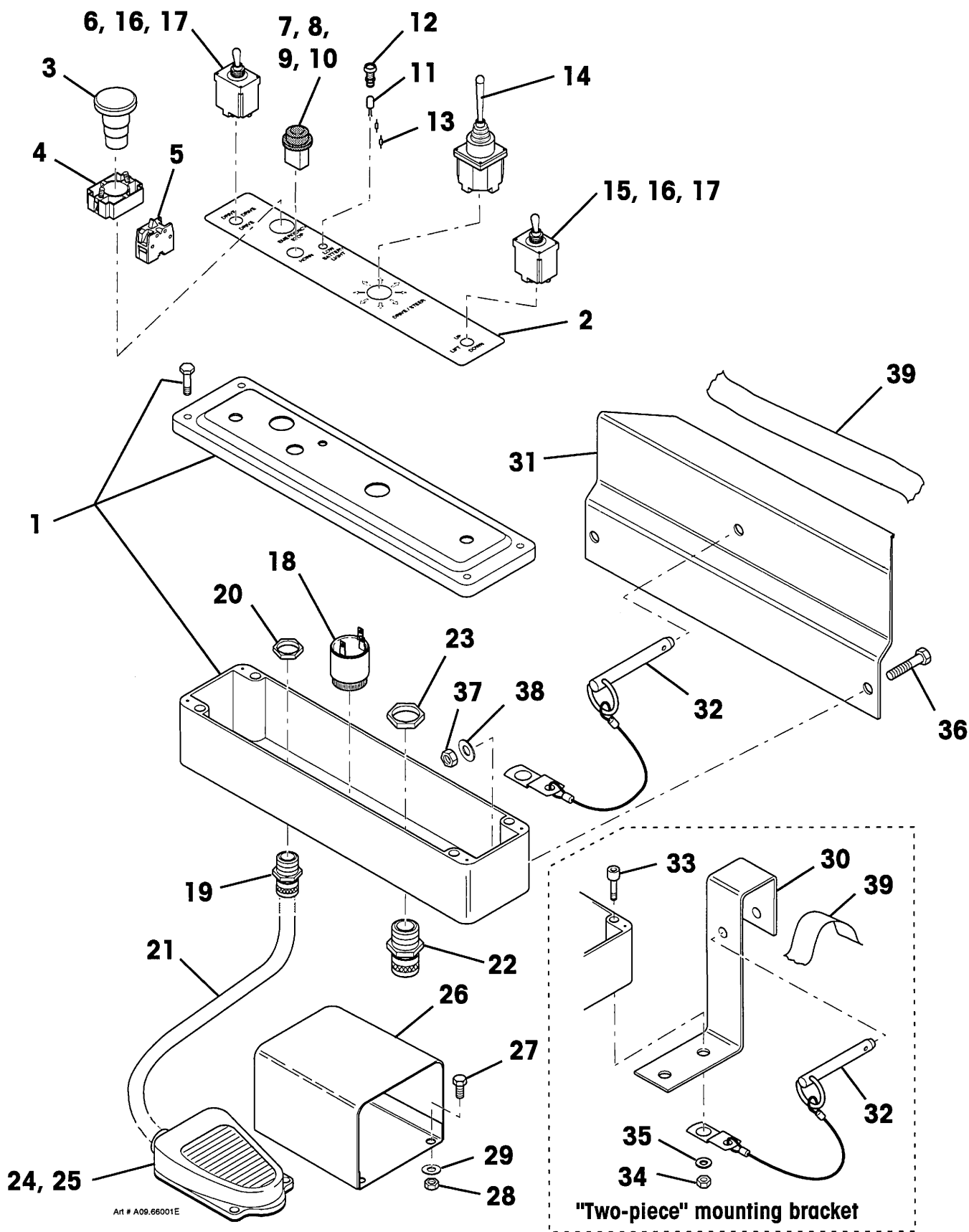
PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
18	03-479300		ALARM, TILT (60 to 80 DB)	1
19	03-045500		GRIP, CORD (1/2", with .31" to .38" dia. seal)	1
20	03-055500		NUT, CONDUIT LOCK (1/2", sealing)	1
21	03-085900		CABLE, ELECTRICAL (SJO, 3 conductor, #12 AWG) (Bulk item, order as needed. 4-1/2 Ft [1.4 M] req'd here)	A.R.
22	03-700600		GRIP, CORD (3/4", with .354" to .629" dia. seal)	1
23	03-055600		NUT, CONDUIT LOCK (3/4")	1
24	03-700700		SWITCH, FOOT OPERATED	1
25	03-465602		MICROSWITCH	1
26	03-612300		GUARD, FOOT SWITCH (Option. Includes hardware)	1
27	07-008354		CAP SCREW, SOCKET HEAD (#10-24 x 1-1/4")	4
28			NUT, HEX (#10-24)	4
29	07-062011		WASHER, FLAT (#10)	4
30	216 1460		BRACKET, CONTROL CONSOLE (earlier versions)	2
31	222 4490		BRACKET, CONTROL CONSOLE (later versions)	1
32	11-082100		PIN, HITCH (5/16" x 2-1/2", with 6" lanyard)	1
33	07-008354		CAP SCREW, SOCKET HEAD (#10-24 x 1-1/4", Grade 8) (for "two piece" mounting brackets 216 1460)	4
34	07-050011		NUT, LOCK (#10-24, Grade 2) (for bracket 216 1460)	4
35	07-062011		WASHER, FLAT (#10) (for bracket 216 1460)	8
36	07-003002		CAP SCREW, HEX HEAD (1/4"-20 x 5/8", Grade 5) (for "one piece" mounting bracket 222 4490)	2
37	07-050014		NUT, LOCK (1/4"-20, Grade 5) (for bracket 222 4490)	2
38	07-060014		WASHER, FLAT (1/4") (for bracket 222 4490)	4
39	10-161900		TAPE, POLYETHYLENE (Pressure sensitive, 1-1/8" wide) (Bulk item, order as needed)	A.R.

TITLE **PLATFORM CONTROL ASSEMBLY (WITH DRIVE LEVER),
FALCON 2034/ 2548**

SECTION **09.** | PLATE NO. **66** | PAGE **01** | REV. **-** | DATED **22 MAY, 1996** | PART NO.

 Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172



Art # A09.66001E

Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172

TITLE

PLATFORM CONTROL ASSEMBLY (WITH DRIVE LEVER),
FALCON 2034/ 2548

PART
NO.

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DATED
22 MAY, 1996

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PLATE NO.

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PARTS LIST

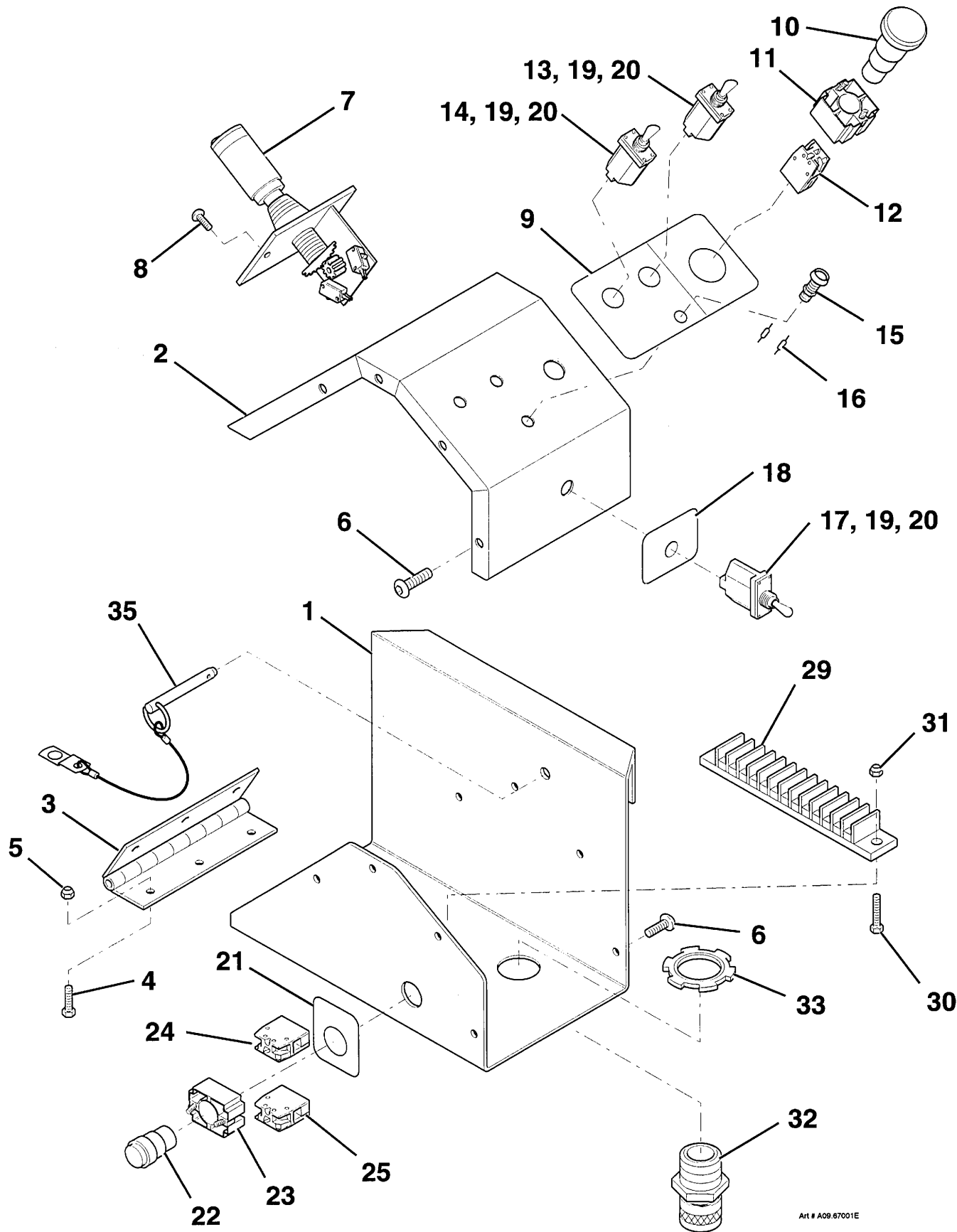
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
	No Part #		CONSOLE, PLATFORM CONTROL (for use with powered Rollout Deck option)	1
1	233 8390		SUBPLATE, PLATFORM CONTROL CONSOLE	1
2	233 8380		COVER, PLATFORM CONTROL CONSOLE	1
3	10-158900		HINGE, PLATFORM CONTROL CONSOLE	1
4	07-011343		MACHINE SCREW, PAN HEAD (#8-32 x 1/2", Grade 2)	7
5	07-050009		NUT, LOCK (#8-32, Grade 5)	7
6	07-090156		SCREW, HEX SOCKET BUTTON HEAD (1/4"-20 x 5/8", Stainless steel)	8
7	03-713400		LEVER, DRIVE CONTROL	1
8	07-011355		MACHINE SCREW, ROUND HEAD (#10-24 x 1", Grade 2)	2
9	10-224200		DECAL, PLATFORM CONTROL	1
10	03-702000		BUTTON, EMERGENCY STOP (Red "pull to release" type)	1
11	03-454900		BASE, SWITCH MOUNTING	1
12	03-437300		BLOCK, CONTACT (normally closed)	1
13	03-020500		SWITCH, TOGGLE (Lift) (3 position, momentary contact, single pole, double throw)	1
14	03-020400		SWITCH, TOGGLE (Lift speed) (2 position, maintained contact, single pole, single throw)	1
15	03-706400		DIODE, BLINKING (Red, for optional "Low battery" indicator)	1
16	03-715400		RESISTOR (680 Ohm, 1/2 Watt)	2
17	03-020500		SWITCH, TOGGLE (Deck extension) (3 position, momentary contact, single pole, double throw)	1
18	10-257900		DECAL, "DECK EXTENSION, OUT/ IN"	1
19	03-497900		SEAL, PANEL	3
20	03-506200		SEAL, TOGGLE SWITCH (option)	3
21	10-255200		DECAL, "POWER SWITCH"	1
22	03-712400		SWITCH, PUSH BUTTON (Power switch)	1
23	03-454900		BASE, SWITCH MOUNTING	1
24	03-437200		BLOCK, CONTACT (normally open)	1
25	03-437300		BLOCK, CONTACT (normally closed)	1
26	03-479300		ALARM, TILT (60 to 80 DB) (option, not shown)	1
27	03-020300		SWITCH, PUSH BUTTON (for optional horn, not shown)	1
28	10-259300		DECAL, "HORN" (with option)	1
29	03-468700		BLOCK, TERMINAL (Solid, 14 conductor, barrier type)	1
30	07-011344		MACHINE SCREW, PAN HEAD (#8-32 x 3/4", Grade 2)	2
31	07-050009		NUT, LOCK (#8-32, Grade 5)	2

TITLE PLATFORM CONTROL ASSEMBLY, FALCON 2034 (PLATE 1 OF 2)

PLATE NO. 09.67 **SIMON AERIALS INC.**

NEW 27 JAN., 1995

PART NO.



Art # A09.67001E

TITLE PLATFORM CONTROL ASSEMBLY, FALCON 2034 (PLATE 1 OF 2)

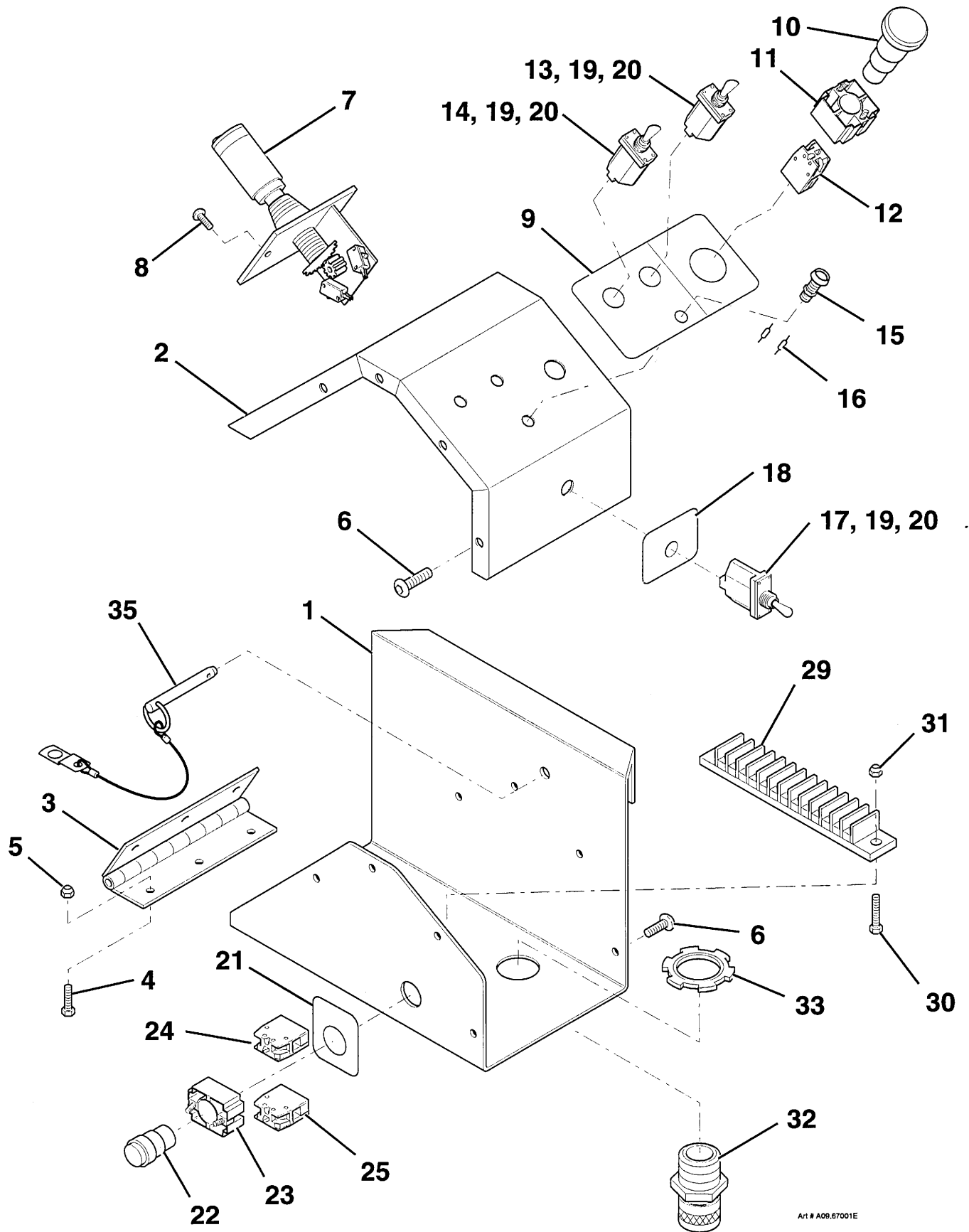
SIMON AERIALS INC.

NEW 27 JAN., 1995

PART
NO.

PLATE
NO. 09.67

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Art # A09.87001E

TITLE PLATFORM CONTROL ASSEMBLY, FALCON 2034 (PLATE 2 OF 2)

SIMON AERIALS INC.

NEW 27 JAN., 1995

**PART
NO.**

**PLATE
NO.** 09.67

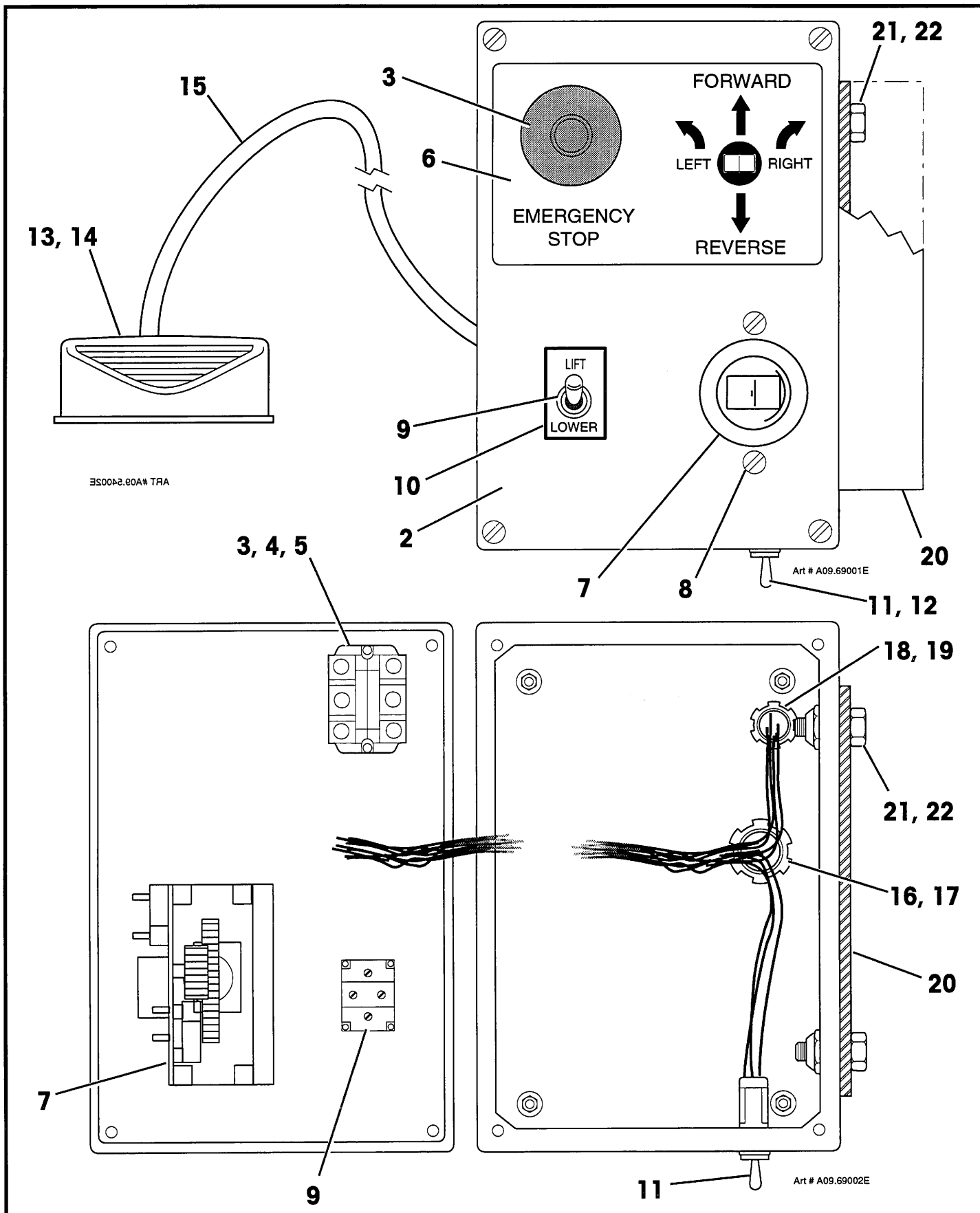
PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	354 7930		PLATFORM CONTROL BOX ASSEMBLY	1
2	223 0020		BOX, PLATFORM CONTROL (Upper control box)	1
3	03-702000		BUTTON, EMERGENCY STOP (Red, "Pull to release" style)	1
4	03-454900		BASE, SWITCH MOUNTING	1
5	03-437300		BLOCK, CONTACT (Normally closed)	2
6	10-156400		DECAL, PLATFORM CONTROL	1
7	03-617500		LEVER, DRIVE CONTROL (Joystick)	1
8	07-013414		MACHINE SCREW, ROUND HEAD (#10-32 x 1/2", Grade 2)	2
9	03-499600		SWITCH, TOGGLE (Lift/ Lower)	
			(2TL1-70; 3 position, momentary contact, single pole)	1
10	10-209500		DECAL, "LIFT/ LOWER"	1
11	03-020400		SWITCH, TOGGLE (Drive speed)	
			(1TL1-2; 2 position, maintained contact, single pole)	1
12	10-205100		DECAL, "HIGH RANGE/ LOW RANGE"	1
13	03-700700		SWITCH, FOOT OPERATED	1
14	03-700701		MICROSWITCH	1
15	03-606000		CABLE, ELECTRICAL (SJO, 2 conductor, #12 AWG) (Bulk item, order as needed. 4 Ft [1.2 M] required here)	A.R.
16	03-700500		GRIP, CORD (3/4", Plastic, for .545" to .708" cable)	1
17	03-055600		NUT, CONDUIT LOCK (3/4")	1
18	03-700400		GRIP, CORD (1/2", Plastic, for .236" to .472" cable)	1
19	03-055500		NUT, CONDUIT LOCK (1/2")	1
20	222 1720		BRACKET, CONTROL BOX MOUNTING (to fit 1-1/2" [38 mm] square rail)	1
21	07-003004		CAP SCREW, HEX HEAD (1/4"-20 x 7/8", Grade 5)	2
22	07-050014		NUT, LOCK (1/4"-20, Grade 5)	2
23	48-101124		TIE, CABLE (3-3/4" [95 mm] long)	A.R.
	48-100126		TIE, CABLE (7-1/4" [184 mm] long)	A.R.
			The following items are not included with the Platform Control Box:	
24	03-601800		ALARM, TILT (option)	1

TITLE **PLATFORM CONTROL BOX (OPTIONAL) , FALCON 2034/ 2548**

SECTION **09.** | PLATE NO. **69** | PAGE **01** | REV. - | DATED **04 JUN., 1996** | PART NO. **354 7930**

 Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172



Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172

TITLE

PLATFORM CONTROL BOX (OPTIONAL) , FALCON 2034/ 2548

PART NO.

354 7930

REV. -

DATED
04 JUN., 1996

SECTION

09.

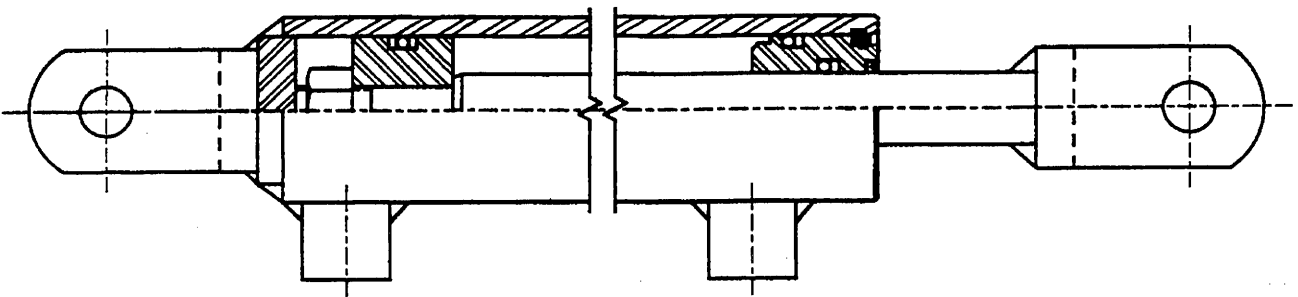
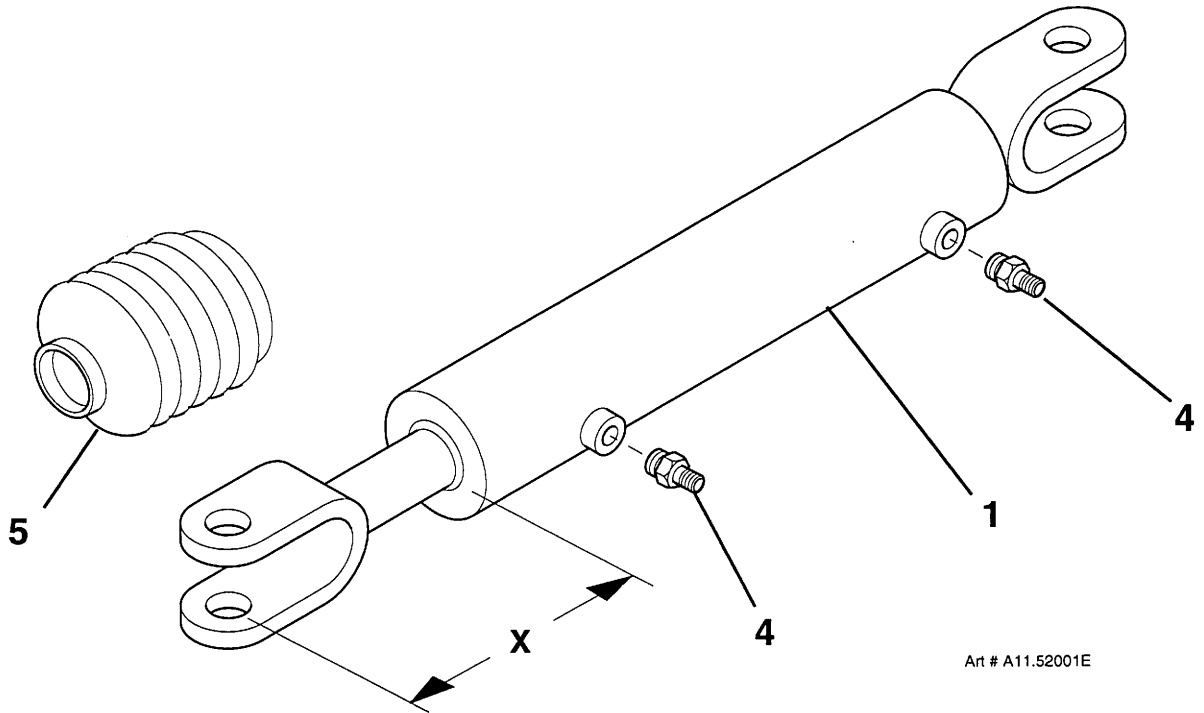
PLATE NO.

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Steer Cylinder Internal Components (Type 1 Cylinder shown)

ART # A11.52002S



Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172

TITLE

STEER CYLINDER, FALCON 2034 OR 2548

PART
NO.

REV. **B**

DATED
30 MAY, 1996

SECTION

11.

PLATE NO.

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PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	04-037500		CYLINDER, LIFT This cylinder can be identified by the Simon Aerials part number "04037500" and the cylinder serial number stamped near the rod end port.	1
2			CASE, CYLINDER	1
3	04-032904		HEAD, CYLINDER	1
4			ROD, CYLINDER	1
5	04-037501		PISTON	1
6	04-032902		NUT, LOCK	1
7	04-032901		SEAL KIT	1
8			WIPER, ROD	1
9			SEAL, ROD	1
10			"O"-RING (Head)	1
11			RING, BACKUP	1
12			"O"-RING (Piston inner)	1
13			RING, BACKUP	2
14			"O"-RING (Piston outer)	1
15			SEAL, PISTON	1
16			RING, PISTON WEAR	1
17	04-037502		BUSHING (2" I.D., 2-1/4" O.D., 1-1/2" long)	4
The following items are not included with cylinder assembly 04-037500:				
18	08-051300		FITTING, GREASE (1/8", 90°)	2
19	08-066300		CAP, GREASE FITTING (white plastic)	2
20	01-225500		FUSE, VELOCITY [4.0 GPM (15 L/ min)(standard)	1
21	01-222400		MANIFOLD, VELOCITY FUSE	1
22	2312480		VALVE, HOLDING (optional in place of velocity fuse)	1
23	01-097505		CARTRIDGE, HOLDING VALVE	1
24	01-097518		SEAL KIT, CARTRIDGE	1
25	01-097507		COIL, HOLDING VALVE CARTRIDGE	1
26	01-221100		"O"-RING (.426 I.D. x .070" dia.)	1
27	01-222401		CONNECTOR, COIL	1
28	06-044300		90° ELBOW, STRAIGHT THREAD (4 C50X-S)	1
29	2174040		ELBOW, ORIFICED (modified 4 C50X-S with .021" orifice)	1
30	06-039300		ADAPTER, "O"-RING TO 37° (4 F50X-S)	1
31	07-098500		CAP SCREW, HEX HEAD (1/4"-20 x 2", Grade 8)	2
32	07-065014		WASHER, HELICAL LOCK (1/4")	2
33	07-062014		WASHER, FLAT (1/4")	2

TITLE LIFT CYLINDER, FALCON 2034 (WITH LINK BOOM)

PLATE NO.

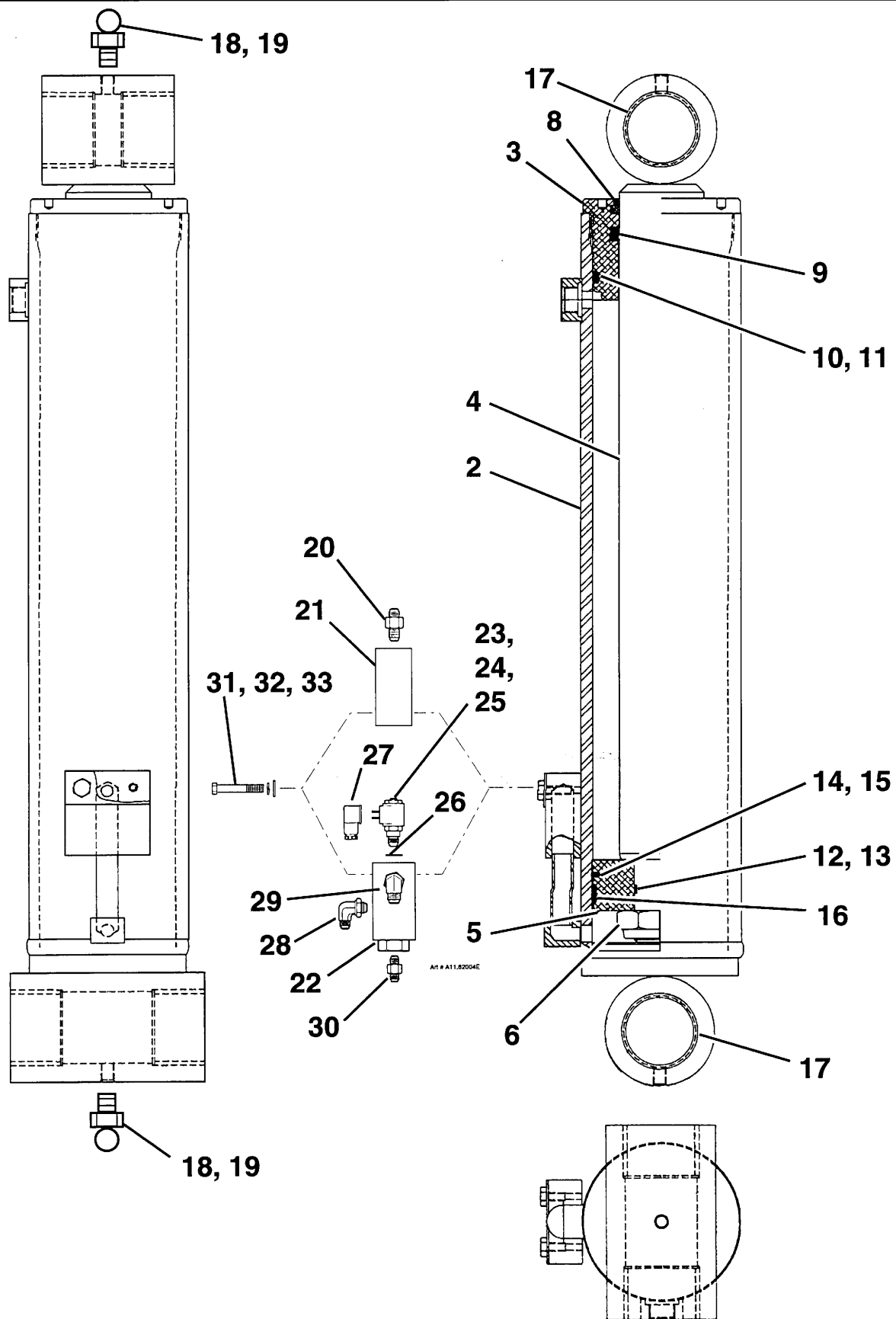
11.62

SIMON AERIALS INC.

REV. 05 OCT., 1993

PART NO.

04-037500



TITLE

LIFT CYLINDER, FALCON 2034 (WITH LINK BOOM)

SIMON AERIALS INC.

REV. 05 OCT., 1993

PART
NO.

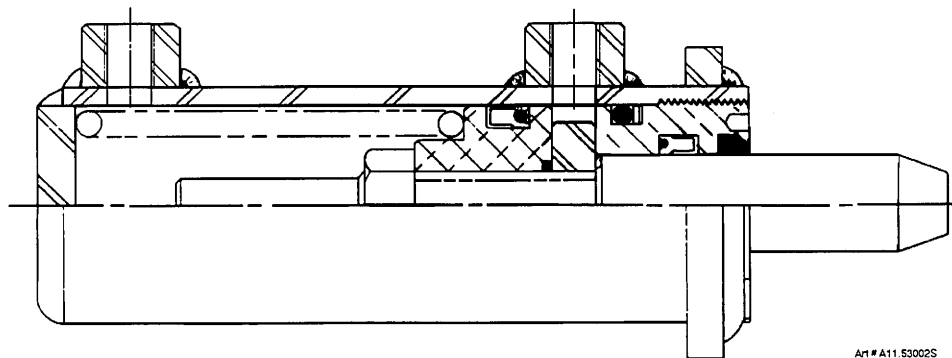
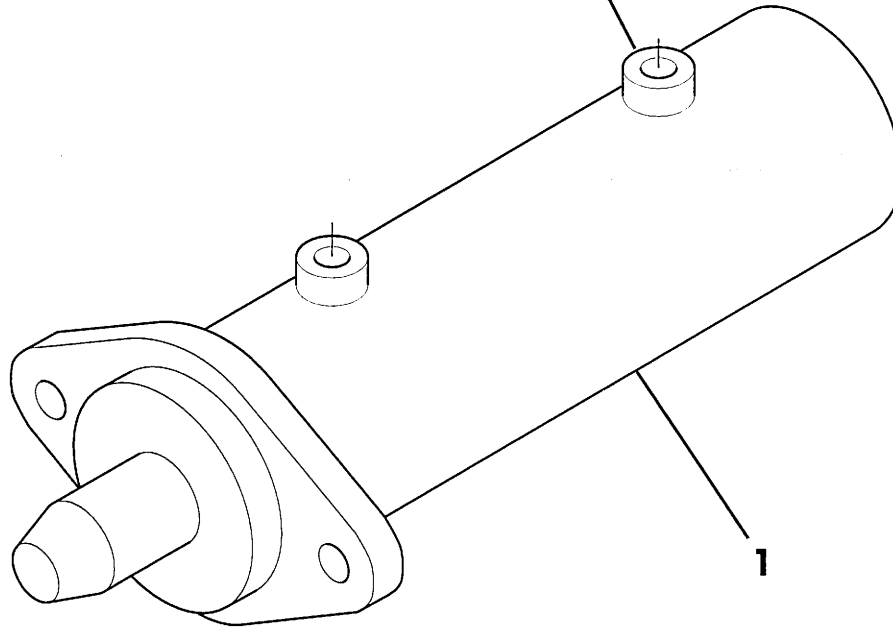
04-037500

PLATE
NO.

11.62

[illegible]

This port at rear on
Cylinder 231 2630.



Brake Cylinder Internal Components



Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172

TITLE **BRAKE CYLINDER, FALCON 2034 AND 2548 (WITH LINK BOOM)**

PART
NO.

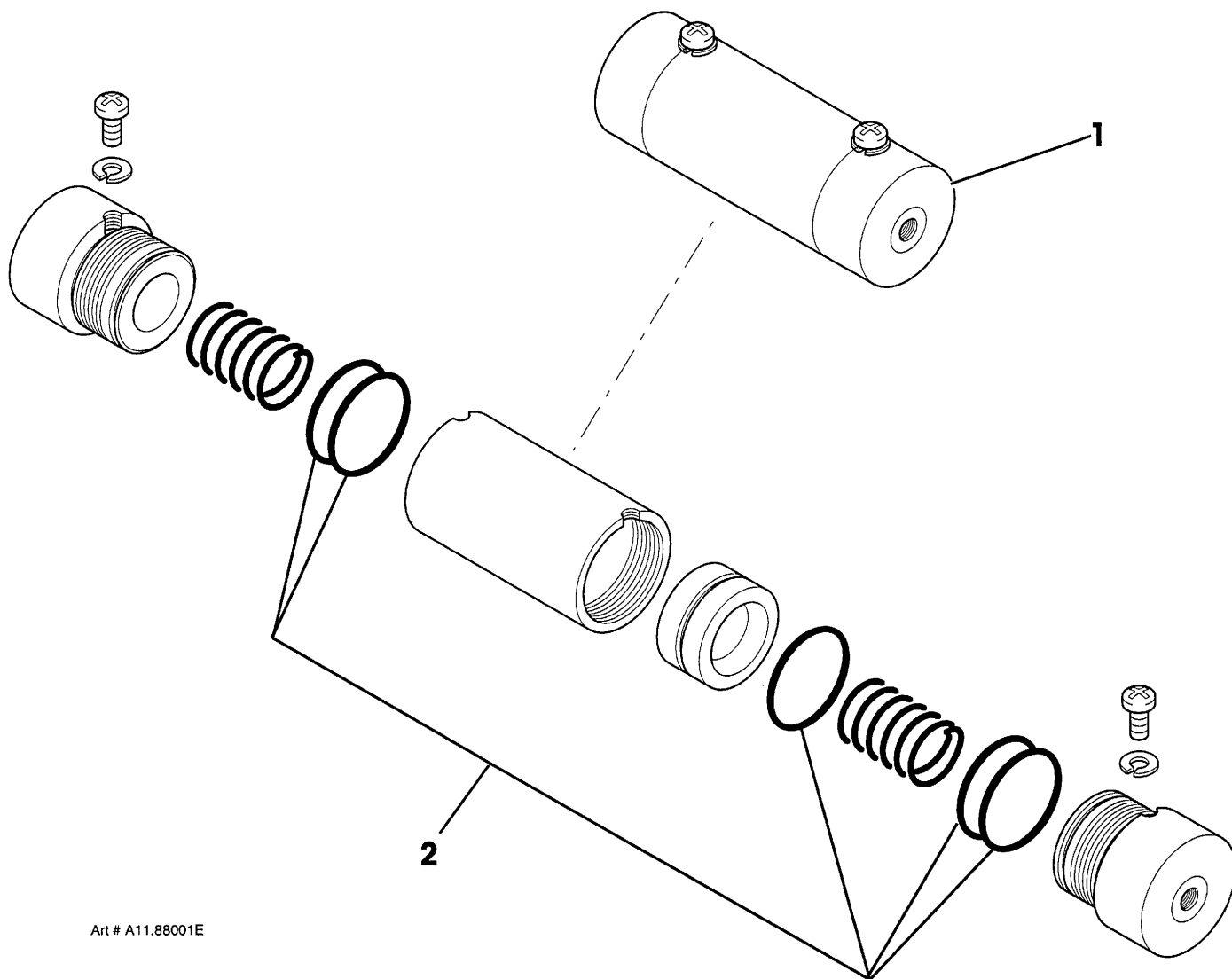
REV. **B** DATED
30 MAY, 1996

SECTION **11.**

PLATE NO. **63**

PAGE **01**

[illegible]



Art # A11.88001E



Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172

TITLE

CUSHION CYLINDER ASSEMBLY

PART NO. **04-033800**

REV. **A** DATED 30 MAY, 1996

SECTION **11.**

PLATE NO. **88**

PAGE **01**

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	01-097400		PUMP AND MOTOR ASSEMBLY Type 1: Electrical connections are made to studs on the top of the motor. (Note: Obsolete: Use Type 2 [01-222500]).	1
	01-222500		Type 2: Wire leads are provided on the side of the motor for electrical connection. Used as a replacement for Type 1 , which is no longer available.	
	01-221000		Type 3: Electrical connections are made to studs on the side of the motor. Identified by pump length ("X") of 4.12" (10.5 cm) (Note: Obsolete: Use Type 4 [01-224200])	
	01-244200		Type 4: Electrical connections are made to studs on the side of the motor. Identified by pump length ("X") of 4.50" (11.4 cm)	
2	01-222501		MOTOR, PERMANENT MAGNET (4 HP [2.98 Kw] @ 3600 RPM, 24 Volt DC) For " Type 1 " Assembly (replaces motor 01-097402, which is no longer available. Old motor has studs on top . Replacement motor has wire leads on side .)	1
	01-222501		For " Type 2 " Assembly. Wire leads are provided on the	
	01-221001		side of the motor for electrical connection For " Type 3 " or " Type 4 " Assembly. Has studs on side for electrical connection	
3	01-097405		BRUSHES, MOTOR BRUSH SET (complete set, for " Type 1 " motor, which has studs on the top .)	1
	01-221002		BRUSH (one only, for " Type 2 ", " Type 3 ", or " Type 4 " motor, which has electrical connections on the side .)	4
4			PUMP ASSEMBLY, TANDEM	1
	01-097406		Length "X" = 4.12" (10.5 cm) . Obsolete . Use Pump Kit 01-244202.	
	01-244202		for " Type 1 ", " Type 2 ", or " Type 3 " Assembly (Pump Kit to replace original Pump 01-097406, which is no longer available. Includes new Pump, Gasket and longer bolts.)	
	01-244201		for " Type 4 " Assembly (length "X" = 4.50" [11.4 cm] .)	
5	01-097401		SEAL, OIL (for Pump 01-224201)	1
6	01-097403		"O"-RING (for Pump 01-224201)	4

TITLE

PUMP AND MOTOR ASSEMBLY, FALCON 2034, 2548

SECTION

12.

PLATE NO.

51

PAGE

01

REV.

A

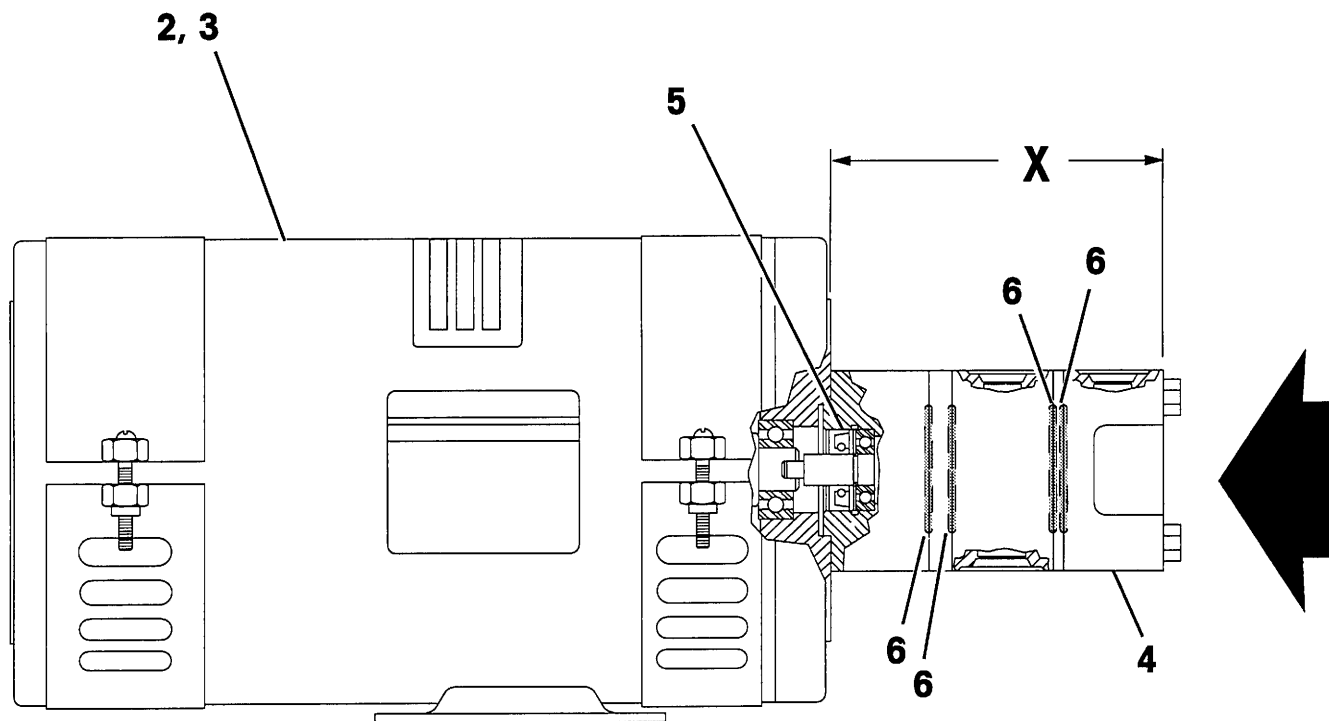
DATED

06 JUN., 1993

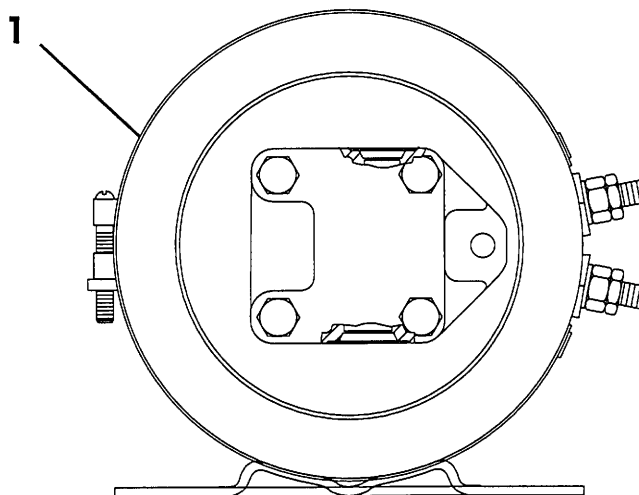
PART NO.



Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172



Art # A12.51007E



Art # A12.51006E

View in direction of Arrow



Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172

TITLE

PUMP AND MOTOR ASSEMBLY, FALCON 2034, 2548

PART
NO.

REV.

A

DATED

06 JUN., 1993

SECTION

12.

PLATE NO.

51

PAGE

01

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
	01-225800		MANIFOLD VALVE ASSEMBLY	
	01-214000		Models with lift cylinder velocity fuse (U.S. and Canada)	1
			Models with holding valve (all except U.S. and Canada)	1
1			BLOCK, VALVE	1
2	01-097504		VALVE, HIGH SPEED (V8) (2 way, normally open)	1
3	01-097516		SEAL KIT, VALVE	1
4			CARTRIDGE, SOLENOID VALVE (V9)	
			2 way, normally closed (includes screen)	
	01-225801		Lower valve for models with velocity fuse (U.S., Canada)	1
	01-214001		Lift valve for models with holding valve (e/ U.S., Canada)	1
5	01-097516		SEAL KIT, VALVE	1
6	01-097520		SCREEN (100 mesh)	1
7	01-097513		DISC, ORIFICE (ORF2) [.047" (1.194 mm)]	1
8	01-221700		VALVE, SEQUENCE (V10)	
			(2500 PSI) (172 Bar) (175.8 kg/ cm ²)	1
9	01-097517		SEAL KIT, SEQUENCE VALVE	1
10	01-097519		VALVE, CHECK (CV1, CV2, CV3, CV4)	
			(10 PSI) (.69 Bar) (.703 kg/ cm ²)	4
11	01-097516		SEAL KIT, VALVE	4
12	01-097510		VALVE, BRAKE RELEASE SHUTTLE (CV5)	1
13	01-097517		SEAL KIT, BRAKE RELEASE SHUTTLE	1
14	01-097509		VALVE, MAIN RELIEF (RV1)	
			(2600 PSI) (179 Bar) (182.8 kg/ cm ²)	1
15	01-097516		SEAL KIT, VALVE	1
16	01-097501		VALVE, STEER (V1) (4 way, 3 position)	1
17	01-097515		SEAL KIT, STEER VALVE	1
18	01-097503		COIL, STEER VALVE SOLENOID (S1 and S2) (24 V DC)	2
19	01-097504		VALVE, STEERING BYPASS (V6) (2 way, normally open)	1
20	01-097516		SEAL KIT, VALVE	1
21	01-097512		VALVE, COUNTERBALANCE (V2 and V3)	
			(2000 PSI) (138 Bar) (140.6 kg/ cm ²)	2
22	01-097517		SEAL KIT, COUNTERBALANCE VALVE	2
23	01-097502		VALVE, DRIVE (V4) (4 way, 3 position)	1
24	01-097515		SEAL KIT, DRIVE VALVE	1
25	01-097503		COIL, DRIVE VALVE SOLENOID (S3 and S4) (24 V DC)	2
26	01-097511		ORIFICE, BRAKE RELEASE (ORF1)	1
27	01-097518		SEAL KIT, BRAKE RELEASE ORIFICE	1
28	01-097505		VALVE, LIFT (V7) (2 way, normally closed)	1
29	01-097516		SEAL KIT, VALVE	1
30	01-097507		COIL, SOLENOID (24 Volt DC)	4

TITLE MANIFOLD VALVE ASSEMBLY, FALCON 2034 (LINK) (PLATE 1 OF 2)

PLATE NO.

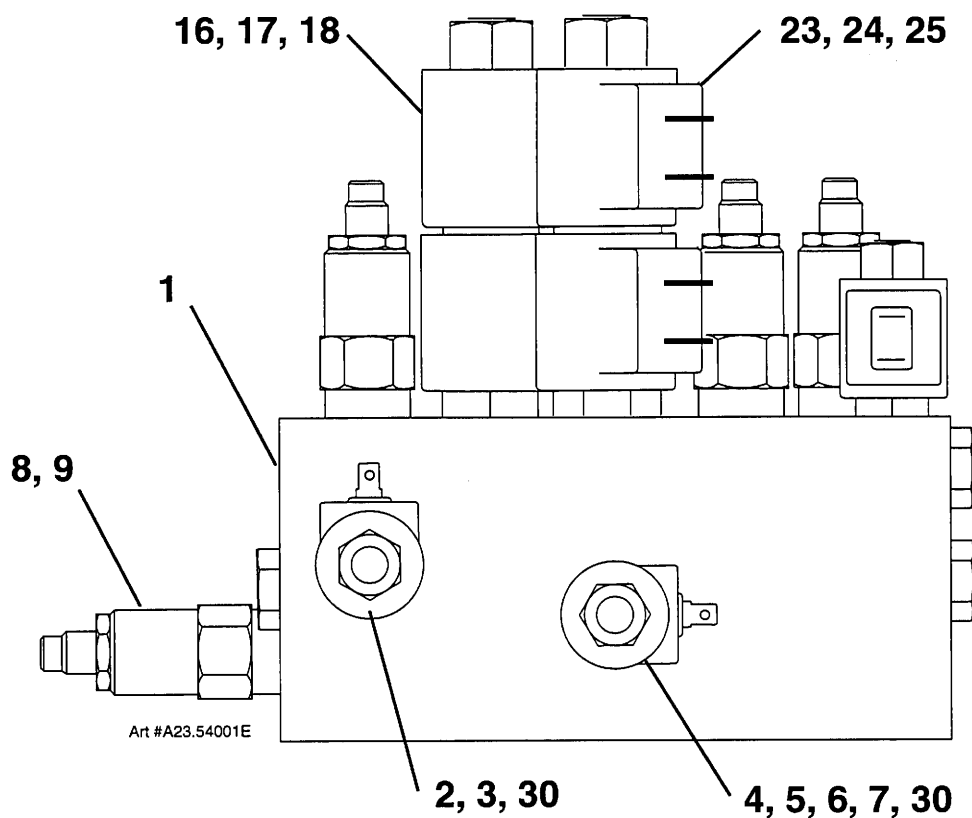
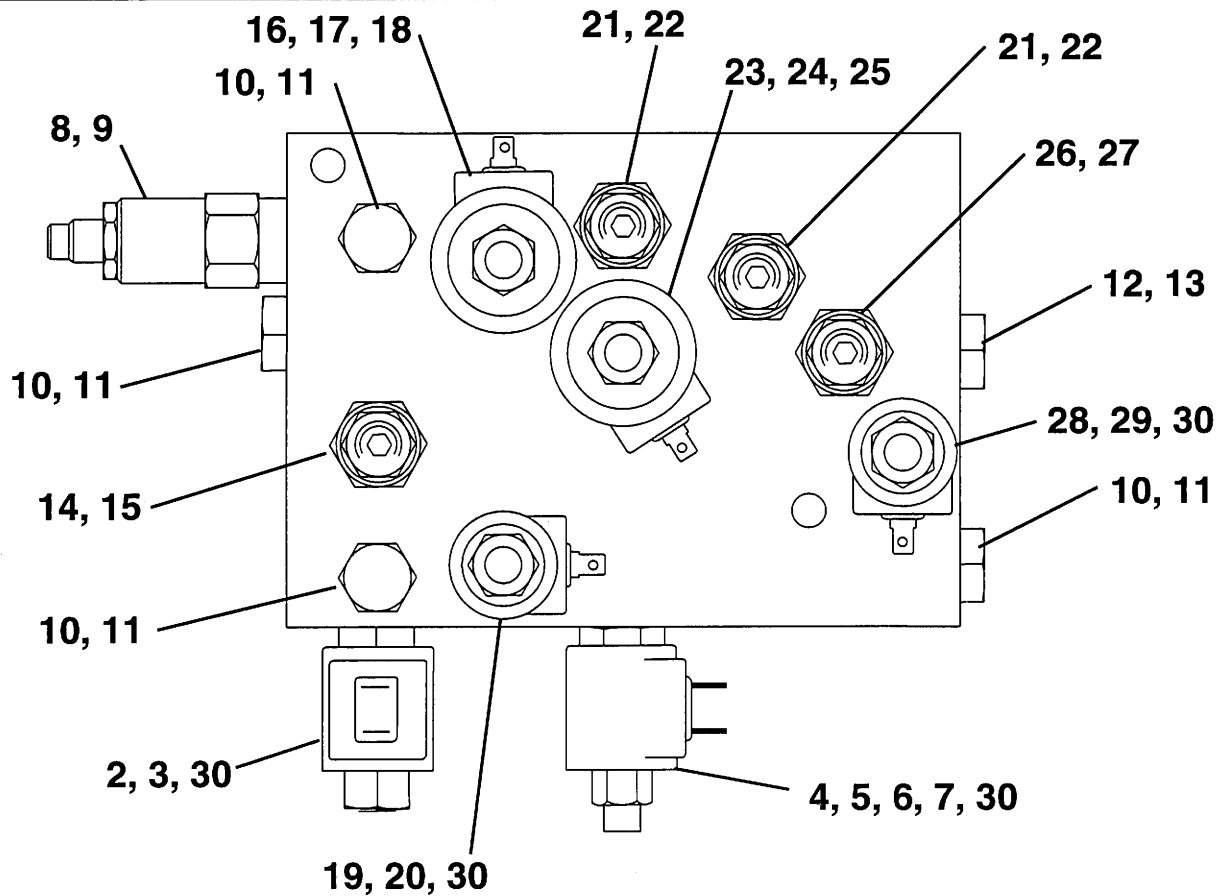
23.54

SIMON AERIALS INC.

NEW 22 APR., 1993

PART NO.

01-214000



TITLE MANIFOLD VALVE ASSEMBLY, FALCON 2034 (LINK) (PLATE 1 OF 2)

SIMON AERIALS INC.

NEW 22 APR., 1993

PART
NO.

01-214000

PLATE
NO.

23.54

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
			The following items are not part of Control Valve Assembly (Ports and fittings not shown. Refer to port identification stamped on valve block):	
			For Port "T":	
31	06-044800		ELBOW, STRAIGHT THREAD (8 C50X-S)	1
32	06-054600		RUN TEE, SWIVEL NUT (8 R6X-S)	1
33	3532880		TUBE ASSEMBLY, HYDRAULIC	1
34	06-057600		NUT, TUBE (8 BTX-S)	1
35	06-060300		REDUCER, TUBE END (8-6 TRTX-S)	1
36	01-018900		VALVE, FLOW CONTROL (#6 SAE)	1
37	3532890		TUBE ASSEMBLY, HYDRAULIC	1
38	06-040200		CONNECTOR, STRAIGHT THREAD (8-6 F50X-S)	2
			For Port "PH":	
39	06-039800		CONNECTOR, STRAIGHT THREAD (6 F50X-S)	1
40	06-051500		90° ELBOW, SWIVEL NUT (6 C6X-S)	1
			For Port "PL":	
41	06-039500		CONNECTOR, STRAIGHT THREAD (4-6 F50X)	1
			For Ports "A" and "B":	
42	06-090300		REDUCER/ EXPANDER (6-4 F50 G5-S)	2
43	06-046800		45° ELBOW, STRAIGHT THREAD (4 V50X-S)	2
			For Ports "C" and "D":	
44	06-039500		CONNECTOR, STRAIGHT THREAD (4-6 F50X)	2
			For Port "E":	
45	06-090300		REDUCER/ EXPANDER (6-4 F50 G5-S)	1
46	06-044300		ELBOW, STRAIGHT THREAD (4 C50X-S)	1
			For Port "F":	
47	06-039500		CONNECTOR, STRAIGHT THREAD (4-6 F50X)	1
48	06-055800		BRANCH TEE, SWIVEL NUT (4 S6X-S)	1
			For Port "G":	
49	06-090300		REDUCER/ EXPANDER (6-4 F50 G5-S)	1
50	06-044300		ELBOW, STRAIGHT THREAD (4 C50X-S)	1
			For Port "H":	
51	06-079800		PLUG, HEX SOCKET (4 HHP-S)	1
52	07-098600		CAP SCREW, HEX HEAD (3/8"-16 x 4-1/2", Grade 5)	2
53	07-065016		WASHER, HELICAL LOCK (3/8")	2
54	07-062016		WASHER, FLAT (3/8")	2

TITLE MANIFOLD VALVE ASSEMBLY, FALCON 2034 (LINK) (PLATE 2 OF 2)

PLATE NO.

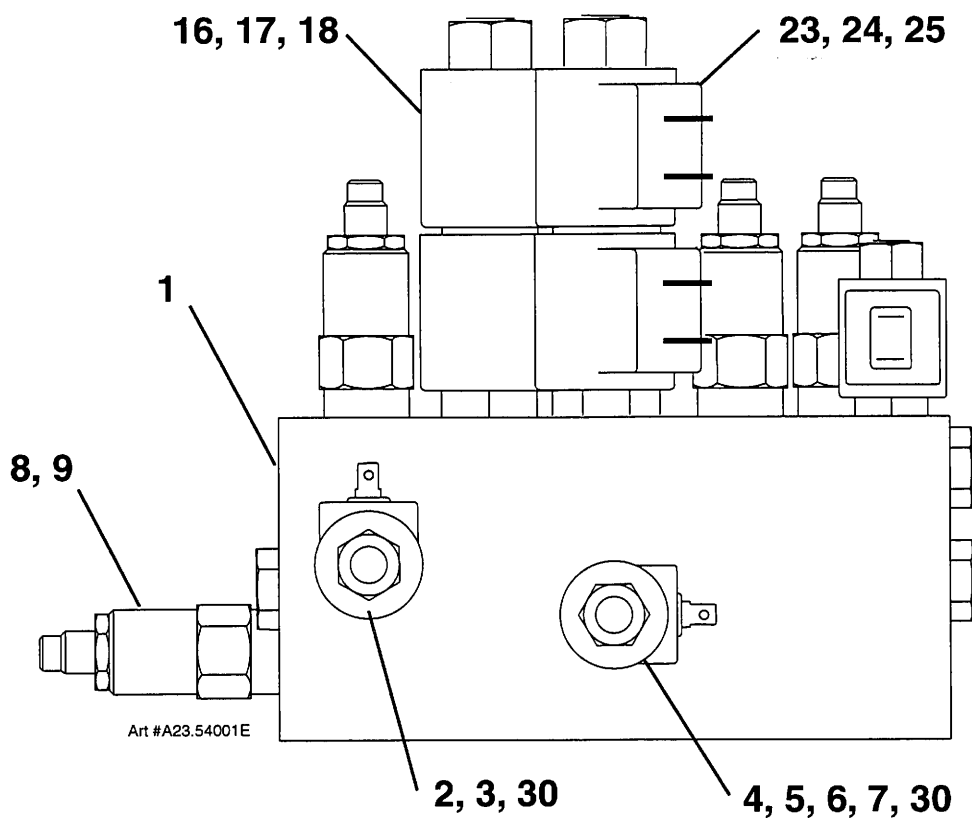
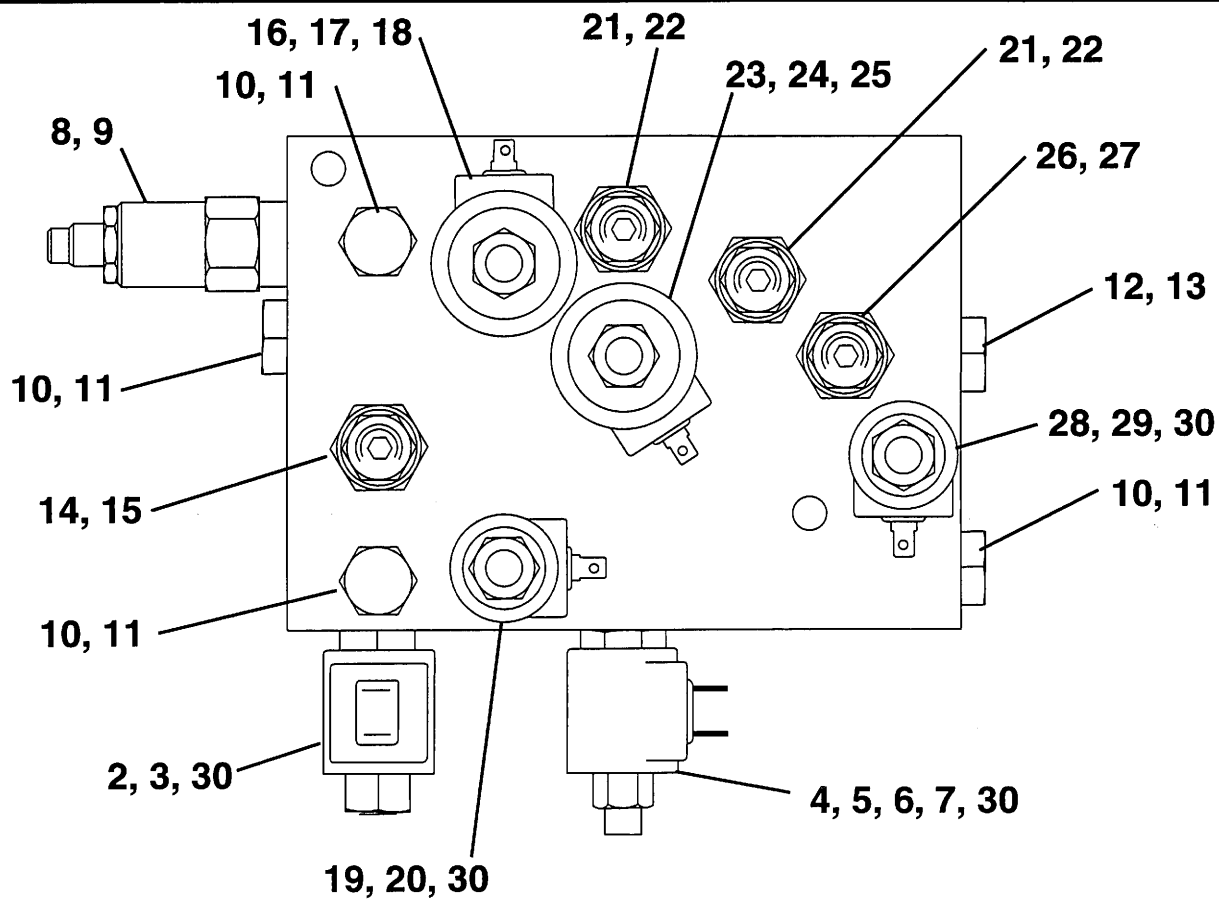
23.54

SIMON AERIALS INC.

NEW 22 APR., 1993

PART NO.

01-214000



Art #A23.54001E

TITLE MANIFOLD VALVE ASSEMBLY, FALCON 2034 (LINK) (PLATE 2 OF 2)

SIMON AERIALS INC.

NEW 22 APR., 1993

PART
NO.

01-214000

PLATE
NO.

23.54

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	2311190		TANK WELDMENT, HYDRAULIC Note: Return pipe exits at top rear of tank. Versions without optional fluid level (sight) gauge or optional suction strainer.	1
	2309110		Versions with optional fluid level (sight) gauge, which mounts on side of tank, and optional suction strainer.	1
2	2310360		TANK WELDMENT, HYDRAULIC (some early versions). Note: Return pipe exits at bottom rear of tank (see insert). Sight gauge mounts on blocks at rear of tank.	1
3	11-082500		PLUG, SQUARE HEAD (1/2" NPT)	1
4	11-082500		PLUG, SQUARE HEAD (1/2" NPT) (some early versions)	1
5	01-211200		STRAINER, SUCTION (option) [100 mesh, 10 GPM (37.8 L/ min)]	1
6	06-211600		ELBOW, HOSE FITTING (used with optional suction strainer)	1
7	06-004100		90° ELBOW, MALE 37° TO NPT (6-8 CTX-S)	1
8	2312490		GAUGE, FLUID LEVEL (with thermometer) (modified)	1
9			90° STREET ELBOW (3/4" NPT)	1
	24100596		90° ELBOW, MALE (1/2" NPT to 3/8" JIC)	1
10	11-300500		BUSHING, FACE (3/4" NPT to 1/2" NPT)	2
11	11-050004		90° ELBOW, FEMALE (3/4 NPT)	1
12	11-020018		NIPPLE, CLOSE (3/4" NPT x 1-3/8" long)	1
13	01-081500		FILTER ASSEMBLY, HYDRAULIC RETURN	
14	01-081501		ELEMENT, FILTER [10 micron, 18 GPM (68 L/ min)]	1
15	06-004400		ELBOW, MALE (8-8 CTX-S)	1
16	01-097800		CAP ASSEMBLY, HYDRAULIC TANK (includes 10 micron filter, breather and strainer)	1
			The following items are not part of the Tank Assembly:	
17	07-003027		CAP SCREW, HEX HEAD (5/16"-18 x 1-1/2", Grade 5)	4
18	07-062015		WASHER, FLAT (5/16")	8
19	07-050015		NUT, LOCK (5/16"-18, Grade 5)	4

TITLE HYDRAULIC TANK, FALCON 2034 (WITH LINK BOOM)

PLATE NO. 24.56 SIMON AERIALS INC.

NEW 11 MAY, 1993

PART NO.

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
	01-097300		MOTOR ASSEMBLY (Motor identification tag reads "RE 24070300")	
1			HOUSING	1
2			BEARING, ROLLER	1
3			BEARING, THRUST	2
4	01-074401		SEAL KIT	1
5			SEAL, CARRIER	1
6			WASHER, THRUST	1
7	01-201601		SEAL KIT	1
8			SEAL, HOUSING (high pressure)	1
9			RING, BACKUP	1
10			SEAL, SHAFT	1
11			SEAL, BACKUP	1
12			SHIM, BACKUP	1
13			RING, SNAP	1
14			SEAL, DUST	1
15			SEAL, BODY	3
16			SEAL, BODY	1
17			NUT	1
18	01-201602		SHAFT	1
19			KEY	1
20			BEARING, ROLLER	1
21			LINK, DRIVE	1
22	01-205418		MANIFOLD	1
23	01-205412		BOOT, MANIFOLD	1
24	01-208101		ROTOR SET ASSEMBLY	1
25	01-205413		PLATE, BALANCE (includes ball checks)	1
26	01-205414		CHECK, BALL (3/16")	4
27			COVER, END	1
28			PLATE, MOTOR IDENTIFICATION (with screws)	1
29			BOLT SET (includes 7 bolts)	1

TITLE

WHEEL MOTOR ASSEMBLY

PLATE
NO.

26.55

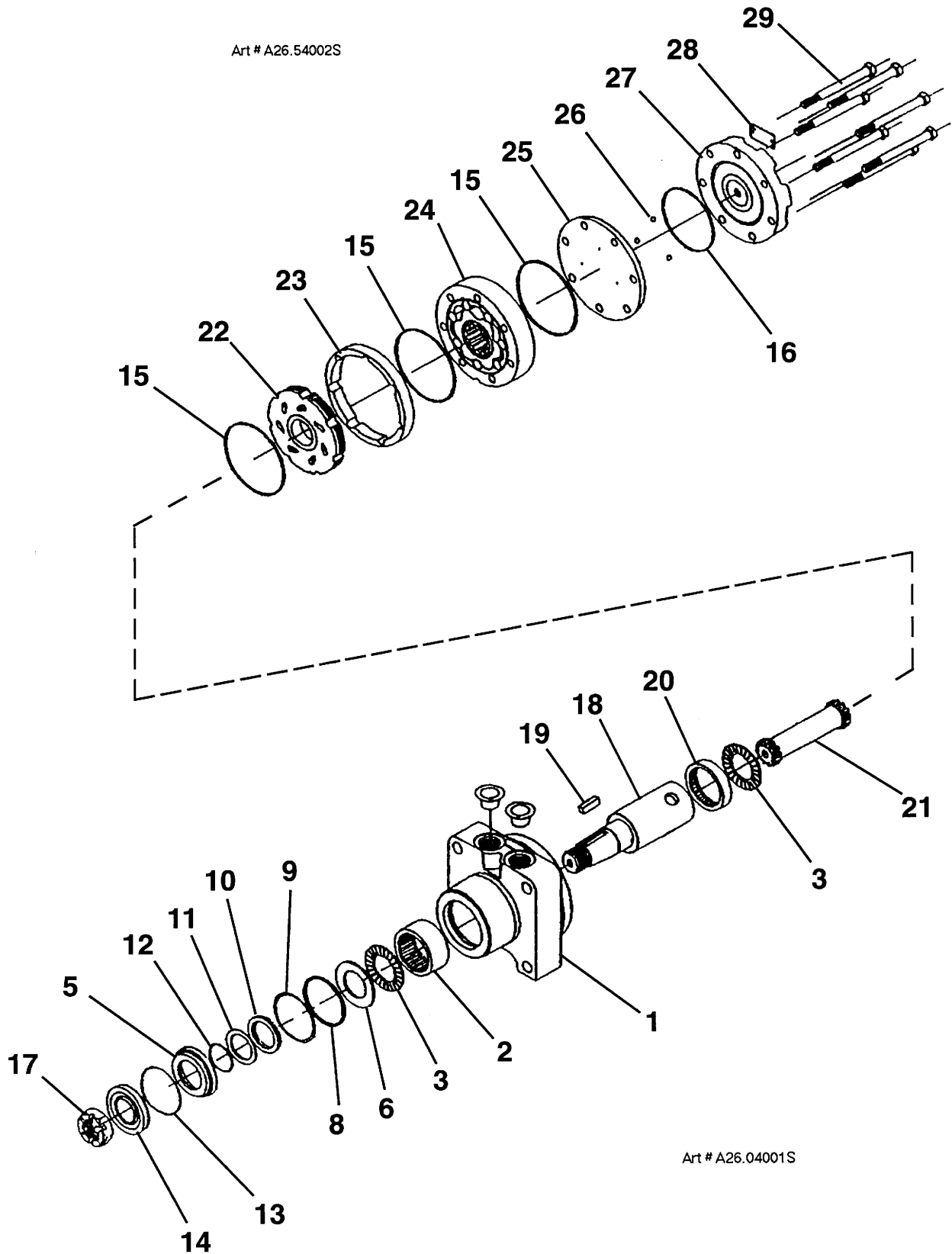
SIMON AERIALS INC.

NEW 23 OCT., 1992

PART
NO.

01-097300

Art # A26.54002S



Art # A26.04001S

TITLE

WHEEL MOTOR ASSEMBLY

SIMON AERIALS INC.

NEW 23 OCT., 1992

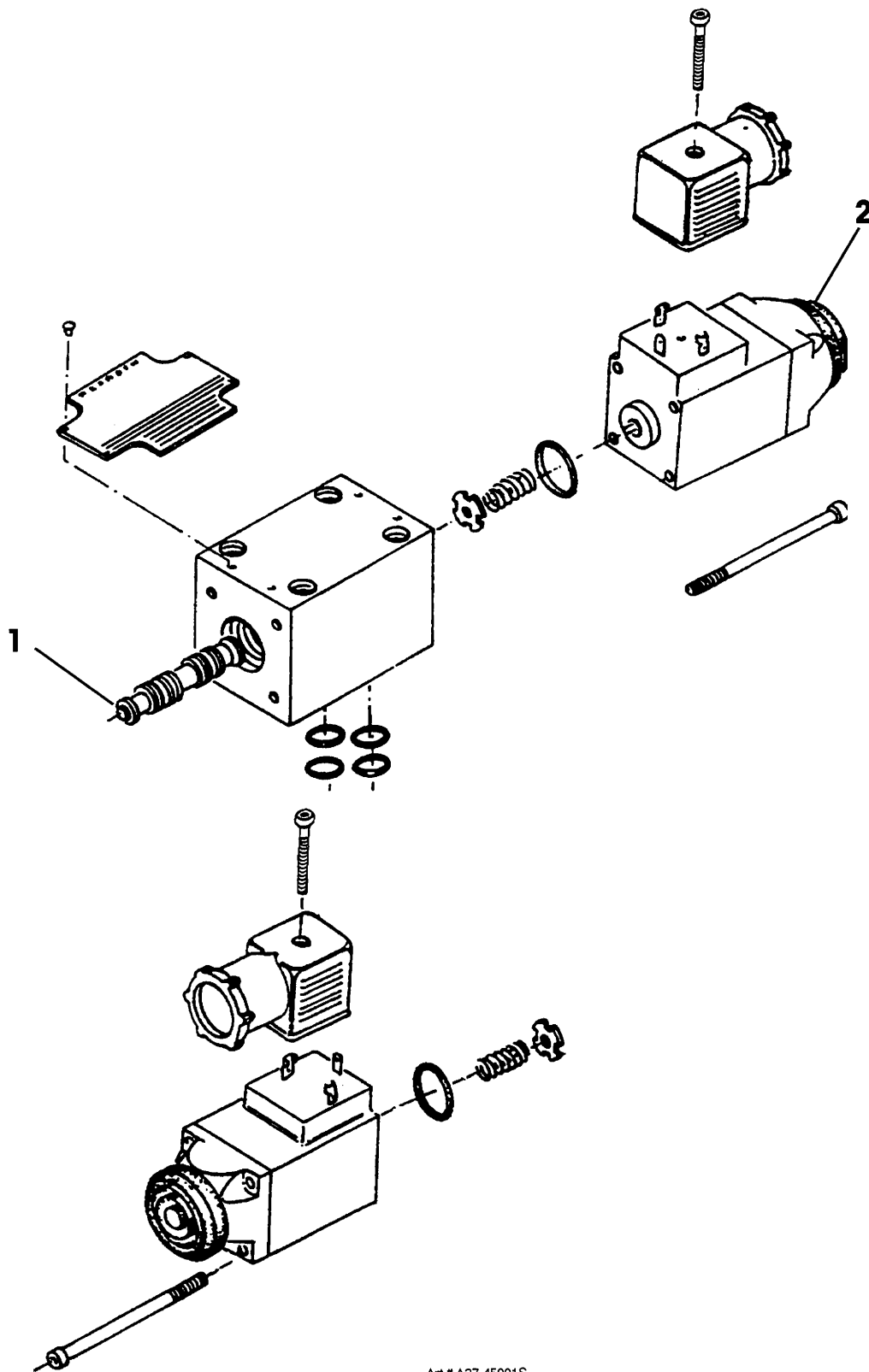
PART
NO.

01-097300

PLATE
NO.

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Art # A27.45001S



Simon Aerials Inc.
10600 West Brown Deer Road
Milwaukee Wisconsin 53224 USA
Parts Phone 1-800-47-SIMON
24 Hr (Machine) 414-362-8280
Fax 414-355-3172

TITLE

DIRECTIONAL SOLENOID VALVE ASSEMBLY, FALCON 2548

PART
NO.

01-205500

REV. **A**

DATED
30 MAY, 1996

SECTION

27.

PLATE NO.

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PAGE

01

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	10-130600		DECAL, "DANGER" (Hazard listing at ground controls)	1
2	10-150700		DECAL, "DANGER" ("Electrocution . . .")	2
3	10-130500		DECAL, "DANGER" (Hazard listing at platform controls)	1
4	10-130300		DECAL, "DANGER" ("Keep away. Pinch points . . .")	2
5	10-148700		DECAL, "Platform capacity 750 Lbs, 340 kg" [4-1/2" (114 mm) wide]	2
6	10-144100		DECAL, "Platform capacity 750 Lbs, 340 kg, 2 occupants" [13-1/4" (336 mm) wide]	1
7	10-142600		DECAL, "Platform extension capacity 250 Lbs, 110 kg" (when equipped with rollout deck option)	1
8	10-157600		DECAL, GROUND CONTROL BOX	1
9	10-166900		DECAL, "EMERGENCY LOWERING" ("The manual lowering valve is . . .") (for standard version with red emergency lowering knob on valve manifold)	1
10	10-141500		DECAL, "EMERGENCY LOWERING" ("Open this cover . . .") (mounted on outside of cover, for versions with optional emergency lowering valve above hydraulic tank)	1
11	10-141400		DECAL, "EMERGENCY LOWERING" ("Use emergency . . .") (mounted on inside of cover, for versions with optional emergency lowering valve above hydraulic tank)	1
12	10-144500		DECAL, "MANUAL BRAKE RELEASE . . ."	1
13	10-151300		DECAL, "HYDRAULIC FLUID ONLY"	1
14	10-156000		DECAL, "MOTOR RELEASE VALVE" (with option)	1
15	10-156100		DECAL, "BRAKE VALVE" (with option)	1
16	10-156200		DECAL, "LOWER VALVE" (for versions with optional emergency lowering valve above hydraulic tank)	1
17			DECAL, PLATFORM CONTROL	
	10-121700		Decal has black lettering on white background	1
	No part #		Decal has white lettering on black background, and: area surrounding Emergency Stop button is also black	1
	10-165000		area surrounding Emergency Stop button is yellow	1
18	10-139800		DECAL, "OPERATOR'S MANUAL ENCLOSED . . ."	1
19	10-083000		DECAL, "SIMON" NAME [Black, 4" (102 mm) high]	3
20	10-129300		DECAL, "FALCON" NAME	2
21	10-129400		DECAL, MODEL "2034"	2
22	10-131000		DECAL, SIMON "S" LOGO [Orange/ Gray, 5" (127 mm) wide x 7-1/2" (191 mm) high]	1
23	10-131900		DECAL, SIMON "S" LOGO [Orange/ Gray, 9" (221 mm) wide x 13-1/2" (344 mm) high]	1
24	10-126800		DECAL, STRIPING [(4) Orange stripes, 3-3/4" (95 mm) wide] [Bulk item, order as needed. 15.5 Ft (4.7 M) needed here.]	A.R.
25	10-121600		DECAL, "MADE IN U.S.A."	1

TITLE

DECALS, FALCON 2034 (WITH LINK BOOM)

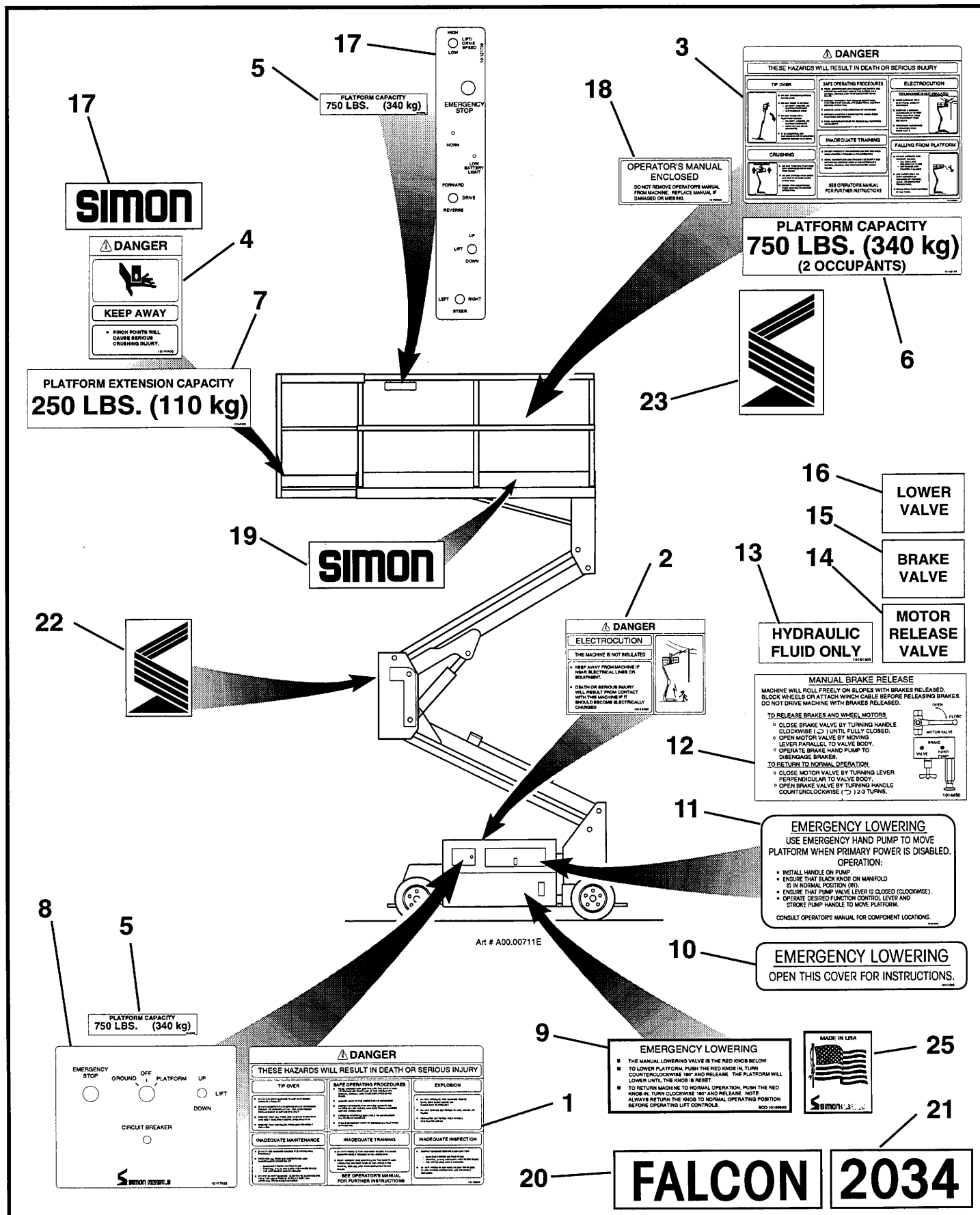
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SIMON AERIALS INC.

NEW 29 JUN., 1993

PART
NO.



TITLE

DECALS, FALCON 2034 (WITH LINK BOOM)

SIMON AERIALS INC.

NEW 29 JUN., 1993

PART
NO.

PLATE
NO.

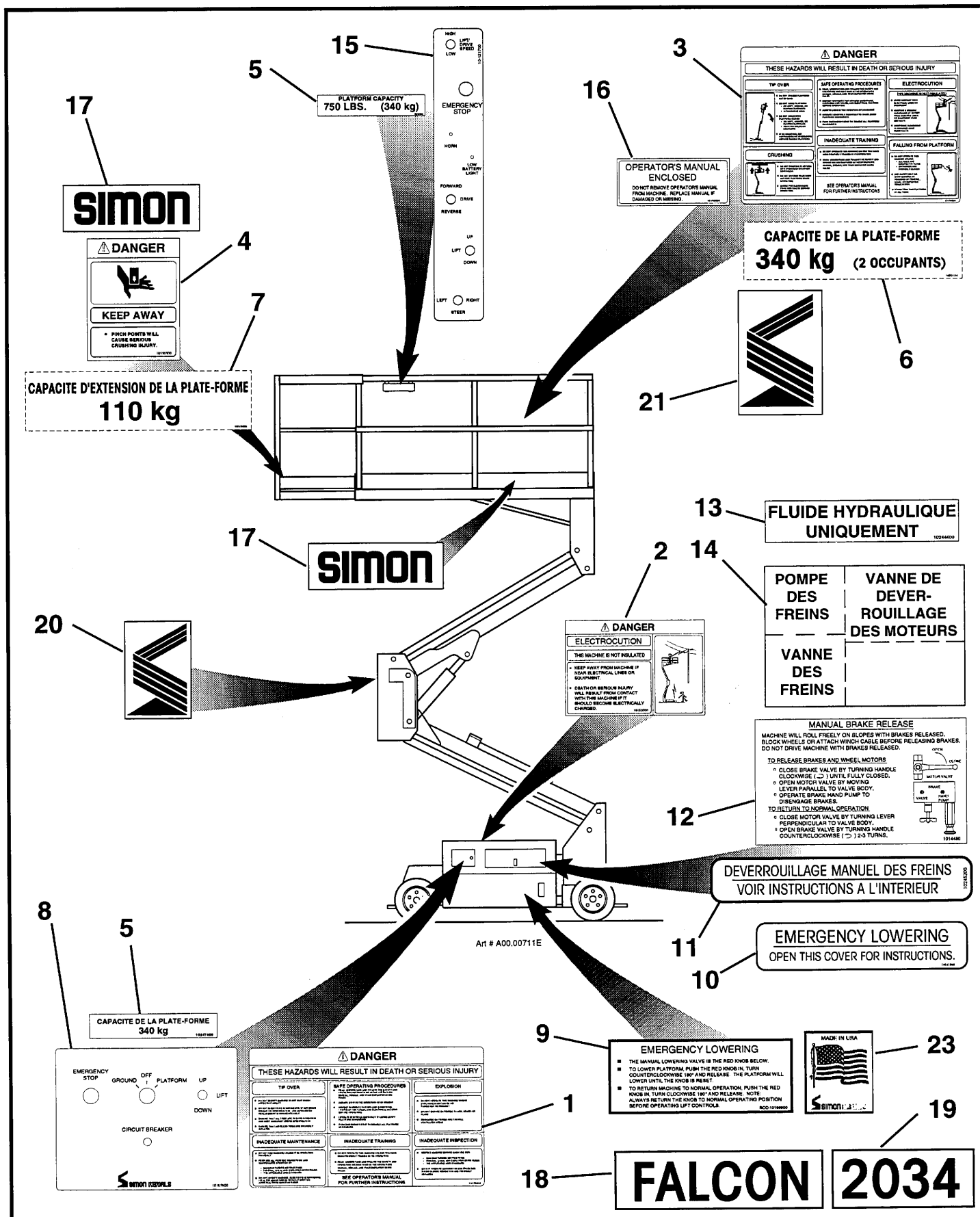
99.59

PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	10-141100		DECAL, "NOTABLASS . . . Absenken der Plattform . . ." (Emergency lowering instructions, German language) Note: White lettering on Green background. Earlier versions were Black lettering on White (same part no.).	1
2	10-164000		DECAL, "NOTABLASS . . . Bitte inseitige . . ." (Lowering instructions inside . . ., German language)	1
3	10-140200		DECAL, "ACHTUNG, MANUELLES BREMSLÖSEN . . ." (Danger, manual brake release, German language)	1
4	10-140700		DECAL, "MOTORLÖSEVENTIL . . ." (Hand pump, German language)	1
5	10-141000		DECAL, "NOTABLASSVENTIL . . ." (Hand pump, German language)	1
6	10-135400		DECAL, "Der aufenthalt . . . ist verboten" (Round) (Stay out of operating zone, German language)	2
7	10-146600		DECAL, ". . . Max. Belastung 340 kg, 2 Personen . . ."	1
8	10-148100		DECAL, ". . . Max. Belastung 110 kg, 1 Person . . ." (used on models with optional rollout deck)	1
9	10-162800		DECAL, GROUND CONTROL (German language)	1
10	10-135200		DECAL, PLATFORM OPERATING INSTRUCTIONS (10 steps, German language)	1
11	10-146300		DECAL, PLATFORM CONTROL (German language)	1
12	No Part No.		DECAL, "NOT-AUS" (Round, yellow. Supplied by control manufacturer.) (for optional "all push button" control box)	1
13	No Part No.		DECAL, "HUPE" ("Horn", German language, with symbol.) (Black on Silver. Supplied by control manufacturer) (for optional "all push button" control box)	1
14	10-163900		DECAL, "Bedienungsanleitung Innenliegend . . ." (Operator's manual enclosed . . . German language)	1
15	10-083000		DECAL, "SIMON" NAME [Black, 4" (102 mm) high]	3
16	10-129300		DECAL, "FALCON" NAME	2
17	10-129400		DECAL, MODEL "2034"	2
18	10-131000		DECAL, SIMON "S" LOGO [Orange/ Gray, 5" (127 mm) wide x 7-1/2" (191 mm) high]	1
19	10-131900		DECAL, SIMON "S" LOGO [Orange/ Gray, 9" (221 mm) wide x 13-1/2" (344 mm) high]	1
20	10-126800		DECAL, STRIPING [(4) Orange stripes, 3-3/4" (95 mm) wide] [Bulk item, order as needed. 15.5 Ft (4.7 M) needed here.]	A.R.
21	10-121600		DECAL, "MADE IN U.S.A."	1
22	10-167600		TAPE, SAFETY STRIPE (Yellow/ Black) [3" (76 mm) wide x 36 Yard (33 M) long roll]	1
TITLE DECALS, FALCON 2034 (WITH LINK BOOM) (GERMAN STANDARDS)				
PLATE NO. 99.63		SIMON AERIALS INC.		PART NO.
NEW 30 JUN., 1993				

ITEM	PART NO	SE
1	10-254200	
2	10-245600	
3	10-253600	
4	10-253400	
5	10-247400	
6	10-251100	
7	10-249600	
8	10-229300	
9	10-254700	
10	10-245800	
11	10-245200	
12	10-254400	
13	10-244400	
14	10-245400	
15	10-229100	
16	10-246100	

TITLE DECALS, FA

PLATE NO. 99.71 S



TITLE DECALS, FALCON 2034 (WITH LINK BOOM) (FRENCH LANGUAGE)

SIMON AERIALS INC.

NEW 27 DEC., 1994

PART
NO.

PLATE
NO. 99.71

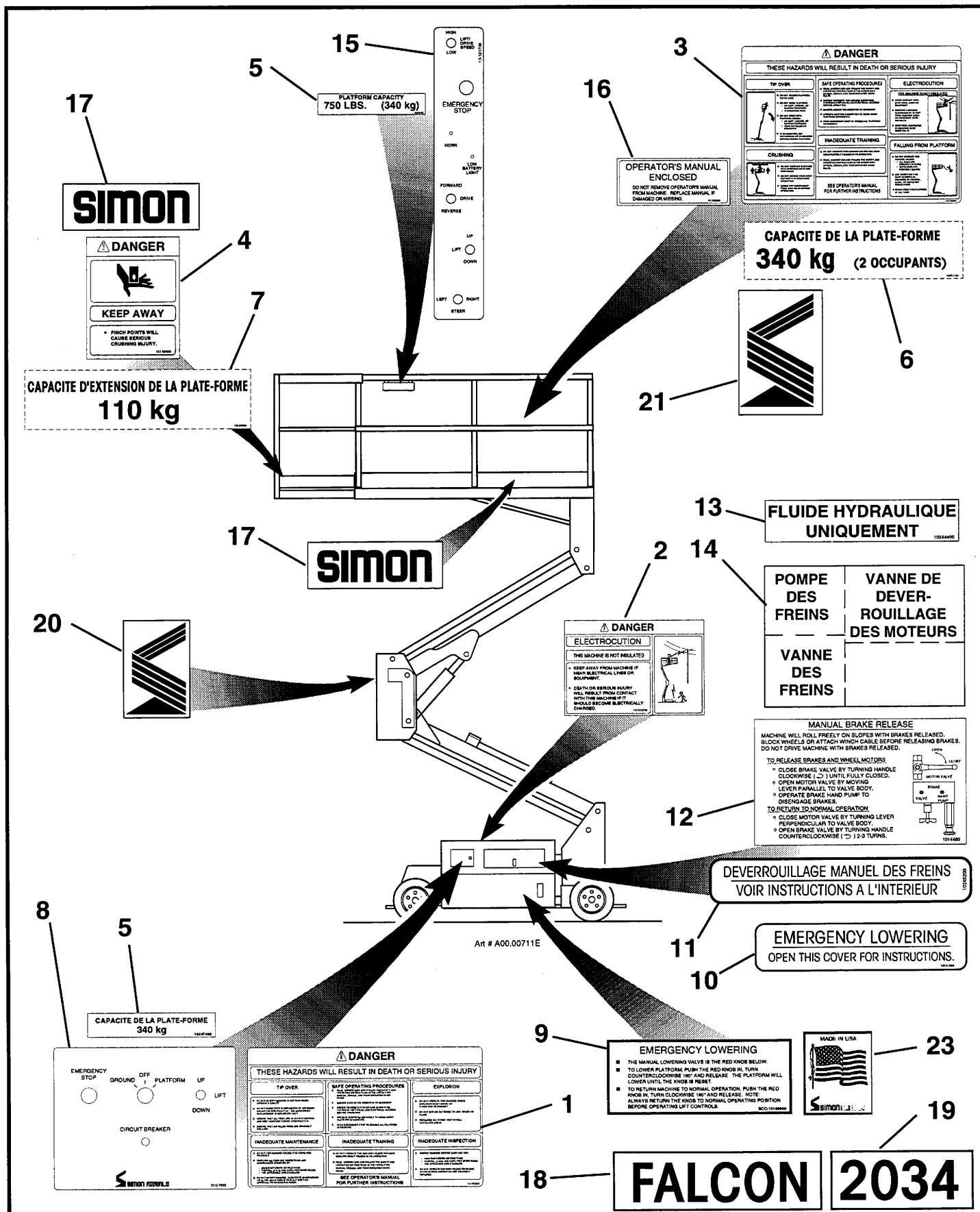
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TITLE DECALS, FALCON 2034 (WITH LINK BOOM) (FRENCH LANGUAGE)

PLATE NO.	99.71	SIMON AERIALS INC.
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NEW 27 DEC., 1994

PART
NO.



TITLE DECALS, FALCON 2034 (WITH LINK BOOM) (FRENCH LANGUAGE)

SIMON AERIALS INC.

NEW 27 DEC., 1994

PART NO.

PLATE NO.

99.71

PARTS LIST

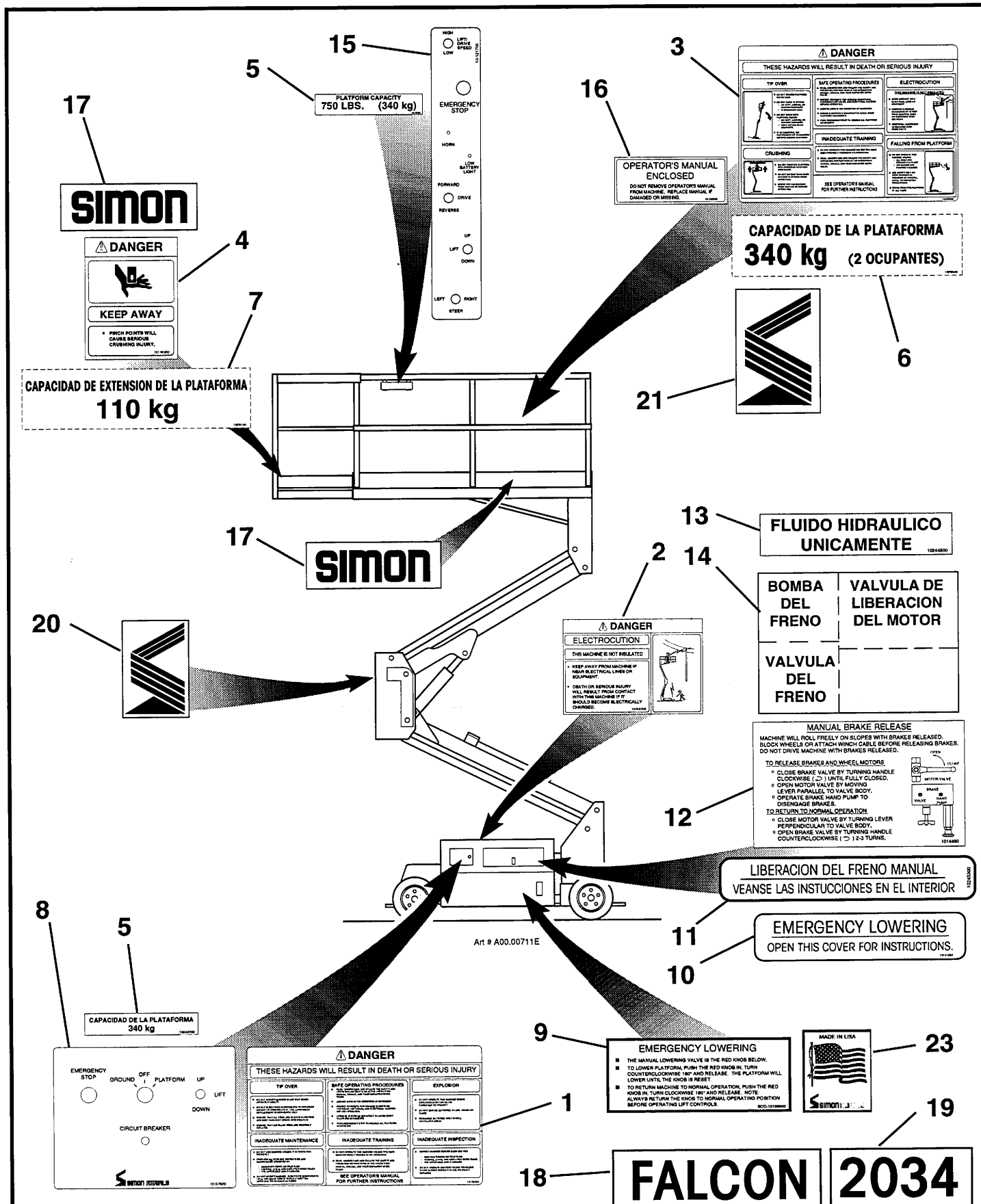
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
			Note: Even though illustration may show English version, Part numbers listed are for Spanish-language versions:	
1	10-254300		DECAL, "PELIGRO; Los peligros que se indican a . . ." (Hazard listing at ground controls, without diagrams)	1
2	10-245700		DECAL, "PELIGRO; Electrocuci3n; Esta maquina . . ." ("Danger, Electrocuti3n . . .", Spanish language)	2
3	10-253700		DECAL, "PELIGRO" "Los peligros que se indican a . . ." (Decal, Hazard listing at platform controls, with diagrams)	1
4	10-253500		DECAL, "PELIGRO" "Mantenerse lejos . . ." ("DANGER. Keep away. Pinch points . . .",)	2
5	10-248700		DECAL, "Capacidad de la plataforma 340 kg" (114 mm [4-1/2"] wide) (750# Platform capacity)	2
6	10-252400		DECAL, "Capacidad de la plataforma 340 kg, 2 ocupantes" (336 mm [13-1/4"] wide) (750# Platform capacity)	1
7	10-250100		DECAL, "Capacidad de extensi3n de la plataforma 110 kg" (250# Deck extension capacity, with rollout deck option)	1
8	10-254600		DECAL, GROUND CONTROL BOX (Spanish language)	1
9	10-254800		DECAL, "BAJADA DE EMERGENCIA MANUAL . . ." (Emergency lowering instructions for standard version with red emergency lowering knob on valve manifold)	1
10	10-245900		DECAL, "BAJADA DE EMERGENCIA; V3anse las . . ." ("Emergency lowering; Open this cover . . .") (mounted on outside of cover, for versions with optional emergency lowering valve above hydraulic tank)	1
11	10-245300		DECAL, "LIBERACION DEL FRENO MANUAL . . ." (Manual brake release; Open this cover . . .")	1
12	10-254500		DECAL, "LIBERACION MANUAL DEL FRENO . . ." (Manual brake release instructions, Spanish language)	1
13	10-244500		DECAL, "FLUIDO HIDRAULICO UNICAMENTE" ("Hydraulic fluid only", Spanish language)	1
14	10-245500		DECAL SET (includes one each of three decals) (with option) "BOMBA DEL FRENO" (Brake pump) "VALVULA DEL FRENO" (Brake release valve) "VALVULA DE LIBERACION DEL MOTOR" (Motor release)	1
15	10-253300		DECAL, PLATFORM CONTROL (Spanish language) Decal has white lettering on black background, and: area surrounding Emergency Stop button is yellow	1
16	10-246200		DECAL, "MANUAL DEL USUARIO ADJUNTO . . ." ("Operator's manual enclosed . . .", Spanish language)	1

TITLE DECALS, FALCON 2034 (WITH LINK BOOM) (SPANISH LANGUAGE)

PLATE NO. 99.72 **SIMON AERIALS INC.**

NEW 27 DEC., 1994

PART NO.



TITLE DECALS, FALCON 2034 (WITH LINK BOOM) (SPANISH LANGUAGE)

SIMON AERIALS INC.

NEW 27 DEC., 1994

PART NO.

PLATE NO. 99.72

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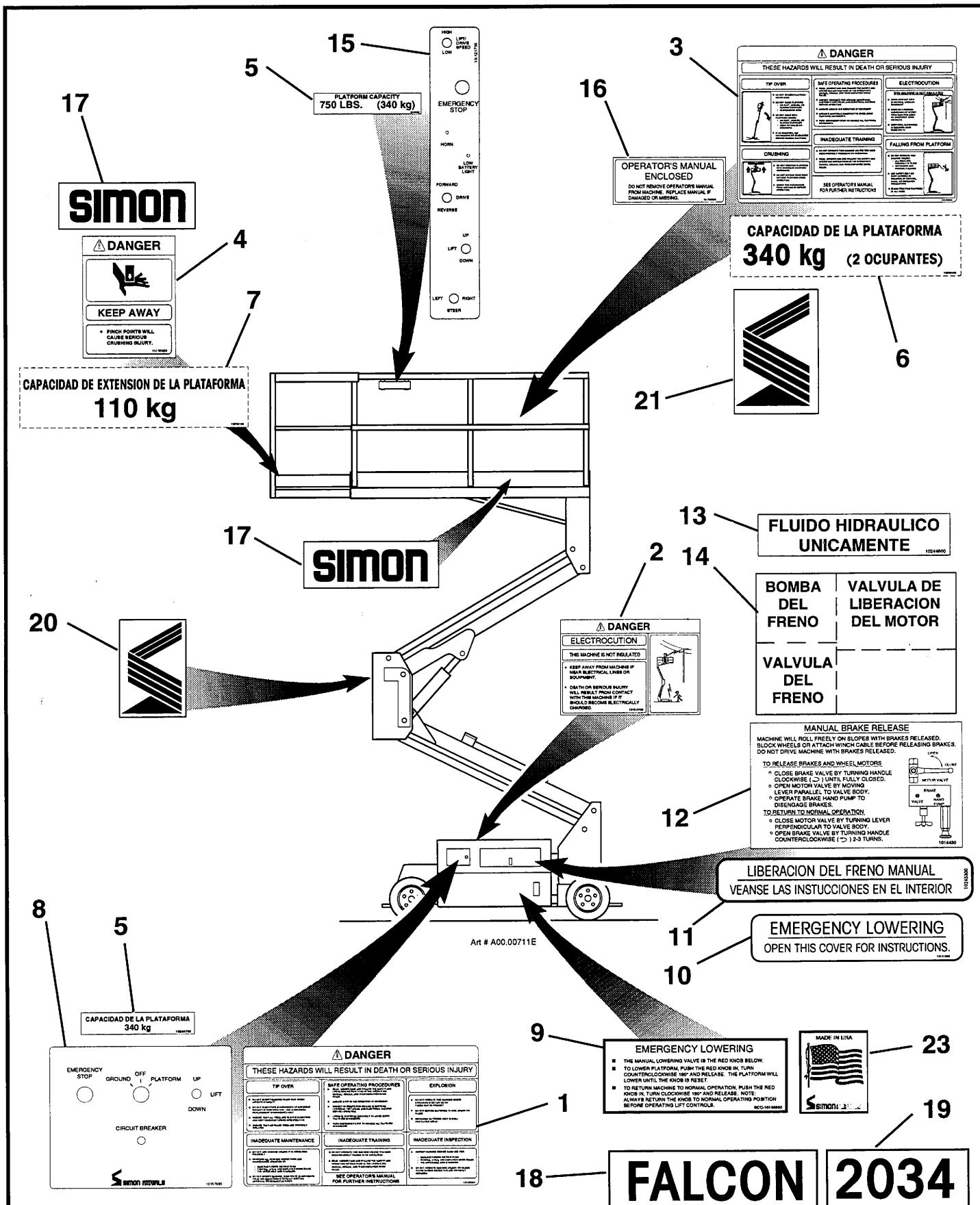
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SIMON AERIALS INC.

NEW 27 DEC., 1994

PART
NO.



TITLE DECALS, FALCON 2034 (WITH LINK BOOM) (SPANISH LANGUAGE)

SIMON AERIALS INC.

NEW 27 DEC., 1994

PART
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PLATE
NO. 99.72