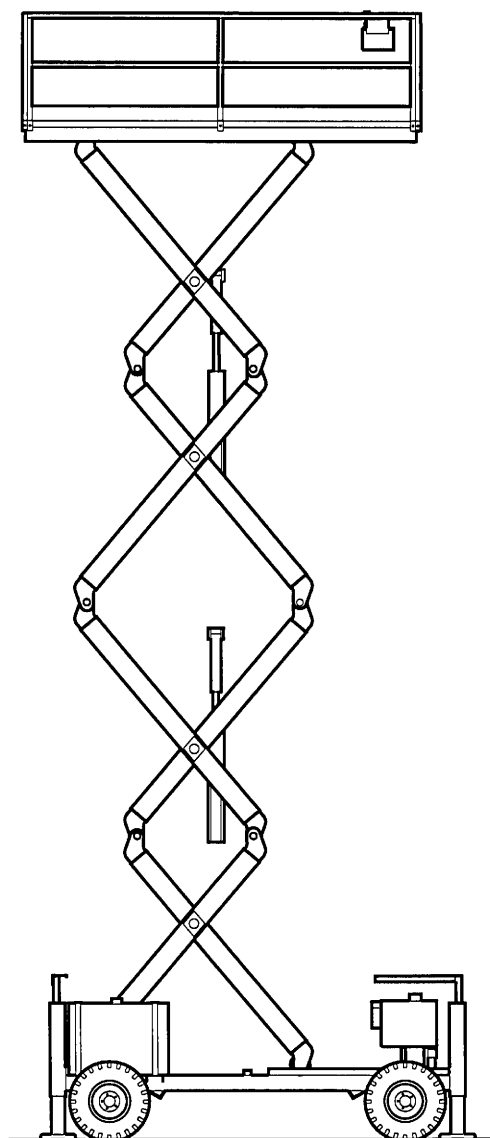


SCISSORS
3020 G; 3020 RT

ILLUSTRATED
PARTS
CATALOG

FOR MACHINE
SERIAL NUMBER



Art # A00.00947E

Part No. 89-923505 • Rev. "0.1", dated January, 1997 •

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INTRODUCTION

This Illustrated Parts Catalog is designed to help you identify and order the correct replacement parts for use on SIMON 3020 G or 3020 RT Scissors. 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 ensure proper OPERATION and reliable 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 3020 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, 4 and 5) 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.

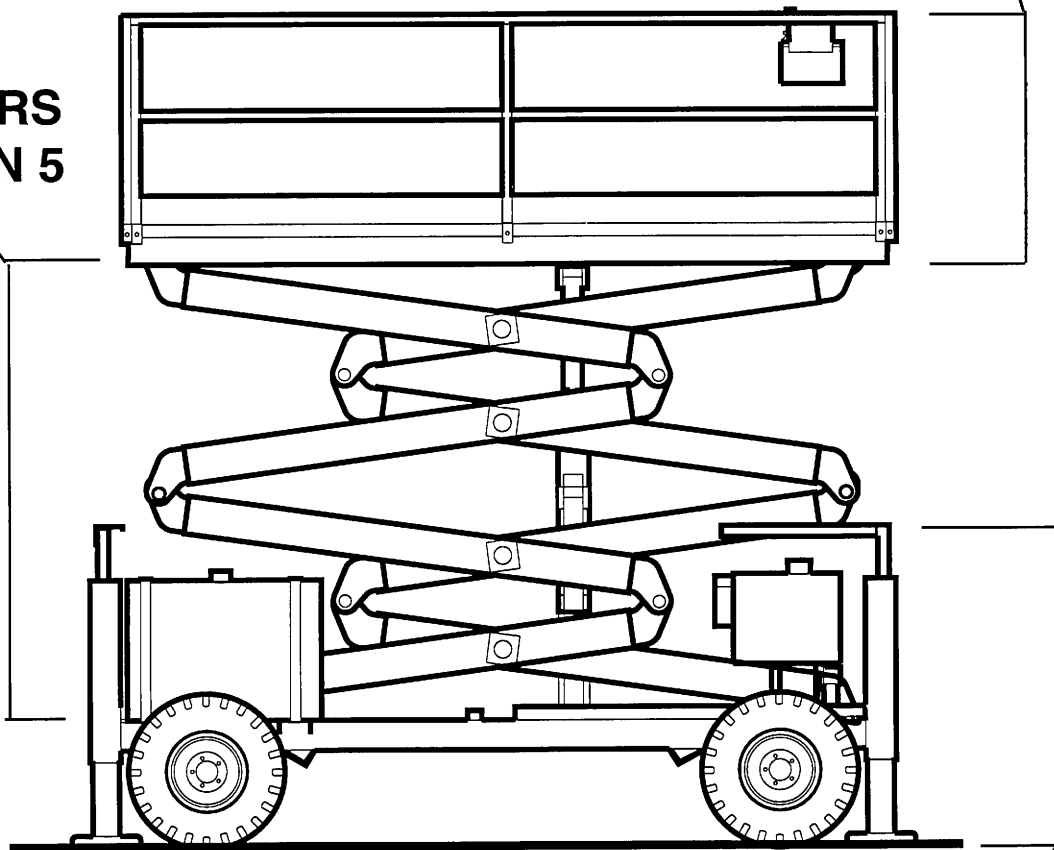
Left and right-hand, front and rear should be determined as though you are standing on the Platform, with the steering wheels to the front. All dimensions are in inches unless otherwise specified.

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.

**SCISSORS
SECTION 5**

**PLATFORM
SECTION 4**



Art # A00.00947E

**UNDERCARRIAGE
SECTION 1**

DESCRIPTION	PART NO.
PRIMARY MACHINE COMPONENT GROUPS	

PARTS LIST

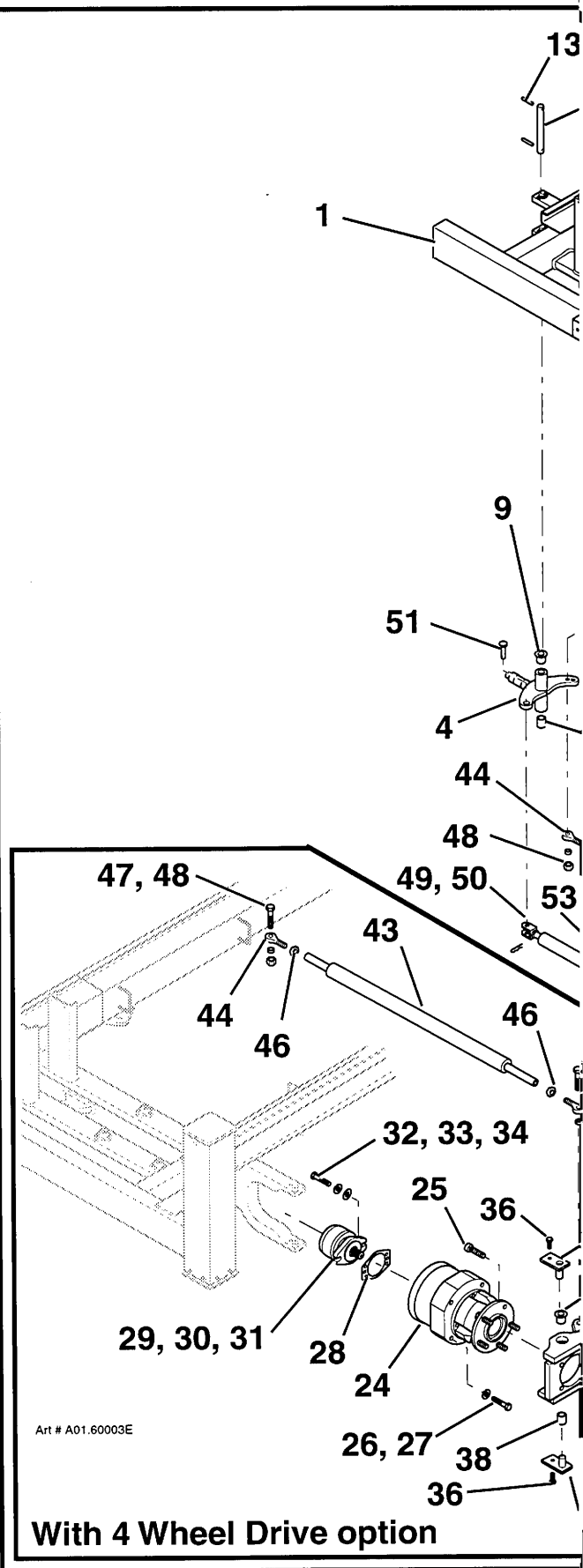
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1			CHASSIS WELDMENT, 3020 G OR 3020 RT SCISSORS With Electro-Proportional Drive:	1
	221 1410		Two-Wheel Drive, without Stabilizers (standard)	
	222 2990		Four-Wheel Drive, without Stabilizers (optional)	
	222 5990		Two-Wheel Drive, with optional Stabilizers	
	222 7000		Four-Wheel Drive, with optional Stabilizers	
	221 6650		Two-Wheel Drive, with optional "A"-Frame Outriggers	
	222 7020		Four-Wheel Drive, with optional "A"-Frame Outriggers	
			With Hydraulic Proportional Drive:	
	222 5670		Two-Wheel Drive, without Stabilizers (standard)	
	222 7060		Four-Wheel Drive, without Stabilizers (optional)	
	222 5810		Two-Wheel Drive, with optional Stabilizers	
	222 7070		Four-Wheel Drive, with optional Stabilizers	
	220 5820		Two-Wheel Drive, with optional "A"-Frame Outriggers	
	222 7080		Four-Wheel Drive, with optional "A"-Frame Outriggers	
2	221 6970		EAR, SCISSOR MOUNTING (must be welded to Chassis)	4
3	09-062500		MOUNT, ENGINE (for versions with Wisconsin engine)	4
4			SPINDLE WELDMENT (for 2 Wheel Drive versions)	
	222 8460		Right Hand Side	1
	222 8470		Left Hand Side	1
5	02-100301		WASHER, FLAT (0.81" I.D., 2.0" O.D.) (was 14-800140)	1
6	07-050022		NUT, LOCK (3/4"-10, Grade 5)	1
7	02-019502		PIN, COTTER (replaces 42-100919)	1
8	221 8250		PIN, SPINDLE (King pin) (1" dia. x 9-1/4" long)	
			(replaces 42-800148)	2
9	08-100300		BUSHING, SPINDLE PIN (Upper, flanged. 1.00" I.D., 1.25" O.D., 0.75" long) (replaces 08-100200)	2
10	08-060400		BUSHING, SPINDLE PIN (Lower, Oilite. 1.00" I.D., 1.25" O.D., 1.00" long) (replaces 26-101049)	2
11	08-050000		FITTING, GREASE (1/8" NPT, straight)	2
12	08-066300		CAP, GREASE FITTING (White plastic)	2
13	07-100000		ROLL PIN (.31" x 2.0" long)	4
14	02-100400		HUB ASSEMBLY, WHEEL (front) (5 lug)	2
15	02-100401		HUB, WHEEL	1
16	07-030598		STUD, WHEEL (front) (1/2"-20 x 1-7/8")	5
17	02-100404		CUP, BEARING (Inner) (was 26-100908)	1
18	02-100405		CONE AND ROLLER, BEARING (Inner) (marked " LM48548 ") (was 26-100913)	1
19	02-100402		CUP, BEARING (Outer) (replaces 26-800141)	1
20	02-100403		CONE AND ROLLER, BEARING (Outer) (marked " LM67048 ") (was 26-100914)	1
21	02-100406		SEAL, GREASE (was 34-800145)	1
22	02-100407		CAP, DUST (2.25" dia.) (was 34-800137)	1

TITLE UNDERCARRIAGE ASS'Y, 3020 G OR RT SCISSORS (PLATE 1 OF 7)

PLATE NO. 01.61 **SIMON AERIALS INC.**

REV. 08 JAN., 1997

PART NO.



Art # A01.60003E

TITLE UNDERCARRIAGE ASS'Y, 30

SIMON AERIALS INC.

REV. 08

PARTS LIST

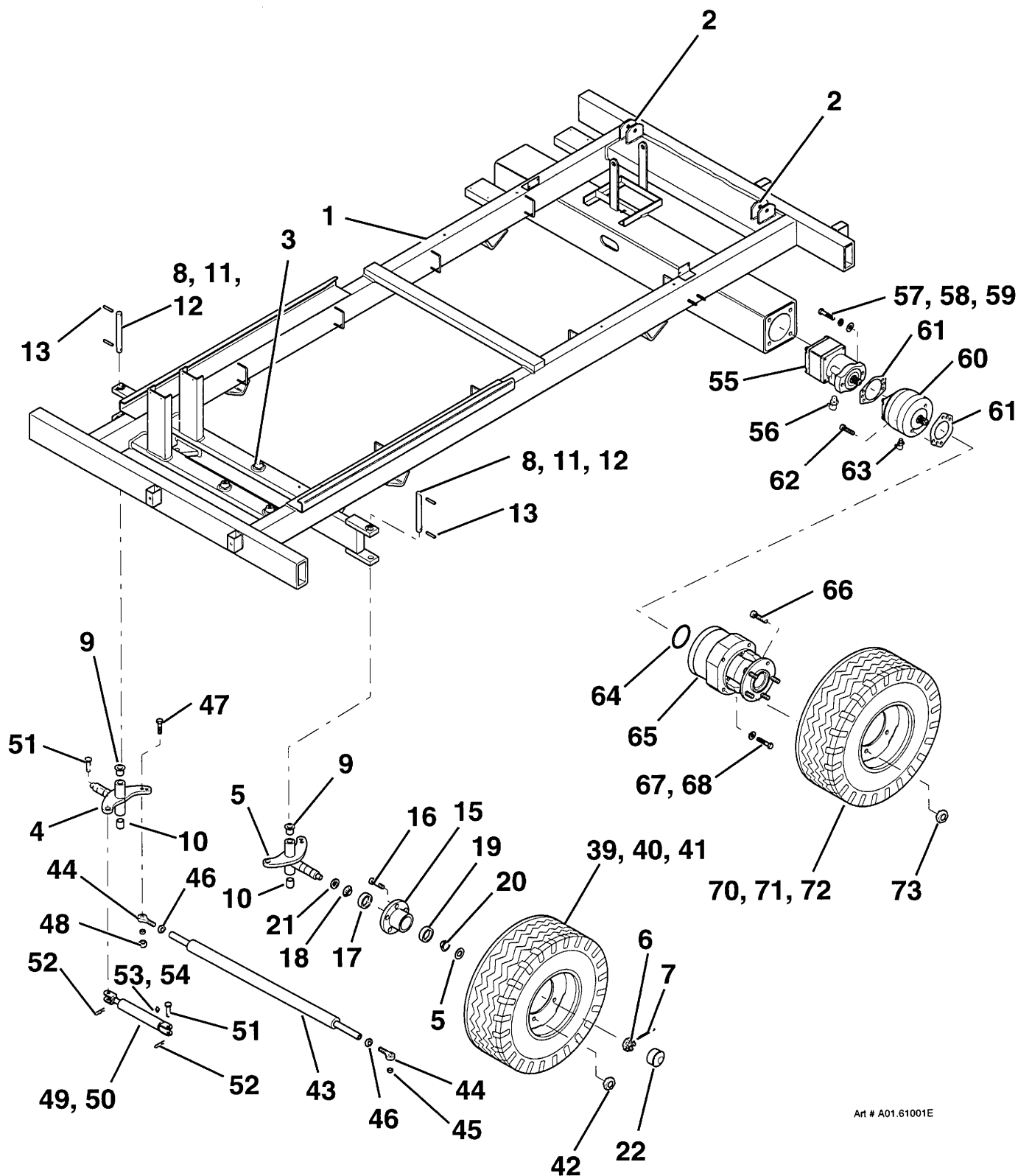
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
23	221 9840		BRACKET, MOTOR MOUNTING (Right, for 4WD versions)	1
	221 9850		BRACKET, MOTOR MOUNTING (Left, for 4WD versions)	1
24	02-105200		TORQUE HUB (for 4WD versions)	2
25	07-030598		STUD, WHEEL (front) (1/2"-20 x 1-7/8")	10
26	07-003129		CAP SCREW, HEX HEAD (5/8"-11 x 2", Grade 5)	8
27	07-065021		WASHER, HELICAL LOCK (5/8")	8
28	02-105201		GASKET	1
29	01-204500		MOTOR, FRONT DRIVE (for 4WD versions) (marked " 111A-129-AS-0 ") (12.9 c.i.)	2
30	06-040300		ADAPTER, "O"-RING TO 37° (8-10 F5OX-S) (8MJ-10MB)	4
31	06-039500		ADAPTER, "O"-RING TO 37° (4-6 F5OX-S) (4MJ-6MB)	2
32	07-104500		CAP SCREW, HEX HEAD (1/2"-13 x 1-1/4", Nylock)	4
33	07-105500		WASHER, LOCK (1/2", heavy duty)	4
34	07-061018		WASHER, FLAT (Special SAE, 1/2" I.D., 1-1/16" O.D.)	4
35	221 7240		PIN, MOTOR BRACKET RETAINING (for 4WD versions)	4
36	07-090069		CAP SCREW, FLAT SOCKET HEAD (1/2"-13 x 1", Nylock)	4
37	08-100300		BUSHING, SPINDLE PIN (Upper, flanged. 1.00" I.D., 1.25" O.D., 0.75" long)	2
38	08-100400		BUSHING, SPINDLE PIN (Lower)	2
39			WHEEL AND TIRE ASSEMBLY (Front)	2
	354 4470		Liquid Filled (standard)	
	354 7420		Foam Filled (optional)	
40	02-101100		WHEEL (15" x 13") (Front)	1
41	02-107000		TIRE (31 x 15.5-15 " Super Terra Grip ") (replaces tire 02-101000, 31 x 15.5-15 " XTC " used earlier)	1
39	354 4450		WHEEL AND TIRE ASSEMBLY (Front, foam filled) (optional)	2
40	02-100100		WHEEL (15" x 8") (Front)	1
41	32-101043		TIRE (10-15 LT " Gumbo Mudder ", 6 ply rated)	1
42	07-058118		NUT, LUG (front) (1/2"-20, Grade 8)	10
43	221 9500		TIE ROD (66" [1.68 M] long)	1
44	10-101160		END, TIE ROD (Marked " TM-12N ") (with grease fitting) (earlier version, marked " TM-12 " had no grease fitting)	2
45	08-102000		BUSHING (Bronze, .75" O.D., .62" I.D., .75" long)	2
46	07-106400		NUT, JAM (3/4"-16 NF)	2
47	07-003133		CAP SCREW, HEX HEAD (5/8"-11 x 3", Grade 5)	2
48	07-050021		NUT, LOCK (5/8"-11, Grade 5)	2

TITLE UNDERCARRIAGE ASS'Y, 3020 G OR RT SCISSORS (PLATE 2 OF 7)

PLATE NO. 01.61 **SIMON AERIALS INC.**

REV. 08 JAN., 1997

PART NO.



TITLE UNDERCARRIAGE ASS'Y, 3020 G OR RT SCISSORS (PLATE 2 OF 7)

SIMON AERIALS INC.

REV. 08 JAN., 1997

PART
NO.

PLATE
NO.

01.61

PARTS LIST

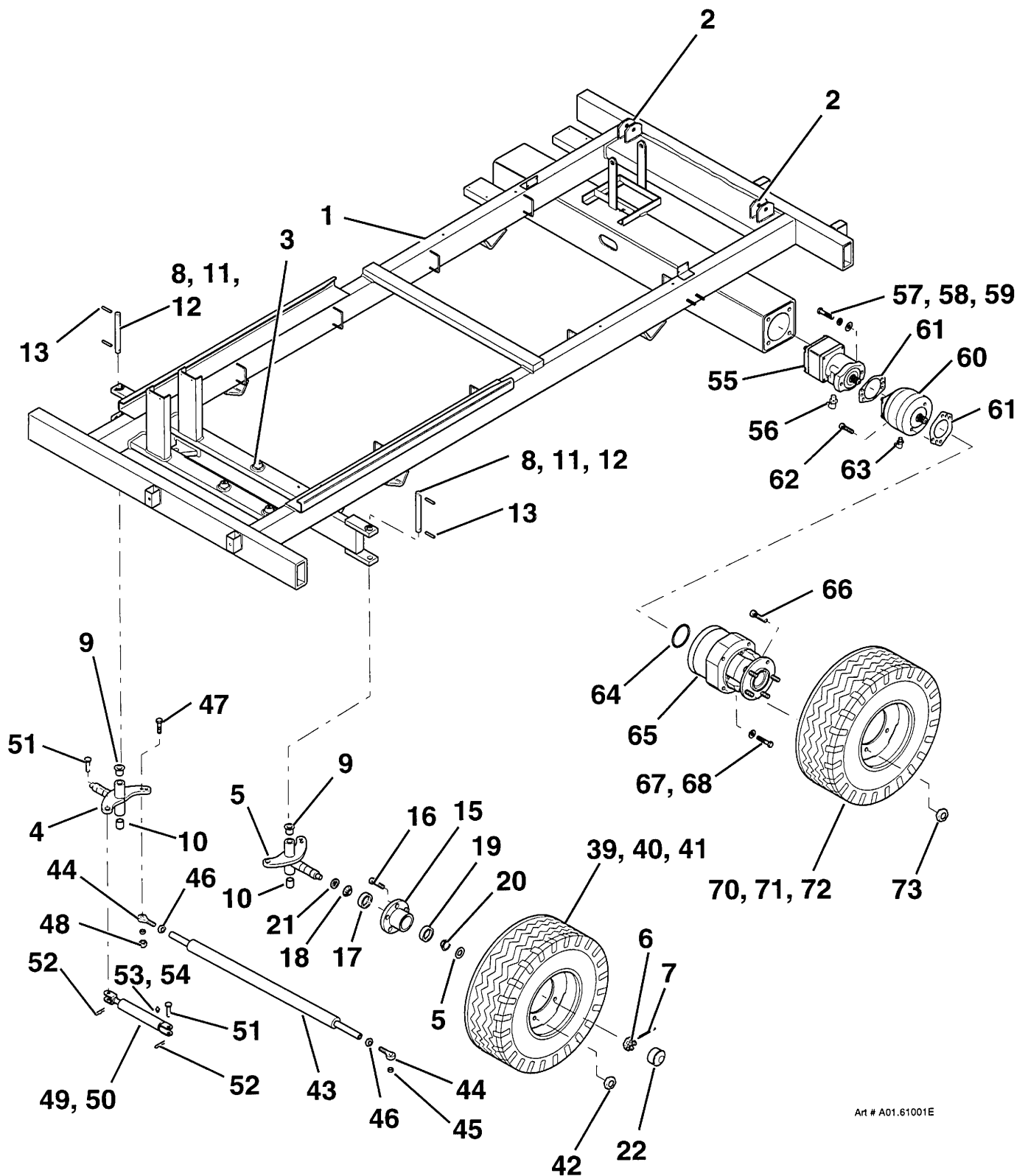
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
49	04-050900		CYLINDER, STEER (2-1/2" bore, 6" stroke)	1
50	04-050901		SEAL KIT, STEER CYLINDER	1
51	223 1170		PIN, STEER CYLINDER (1" x 2-7/8")	2
52	42-101060		PIN, COTTER (Hairpin) (1/8" x 2-1/2") (replaces 3/16" x 3-3/4" cotter pin 07-118800 used earlier)	2
53	24-100696		RESTRICTOR (.060" [1.52 mm] orifice)	1
54	06-216400		90° ELBOW, MALE 37° TO NPT (4-6 CTX-S) (4MJ-6MP 90°)	2
55			MOTOR, REAR DRIVE	2
	01-103900		for Two Wheel Drive versions (marked " RS 24 . . . ")	
	01-204500		for Four Wheel Drive versions (marked " 111A-129-AS-0 ")	
56	06-045000		90° ELBOW, "O"-RING TO 37° (8-10 C5OX-S) (8MJ-10MB 90°)	4
57	07-118900		CAP SCREW, HEX HEAD (1/2"-13 x 1-1/2", Nylock)	4
58	07-105500		WASHER, LOCK (1/2", heavy duty)	4
59	07-061018		WASHER, FLAT (Special SAE, 1/2" I.D., 1-1/16" O.D.)	4
60	02-100900		BRAKE, DRIVE MOTOR (for 1" shaft, 6B spline)	2
61			GASKET (comes with brake)	2
62	07-104400		CAP SCREW, HEX HEAD (1/2"-13 x 1", Nylock)	4
63	06-044300		90° ELBOW, "O"-RING TO 37° (4 C5OX-S) (4MJ-4MB 90°)	2
64	01-112900		"O"-RING (3" I.D., 3-1/4" O.D., 1/8" dia.)	2
65	02-105200		TORQUE HUB (1", 6B internal spline)	2
66	07-030598		STUD, WHEEL (rear) (1/2"-20 x 1-7/8")	5
67	07-003129		CAP SCREW, HEX HEAD (5/8"-11 x 2", Grade 5)	8
68	07-065021		WASHER, HELICAL LOCK (5/8")	8
69	02-105201		GASKET	2
70			WHEEL AND TIRE ASSEMBLY (Rear)	2
	354 4470		Liquid Filled (standard)	
	354 7420		Foam Filled (optional)	
71	02-101100		WHEEL (15" x 13") (Front)	1
72	02-107000		TIRE (31 x 15.5-15 " Super Terra Grip ") (replaces tire 02-101000, 31 x 15.5-15 " XTC " used earlier)	1
70	354 4450		WHEEL AND TIRE ASSEMBLY (Rear, foam filled) (optional)	2
71	02-100100		WHEEL (15" x 8") (Rear)	1
72	32-101043		TIRE (10-15 LT " Gumbo Mudder ", 6 ply rated)	1
73	07-058118		NUT, LUG (rear) (1/2"-20, Grade 8)	10

TITLE UNDERCARRIAGE ASS'Y, 3020 G OR RT SCISSORS (PLATE 3 OF 7)

PLATE NO. 01.61 **SIMON AERIALS INC.**

REV. 08 JAN., 1997

PART NO.



TITLE UNDERCARRIAGE ASS'Y, 3020 G OR RT SCISSORS (PLATE 3 OF 7)

SIMON AERIALS INC.

REV. 08 JAN., 1997

PART
NO.

PLATE
NO.

01.61

PARTS LIST

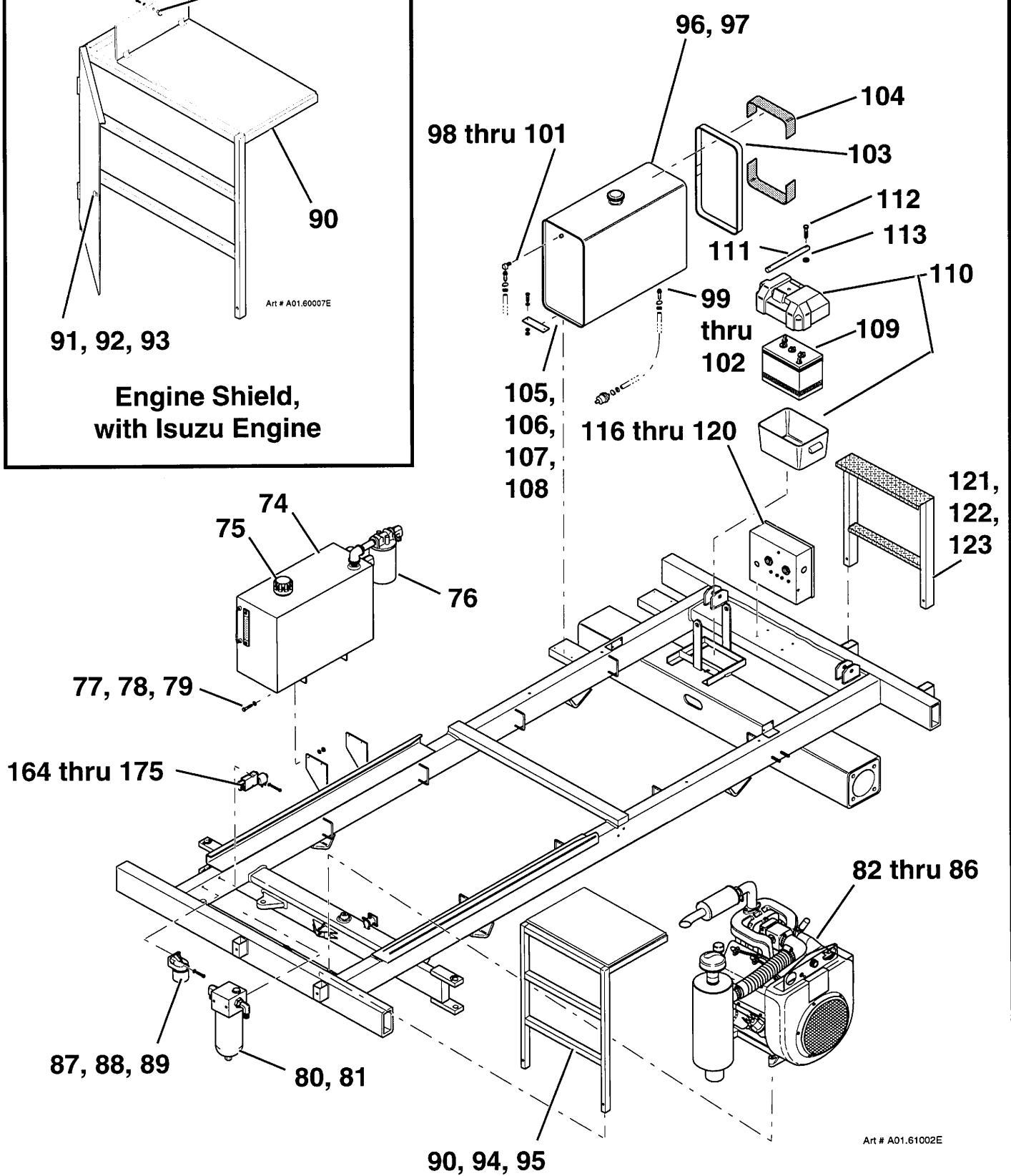
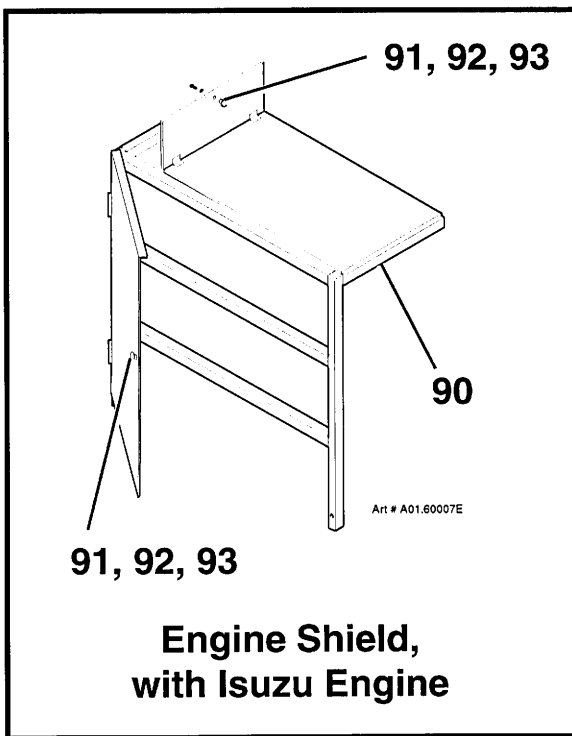
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
74	01-103500	24.60	TANK, HYDRAULIC (14 Gal [53 L] capacity)	1
75	01-097800		CAP ASSEMBLY, HYDRAULIC TANK (includes 10 micron filter, breather and strainer)	1
76	01-081501		ELEMENT, FILTER, (Spin-on, 10 Micron)	1
77	07-003026		CAP SCREW, HEX HEAD (5/16"-18 x 1-1/4", Grade 5)	4
78	07-062015		WASHER, FLAT (5/16")	8
79	07-050015		NUT, LOCK (5/16"-18, Grade 5, Nylock)	4
80	01-035100		FILTER, HIGH PRESSURE (25 Micron)	1
81	01-106100		ELEMENT, FILTER, (25 Micron, 3" dia. x 10" long)	1
82	See Plate . .		ENGINE	1
83	01-109100	08. - -	PUMP, HYDRAULIC (1.403 in ³ [23 c.c.]/ rev.)	1
84	07-003049		CAP SCREW, HEX HEAD (3/8"-16 x 2", Grade 5)	4
85	07-065016		WASHER, HELICAL LOCK (3/8")	4
86	07-060016		WASHER, FLAT (3/8")	4
87	-----		FILTER, FUEL (For machines with Deutz FL 1011 engine. Comes with engine. Current versions use in-line filter. Earlier style mounts to chassis rail with hardware below.	1
88	07-003006		CAP SCREW, HEX HEAD (1/4"-20 x 1-1/4", Grade 5)	2
89	07-065014		WASHER, HELICAL LOCK (1/4")	2
	07-060014		WASHER, FLAT (1/4")	2
90			ENGINE SHIELD WELDMENT (option)	1
	222 8430		For all except Isuzu 3KR1 (solid top, open front)	
	222 9850		For Isuzu 3KR1 (hinged access doors on top and front)	
91	10-159300		KNOB (Black plastic. For access door)	2
92	07-003003		CAP SCREW, HEX HEAD (1/4"-20 x 3/4", Grade 5)	2
93	07-065014		WASHER, HELICAL LOCK (1/4")	2
94	07-003043		CAP SCREW, HEX HEAD (3/8"-16 x 3/4", Grade 5)	2
95	07-050016		NUT, LOCK (3/8"-16, Grade 5, Nylock)	2
96	48-101029		TANK, FUEL (25.7 gal [108 L] capacity)	1
97	10-001900		CAP, FUEL TANK (replaces 48-800121, c/w tank)	1
98	09-062800		90° ELBOW (Brass, 1/8")	1
99	09-062900		FITTING, HOSE (includes plastic washer) (Brass, barbed, 5/16" I.D. hose, 1/4" male NPT)	2
100	05-006400		HOSE, FUEL LINE (Bulk item, order as needed)	A.R.
101	42-101251		CLAMP, HOSE (1/8" to 5/16")	3
102	09-060100		FILTER, FUEL (in line)	1

TITLE UNDERCARRIAGE ASS'Y, 3020 G OR RT SCISSORS (PLATE 4 OF 7)

PLATE NO. 01.61 **SIMON AERIALS INC.**

REV. 08 JAN., 1997

PART NO.



TITLE UNDERCARRIAGE ASS'Y, 3020 G OR RT SCISSORS (PLATE 4 OF 7)

SIMON AERIALS INC.

REV. 08 JAN., 1997

PART
NO.

PLATE
NO.

01.61

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
103	-----		STRAP, FUEL TANK MOUNTING (Steel strapping, 1-1/4" x .031" thick)	A.R.
104	223 1530		PAD, FUEL TANK MOUNTING STRAP (Rubber, 2" x 18" x 1/8" thick)	4
105	221 4350		CLAMP, FUEL TANK	2
106	07-003025		CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	4
107	07-062015		WASHER, FLAT (5/16")	8
108	07-050015		NUT, LOCK (5/16"-18, Grade 5, Nylock)	4
109	03-600800		BATTERY (12 Volt DC, 500 Amp Hr.) (replaces 48-100926)	1
110	42-402280		ENCLOSURE, BATTERY (Plastic. Includes box and cover.)	1
111	222 4880		BAR, BATTERY LOCKING	1
112	07-003006		CAP SCREW, HEX HEAD (1/4"-20 x 1-1/4", Grade 5)	2
113	07-050014		NUT, LOCK (1/4"-20, Grade 5, Nylock)	2
114	03-736700		CABLE, BATTERY (Positive) (Red, 162" [4.1 m] long)	1
115	03-074000		CABLE, BATTERY (Negative) (Black, 9-3/4" [25 cm] long)	1
116	See Plate . .	07. - -	CONTROL BOX ASSEMBLY, GROUND ELECTRICAL	1
117	07-003027		CAP SCREW, HEX HEAD (5/16"-18 x 1-1/2")	4
118	07-065015		WASHER, HELICAL LOCK (5/16")	4
119	07-062015		WASHER, FLAT (5/16")	4
120	07-107100		WASHER, EXTERNAL TOOTH LOCK (3/8") (for ground)	2
121			LADDER WELDMENT	1
	222 3140		Versions without optional Stabilizers/ Outriggers (2 steps)	
	222 5300		Versions with optional Stabilizers or Outriggers (3 steps)	
122	07-003085		CAP SCREW, HEX HEAD (1/2"-13 x 1", Grade 5)	2
123	07-050018		NUT, LOCK (1/2"-13, Grade 5, Nylock)	2

TITLE UNDERCARRIAGE ASS'Y, 3020 G OR RT SCISSORS (PLATE 5 OF 7)

PLATE NO.

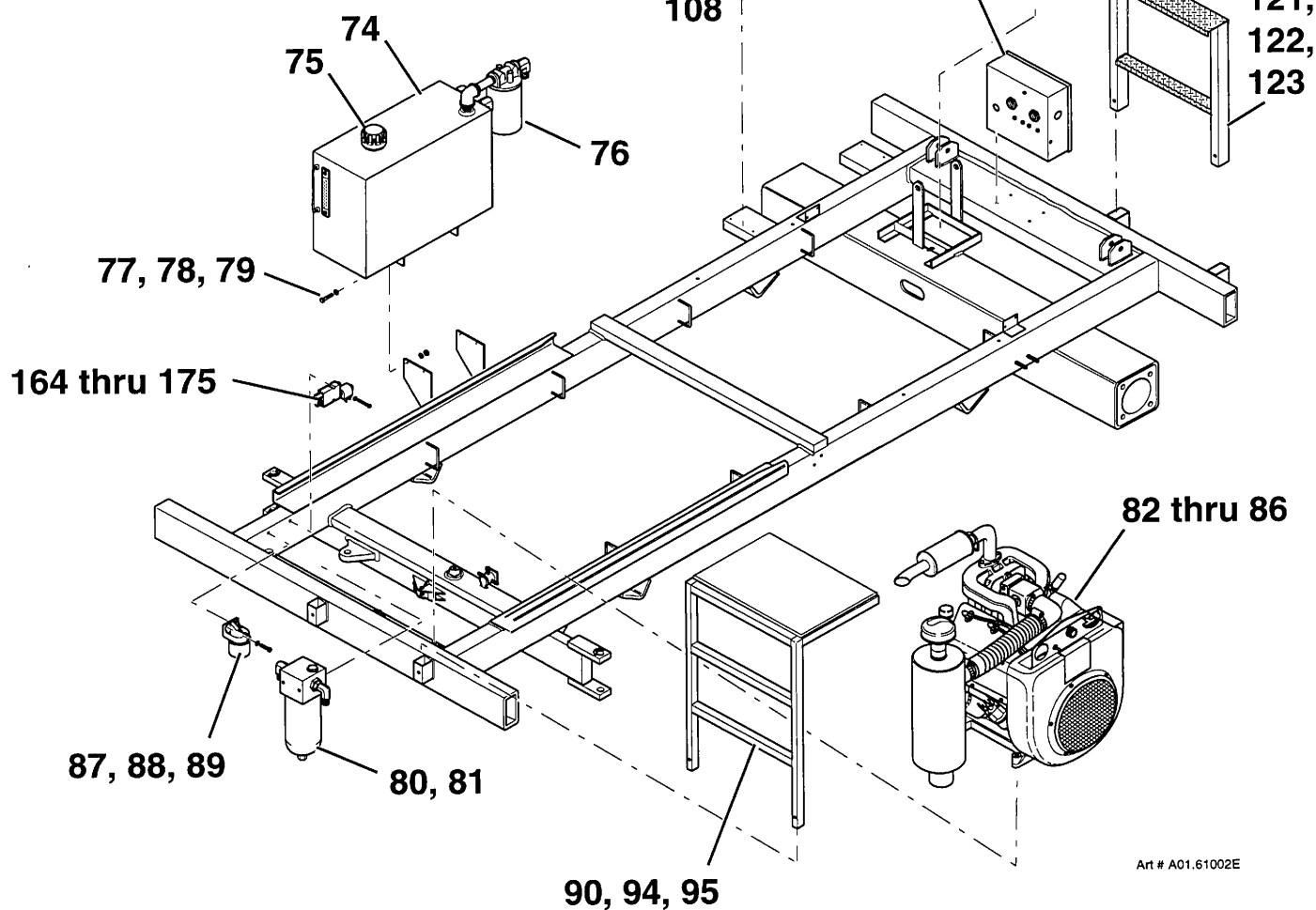
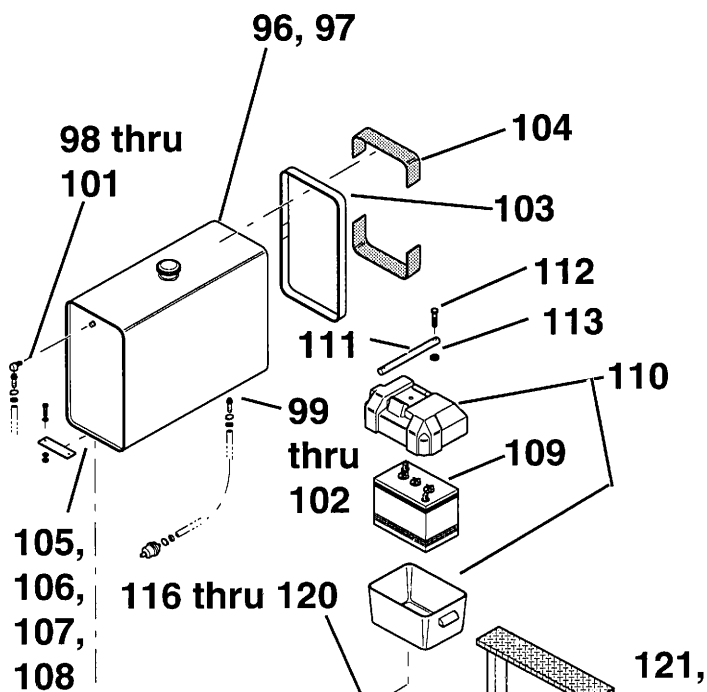
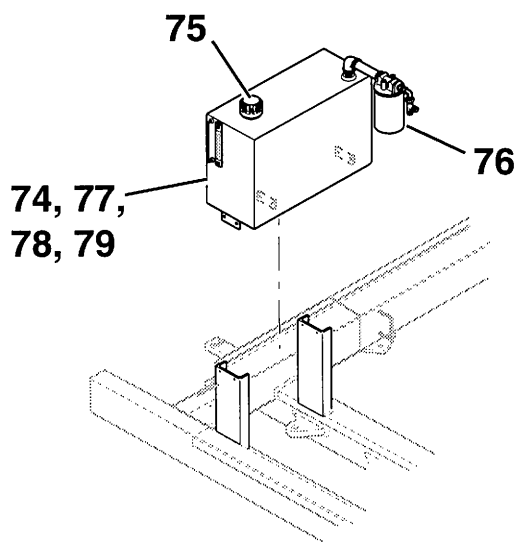
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SIMON AERIALS INC.

REV. 08 JAN., 1997

PART NO.

Hydraulic Tank Mounting (Earlier Versions)



Art # A01.61002E

TITLE UNDERCARRIAGE ASS'Y, 3020 G OR RT SCISSORS (PLATE 5 OF 7)

SIMON AERIALS INC.

REV. 08 JAN., 1997

PART
NO.

PLATE
NO. 01.61

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
124	See Plate . .	27. - -	HYDRAULIC SUBPLATE ASSEMBLY	1
125	07-003005		CAP SCREW, HEX HEAD (1/4"-20 x 1", Grade 5)	4
126	07-065014		WASHER, HELICAL LOCK (1/4")	4
127	07-060014		WASHER, FLAT (1/4", SAE)	4
128	07-060014		WASHER, EXTERNAL TOOTH, 1/4", PLATED	4
129	222 0160		VALVE ASSEMBLY, EMERGENCY LOWERING (includes bracket)	1
130	06-003500		90° ELBOW, MALE 37° TO NPT (4-4 CTX-S) (4MJ-4MP 90°)	1
131	07-003023		CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5)	1
132	07-062015		WASHER, FLAT (5/16")	2
133	07-050015		NUT, LOCK (5/16"-18, Grade 5, Nylock)	1
134	01-209800		MANIFOLD, BRAKE RELEASE	1
135			BODY, VALVE	1
136	01-209801		VALVE, NEEDLE	1
137	01-209804		PUMP, HAND	1
138	01-209803		KNOB, HAND PUMP	1
139	01-209802		SEAL KIT, HAND PUMP	1
140	06-039500		ADAPTER, "O"-RING TO 37° (4-6 F5OX-S) (4MJ-6MB)	1
141	06-044400		90° ELBOW, "O"-RING TO 37° (4-6 C5OX-S) (4MJ-6MB 90°)	1
142	07-050015		NUT, LOCK (5/16"-18, Grade 5, Nylock)	2
143	07-062015		WASHER, FLAT (5/16")	8
144	03-493800		SWITCH, LIMIT (Side rotary, marked "LSYUB6B") (Right) (to cut out drive function at 25 ft [7.6 m] height) (has two normally open and two normally closed contacts) (replaces 03-606100, used earlier)	1
145	03-614500		ARM, LIMIT SWITCH (for right hand switch)	1
146	03-493700		SWITCH, LIMIT (Side rotary, marked "LSYUB1A") (Left) (to cut out high speed drive function at 12 ft [3.7 m] height) (has one normally open and one normally closed contact)	1
147	03-612100		ARM, LIMIT SWITCH (for left hand switch)	1
148	03-700400		GRIP, CORD (Plastic, 1/2", with .24" to .47" seal)	2
149	03-085700		CABLE, ELECTRICAL (SJO, 4 conductor, #16 AWG) (Bulk item, order as needed. 10 ft [3.0 m] required here)	A.R.
150	07-011419		MACHINE SCREW, PAN HEAD (#10-32 x 5/8", Grade 2)	4
151	07-065011		WASHER, HELICAL LOCK (#10)	4

TITLE UNDERCARRIAGE ASS'Y, 3020 G OR RT SCISSORS (PLATE 6 OF 7)

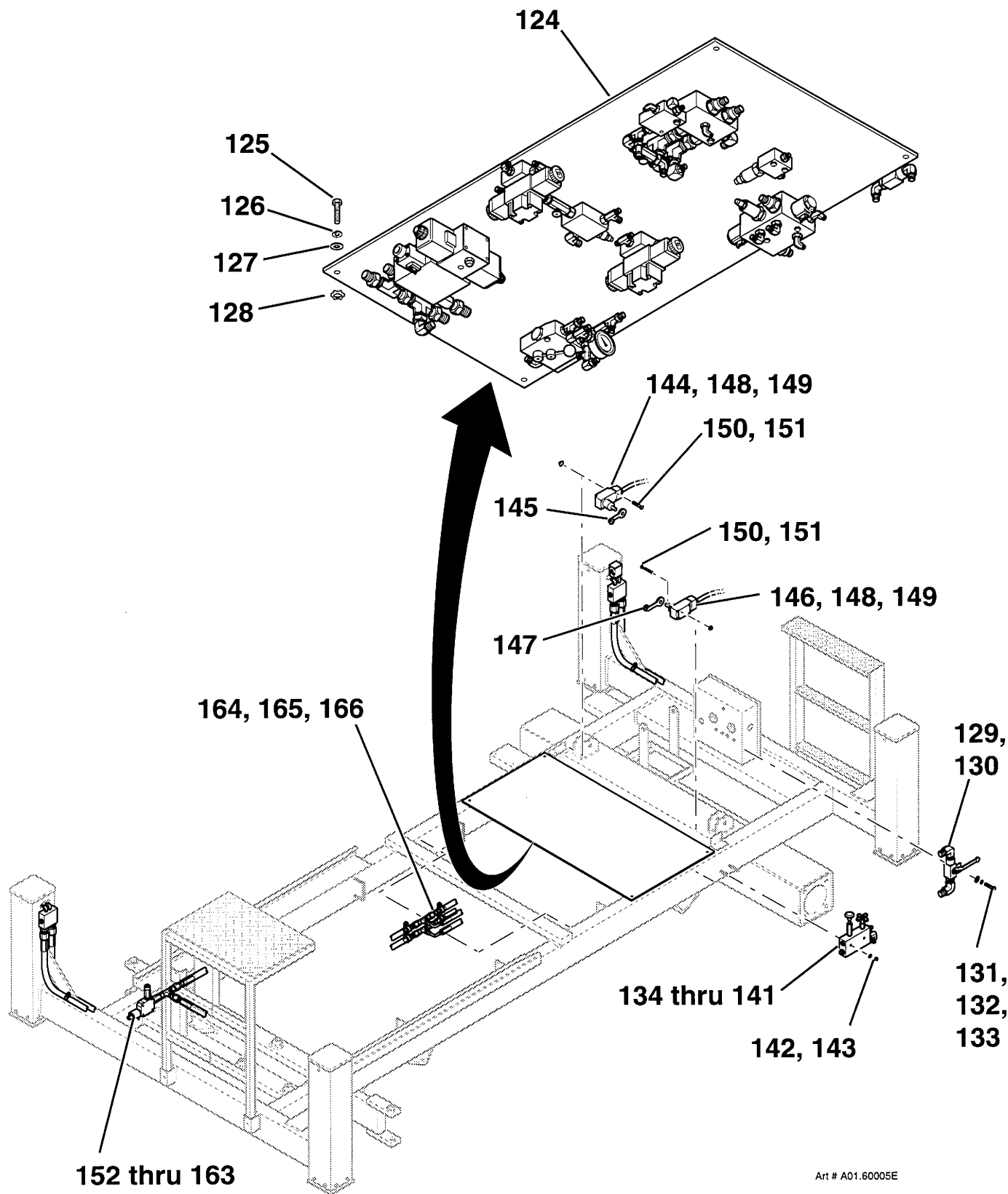
PLATE NO.

01.61

SIMON AERIALS INC.

REV. 08 JAN., 1997

PART NO.



TITLE UNDERCARRIAGE ASS'Y, 3020 G OR RT SCISSORS (PLATE 6 OF 7)

SIMON AERIALS INC.

REV. 08 JAN., 1997

PART
NO.

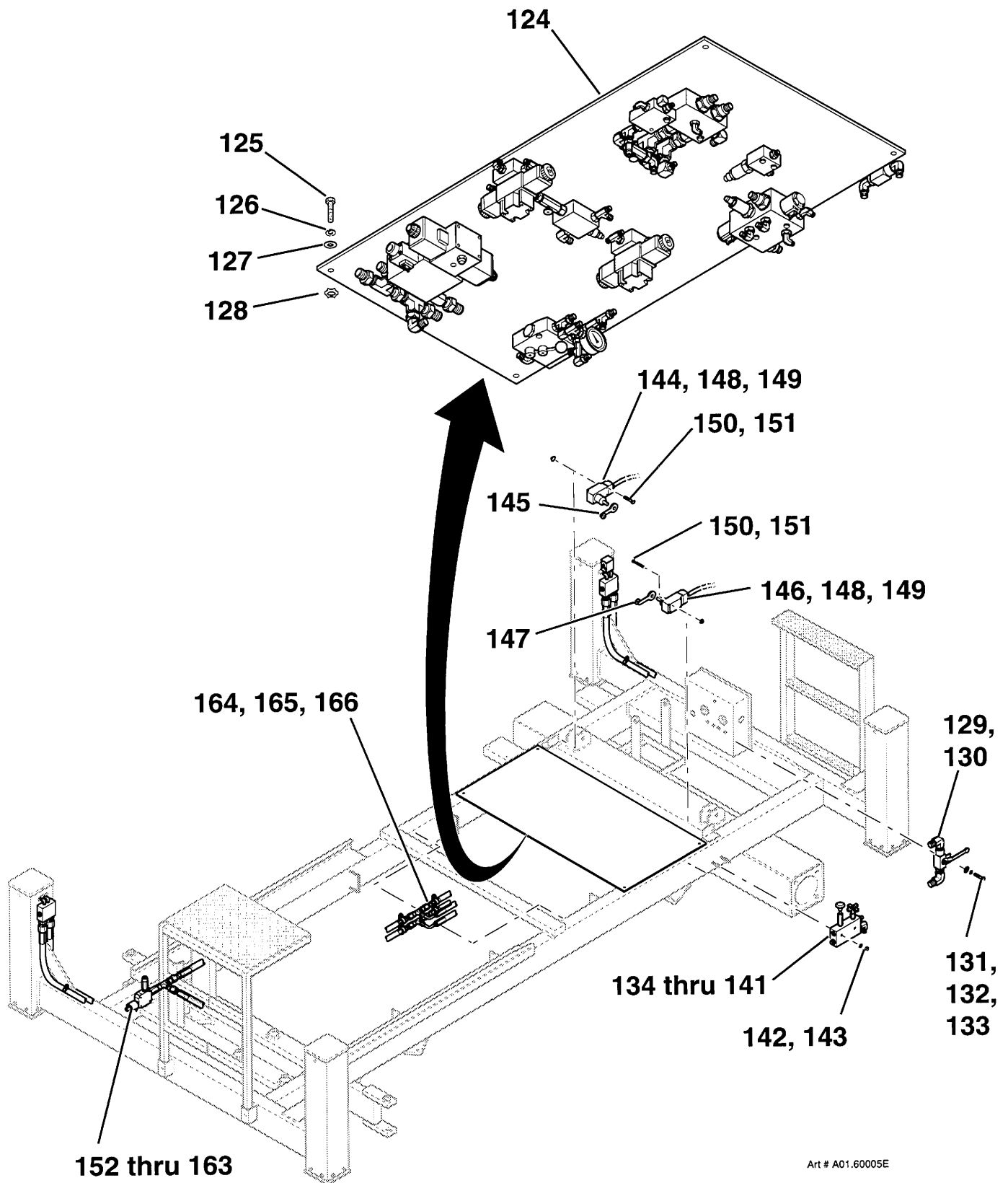
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NO.

01.61

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PLATE NO.	01.61	SIMON AERIALS INC.
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**PART
NO.**



TITLE UNDERCARRIAGE ASS'Y, 3020 G OR RT SCISSORS (PLATE 7 OF 7)

SIMON AERIALS INC.

REV. 08 JAN., 1997

PART
NO.

PLATE
NO.

01.61

PARTS LIST

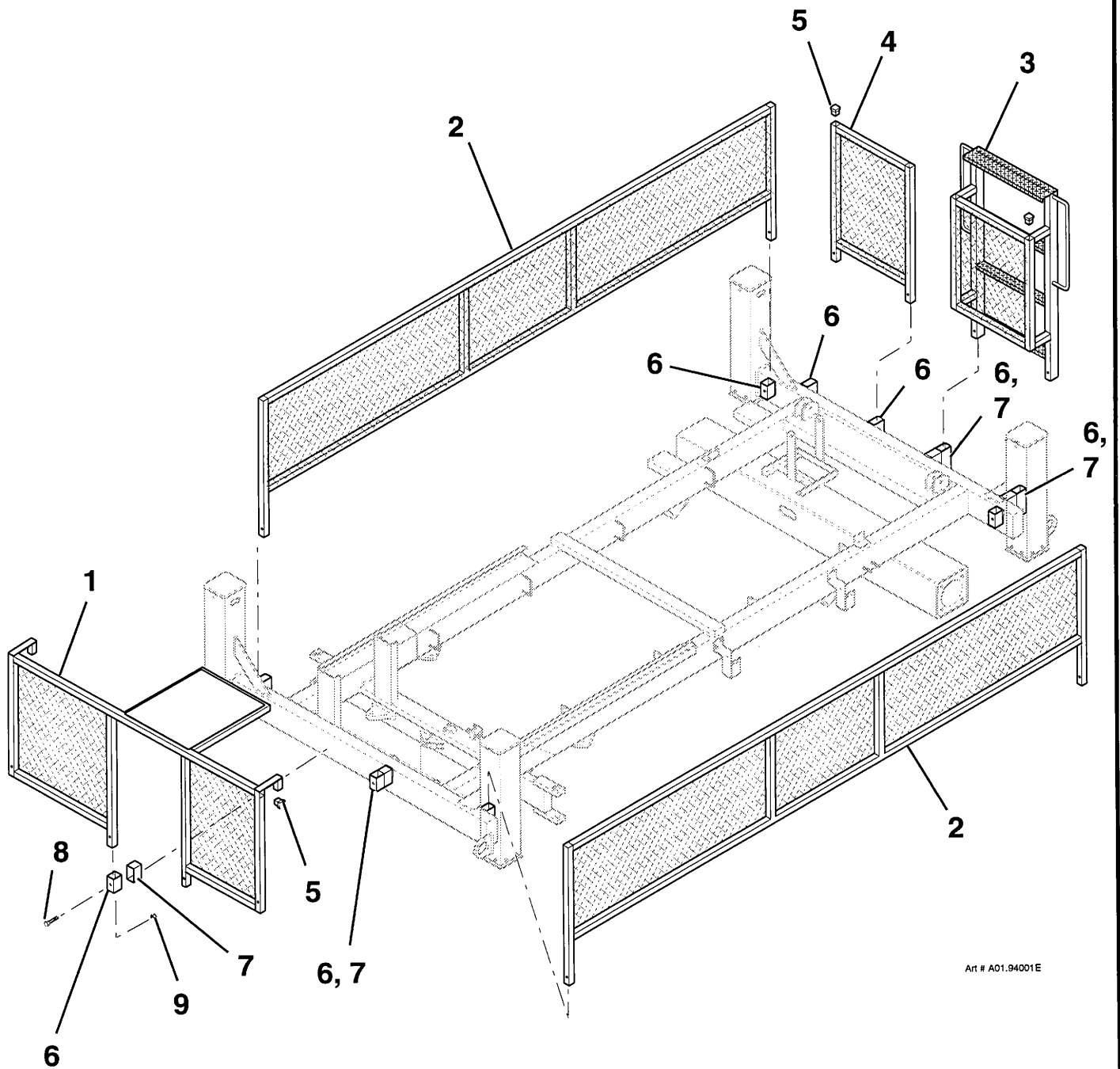
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TITLE	PINCH POINT GUARDS, 3020, 3715, 4612 SCISSORS (OPTION)
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PLATE NO. 01.94	SIMON AERIALS INC.
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REV. 24 SEP., 1996

**PART
NO.**



Art # A01.94001E

TITLE PINCH POINT GUARDS, 3020, 3715, 4612 SCISSORS (OPTION)

SIMON AERIALS INC.

REV. 24 SEP., 1996

PART
NO.

PLATE
NO. 01.94

PARTS LIST

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TITLE

TOW BAR (OPTION)

**PLATE
NO.**

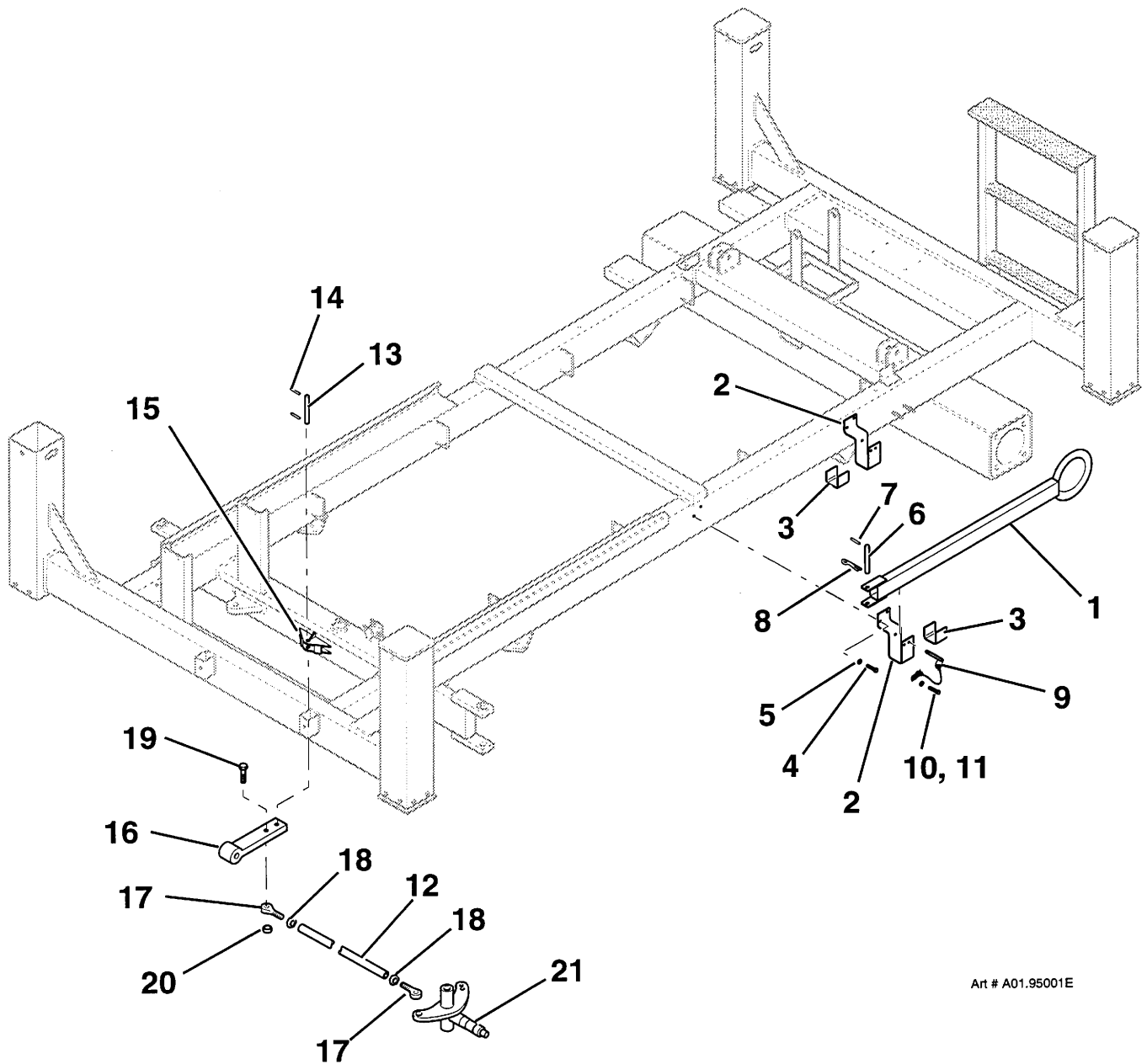
01.95

SIMON AERIALS INC.

REV. 09 AUG., 1996

PART
NO.

221 7600



Art # A01.95001E

TITLE

TOW BAR (OPTION)

SIMON AERIALS INC.

REV. 09 AUG., 1996

PART
NO.

221 7600

PLATE
NO.

01.95

PARTS LIST

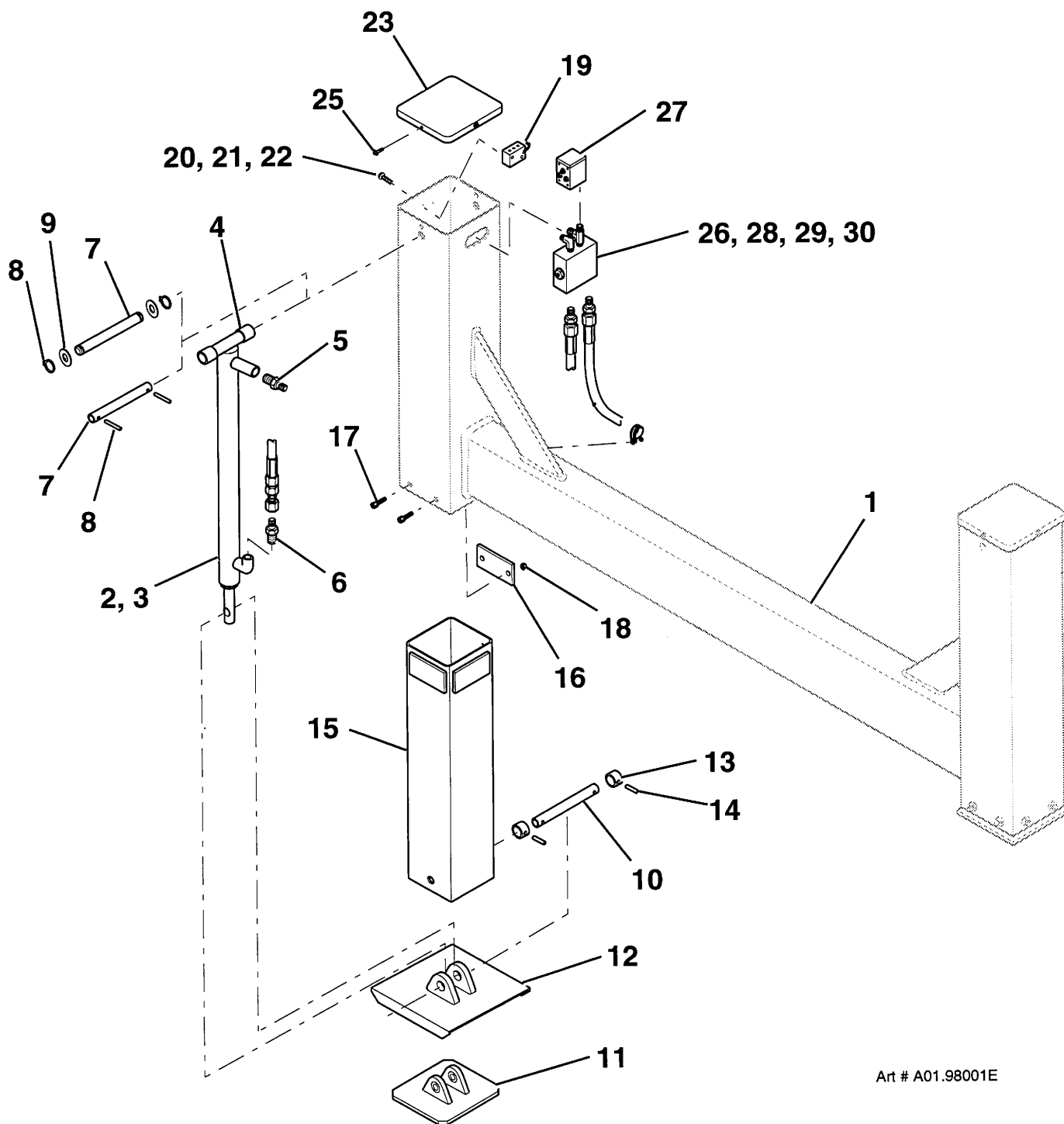
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	-----		CHASSIS WELDMENT (Ref.)	
2	04-053300		CYLINDER, STABILIZER (2" bore, 1-1/4" rod, 18" stroke)	4
3	04-052201		SEAL KIT, STABILIZER CYLINDER	1
4	221 7770		SPACER (welded to cylinder, item 2 or loose assembled) (may be needed on some earlier versions)	8
5	06-000400		CONNECTOR, MALE 37° TO NPT (4-4 FTX-S) (4MJ-4MP)	8
6	06-003500		90° ELBOW, MALE 37° TO NPT (4-4 CTX-S) (4MJ-4MP 90°)	4
7	221 7790		PIN, STABILIZER CYLINDER (Upper) (0.75" x 6.88" long) Earlier versions (held by pins, as shown)	4
	222 4220		Current versions (held by retaining rings, as shown)	
8	42-100376		PIN, ROLL (5/16" x 2") (for earlier versions)	8
	08-105000		RING, RETAINING (for current versions. Replaces 3/4" retaining ring 08-040500, used earlier.)	8
9			WASHER, FLAT (for current versions)	8
10			PIN, STABILIZER CYLINDER (Lower)	4
	221 6030		0.75" x 4.62" long (earlier versions)	
	221 7780		0.75" x 4.94" long (current versions)	
11	221 9600		FOOT PAD, STABILIZER (Flat plate, current version)	4
12	221 7760		FOOT PAD, STABILIZER ("U" cross-section, earlier version)	4
13	221 7720		SPACER, LOWER earlier versions	8
	222 0710		current versions	
14			SET SCREW, HEX SOCKET HEAD	8
	07-023018		1/4"-20 x 1/4", Grade 5 (earlier versions)	
	07-023600		1/4"-20 x 1/2", Grade 5 (current versions)	
15	222 2500		LEG, STABILIZER (Inner tube)	4
16	08-102700		PAD, WEAR (0.25" thick)	8
	08-102800		PAD, WEAR (0.19" thick)	8
17			SCREW, FLAT HEAD	32
	07-015005		Machine screw, 1/4"-20 x 1", Grade 5 (earlier versions)	
	07-102400		Cap screw, 1/4"-20 x 3/4" (current versions)	
18	07-050014		NUT, HEX LOCK (1/4"-20, Grade 5)	32

TITLE HYDRAULIC STABILIZERS (OPTION), 3020 SCISSORS (PLATE 1 OF 2)

PLATE NO. 01.98 **SIMON AERIALS INC.**

REV. 07 OCT., 1996

PART NO.



Art # A01.98001E

TITLE HYDRAULIC STABILIZERS (OPTION), 3020 SCISSORS (PLATE 1 OF 2)

SIMON AERIALS INC.

REV. 07 OCT., 1996

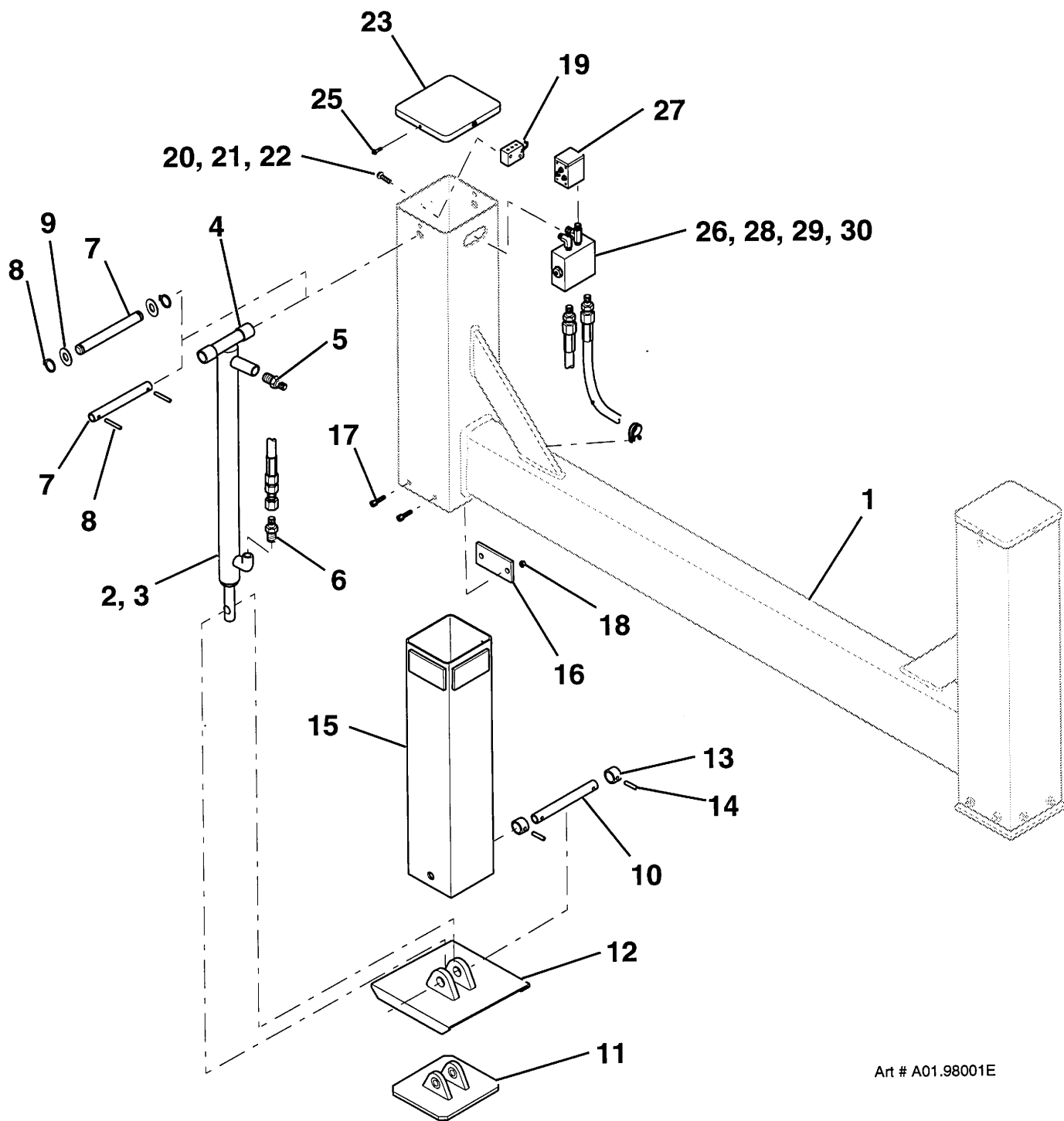
PART
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PLATE
NO. 01.98

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PLATE NO.	01.98	SIMON AERIALS INC.
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PART
NO.



Art # A01.98001E

TITLE HYDRAULIC STABILIZERS (OPTION), 3020 SCISSORS (PLATE 2 OF 2)

SIMON AERIALS INC.

REV. 07 OCT., 1996

PART
NO.

PLATE
NO. 01.98

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	-----		CHASSIS WELDMENT (Ref.)	
2	04-053200		CYLINDER, OUTRIGGER (2" bore, 1-1/4" rod, 24" stroke)	4
3	04-052201		SEAL KIT, OUTRIGGER CYLINDER	1
4	221 7770		SPACER (welded to cylinder, item 1 or loose assembled) (may be needed on some earlier versions)	8
5	06-000600		CONNECTOR, MALE 37° TO NPT (4- 6 FTX-S)	4
6	06-000400		CONNECTOR, MALE 37° TO NPT (4- 4 FTX-S)	4
7	221 7790		PIN, OUTRIGGER CYLINDER (Upper) (0.75" x 6.88" long) Earlier versions (held by pins, as shown)	4
	222 4220		Current versions (held by retaining rings, as shown)	
8	42-100376		PIN, ROLL (5/16" x 2") (for earlier versions)	8
	08-105000		RING, RETAINING (for current versions. Replaces 3/4" retaining ring 08-040500, used earlier.)	8
9			WASHER, FLAT (for current versions)	8
10			PIN, OUTRIGGER CYLINDER (Lower)	4
	221 6030		0.75" x 4.62" long (earlier versions)	
	221 7780		0.75" x 4.94" long (current versions)	
11	221 7760		FOOT PAD, OUTRIGGER ("U" cross-section, standard)	4
12	221 8070		FOOT PAD, OUTRIGGER (13.5" x 13.5", larger optional pad)	4
13	221 7720		SPACER, LOWER earlier versions	8
	222 0710		current versions	
14			SET SCREW, HEX SOCKET HEAD	8
	07-023018		1/4"-20 x 1/4", Grade 5 (earlier versions)	
	07-023600		1/4"-20 x 1/2", Grade 5 (current versions)	
15	221 7730		LEG, OUTRIGGER (Inner tube)	4
16	08-102700		PAD, WEAR (0.25" thick)	8
	08-102800		PAD, WEAR (0.19" thick)	8
17			SCREW, FLAT HEAD	32
	07-015005		Machine screw, 1/4"-20 x 1", Grade 5 (earlier versions)	
	07-102400		Cap screw, 1/4"-20 x 3/4" (current versions)	
18	07-050014		NUT, HEX LOCK (1/4"-20, Grade 5)	64

TITLE "A" FRAME OUTRIGGERS (OPTION), 3020, 3715 OR 4612 SCISSORS

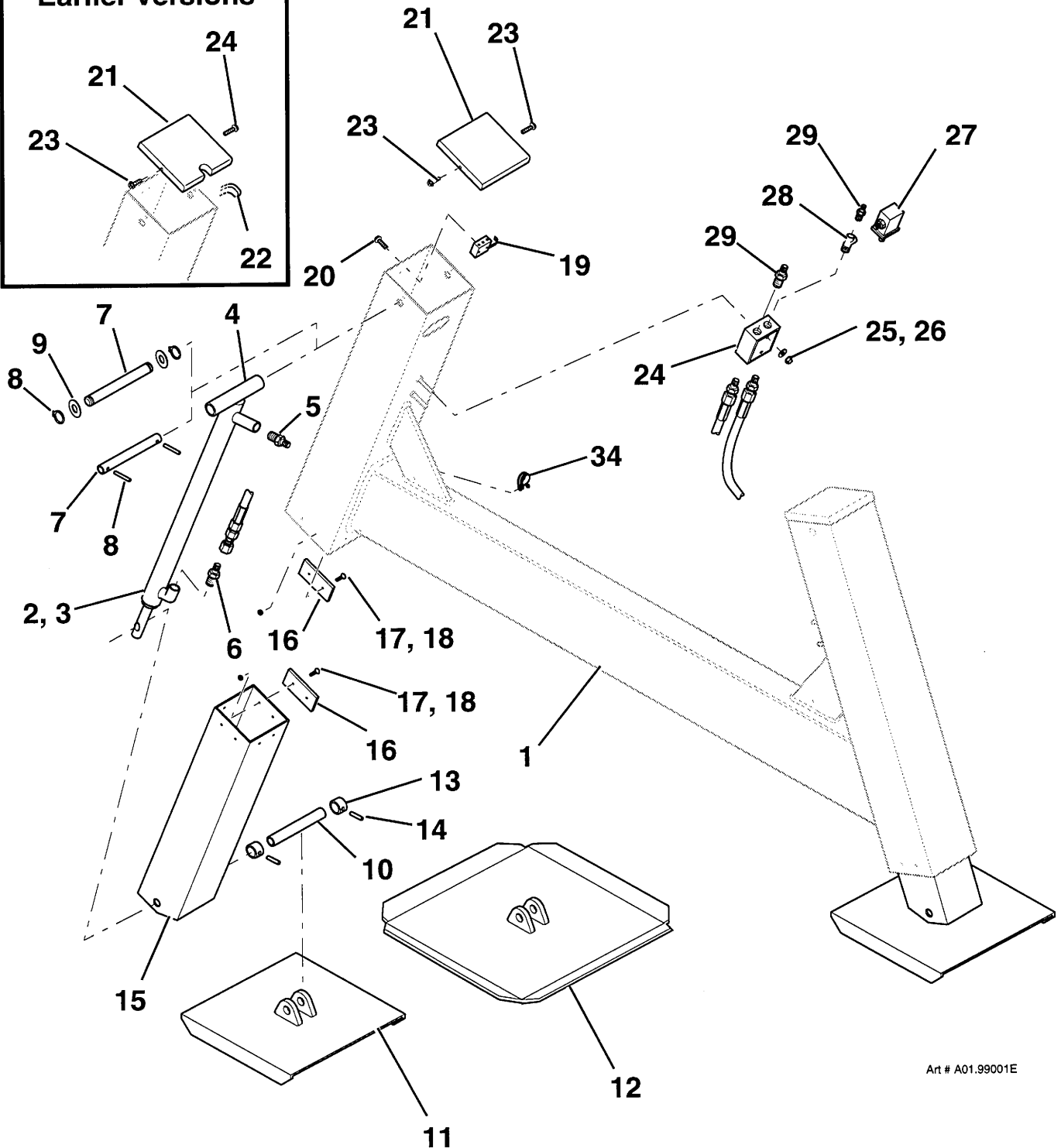
PLATE NO. 01.99

SIMON AERIALS INC.

REV. 20 SEP., 1996

PART NO.

Earlier versions



Art # A01.99001E

TITLE "A" FRAME OUTRIGGERS (OPTION), 3020, 3715 OR 4612 SCISSORS

SIMON AERIALS INC.

REV. 20 SEP., 1996

PART
NO.

PLATE
NO. 01.99

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
19	03-604400		SWITCH, LIMIT (Marked "BZ2RW863 - A2")	4
20	07-011337		MACHINE SCREW, ROUND HEAD (#6-32 x 1-1/4")	8
21	221 6950		COVER, OUTRIGGER TUBE (without slot, current style)	4
			(Some earlier versions had a clearance slot for hoses, and used Edge Guard, below.)	
22	10-202200		EDGE GUARD (Trim-lok, 3" x 1/4") (for earlier versions)	
			(Bulk item, order as required)	A.R.
23	07-102300		MACHINE SCREW, HEX WASHER HEAD (#10-24 x 1/2", self-tapping)	8
24	16-800453		VALVE, CROSS PORT CHECK (Marked "LOA25D") (earlier versions)	4
	01-241100		VALVE, LOCK (current versions)	4
25	07-060016		WASHER, FLAT (3/8")	8
26	07-046016		NUT, HEX LOCK (3/8"-16)	8
27			SWITCH, PRESSURE (PDI)	A.R.
			(Two required for "side-to-side" controlled outriggers)	
			(Four required for independently controlled outriggers)	
	03-603500		300-2,500 Lb.(136-1134 kg) (earlier versions)	
	03-720500		current versions	
28	06-074700		STREET TEE (1/4 MRO-S) (4MP-4FP-4FP) (one used with each pressure switch, Item 25)	A.R.
29	06-000400		CONNECTOR, MALE 37° TO NPT (4- 4 FTX-S) (4MJ-4MP) (two used with each pressure switch, Item 25)	A.R.
30	06-144300		HOSE END, STRAIGHT SWIVEL (4C2 - 4FJX)	12
31	06-308700		HOSE END, 90° SWIVEL (4C2 - 4FJX 90M) (replaces 24-100761)	4
32	06-155200		FERRULE (4PC1FM1A)	16
33	05-081500		HOSE (1/4") (Bulk item, order as required) (4 Ft [1.22 M] needed this application)	A.R.
34	42-100397		CLAMP, LOOM (#10, insulated)	A.R.
35	353 9390		HOSE KIT, STABILIZER OR OUTRIGGER	1

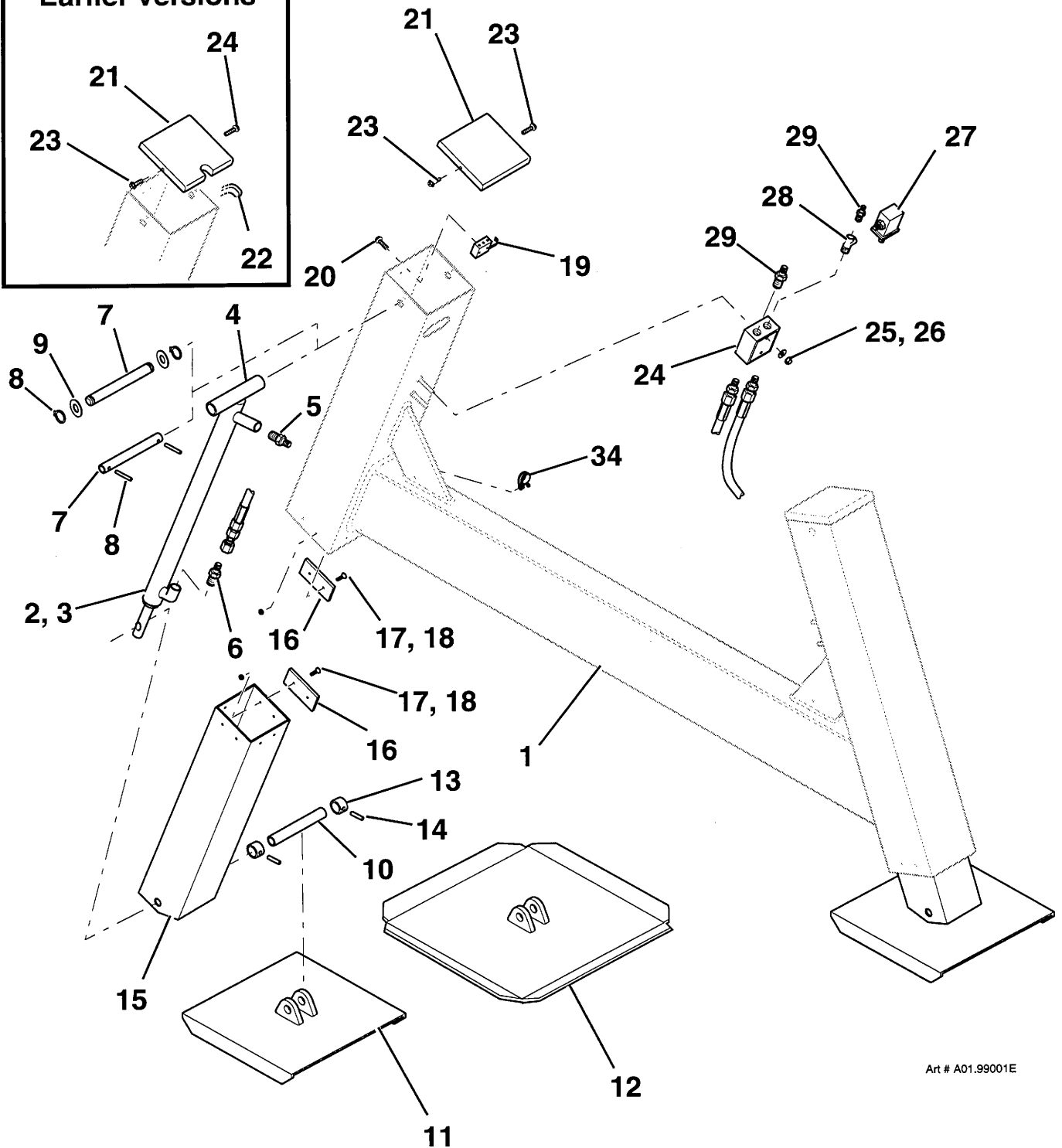
TITLE "A" FRAME OUTRIGGERS (OPTION), 3020, 3715 OR 4612 SCISSORS

PLATE NO. 01.99 **SIMON AERIALS INC.**

REV. 20 SEP., 1996

PART NO.

Earlier versions



Art # A01.99001E

TITLE "A" FRAME OUTRIGGERS (OPTION), 3020, 3715 OR 4612 SCISSORS

SIMON AERIALS INC.

REV. 20 SEP., 1996

PART
NO.

PLATE
NO.

01.99

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1			PLATFORM DECK WELDMENT for Model 3020 or 4612 (Note: Platform mounting ears are located 4.63" [118 mm] from end of weldment)	1
	221 1390 221 8820		Standard, without Rollout or Traversing Deck option with Rollout Deck option	
			for Model 3715 (Note: Platform mounting ears are located 25.38" [64.5 cm] from end of weldment)	
	222 4800 222 4810		Standard, without Rollout or Traversing Deck option with Rollout Deck option	
2	221 6460		EAR, SCISSOR MOUNTING	4
3	221 8670		BRACKET, ROLLOUT DECK ROLLER (Right) (Weld to deck in place of front rail pocket for models with optional rollout deck)	1
4	221 8680		BRACKET, ROLLOUT DECK ROLLER (Left) (Weld to deck in place of front rail pocket for models with optional rollout deck)	1
5	222 4770		SIDE RAIL WELDMENT (Right)	1
6	221 3050		SIDE RAIL WELDMENT (Left)	1
7	221 3000		END RAIL WELDMENT (Control end) (Standard version, without Rollout or Traversing Deck option)	1
8	221 2990		END RAIL WELDMENT (Entry end)	1
9	07-003023		CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5)	10
10	07-050015		NUT, LOCK (5/16"-18, Grade 5)	10
11	10-063200		TUBING, PIPE INSULATION (1-1/8" I.D., 1" wall, 6 Ft [1.83 M] long section) (2 Ft [.6 M] needed here)	A.R.
12	228 9910		COVER, PIPE INSULATION (Yellow, with zipper)	1
13	353 6350		CHAIN ASSEMBLY, SAFETY	1
14	11-083400		"S"-HOOK (replaces 48-100130)	1
15	24-101195		PLUG, TUBE END (for 1-1/2", #14 gauge square tube)	1
16	See plate . . .	09. - -	CONSOLE ASSEMBLY, PLATFORM CONTROL	1
17	03-067000		OUTLET, DUPLEX (110 Volt AC) (option)	1
18	03-062100		BOX, DUPLEX OUTLET	1
19	03-062200		COVER, DUPLEX OUTLET	1
20	10-155553		SCREW, SELF TAPPING (#10-24)	2
21			GRIP, CORD	3
	03-041000		Plastic, 1/2", with .38" to .44" seal (earlier versions)	
	03-700400		1/2", with .24" to .47" seal (current versions)	
22	11-085200		ENCLOSURE, TECHNICAL MANUAL STORAGE	1
23	07-085005		POP RIVET (3/16" x 5/8")	4

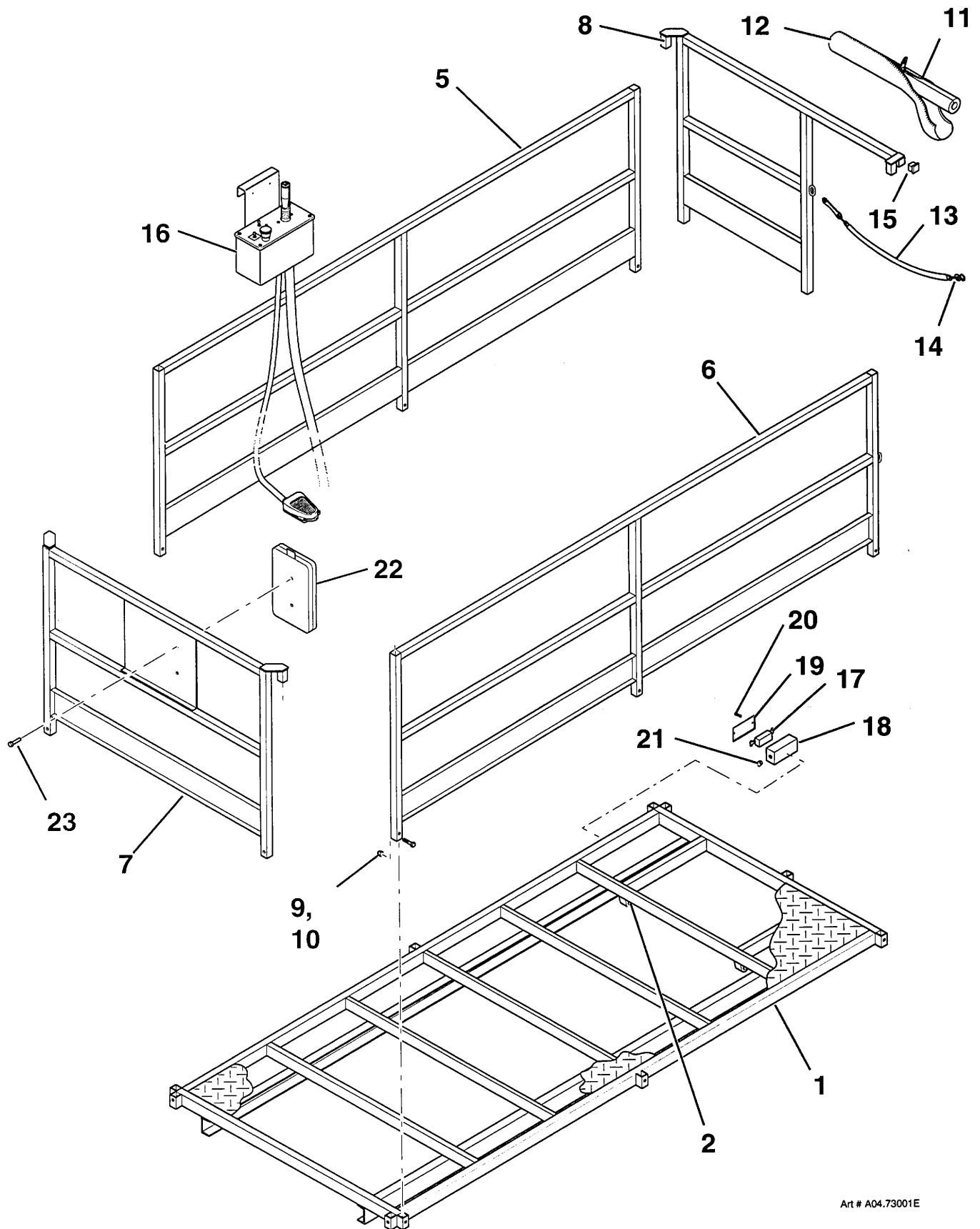
TITLE PLATFORM ASSEMBLY, 3020, 3715 OR 4612 SCISSORS (PLATE 1 OF 2)

PLATE NO. 04.73

SIMON AERIALS INC.

REV.16 AUG., 1996

PART NO.



Art # A04.73001E

TITLE PLATFORM ASSEMBLY, 3020, 3715 OR 4612 SCISSORS (PLATE 1 OF 2)

SIMON AERIALS INC.

REV. 16 AUG., 1996

PART
NO.

PLATE
NO.

04.73

PARTS LIST

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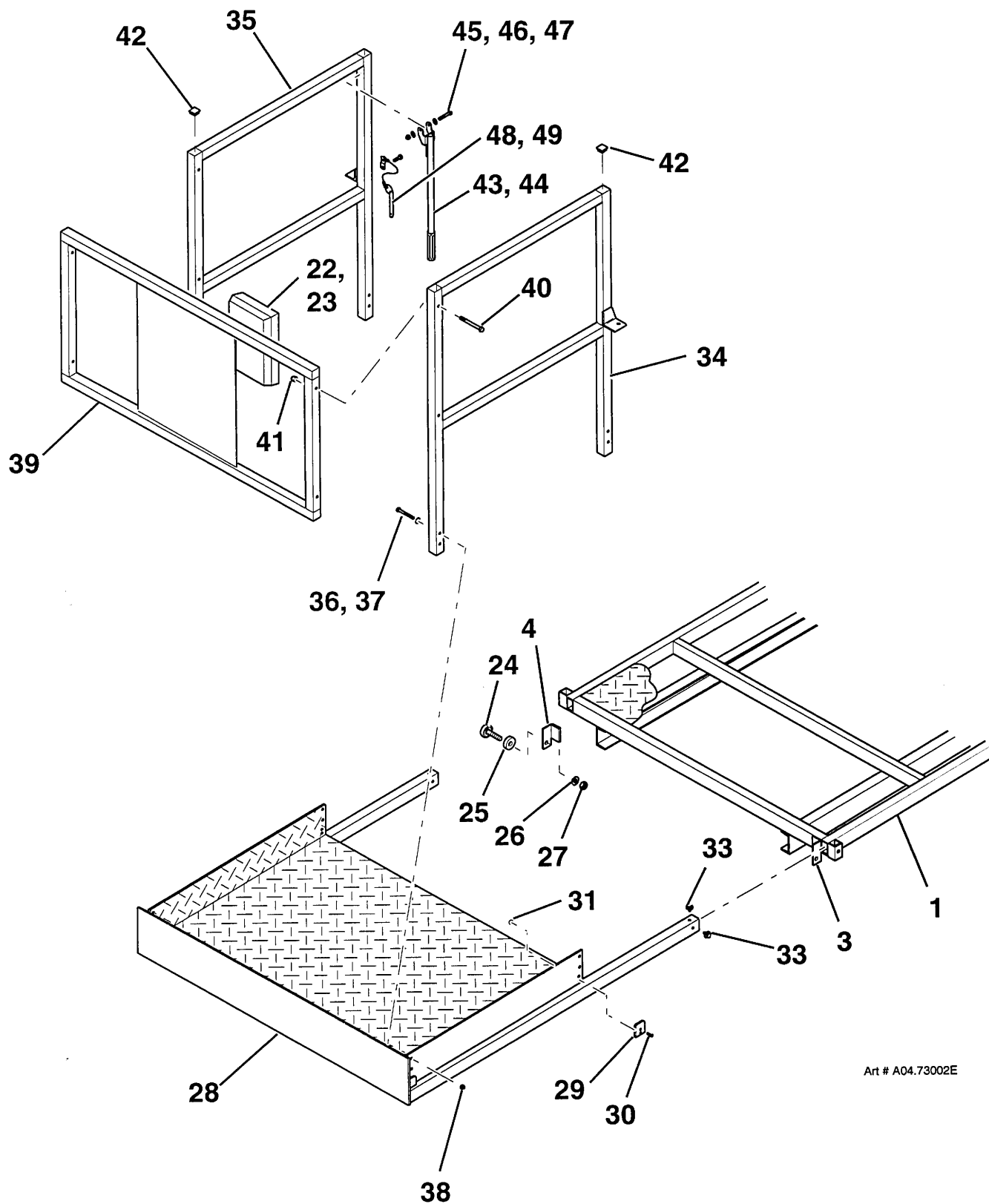
TITLE PLATFORM ASSEMBLY, 3020, 3715 OR 4612 SCISSORS (PLATE 2 OF 2)

PLATE NO. 04.73

SIMON AERIALS INC. REV.16 AUG., 1996

REV. 16 AUG., 1996

PART
NO.



Art # A04.73002E

TITLE PLATFORM ASSEMBLY, 3020, 3715 OR 4612 SCISSORS (PLATE 2 OF 2)

SIMON AERIALS INC.

REV. 16 AUG., 1996

PART
NO.

PLATE
NO. **04.73**

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	222 7440		PLATFORM DECK WELDMENT (6 ft x 13 ft [1.83 m x 3.96 m], with traversing deck option)	1
2	222 7450		PLATFORM BASE WELDMENT (for traversing deck)	1
3	221 6460		EAR, SCISSOR MOUNTING	4
4	231 4200		ROLLER, TRAVERSING DECK	4
5	08-101600		BUSHING (Bronze, 1-1/8" O.D., 7/8" I.D., 1" long)	4
6	---		SHIM (1.38" O.D., 0.88" I.D., .075" thick)	4
7	---		BUSHING (Bronze, 2.0" O.D., 1.0" I.D., .13" thick)	4
8	222 4770		SIDE RAIL WELDMENT (Right)	1
9	221 3050		SIDE RAIL WELDMENT (Left)	1
10	221 3000		END RAIL WELDMENT (Control end)	1
11	221 2990		END RAIL WELDMENT (Entry end)	1
12	07-003023		CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5)	10
13	07-050015		NUT, LOCK (5/16"-18, Grade 5)	10
14	10-063200		TUBING, PIPE INSULATION (1-1/8" I.D., 1" wall, 6 ft [1.83 m] long section) (2 ft [.6 m] needed here)	A.R.
15	228 9910		COVER, PIPE INSULATION (Yellow, with zipper)	1
16	353 6350		CHAIN ASSEMBLY, SAFETY	1
17	11-083400		"S"-HOOK (replaces 48-100130)	1
18	24-101195		PLUG, TUBE END (for 1-1/2", #14 gauge square tube)	1
19	See plate . .	09. - -	CONSOLE ASSEMBLY, PLATFORM CONTROL	1
20	03-067000		OUTLET, DUPLEX (110 Volt AC) (option)	1
21	03-062100		BOX, DUPLEX OUTLET	1
22	03-062200		COVER, DUPLEX OUTLET	1
23	10-155553		SCREW, SELF TAPPING (#10-24)	2
24			GRIP, CORD	3
	03-041000		Plastic, 1/2", with .38" to .44" seal (earlier versions)	
	03-700400		1/2", with .24" to .47" seal (current versions)	
25	11-085200		ENCLOSURE, TECHNICAL MANUAL STORAGE	1
26	07-085005		POP RIVET (3/16" x 5/8")	4

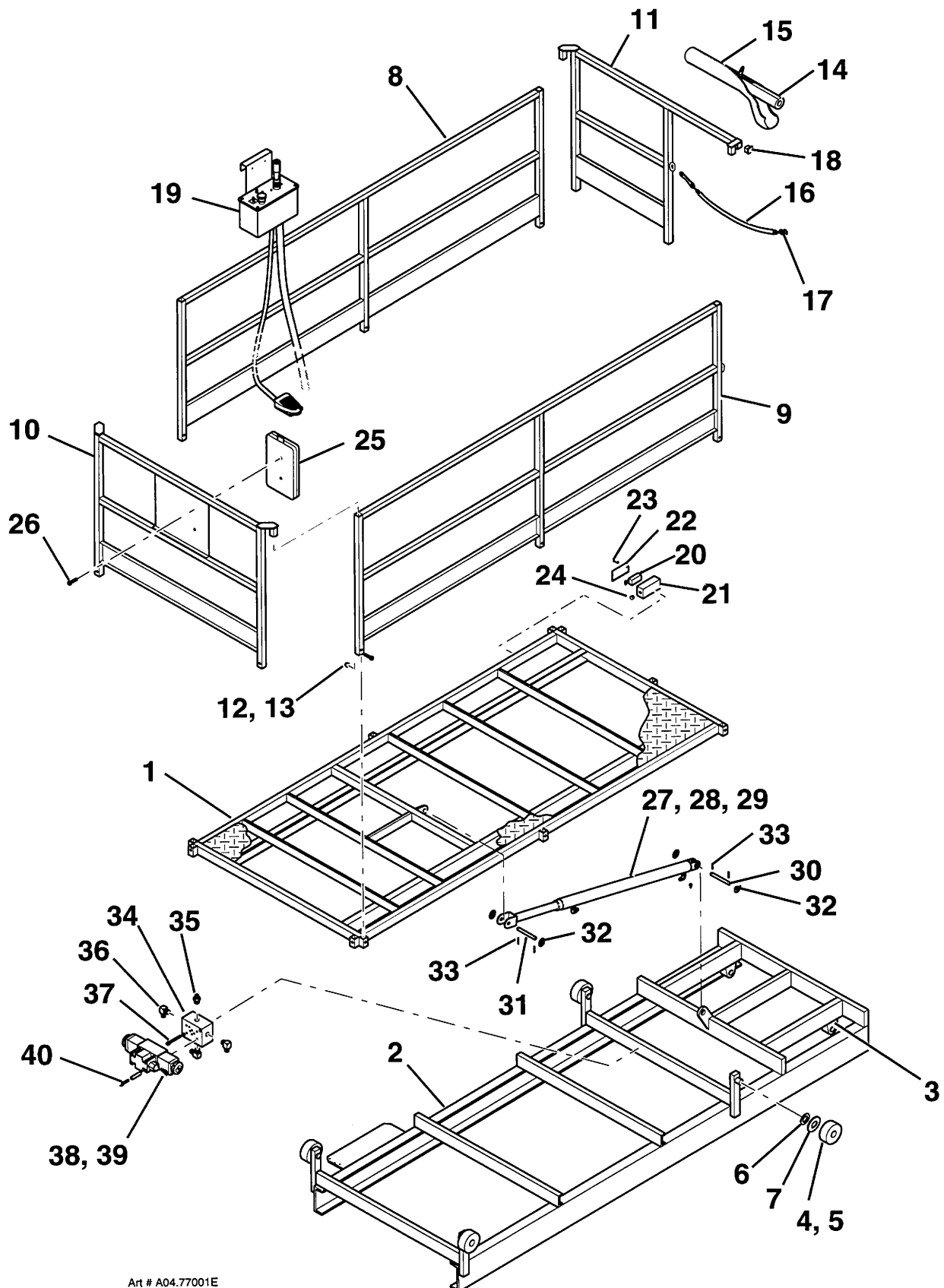
TITLE PLATFORM ASS'Y (TRAVERSING), 3020, 3715, 4612 SCISSORS (1 OF 2)

PLATE NO. 04.77

SIMON AERIALS INC.

REV. 05 DEC., 1996

PART NO.



Art # A04.77001E

TITLE PLATFORM ASS'Y (TRAVERSING), 3020, 3715, 4612 SCISSORS (1 OF 2)

SIMON AERIALS INC.

REV. 05 DEC., 1996

PART
NO.

PLATE
NO.

04.77

PARTS LIST

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TITLE PLATFORM ASS'Y (TRAVERSING), 3020, 3715, 4612 SCISSORS (2 OF 2)

PLATE NO. 04.77	SIMON AERIALS INC.
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REV. 05 DEC., 1996

PART
NO.

PARTS LIST

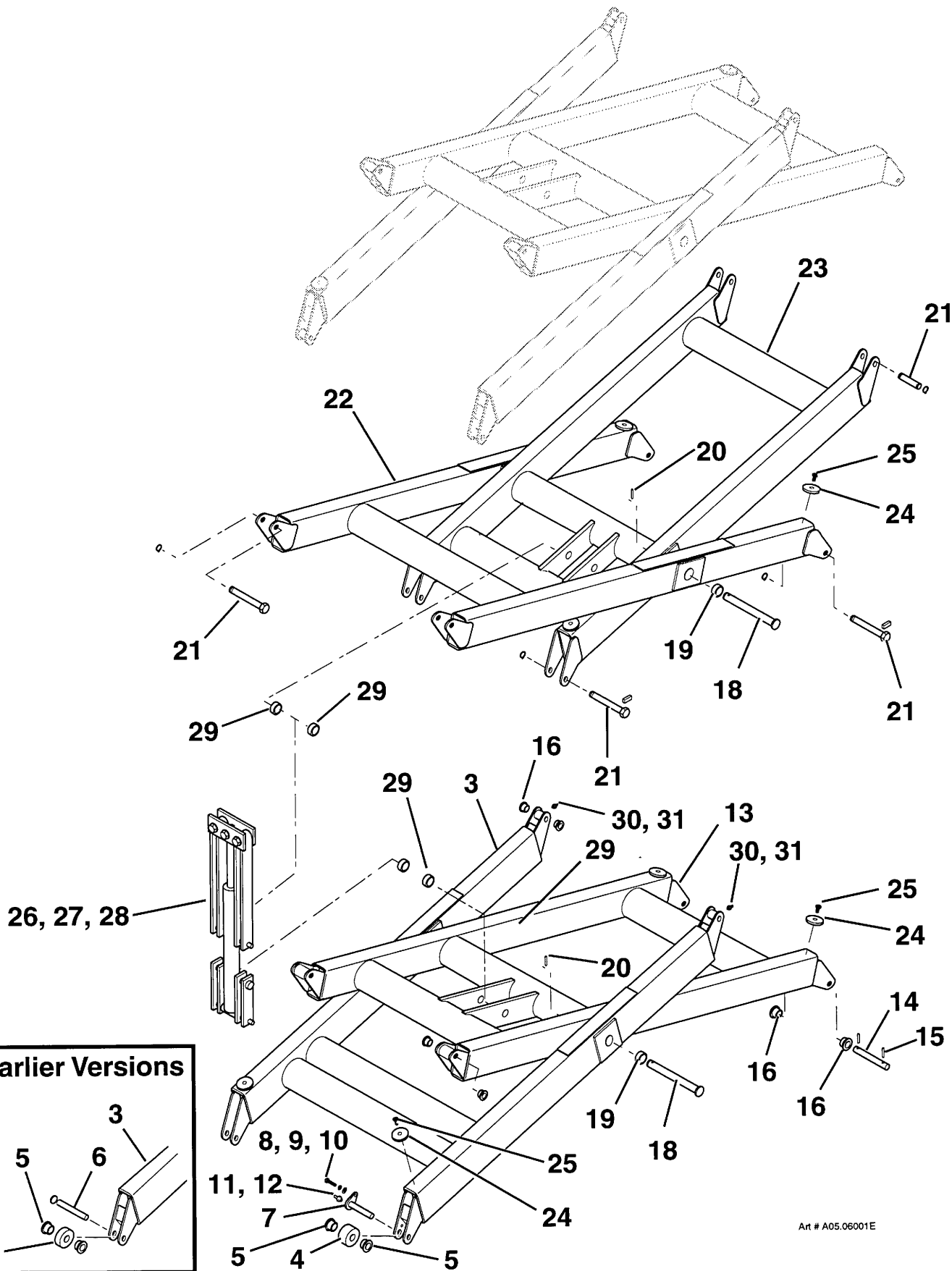
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1			SCISSORS ARM SET GROUP	1
2			SCISSORS ARM ASSEMBLY	1
3	222 6600		ARM WELDMENT (Outer, bottom [#1] segment)	1
4	221 6580		ROLLER, SCISSOR ARM (lower)	2
5			BUSHING, SCISSOR ARM ROLLER (flanged)	
	08-100300		Brass, 1" I.D., 1.25" O.D., .75" long (earlier version)	4
	08-077700		Bronze, 1" I.D., 1.25" O.D., .75" long (current version)	2
	08-077800		Bronze, 1" I.D., 1.25" O.D., 1.0" long (current version)	2
6	221 9120		PIN, SCISSOR ARM ROLLER (lower) (earlier version)	2
7	235 9850		PIN, SCISSOR ARM ROLLER (lower) (current version)	2
8	07-003045		CAP SCREW, HEX HEAD (3/8"-16 x 1", Grade 5)	2
9	07-065016		WASHER, HELICAL LOCK (3/8")	2
10	07-062014		WASHER, FLAT (3/8")	2
11	11-201400		FITTING, GREASE (1/4")	2
12	08-066300		COVER, GREASE FITTING (White plastic)	2
13	222 6650		ARM WELDMENT (Inner, bottom [#1] segment)	1
14	221 9090		PIN (Bottom [#1] inner arm to undercarriage frame)	2
15	07-100000		ROLL PIN (5/16" x 2")	4
16	08-100200		BUSHING (Oilite, flanged. 1.00" I.D., 1.88" O.D., 1" long) (replaces 26-800527)	34
17	08-040600		RING, SNAP	4
18	222 6350		PIN, CENTER	8
19	08-075600		BUSHING (Fibre glide) (replaces 26-800498)	16
20	07-102900		PIN	8
21	222 6450		PIN (Arm to arm connecting)	12
22	222 6470		ARM WELDMENT (Outer, #2 segment)	1
23	222 6630		ARM WELDMENT (Inner, #2 segment)	1
24	10-214600		BUMPER (Nylon)	12
25	07-015003		MACHINE SCREW, FLAT HEAD (1/4"-20 x 3/4", Grade 5)	12
26	See plate . .	11.87	CYLINDER, LIFT (Lower)	1
27			FUSE, VELOCITY	
	03-611500		5 GPM (18.9 L/ min) (color coded Black)	1
28	06-051600		90° ELBOW, SWIVEL NUT (8 C6X-S)	1
29	08-083100		BUSHING (Fibre glide, 7/8" I.D. x 3/4" long)	8
30	08-050000		FITTING, GREASE (1/8" NPT straight)	14
31	08-066300		CAP, GREASE FITTING (White plastic)	14

TITLE ARM SET GROUP, MODEL 3020 (PLATE 1 OF 3, LOWER ARM SET)

PLATE NO. 05.06 **SIMON AERIALS INC.**

REV. 08 JAN., 1997

PART NO.



Art # A05.06001E

TITLE ARM SET GROUP, MODEL 3020 (PLATE 1 OF 3, LOWER ARM SET)

SIMON AERIALS INC.

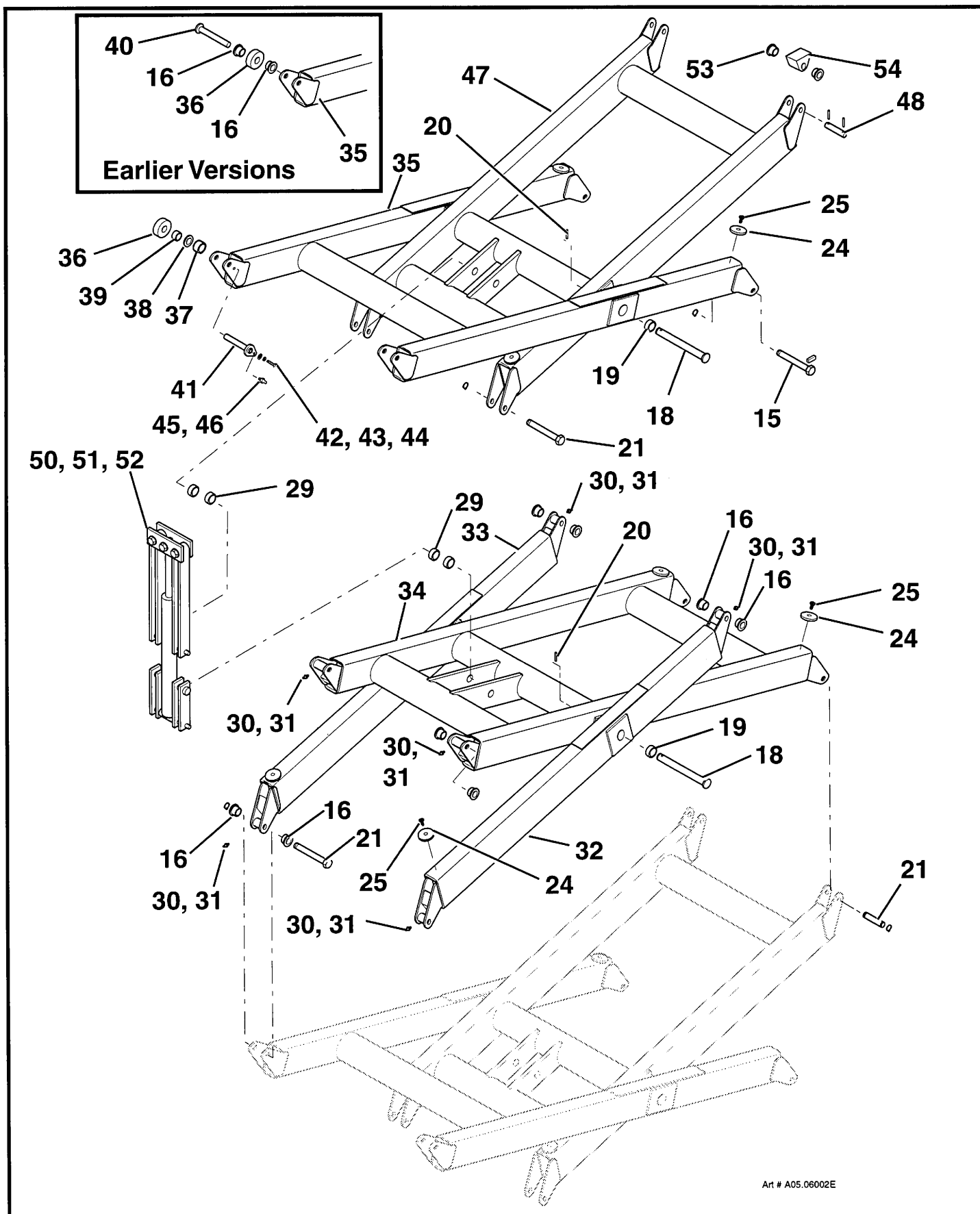
REV. 08 JAN., 1997

PART
NO.

PLATE
NO. 05.06

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PLATE NO.	05.06	SIMON AERIALS INC.	REV. 08 JAN., 1997	PART NO.
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Art # A05.06002E

TITLE ARM SET GROUP, MODEL 3020 (PLATE 2 OF 3, UPPER ARM SET)

SIMON AERIALS INC.

REV. 08 JAN., 1997

PART
NO.

PLATE
NO. 05.06

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
54	221 6460		SCISSORS ARM SET GROUP (continued) EAR, SCISSOR MOUNTING (Welds to underside of platform)	2
55	05-081600		HOSE, HYDRAULIC (3/8") (Bulk item. Can be cut to fit as shown on chart, below.)	A.R.
56	05-081500		HOSE, HYDRAULIC (1/4") (Bulk item. Can be cut to fit as shown on chart, below.)	A.R.
57			HOSE KIT, 3020 SCISSORS ARM SET (Not available. Order individual components.)	1

Key No.	Hose		Size:	Ferrule (Need 2)	Fitting (End 1)	Fitting (End 2)
	From:	To:				
58 59	Bottom of scissors	Union tee	3/8" x 12 ft 11 in (3.9 m) 1/4" x 25 ft 1 in (7.64 m)	Item 64 (2) Item 65 (2)	Item 66 Item 68	Item 69 Item 70
60 61	Union tee	Bottom cylinder	3/8" x 41 in (1.02 m) 1/4" x 71 in (1.78 m)	Item 64 (2) Item 65 (2)	Item 66 Item 68	Item 67 Item 68
62 63	Union tee	Top cylinder	3/8" x 23 ft 9 in (7.24 m) 1/4" x 24 ft 4 in (7.42 m)	Item 64 (2) Item 65 (2)	Item 69 Item 70	Item 67 Item 68

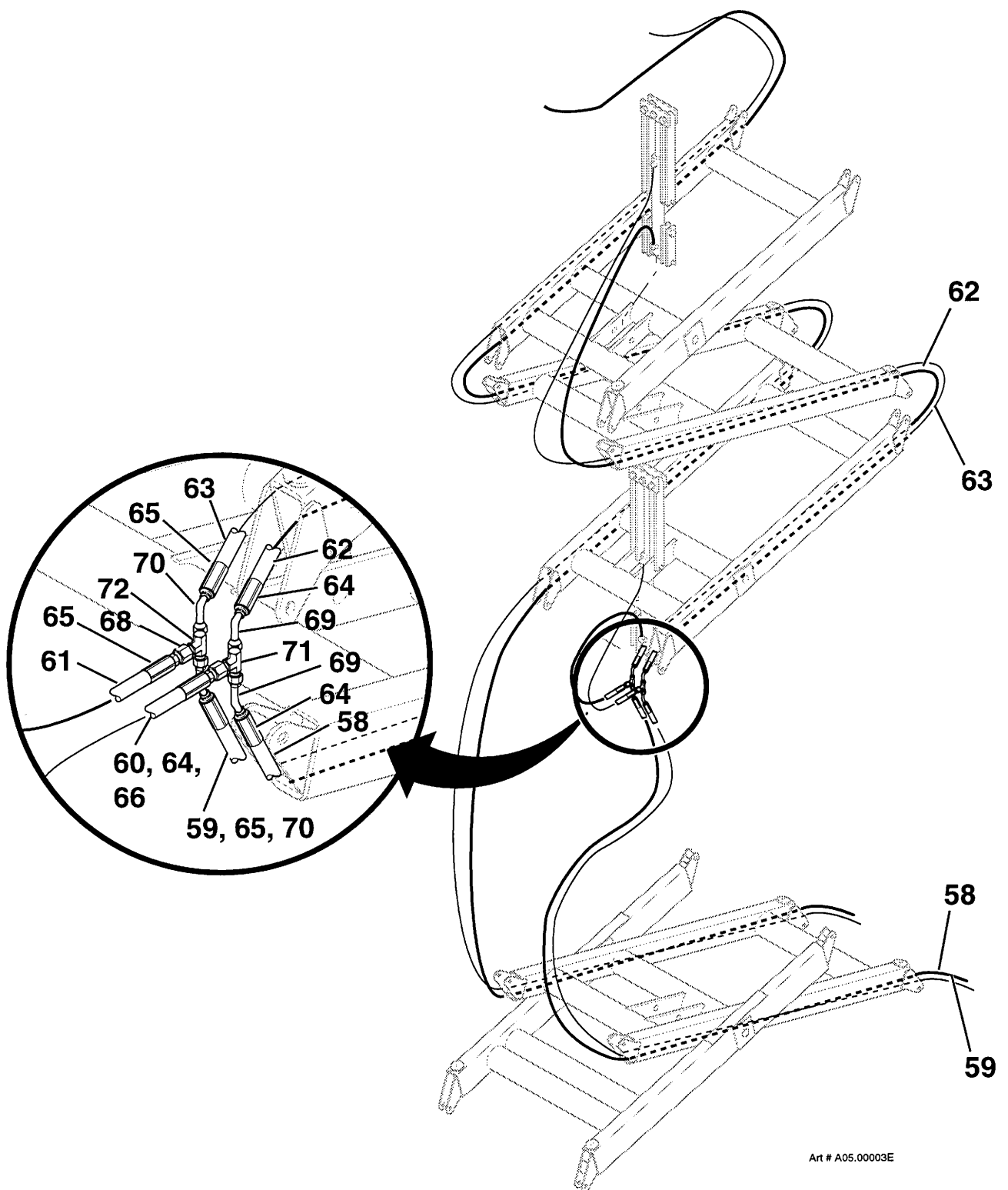
64	06-000030		FERRULE, HOSE END (6MP 3KPCA)	6
65	06-155200		FERRULE, HOSE END (4MP 3KPCA)	6
66	06-144900		STRAIGHT FITTING, HOSE END (6-6 FJX-S)	2
67	06-145200		STRAIGHT FITTING, HOSE END (6-8 FJX-S)	2
68	06-144300		STRAIGHT FITTING, HOSE END (4-4 FJX-S)	4
69	06-212500		45° FITTING, HOSE END (6C2-6 FJX-S)	2
70	06-212400		45° FITTING, HOSE END (4C2-4 FJX-S)	2
71	06-021000		UNION TEE, 37° MALE (6 JTX-S)	1
72	06-020800		UNION TEE, 37° MALE (4 JTX-S)	1
73	08-800509		CLAMP, HOSE (12.25" to 12.38" dia.)	A.R.
74	10-800510		SCREW	A.R.

TITLE SCISSOR ARM FITTINGS AND HOSES, MODEL 3020 (PLATE 3 OF 3)

PLATE NO. 05.06 **SIMON AERIALS INC.**

REV. 08 JAN., 1997

PART NO.



TITLE SCISSOR ARM FITTINGS AND HOSES, MODEL 3020 (PLATE 3 OF 3)

SIMON AERIALS INC.

REV. 08 JAN., 1997

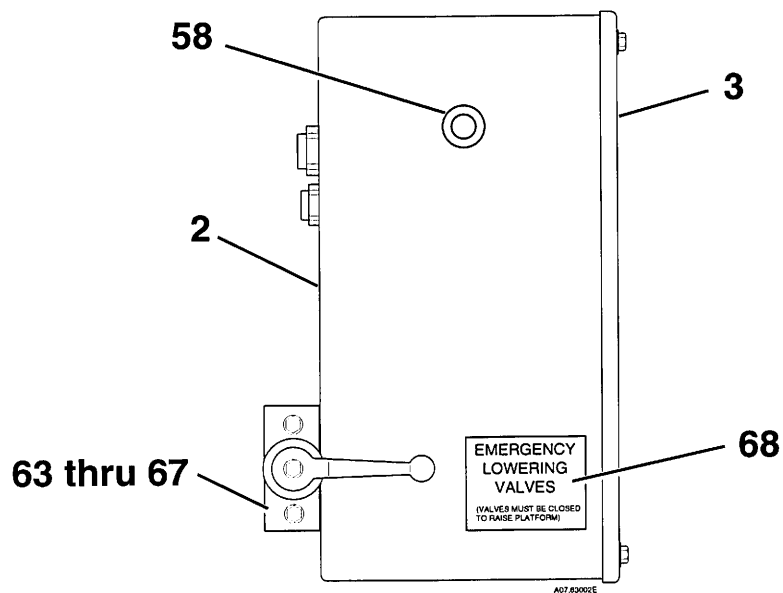
PART
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PLATE
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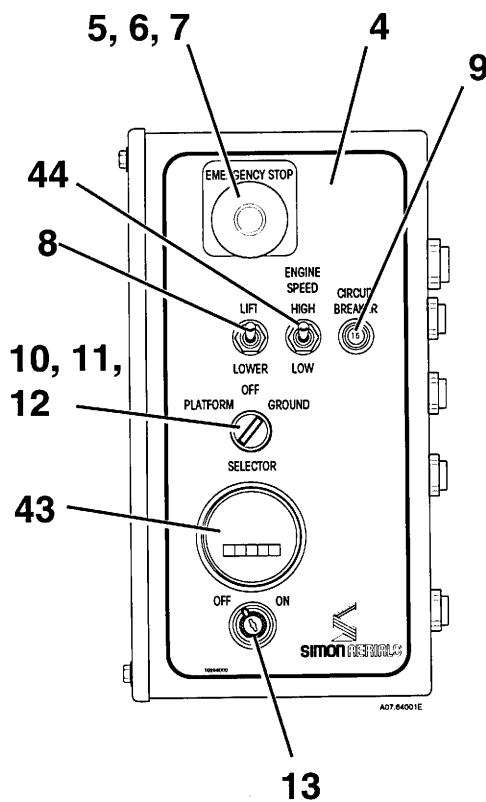
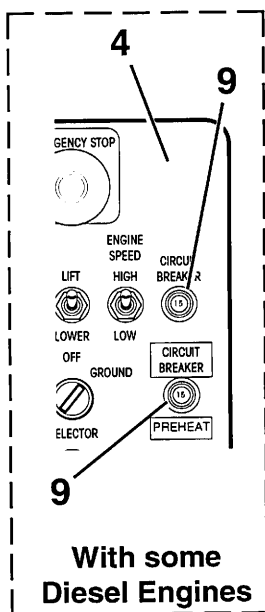
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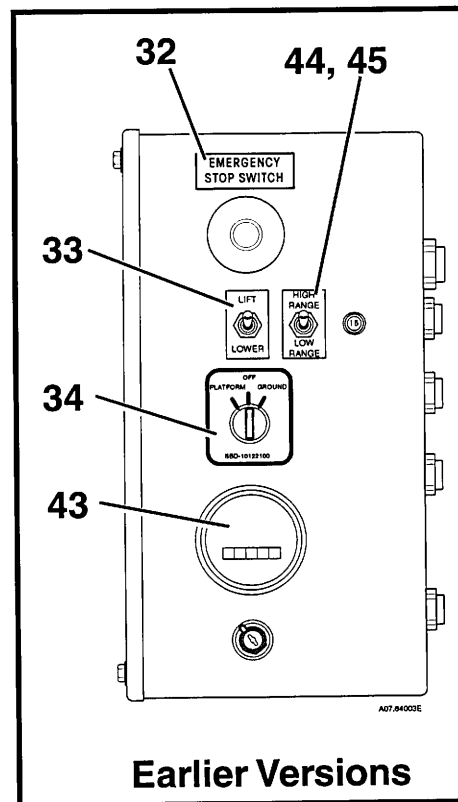
PLATE NO.	07.56	SIMON AERIALS INC.	REV. 03 DEC., 1996	PART NO.
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Left Side View



Right Side View



Earlier Versions

TITLE LOWER CONTROL BOX, ENGINE POWERED SCISSORS (PLATE 1 OF 4)

SIMON AERIALS INC.

REV. 03 DEC., 1996

PART NO.

PLATE NO. 07.56

PARTS LIST

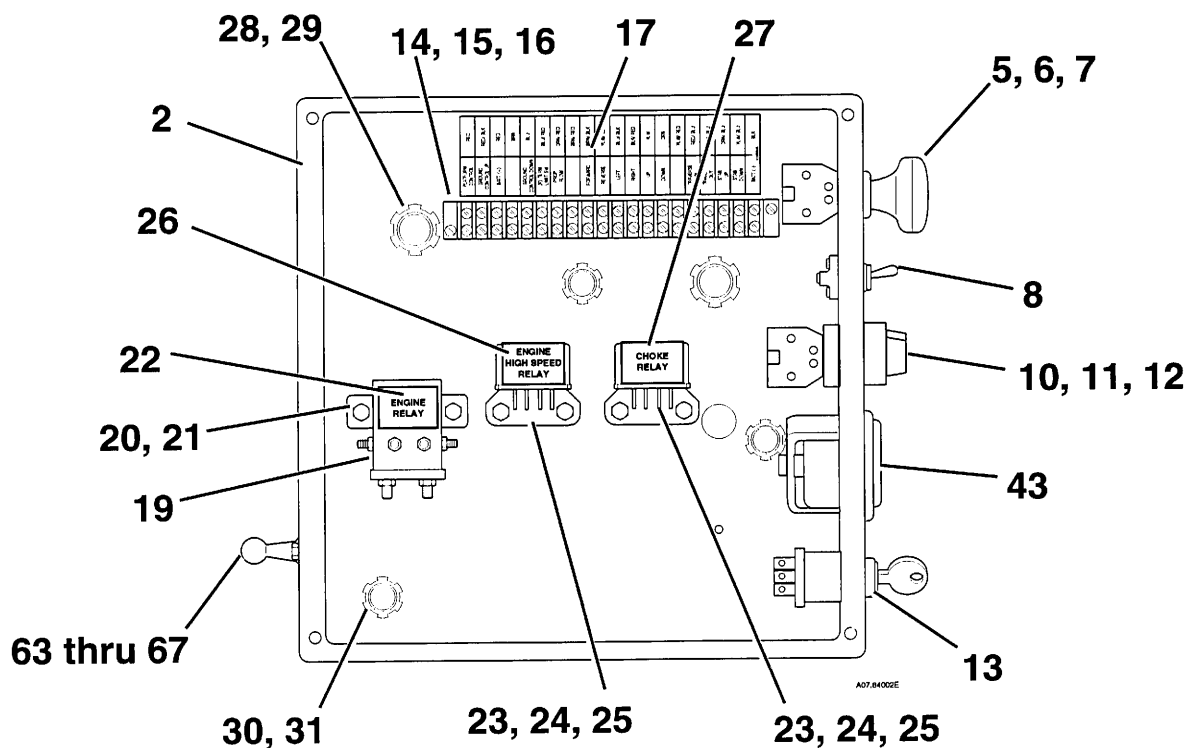
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
14	03-610100		BLOCK, TERMINAL (20 position)	1
15	07-011335		CAP SCREW, SLOTTED PAN HEAD (#6-32 x 1/2")	2
16	07-050007		NUT, STOP (#6-32, Grade 5)	2
17			DECAL, 20 POSITION TERMINAL BLOCK	1
	10-279900		For versions except as listed below	
	10-280000		For versions with optional side by side outriggers, but without optional traversing deck	
18	03-603400		DIODE (3 Amp, 1000 Volt)	7
19	22-700060		RELAY, SOLENOID (Engine) (12 Volt DC, with one normally open, one normally closed circuit)	1
20	07-003001		CAP SCREW, HEX HEAD (1/4"-20 x 1/2", Grade 5)	2
21	07-050014		NUT, STOP (1/4"-20, Grade 5)	2
22	10-232400		DECAL, "ENGINE RELAY"	1
23	22-101306		RELAY, POWER	2
24	07-003001		CAP SCREW, HEX HEAD (1/4"-20 x 1/2", Grade 5)	4
25	07-050014		NUT, STOP (1/4"-20, Grade 5)	4
26	10-265800		DECAL, "ENGINE HIGH SPEED RELAY"	1
27	10-265600		DECAL, "CHOKE RELAY"	1
28	03-700500		GRIP, CORD (Plastic, 3/4", with .545 to .708" dia. seal)	2
29	03-055600		NUT, CONDUIT LOCK (3/4")	2
30	03-700400		GRIP, CORD (Plastic, 1/2", with .236 to .472" dia. seal)	3
31	03-055500		NUT, CONDUIT LOCK (1/2")	3
			The following items were found on earlier versions of Lower Control Box Assembly 354 4390:	
32	47-100224		DECAL, "EMERGENCY STOP SWITCH"	
			(used on earlier versions with separate decals)	1
33	10-209500		PLATE, "LIFT/ LOWER" (Silver type on Black) (earlier style)	1
	10-209500		DECAL, "UP/ DOWN" (Black type on White, with arrows)	
			(Some earlier versions. Replaced by "Lift/ Lower" plate.)	1
	48-101202		PLUG, CAP (1/2", plastic) (Earlier versions, when optional engine speed switch is not fitted)	1
34	10-225800		DECAL, "PLATFORM/ OFF/ GROUND" (earlier versions) (some versions were labelled "10-122100")	1

TITLE LOWER CONTROL BOX, ENGINE POWERED SCISSORS (PLATE 2 OF 4)

PLATE NO. 07.56 **SIMON AERIALS INC.**

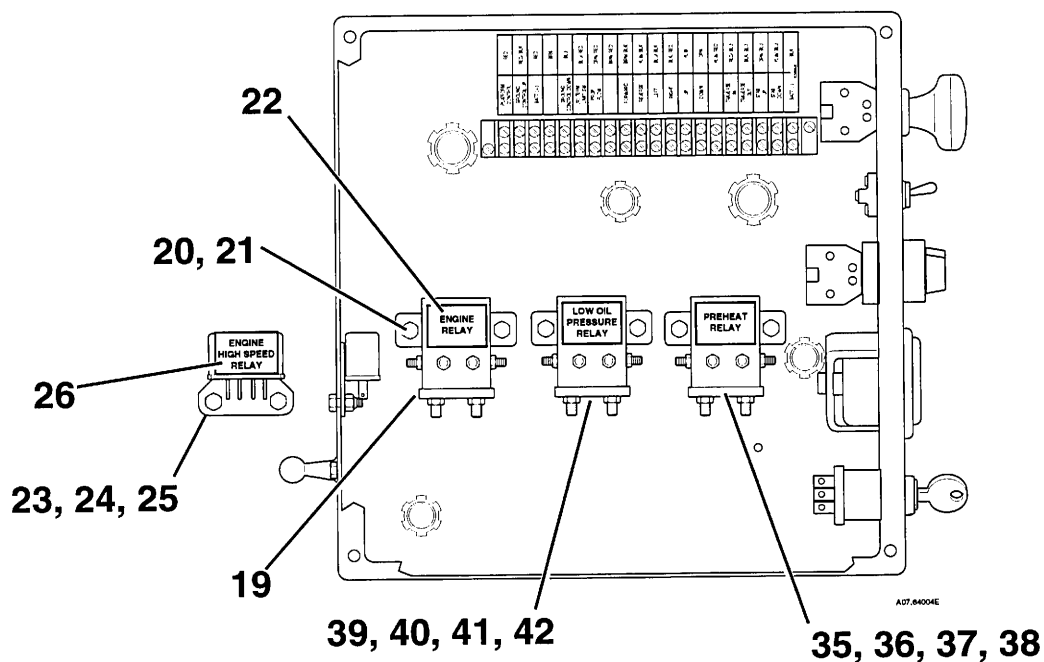
REV. 03 DEC., 1996

PART NO.



With Gas or Dual Fuel Engines (Typical Application)

With optional Diesel Engines (Typical Application)



TITLE LOWER CONTROL BOX, ENGINE POWERED SCISSORS (PLATE 2 OF 4)

SIMON AERIALS INC.

REV. 03 DEC., 1996

**PART
NO.**

**PLATE
NO.**

PARTS LIST

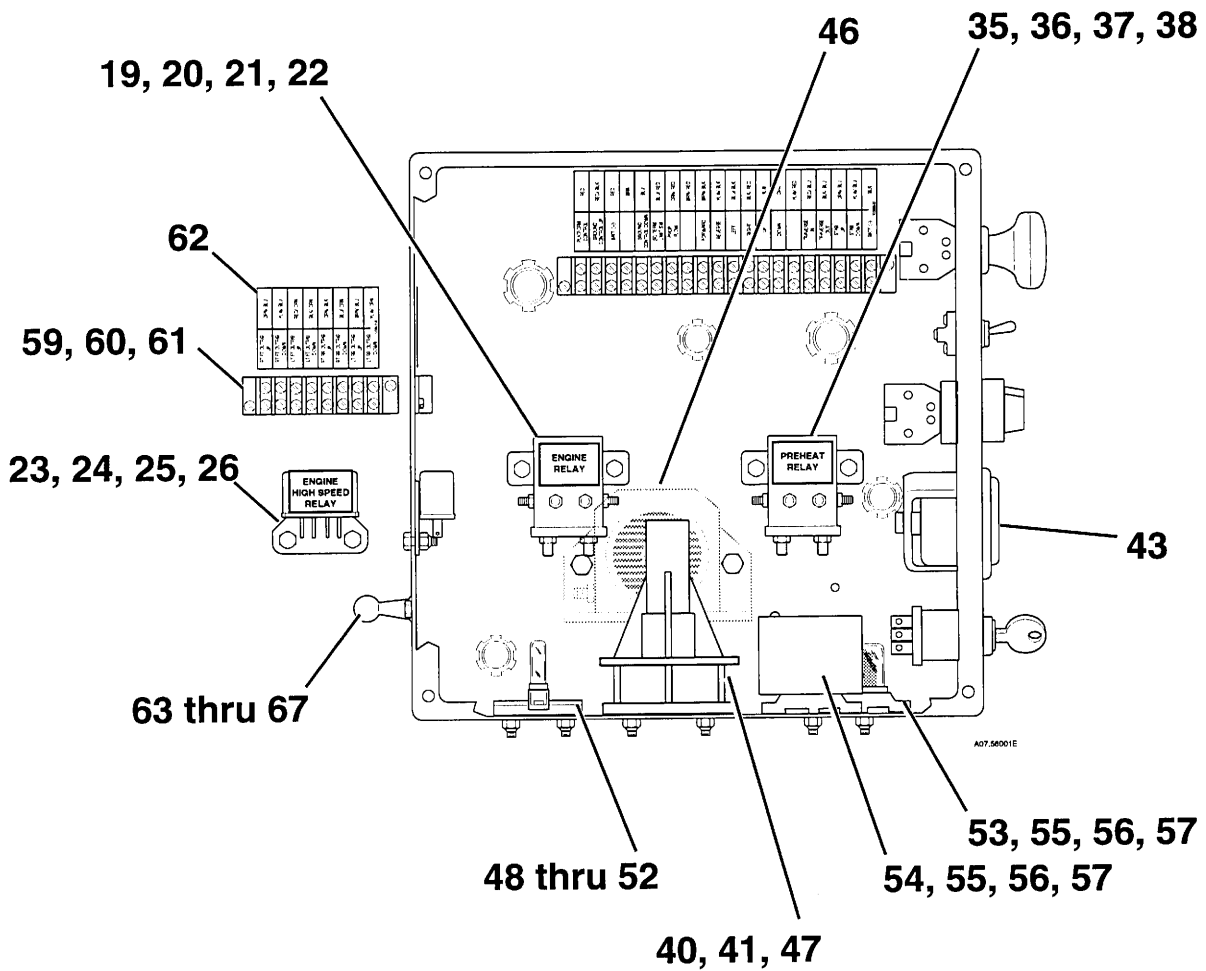
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
			The following items are not included with Lower Control Box Assembly 354 4390:	
35	22-700060		RELAY, SOLENOID (Preheat) (with optional Diesel engines) (12 Volt DC, one normally open, one normally closed circuit)	1
36	07-003001		CAP SCREW, HEX HEAD (1/4"-20 x 1/2", Grade 5)	2
37	07-050014		NUT, STOP (1/4"-20, Grade 5)	2
38	10-232900		DECAL, "PREHEAT RELAY"	1
39	22-700060		RELAY, SOLENOID (Low oil pressure) (used with some optional engines) (12 Volt DC, with one normally open, one normally closed circuit)	1
40	07-003001		CAP SCREW, HEX HEAD (1/4"-20 x 1/2", Grade 5)	4
41	07-050014		NUT, STOP (1/4"-20, Grade 5)	4
42	10-232500		DECAL, "LOW OIL PRESSURE RELAY"	1
43	03-030500		HOUR METER (24 Volt) (option)	1
44	03-020400		SWITCH, TOGGLE (Engine speed, option) (2 position, maintained contact)	1
45	10-205100		PLATE, "HIGH RANGE/ LOW RANGE" (Earlier versions, when optional engine speed switch is fitted)	1
46			ALARM, MOVEMENT (option)	1
	03-466100		with gas or optional dual fuel engines (97 db)	
	03-464600		with optional Diesel engines (102 db)	
47	03-987100		SENSOR, LEVEL (3°) (option) (replaces 03-610800)	1
48	03-051500		RELAY, PLUG IN (12 Volt DC, single pole) (option)	1
49	03-051600		SOCKET, RELAY (single pole, snap mount)	1
50	03-051700		RAIL, TERMINAL (1 m [39.37"] long section. Cut to fit.)	1
51	07-011335		MACHINE SCREW, SLOTTED PAN HEAD (#6-32 x 1/2")	2
52	07-050007		NUT, STOP (#6-32, Grade 5)	2
53	03-050100		RELAY, PLUG IN (12 Volt DC, double pole) (option)	1
54	03-052800		RELAY, TIME DELAY (0.1 to 102.3 second, 12 VDC) (option)	1
55	03-037500		SOCKET, RELAY (double pole, 8 pin)	2
56	07-011419		MACHINE SCREW, PAN HEAD (#10-32 x 5/8")	4
57	07-050111		NUT, STOP (#10-32, Grade 2)	4

TITLE LOWER CONTROL BOX, ENGINE POWERED SCISSORS (PLATE 3 OF 4)

PLATE NO. 07.56 **SIMON AERIALS INC.**

REV. 03 DEC., 1996

PART NO.



With optional equipment or
some special applications

TITLE LOWER CONTROL BOX, ENGINE POWERED SCISSORS (PLATE 3 OF 4)

SIMON AERIALS INC.

REV. 03 DEC., 1996

PART
NO.

PLATE
NO.

PARTS LIST

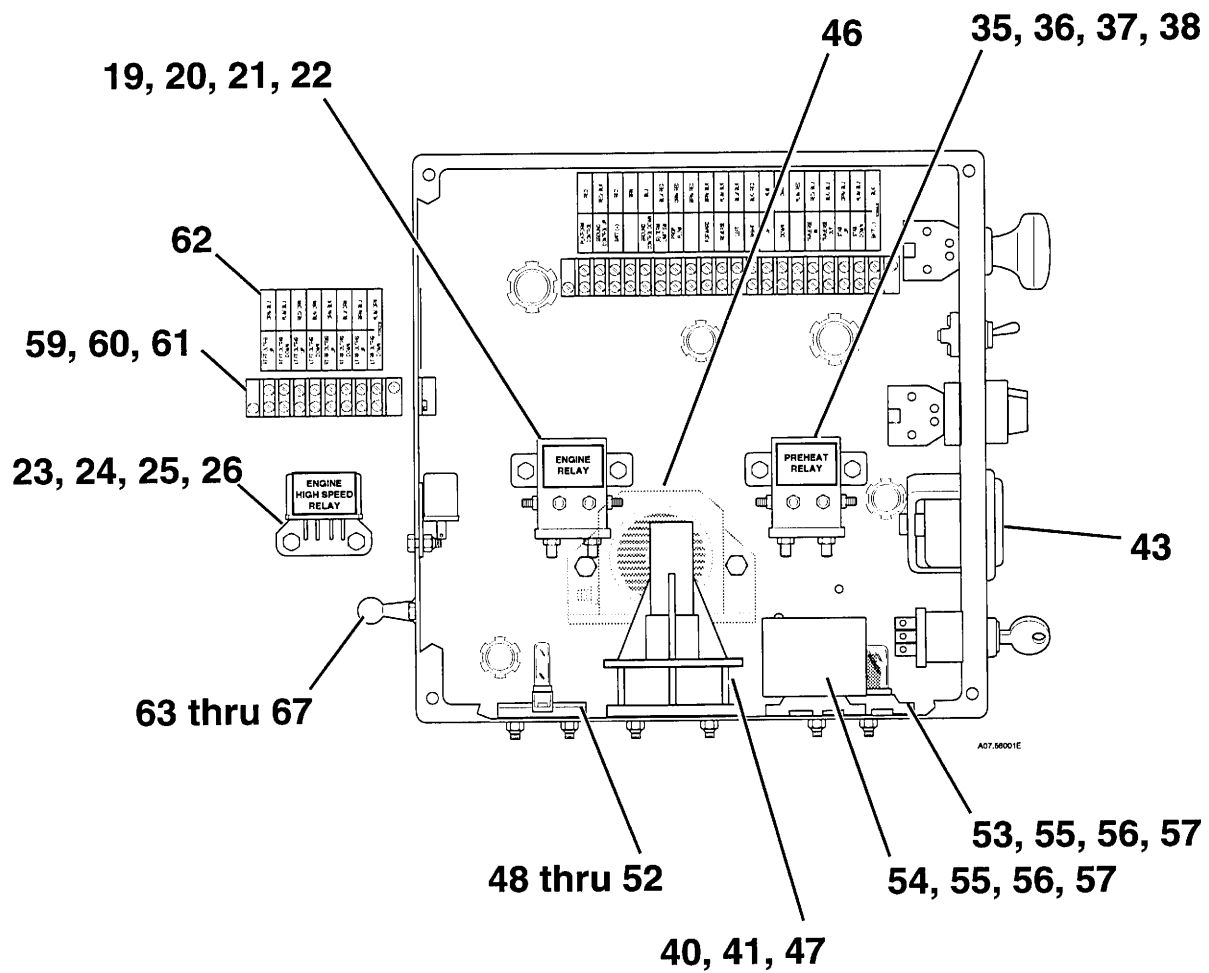
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TITLE LOWER CONTROL BOX, ENGINE POWERED SCISSORS (PLATE 4 OF 4)

PLATE NO. 07.56	SIMON AERIALS INC.
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REV. 03 DEC., 1996

PART
NO.



With optional equipment or
some special applications

TITLE LOWER CONTROL BOX, ENGINE POWERED SCISSORS (PLATE 4 OF 4)

SIMON AERIALS INC.

REV. 03 DEC., 1996

PART
NO.

PLATE
NO.

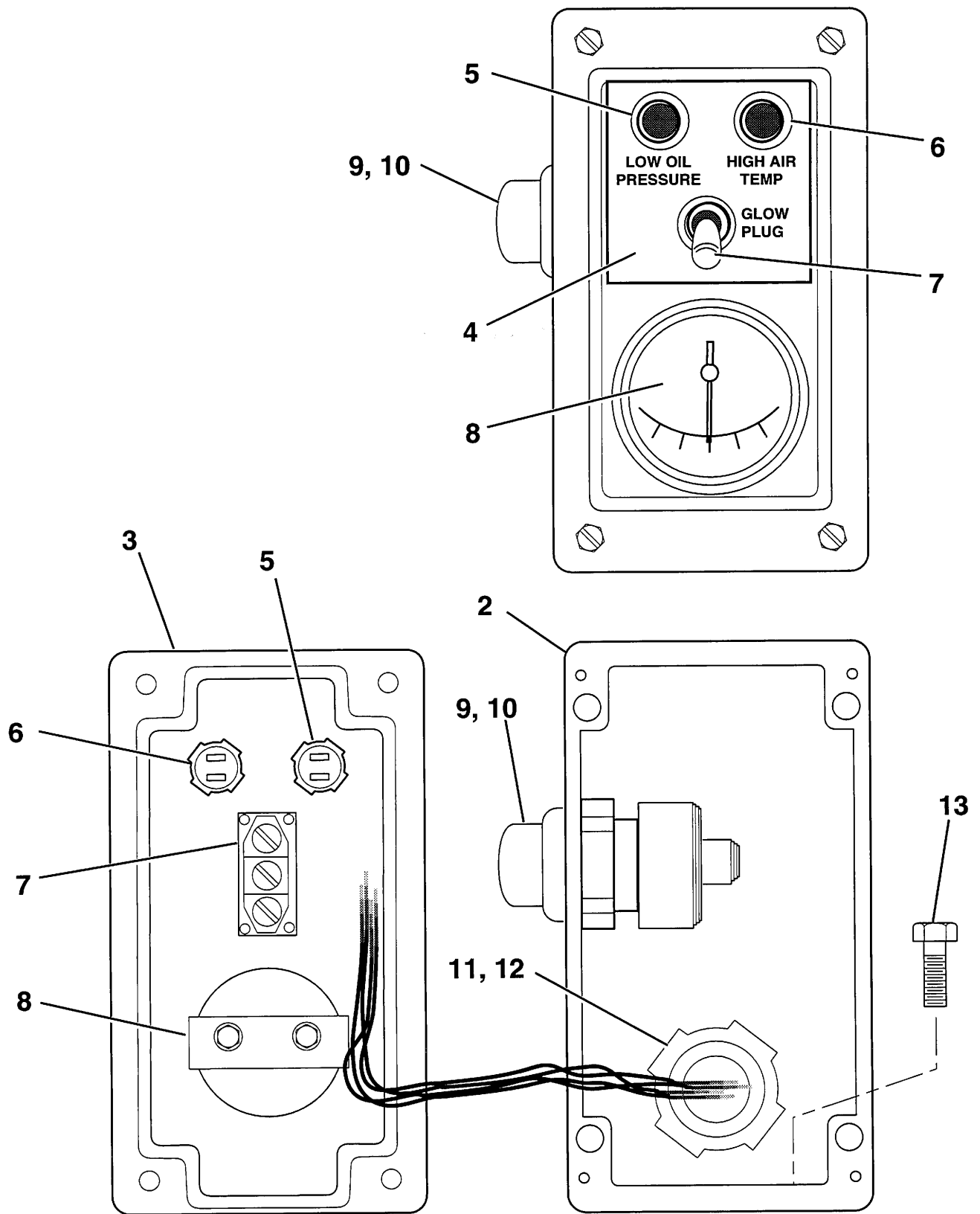
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PLATE No. 07.66

SIMON AERIALS INC.

REV. 24 SEP., 1996

PART
NO.



Art # A07.66001E

TITLE MOTOR CONTROL BOX (SCISSORS, WITH DEUTZ ENGINE)

SIMON AERIALS INC.

REV. 24 SEP., 1996

**PART
NO.**

**PLATE
NO.**

07.66

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1			ENGINE ASSEMBLY (Wisconsin W4-1770 Gasoline)	1
			ENGINE ASSEMBLY (Wisconsin W4-1770 Dual fuel)	1
2			ENGINE (Wisconsin W4-1770 air cooled four cylinder)	1
	09-006700		35 hp (26 kW), 1.77 L gasoline powered	
	09-021000		35 hp (26 kW), 1.77 L dual fuel (shown)	
3			CLEANER, AIR (from engine supplier)	1
4			HOSE, FLEX (2" O.D., 12" long) (engine supplier)	1
5			CLAMP, HOSE (from engine supplier)	2
6			BOWL, FUEL (from engine supplier)	1
7	09-000403		SOLENOID, HIGH SPEED (12 Volt DC) (replaces 22-800930)	1
8	221 7860		BRACKET, HIGH SPEED SOLENOID	1
9	07-003007		CAP SCREW, HEX HEAD (1/4"-20 x 1-1/2", Grade 5)	6
10	07-060014		WASHER, FLAT (1/4" SAE)	6
11	07-065014		WASHER, HELICAL LOCK (1/4")	2
12	22-800931		SOLENOID, CHOKE	1
13	09-061200		SPRING, CHOKE RETURN	1
14	07-117400		PIN, COTTER (3/32" x 3/4") (replaces 1/8" x 1" roll pin 07-075414 used earlier)	1
15	221 6550		BRACKET, CHOKE SOLENOID	1
16	07-092800		CAP SCREW, SOCKET HEAD (#8-32 x 1/2", Grade 8)	2
17	07-092900		WASHER, INTERNAL TOOTH LOCK (#8)	2
18			LEVER, CHOKE (comes with engine)	1
19	11-204900		NIPPLE, EXHAUST (1-1/4" x 3")	1
20	11-050126		90° ELBOW, FEMALE (1-1/4" to 1-1/2")	1
21	09-007900		MUFFLER	1
22	05-081900		FUEL LINE (5/16") (Bulk item, must be cut to fit)	A.R.
23	09-014800		CLAMP, WORM (1", #8)	2
24			GUARD, ALTERNATOR (001 8740)	1
25	02-103800		COUPLING HALF (Engine side, 1-7/16" bore, 3/8" key)	1
26	02-104300		COUPLING HALF (Pump side, 5/8" bore, 5/32" key)	1
27	02-102700		SPIDER, COUPLING	1
28	215 7400		KEY, SQUARE (3/8" x 1-1/2" long)	1
29	02-106100		ADAPTER, PUMP MOUNTING	1
30	07-003066		CAP SCREW, HEX HEAD (7/16"-14 x 1-1/4", Grade 5)	4
31	07-065017		WASHER, HELICAL LOCK (7/16")	4

TITLE ENGINE, WISCONSIN W4-1770 (SCISSORS) (PLATE 1 OF 2)

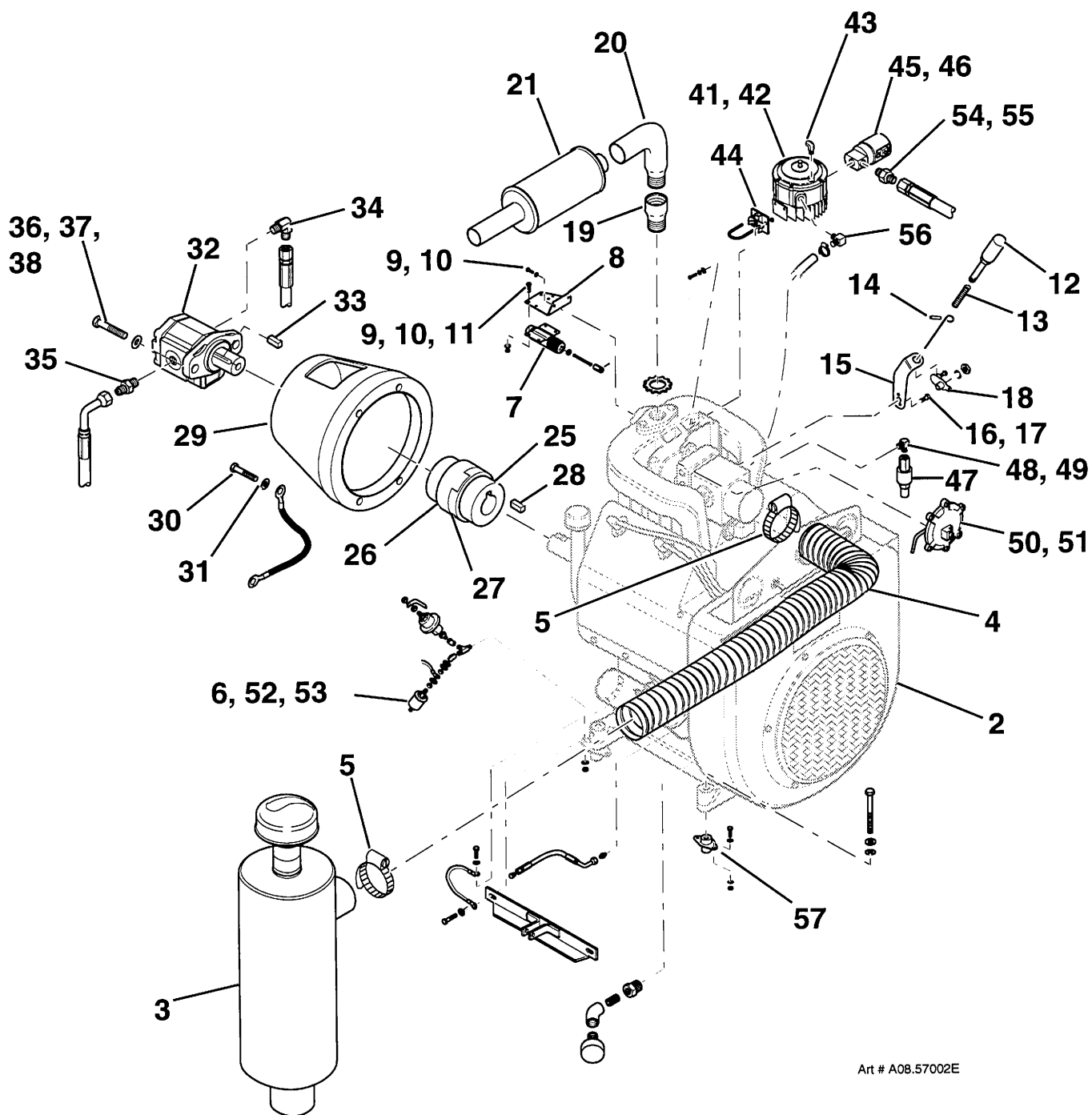
PLATE NO.

08.57

SIMON AERIALS INC.

NEW 04 OCT., 1996

PART NO.



Art # A08.57002E

TITLE ENGINE, WISCONSIN W4-1770 (SCISSORS) (PLATE 1 OF 2)

SIMON AERIALS INC.

NEW 04 OCT., 1996

PART
NO.

PLATE
NO.

08.57

PARTS LIST

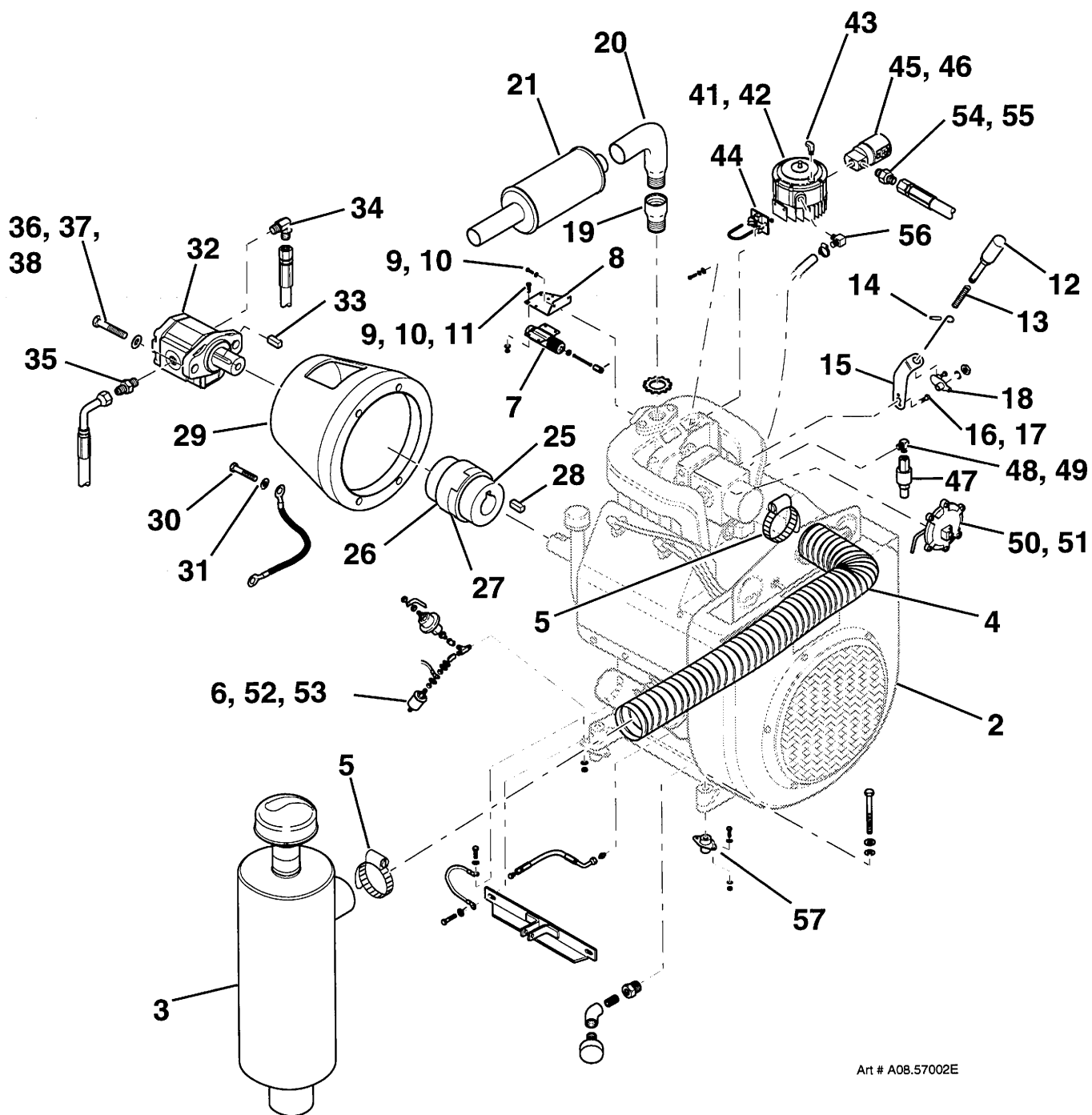
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
32	01-109100		PUMP, HYDRAULIC (1.403 in ³ [23 c.c.]/ rev.)	1
33			KEY, SQUARE (5/32")	1
34	06-045300		90° ELBOW, "O"-RING TO 37°	
			(10-12 C5OX-S) (12MB-10MJ 90°)	1
35	06-041100		ADAPTER, "O"-RING TO 37°	
			(12-16 F5OX-S) (12MJ-16MB)	1
36	07-003045		CAP SCREW, HEX HEAD (3/8"-16 x 1", Grade 5)	2
37	07-065016		WASHER, HELICAL LOCK (3/8")	2
38	07-062015		WASHER, FLAT (5/16")	2
			The following items are included with the Dual Fuel engine only:	
39	48-101296		ADAPTER, CARBURETOR (Propane intake)	1
40	24-100850		90° ELBOW (Power air adjuster)	1
41	09-060600		VAPORIZER (Electronic)	1
42			MESH, METAL	1
43	09-060014		90° STREET ELBOW (1/8")	1
44	221 8620		BRACKET, VAPORIZER MOUNTING	1
45	48-101291		SWITCH, SHUTOFF (LP gas, with filter)	1
46	06-076900		NIPPLE (LONG), PIPE THREAD (1/4 FF-S) (4MP-4MP)	1
47	09-038106		SOLENOID, GAS SHUTOFF (replaces 48-101294)	1
48	09-063200		NIPPLE (1/8" x 2", Brass)	1
49	09-062800		90° STREET ELBOW (1/8", Brass)	1
50	09-015800		SWITCH, VACUUM (Beam) (replaces 48-101293)	1
51	24-100513		NIPPLE (1/8" x 3", Brass)	1
52	09-062900		COUPLING, HOSE (1/4" male pipe to 5/16")	1
53	09-062800		90° STREET ELBOW (1/8", Brass)	1
54	09-063100		90° ELBOW (1/4", Brass)	1
55	09-063000		FITTING (1/4 MP-1/4 MJ, Brass)	1
56	24-100400		FITTING (1/2 NPT-1/2 JIC) (8MP-8 Barb)	1
			The following items are not included with the engine assembly:	
57	09-062500		MOUNT, MOTOR	4

TITLE ENGINE, WISCONSIN W4-1770 (SCISSORS) (PLATE 2 OF 2)

PLATE NO. 08.57 **SIMON AERIALS INC.**

NEW 04 OCT., 1996

PART NO.



Art # A08.57002E

TITLE ENGINE, WISCONSIN W4-1770 (SCISSORS) (PLATE 2 OF 2)

SIMON AERIALS INC.

NEW 04 OCT., 1996

PART
NO.

PLATE
NO.

08.57

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1			ENGINE GROUP (Kubota D 722B)	
2			ENGINE ASSEMBLY	1
3	09-054200		ENGINE, DIESEL (Kubota D 722B) (liquid cooled)	1
4			BRACKET, THROTTLE SOLENOID	1
5			CAP SCREW, HEX HEAD (1/4"-20, Grade 5)	2
6	07-062014		WASHER, FLAT (1/4")	2
7	07-050014		NUT, HEX LOCK (1/4"-20, Grade 5)	2
8			SOLENOID, THROTTLE	1
9	03-456803		MODULE, THROTTLE SOLENOID	1
10	07-013356		MACHINE SCREW, ROUND HEAD (#10-32 x 1-1/4", Grade 2)	2
11	07-062011		WASHER, FLAT (#10)	2
12	07-050111		NUT, LOCK (#10-32, Grade 2)	2
13	11-008005		ROD, THREADED (1/4"-28 x 36" [0.9 m] long. 6.75" [171.5 mm] needed here.)	1
14	07-101100		NUT, COUPLING (1/4"-28)	3
15	07-065014		WASHER, HELICAL LOCK (1/4")	1
16	03-469401		BALL JOINT (Straight)	1
17	03-469405		BALL JOINT (90°)	1
18	09-061700		PLATE, PUMP ADAPTER (SAE #5 [8 hole, 12-3/8" pilot] flywheel housing to SAE "A" pump mount)	1
19	09-061500		COUPLING, PUMP	1
20			FLANGE, PUMP COUPLING (Plastic, 6")	1
21			HUB, PUMP COUPLING	1
22			PUMP, HYDRAULIC	1
	01-108000		For Model 2515 (0.677 in ³ [11.1 c.c.]/ rev.)	
	01-109100		For Model 3020, 3715 or 4612 (1.403 in ³ [23 c.c.]/ rev.)	
23			KEY, SQUARE (5/32")	1
24	06-045300		90° ELBOW, "O"-RING TO 37° (10-12 C5OX-S) (12MB-10MJ 90°)	1
25	06-041100		ADAPTER, "O"-RING TO 37° (12-16 F5OX-S) (12MJ-16MB)	1
26	07-003046		CAP SCREW, HEX HEAD (3/8"-16 x 1-1/4", Grade 5)	2
27	07-065016		WASHER, HELICAL LOCK (3/8")	2
28	07-062016		WASHER, FLAT (3/8")	2

TITLE ENGINE ASSEMBLY, KUBOTA D-722 (PLATE 1 OF 2)

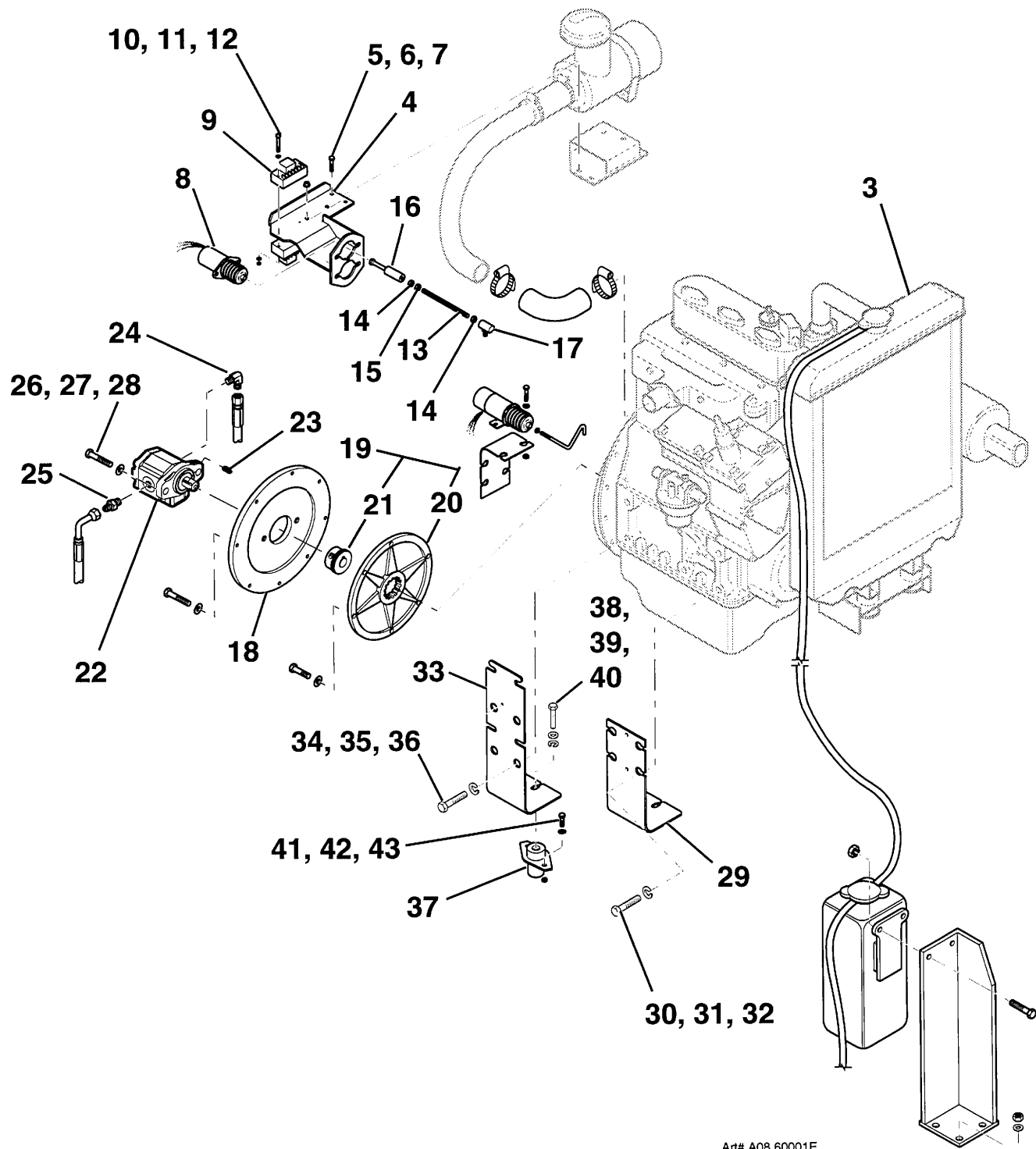
PLATE
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08.60

SIMON AERIALS INC.

NEW 04 OCT., 1996

PART
NO.



Art# A08.60001E

TITLE ENGINE ASSEMBLY, KUBOTA D-722 (PLATE 1 OF 2)

SIMON AERIALS INC.

NEW 04 OCT., 1996

PART
NO.

PLATE
NO. 08.60

PARTS LIST

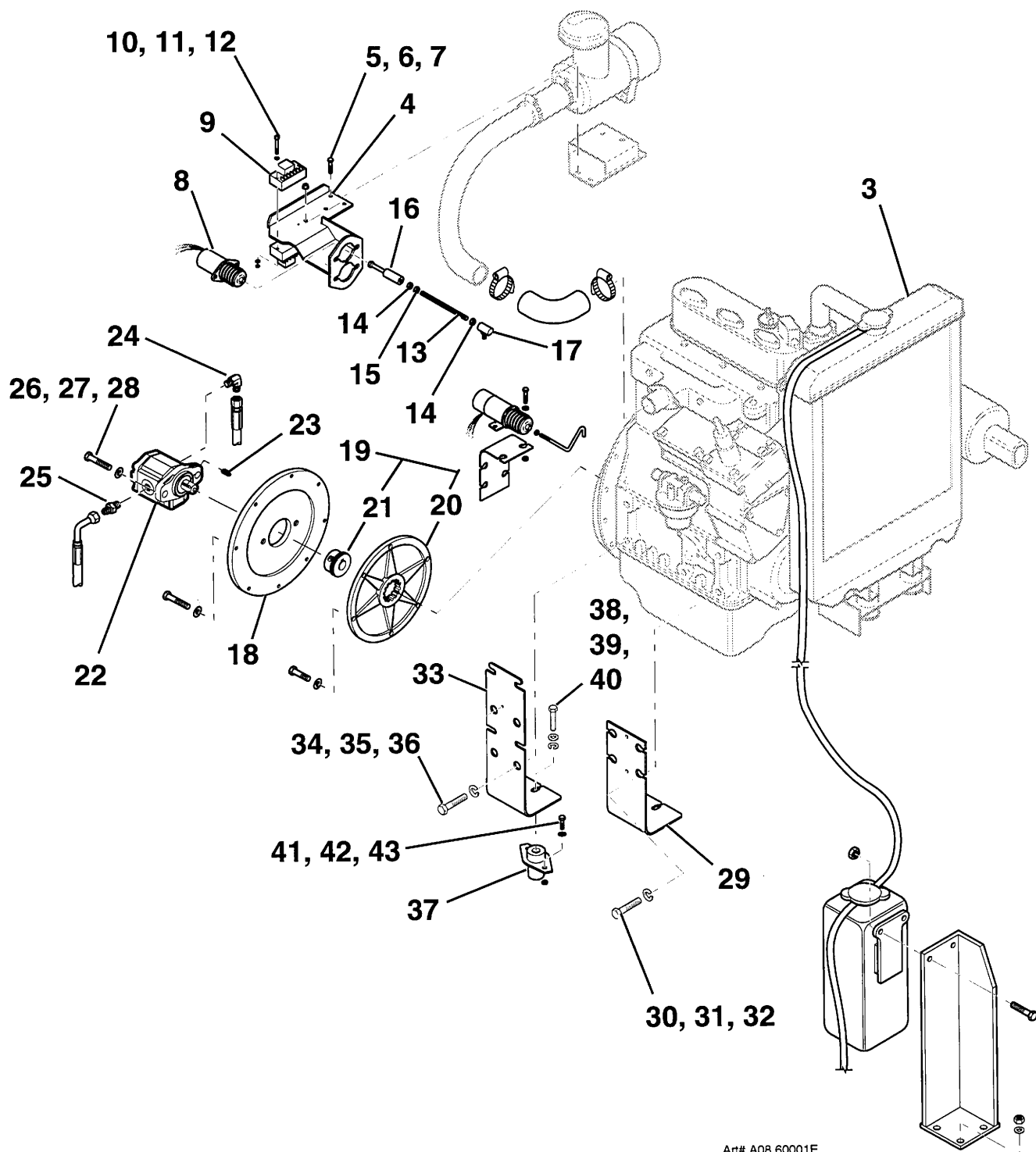
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TITLE	ENGINE ASSEMBLY, KUBOTA D-722 (PLATE 2 OF 2)
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PLATE NO.	08.60	SIMON AERIALS INC.
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NEW 04 OCT., 1996

**PART
NO.**



TITLE ENGINE ASSEMBLY, KUBOTA D-722 (PLATE 2 OF 2)

SIMON AERIALS INC.

NEW 04 OCT., 1996

PART
NO.

PLATE
NO. 08.60

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1			ENGINE GROUP (Deutz F2L 1011)	
2			ENGINE ASSEMBLY	1
3	09-047500		ENGINE, DIESEL (Deutz F2L 1011)	
			(27 HP [20.1 kw], air cooled 2 cylinder)	1
4	09-044801		SOLENOID, FUEL SHUTDOWN (comes with engine)	1
5	03-469400		SOLENOID, THROTTLE (does not include module)	1
6	03-469404		ROD, LINKAGE	1
7	07-101100		NUT, COUPLING (1/4"-28)	
8	03-469401		BALL JOINT (Straight)	1
9	03-469405		BALL JOINT (90°)	1
10	03-456803		MODULE, THROTTLE SOLENOID	1
11			JUMPER, TERMINAL	1
12	07-013356		MACHINE SCREW, ROUND HEAD	
			(#10-32 x 1-1/4", Grade 2)	2
13	07-062011		WASHER, FLAT (#10)	2
14	07-050111		NUT, LOCK (#10-32, Grade 2)	2
15			SWITCH, OIL PRESSURE (comes with engine)	1
16	09-061700		PLATE, PUMP ADAPTER (14")	1
17	07-104200		CAP SCREW, SOCKET HEAD	
			(M 10 x 25 mm, Grade 12.9)	8
18	07-066006		WASHER, LOCK (10 mm)	8
19	09-080900		COUPLING, PUMP	1
20			FLANGE, PUMP COUPLING (Plastic, 7-1/2")	1
21			HUB, PUMP COUPLING	1
22			CAP SCREW, SOCKET HEAD	
			(M8 x 20 mm, Grade 12.9)	6
23	07-066005		WASHER, LOCK (8 mm)	6
24	01-108000		PUMP, HYDRAULIC (0.677 in ³ [11.1 c.c.]/ rev.)	1
25			KEY, SQUARE (5/32")	1
26	06-045000		90° ELBOW, "O"-RING TO 37°	
			(8-10 C5OX-S) (8MJ-10MB 90°)	1
27	06-040800		ADAPTER, "O"-RING TO 37° (12 F5OX-S) (12MJ-12MB)	1
28	07-003045		CAP SCREW, HEX HEAD (3/8"-16 x 1", Grade 5)	2
29	07-065016		WASHER, HELICAL LOCK (3/8")	2
30	07-062015		WASHER, FLAT (5/16", standard)	2
31	03-612800		CABLE, GROUND (Black battery cable, #1-AWG)	1

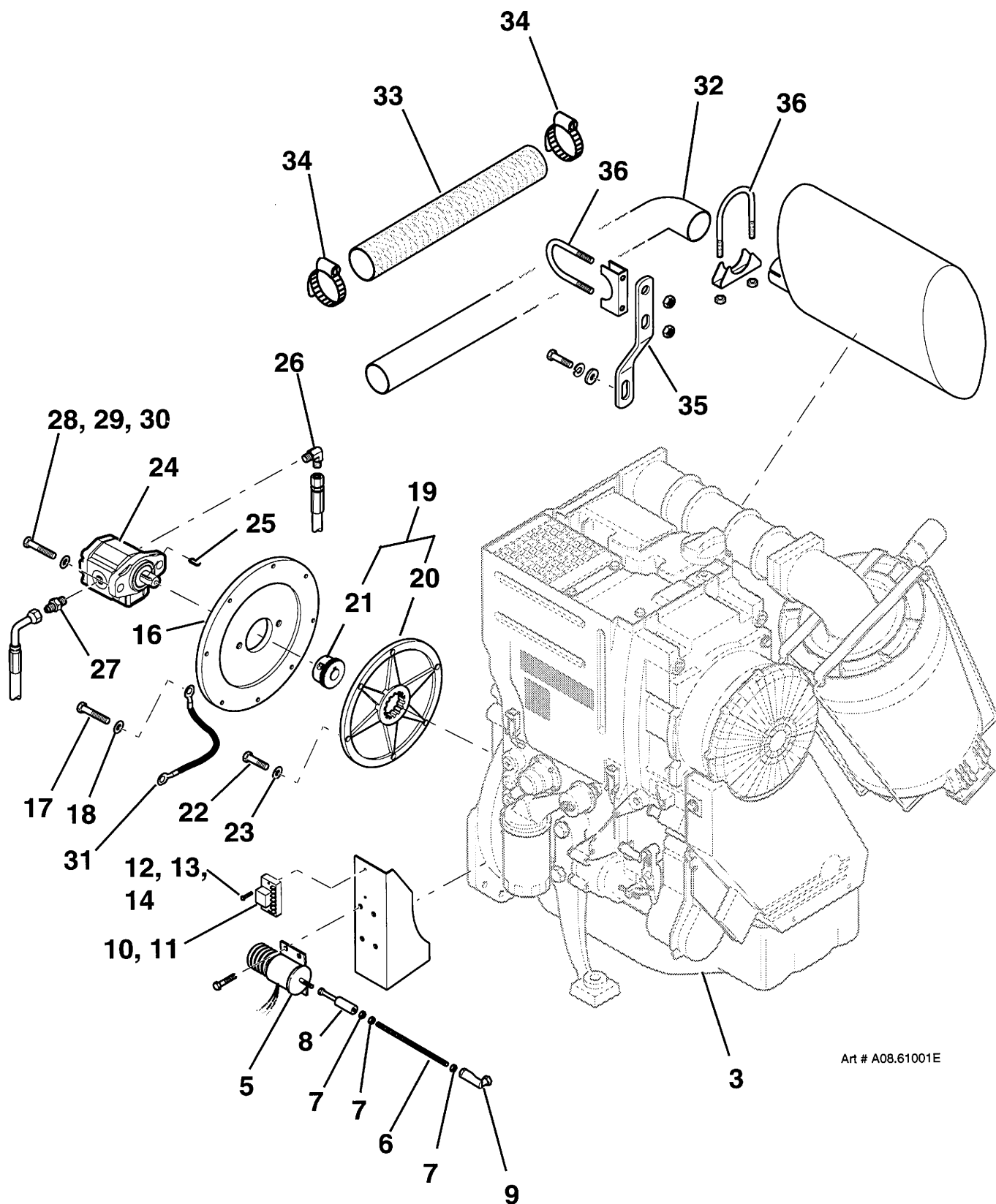
TITLE ENGINE ASSEMBLY, DEUTZ F2L 1011 (PLATE 1 OF 2)

PLATE NO. 08.61

SIMON AERIALS INC.

NEW 04 OCT., 1996

PART NO.



Art # A08.61001E

TITLE

ENGINE ASSEMBLY, DEUTZ F2L 1011 (PLATE 1 OF 2)

SIMON AERIALS INC.

NEW 04 OCT., 1996

PART
NO.

PLATE
NO.

08.61

PARTS LIST

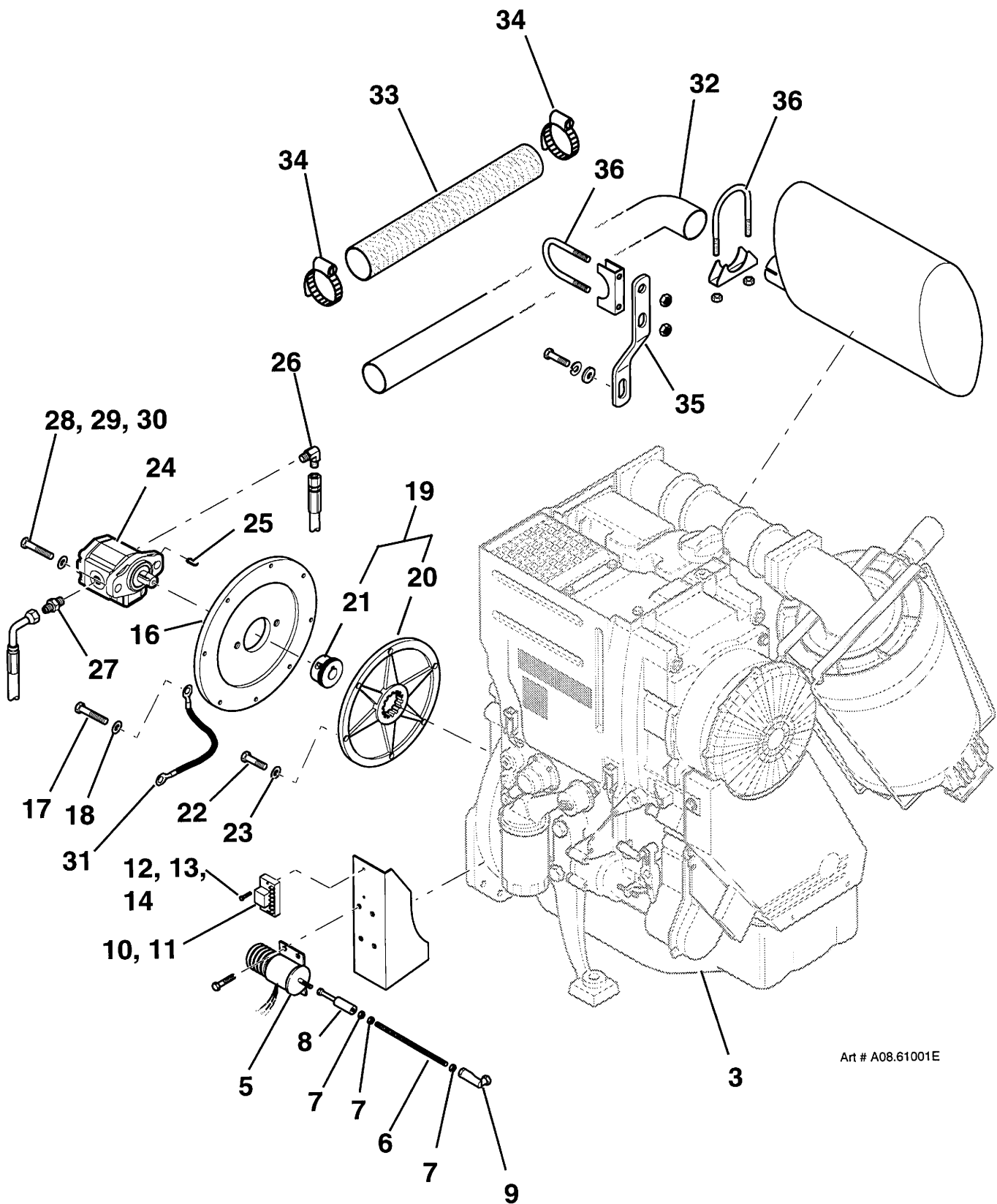
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TITLE	ENGINE ASSEMBLY, DEUTZ F2L 1011 (PLATE 2 OF 2)
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PLATE NO.	08.61	SIMON AERIALS INC.	NEW 04 OCT., 1996	PART NO.
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NEW 04 OCT., 1996

PART
NO.



Art # A08.61001E

TITLE ENGINE ASSEMBLY, DEUTZ F2L 1011 (PLATE 2 OF 2)

SIMON AERIALS INC.

NEW 04 OCT., 1996

PART
NO.

PLATE
NO. 08.61

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1			ENGINE GROUP (Deutz F3L 1011)	
2			ENGINE ASSEMBLY	1
3	09-044800		ENGINE, DIESEL (Deutz F3L 1011)	
			(42 HP [31.3 kw] @ 3,000 RPM, air cooled 3 cylinder)	1
4	09-044801		SOLENOID, FUEL SHUTDOWN (comes with engine)	1
5	03-469400		SOLENOID, THROTTLE (does not include module)	1
6	03-469403		ROD, LINKAGE	1
7	07-101100		NUT, COUPLING (1/4"-28)	
8	03-469401		BALL JOINT (Straight)	1
9	03-469405		BALL JOINT (90°)	1
10	03-456803		MODULE, THROTTLE SOLENOID	1
11			JUMPER, TERMINAL	1
12	07-013356		MACHINE SCREW, ROUND HEAD	
			(#10-32 x 1-1/4", Grade 2)	2
13	07-062011		WASHER, FLAT (#10)	2
14	07-050111		NUT, LOCK (#10-32, Grade 2)	2
15			SWITCH, OIL PRESSURE (comes with engine)	1
16	09-061700		PLATE, PUMP ADAPTER (14")	1
17	07-104200		CAP SCREW, SOCKET HEAD	
			(M 10 x 25 mm, Grade 12.9)	8
18	07-066006		WASHER, LOCK (10 mm)	8
19	09-080900		COUPLING, PUMP	1
20			FLANGE, PUMP COUPLING (Plastic, 7-1/2")	1
21			HUB, PUMP COUPLING	1
22			CAP SCREW, SOCKET HEAD	
			(M8 x 20 mm, Grade 12.9)	6
23	07-066005		WASHER, LOCK (8 mm)	6
24	01-109100		PUMP, HYDRAULIC (1.403 in ³ [23 c.c.]/ rev.)	1
25			KEY, SQUARE (5/32")	1
26	06-045300		90° ELBOW, "O"-RING TO 37°	
			(10-12 C5OX-S) (12MB-10MJ 90°)	1
27	06-041100		ADAPTER, "O"-RING TO 37°	
			(12-16 F5OX-S) (12MJ-16MB)	1
28	07-003045		CAP SCREW, HEX HEAD (3/8"-16 x 1", Grade 5)	2
29	07-065016		WASHER, HELICAL LOCK (3/8")	2
30	07-062015		WASHER, FLAT (5/16", standard)	2
31	03-612800		CABLE, GROUND (Black battery cable, #1 AWG)	1
32			PIPE, EXHAUST	1
33	09-081600		SHIELD, HEAT (Fibreglass cloth sleeve)	1
34	09-015100		CLAMP, WORM (2" . . . #24)	2
35			BRACKET, EXHAUST PIPE MOUNTING	1
36	09-015400		CLAMP, MUFFLER (2")	2

TITLE

ENGINE ASSEMBLY, DEUTZ F3L 1011

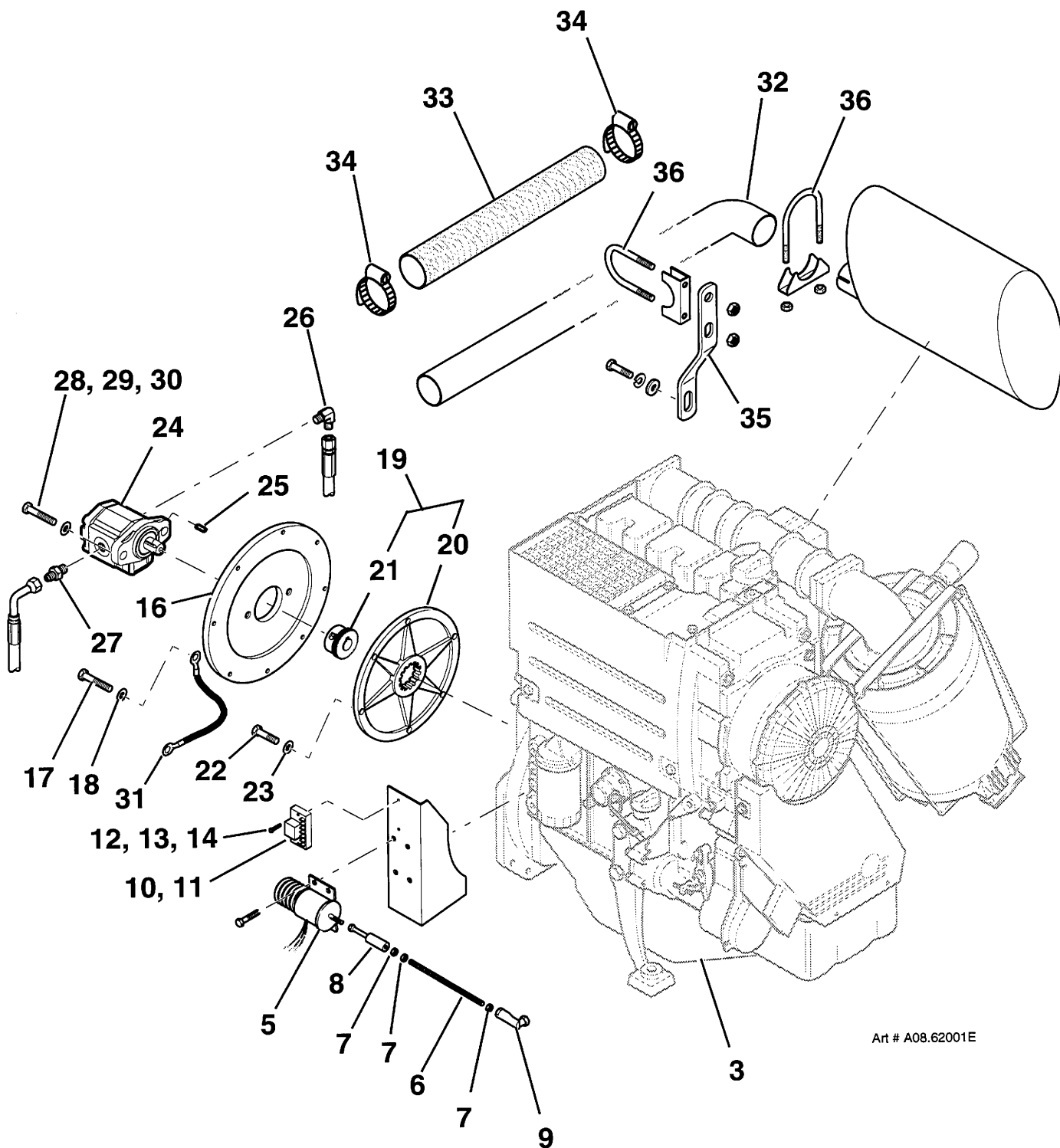
PLATE
NO.

08.62

SIMON AERIALS INC.

NEW 04 OCT., 1996

PART
NO.



Art # A08.62001E

TITLE

ENGINE ASSEMBLY, DEUTZ F3L 1011

SIMON AERIALS INC.

NEW 04 OCT., 1996

PART
NO.

PLATE
NO. 08.62

PARTS LIST

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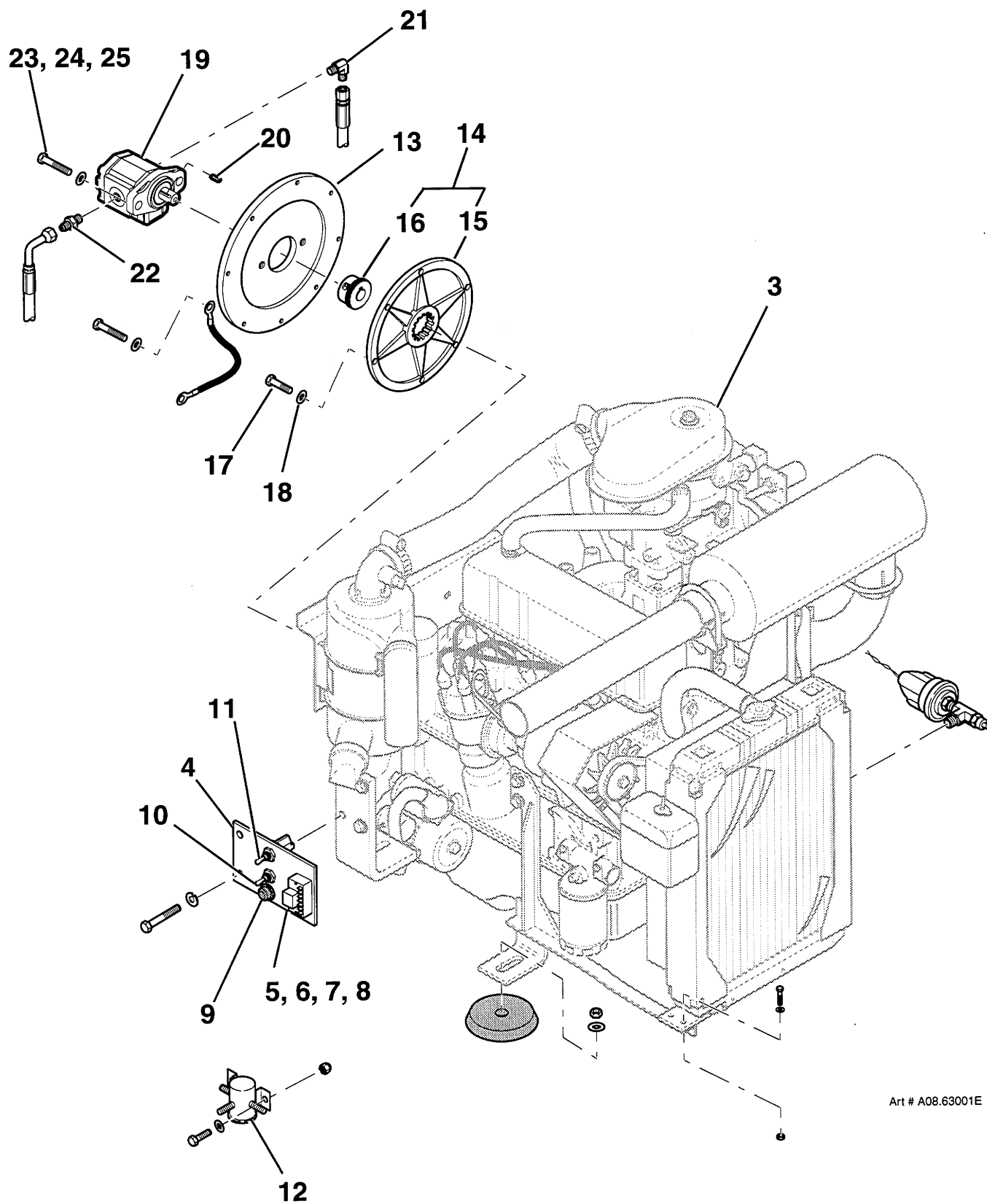
TITLE	ENGINE ASSEMBLY, NISSAN A-15
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PLATE NO. 08.63

SIMON AERIALS INC. NEW 04 OCT., 1996

NEW 04 OCT., 1996

PART NO.	DESCRIPTION	QTY	UNIT PRICE	TOTAL
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Art # A08.63001E

TITLE

ENGINE ASSEMBLY, NISSAN A-15

SIMON AERIALS INC.

NEW 04 OCT., 1996

PART
NO.

PLATE
NO.

08.63

PARTS LIST

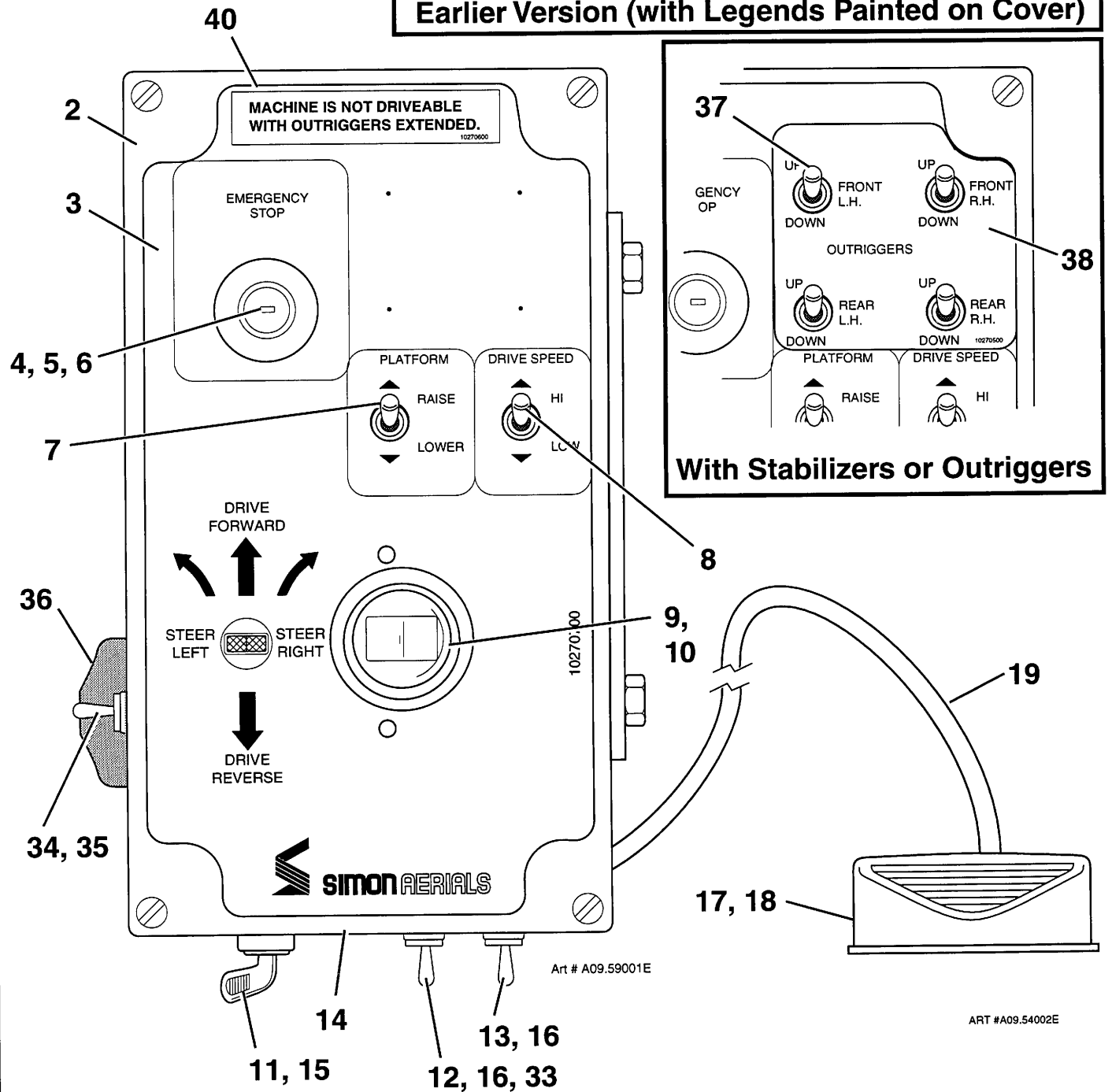
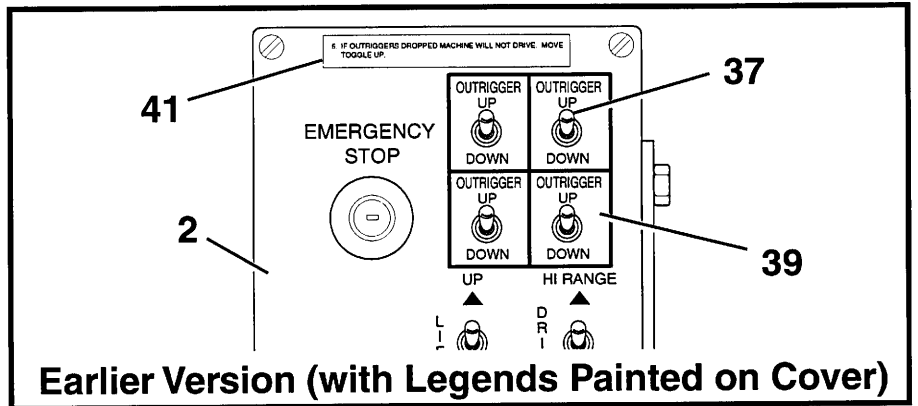
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	352 6710		PLATFORM CONTROL BOX ASSEMBLY Electric powered scissors, without stabilizers or outriggers, and without optional traversing deck	
	352 6720		Fuel powered scissors, without stabilizers or outriggers, and without optional traversing deck	
2	221 8790		BOX, PLATFORM CONTROL (Upper control box)	1
			Plain box, for use with decal, Item 3 (current version) White, with black painted legends (earlier versions)	
3	10-272700		PLACARD, PLATFORM CONTROL (for current version)	1
4	03-702000		BUTTON, EMERGENCY STOP (Red, "Pull to release")	1
5	03-454900		BASE, SWITCH MOUNTING	1
6	03-437300		BLOCK, CONTACT (Normally closed)	2
7	03-020500		SWITCH, TOGGLE (Lift/ Lower) (3 position, momentary contact, single pole)	1
8	03-020400		SWITCH, TOGGLE (Drive speed) (2 position, maintained contact, single pole)	1
9	03-483100		LEVER, DRIVE CONTROL (Joystick)	1
10	07-013414		MACHINE SCREW, ROUND HEAD (#10-32 x 1/2", Grade 2)	2
11	03-619300		SWITCH, IGNITION (4 position) (for fuel powered scissors only)	1
12	03-427600		SWITCH, TOGGLE (Choke) (for fuel powered scissors only) (2 position, momentary contact, single pole)	1
13	03-020400		SWITCH, TOGGLE (Engine speed) (for fuel powered scissors) (2 position, maintained contact, single pole)	1
14	10-231700		DECAL, "ENGINE, CHOKE/ SPEED" (with fuel powered scissors only)	1
15	03-453700 03-490000		PLUG, HOLE (for leftmost hole, electric scissors) 1/2" (earlier versions) 3/4" (later versions)	1
16	03-453700		PLUG, HOLE (1/2") (for electric powered scissors only)	2
17	03-700700		SWITCH, FOOT OPERATED	1
18	03-700701		MICROSWITCH	1
19	03-085900		CABLE, ELECTRICAL (SJO, 3 conductor, #12 AWG) (Bulk item, order as needed. 4 ft [1.2 m] required here)	A.R.

TITLE PLATFORM CONTROL BOX, SCISSORS (PLATE 1 OF 3)

PLATE NO. 09.59 SIMON AERIALS INC.

REV. 03 DEC., 1996

PART NO.



TITLE PLATFORM CONTROL BOX, SCISSORS (PLATE 1 OF 3)

SIMON AERIALS INC.

REV. 03 DEC., 1996

PART NO.

PLATE NO. 09.59

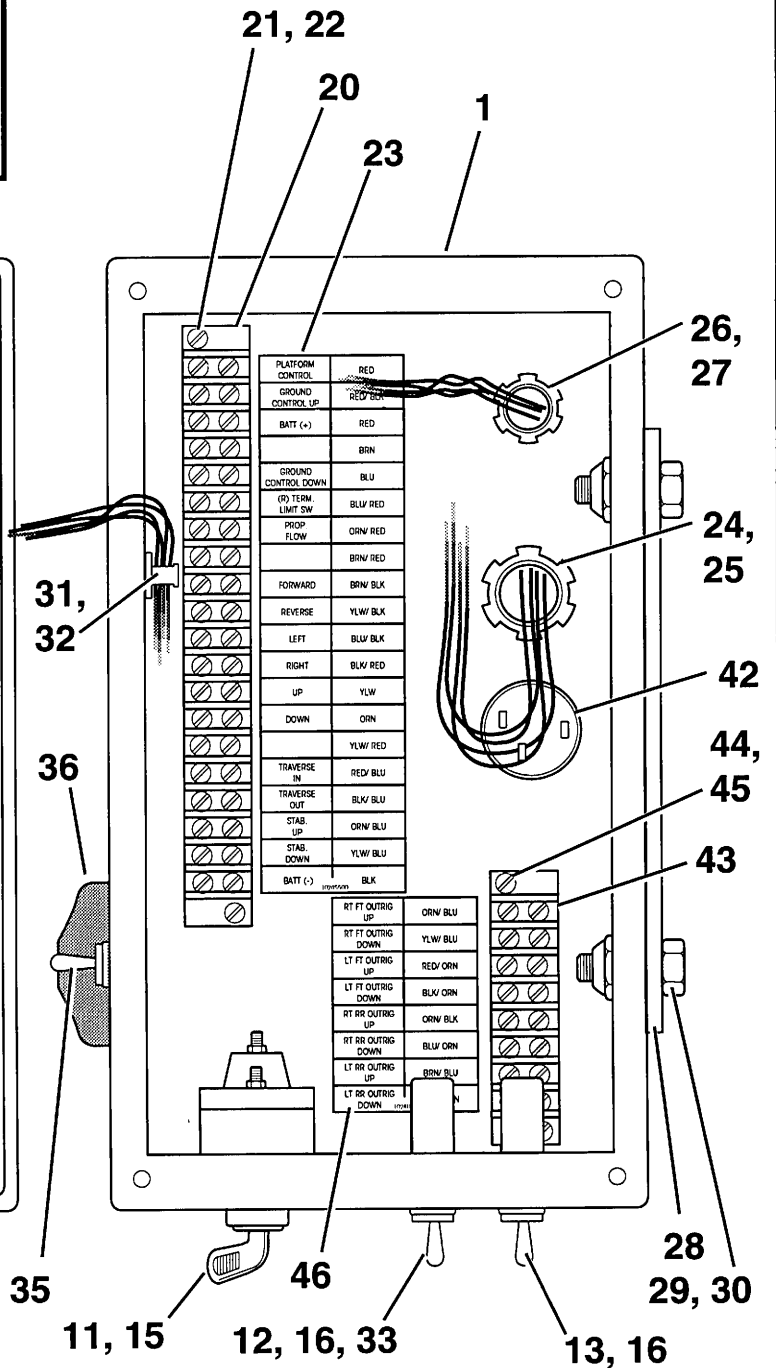
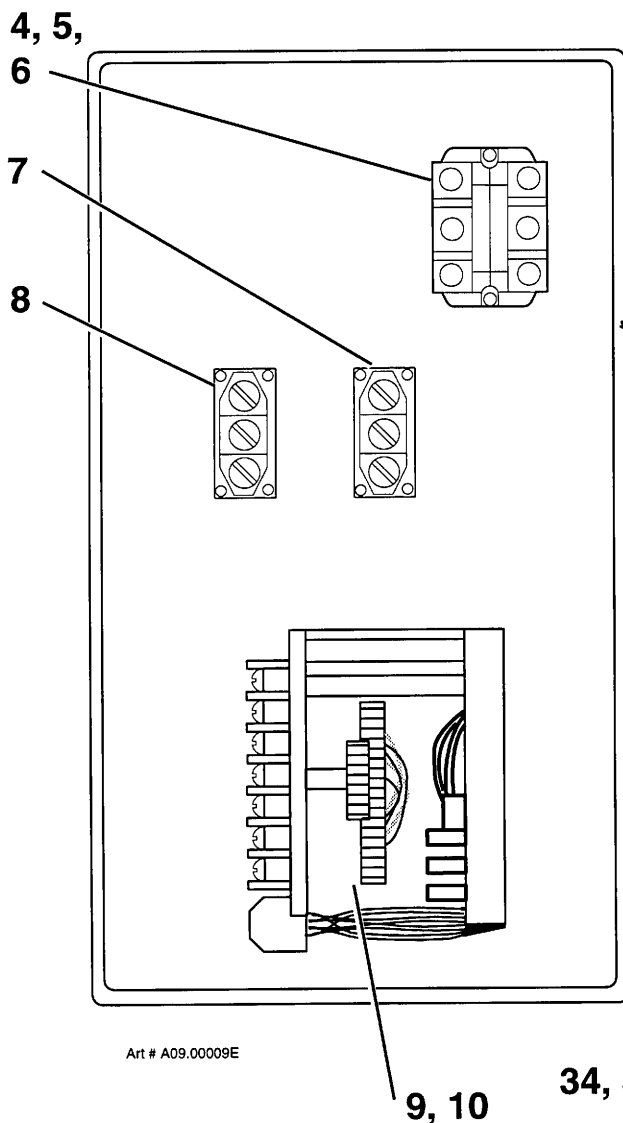
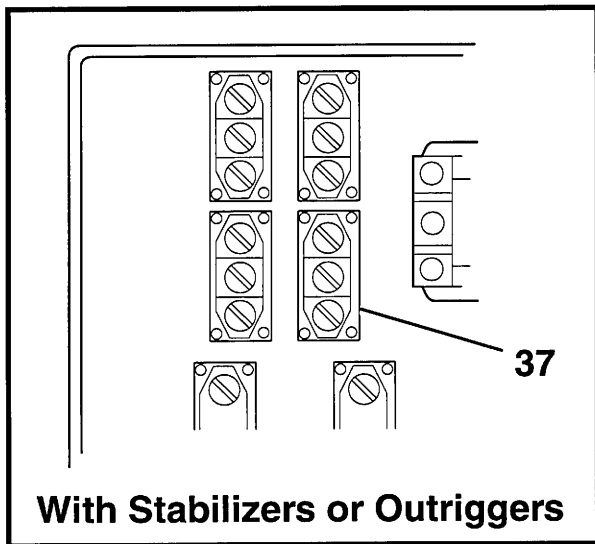
PARTS LIST

[illegible]

TITLE	PLATFORM CONTROL BOX, SCISSORS (PLATE 2 OF 3)
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PLATE NO.	09.59	SIMON AERIALS INC.	REV. 03 DEC., 1996	PART NO.
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PART NO.



TITLE

PLATFORM CONTROL BOX, SCISSORS (PLATE 2 OF 3)

SIMON AERIALS INC.

REV. 03 DEC., 1996

PART
NO.

PLATE
NO.

09.59

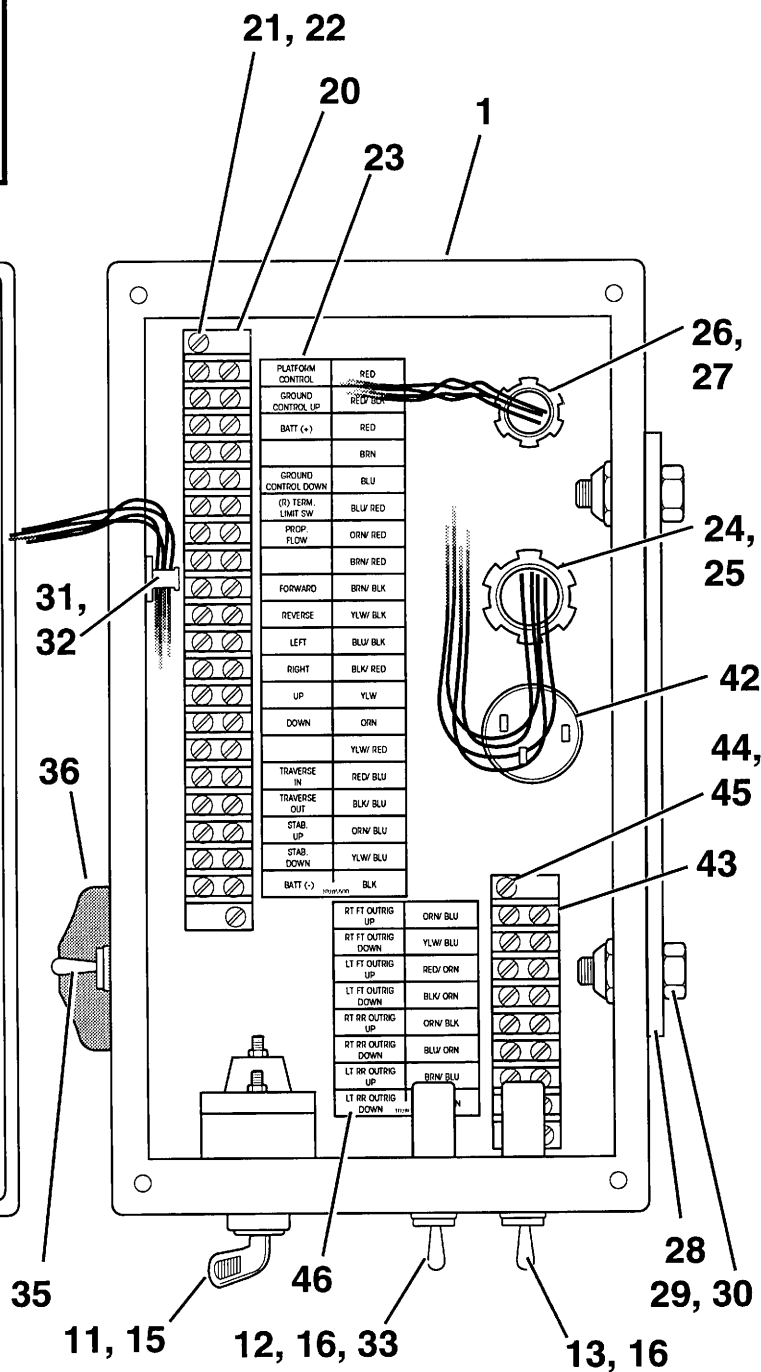
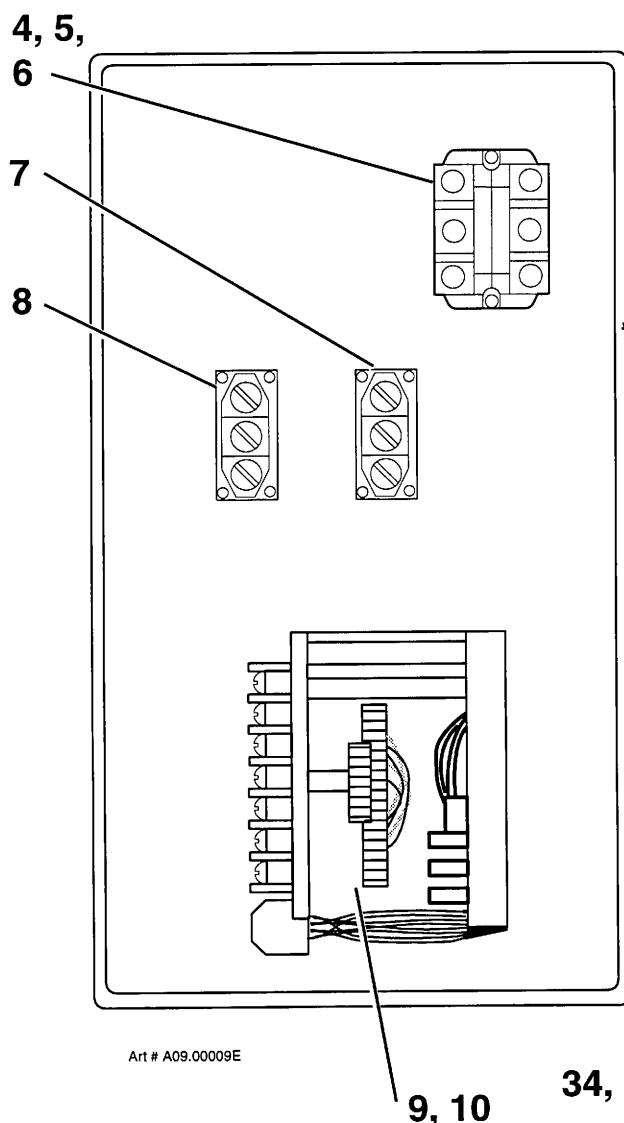
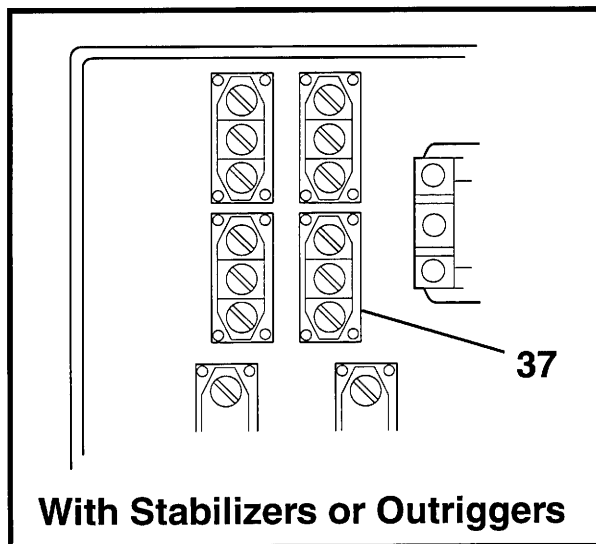
PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
			The following items are not included with the Platform Control Box:	
33	10-207700		DECAL, "GLOW PLUG" (With optional Diesel engine. Mounts over "Choke" toggle.)	1
34	03-020500		SWITCH, TOGGLE (with traversing deck option) (3 position, momentary contact, single pole)	1
35	11-228900		DECAL, "TRAVERSE PLATFORM, IN/ OUT" (current)	1
	11-201300		DECAL, "TRAVERSING DECK, IN/ OUT" (earlier version)	1
36	03-400700		GUARD, SWITCH (Traversing deck)	1
37	03-020500		SWITCH, TOGGLE (with stabilizers or outrigger option) (3 position, momentary contact, single pole)	A.R.
38			DECAL, "OUTRIGGER, UP/ DOWN" (current version)	1
	10-270300		when one outrigger switch is fitted	
	10-270400		when two outrigger switches are fitted	
	10-270500		when four outrigger switches are fitted	
39	47-101270		DECAL, "OUTRIGGER, UP/ DOWN" (earlier version)	A.R.
40	10-270600		DECAL, "MACHINE IS NOT DRIVEABLE . . ." (current)	1
41	47-101266		DECAL, "5. IF OUTRIGGERS DROPPED . . ." (earlier)	1
42	03-601800		ALARM, TILT (option)	1
43	03-744000		BLOCK, TERMINAL (8 position) (when both outriggers and traversing deck are fitted)	1
44	07-011335		MACHINE SCREW, PAN HEAD (#6-32 x 1/2", Grade 2)	2
45	07-050007		NUT, LOCK (#6-32, Grade 5)	2
46			DECAL, 8 POSITION TERMINAL BLOCK	1
	10-280100		For versions with optional side by side outriggers, and with optional traversing deck	
	10-280200		For versions with optional independent outriggers, with or without optional traversing deck	

TITLE	PLATFORM CONTROL BOX, SCISSORS (PLATE 3 OF 3)
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PLATE NO.	09.59	SIMON AERIALS INC.	REV. 03 DEC., 1996	PART NO.
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PART NO.	
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TITLE

PLATFORM CONTROL BOX, SCISSORS (PLATE 3 OF 3)

SIMON AERIALS INC.

REV. 03 DEC., 1996

PART
NO.

PLATE
NO.

09.59

PARTS LIST

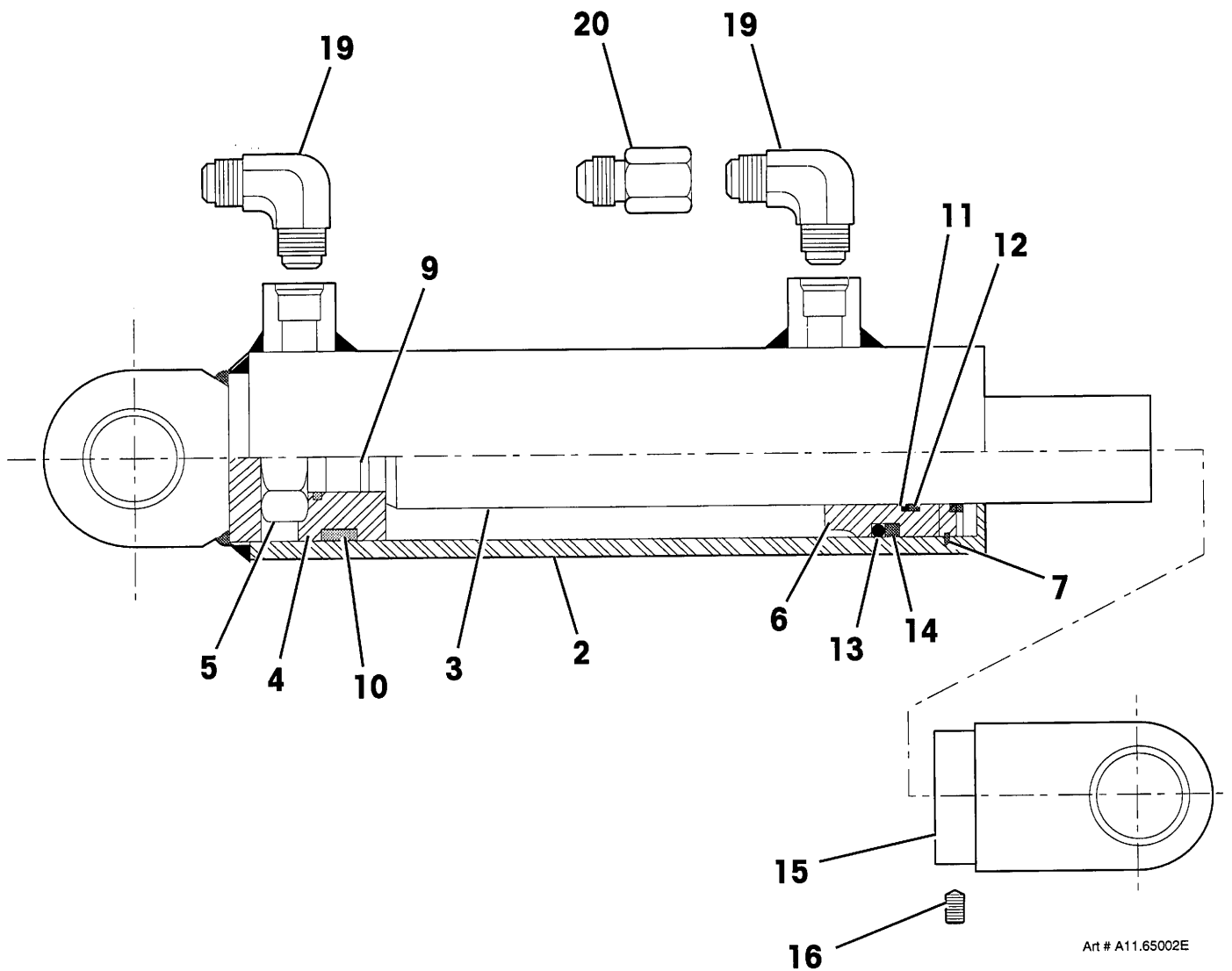
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	04-050900		CYLINDER, STEER (2-1/2" bore, 1-1/8" rod, 6" stroke)	1
2			BODY, CYLINDER (2-1/2" [64 mm] bore)	1
3			ROD (1-1/8" [29 mm] dia.)	1
4			PISTON	1
5			NUT, HEX JAM	1
6			GUIDE, ROD	1
7			RING, RETAINING (Internal)	1
8	04-050901		SEAL KIT	1
9			"O"-RING	1
10			SEAL, "DURA PAK"	1
11			SEAL, "U" CUP	1
12			RING, WIPER	1
13			"O"-RING	1
14			RING, BACKUP	1
15			CLEVIS (Rod end)	1
16			SET SCREW	1
17	223 1170		PIN, CLEVIS (1" x 2-7/8" long)	2
18	42-101060		PIN, COTTER (Hairpin) (1/8" x 2-1/2") (replaces 3/16" x 3-3/4" cotter pin 07-118800 used earlier)	2
			The following items are not included with Steer Cylinder 04-050900:	
19	06-216400		90° ELBOW, MALE 37° TO NPT (4-6 CTX-S) (6MP-4MJ 90°)	2
20	24-100696		RESTRICTOR (.060" [1.52 mm] orifice)	1

TITLE

STEER CYLINDER, MODEL 3020, 3715 OR 4612 SCISSORS

SECTION **11.** | PLATE NO. **65** | PAGE **01** | REV. **A** | DATED **20 SEP., 1996** | PART NO. **04-050900**

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

STEER CYLINDER, MODEL 3020, 3715 OR 4612 SCISSORS

PART
NO.

04-050900

REV. A

DATED
20 SEP., 1996

SECTION

11.

PLATE NO.

65

PAGE

01

PARTS LIST

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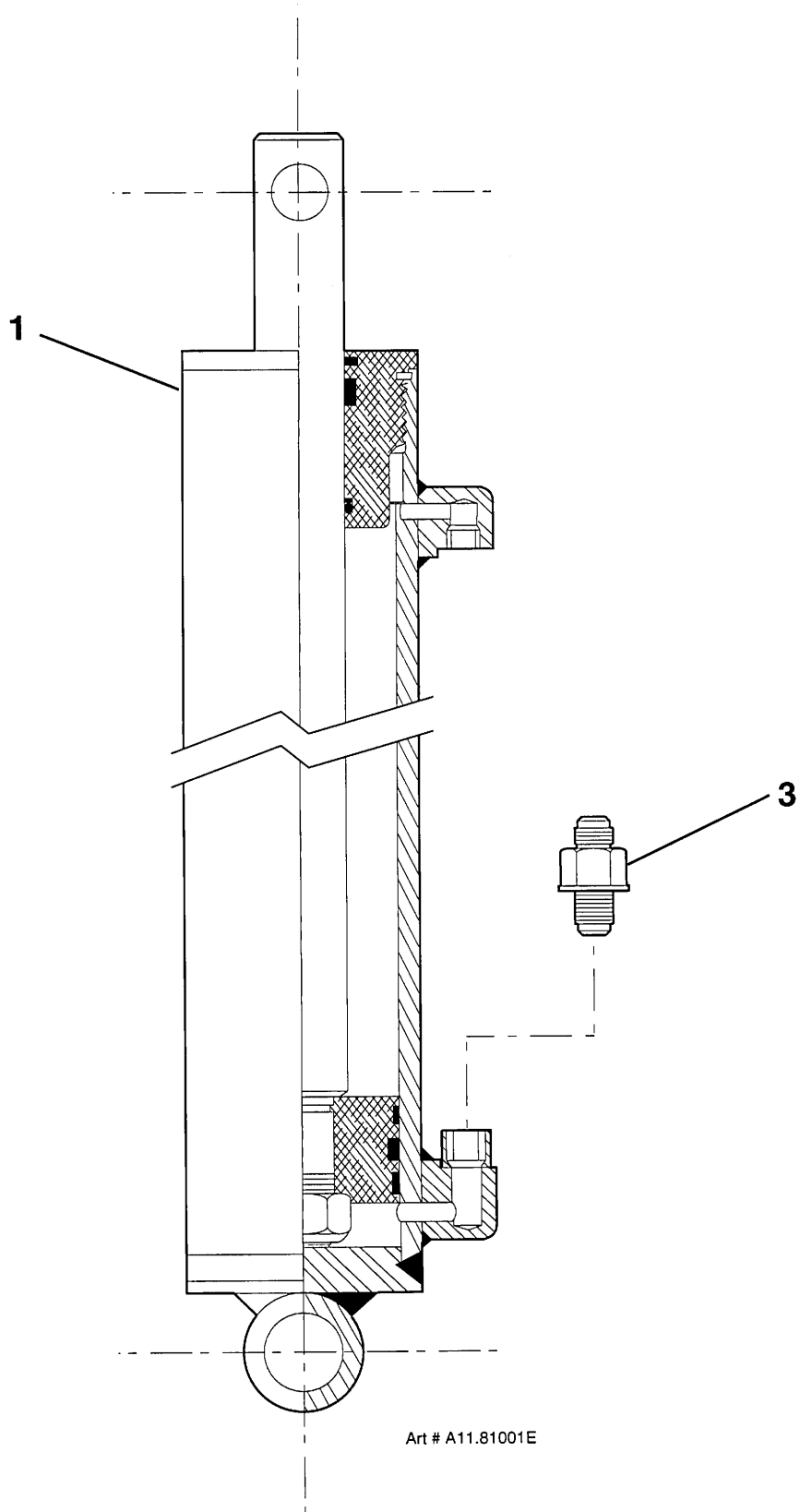
TITLE	LIFT CYLINDER, SCISSORS (3020, UPPER)
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PLATE NO. 11.74

SIMON AERIALS INC.

REV. 07 JAN., 1997

**PART
NO.**



TITLE

LIFT CYLINDER, SCISSORS (3020, UPPER)

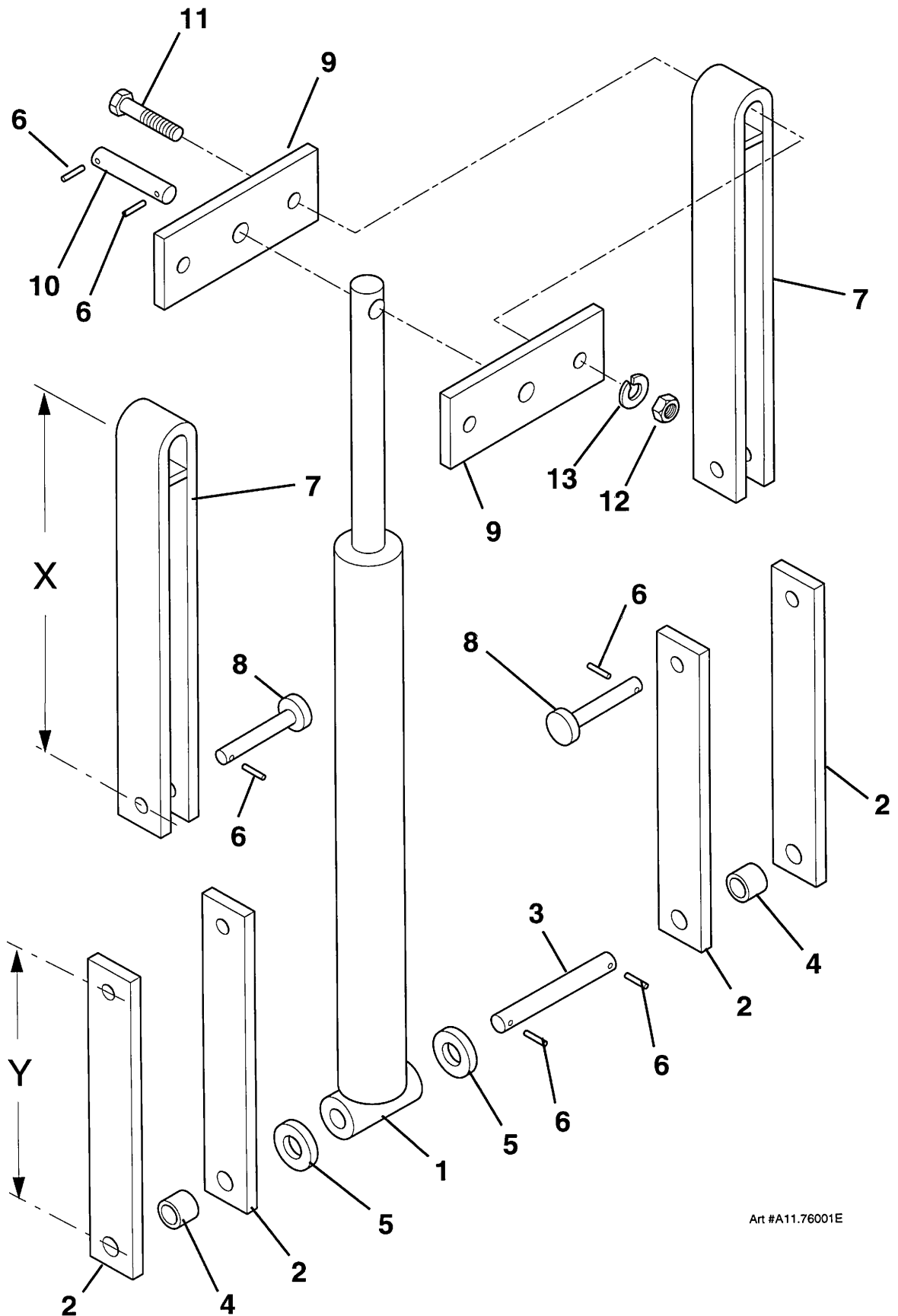
SIMON AERIALS INC.

REV. 07 JAN., 1997

PART
NO.

PLATE
NO. 11.74

[illegible]PART
NO.



Art #A11.76001E

TITLE

LOWER LIFT CYLINDER MOUNTING, MODEL 3020 SCISSORS

SIMON AERIALS INC.

REV. 06 JAN., 1997

PART
NO.

PLATE
NO. 11.76

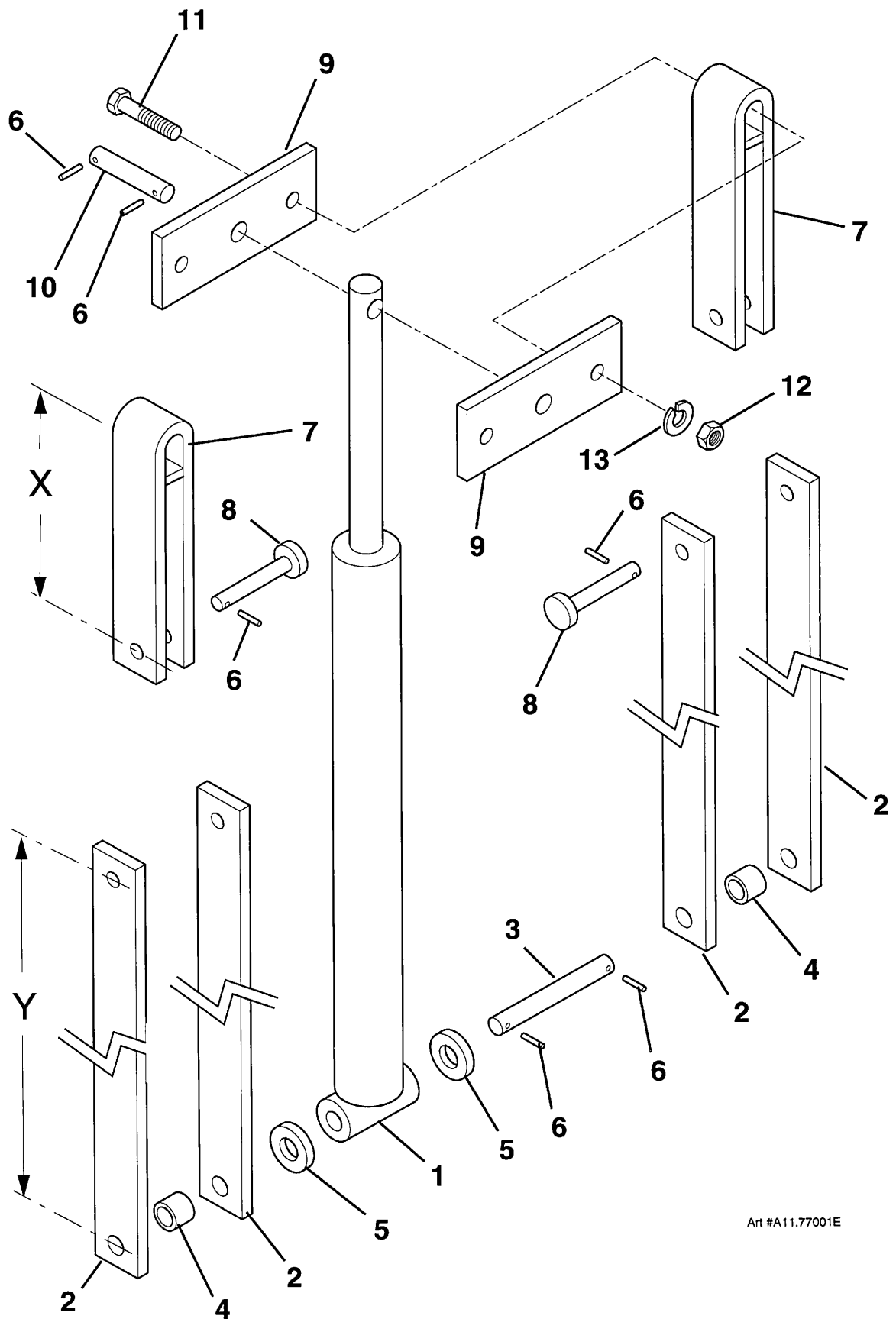
PARTS LIST

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TITLE UPPER LIFT CYLINDER MOUNTING, MODEL 3020 SCISSORS

PLATE NO.	11.77	SIMON AERIALS INC.	REV. 06 JAN., 1997	PART NO.
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PART NO.	DESCRIPTION
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Art #A11.77001E

TITLE UPPER LIFT CYLINDER MOUNTING, MODEL 3020 SCISSORS

SIMON AERIALS INC.

REV. 06 JAN., 1997

PART
NO.

PLATE
NO. 11.77

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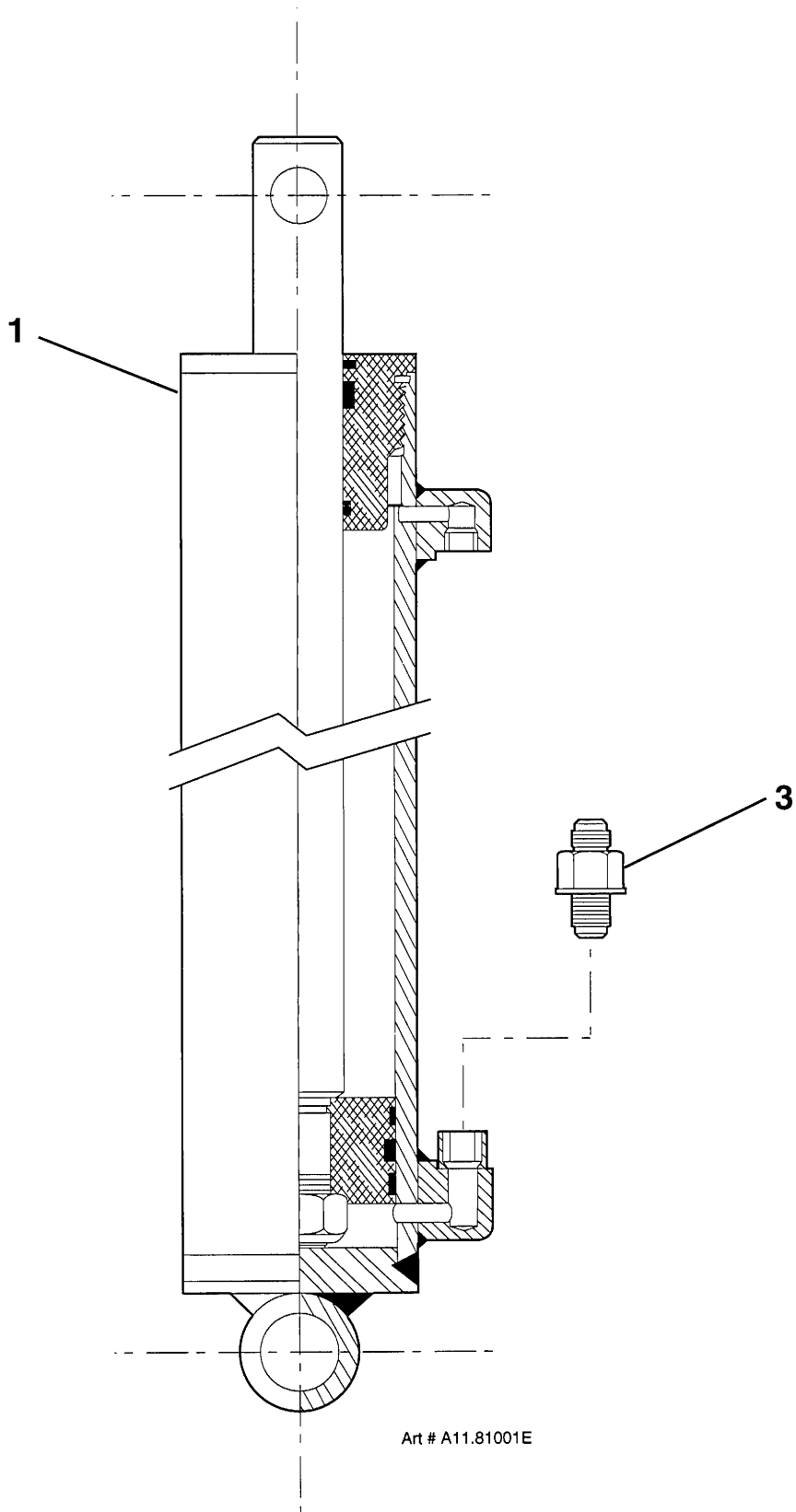
TITLE LIFT CYLINDER, SCISSORS (3020, LOWER)

PLATE NO. 11.87

SIMON AERIALS INC.

REV. 07 JAN., 1997

PART
NO.



Art # A11.81001E

TITLE

LIFT CYLINDER, SCISSORS (3020, LOWER)

SIMON AERIALS INC.

REV. 07 JAN., 1997

PART
NO.

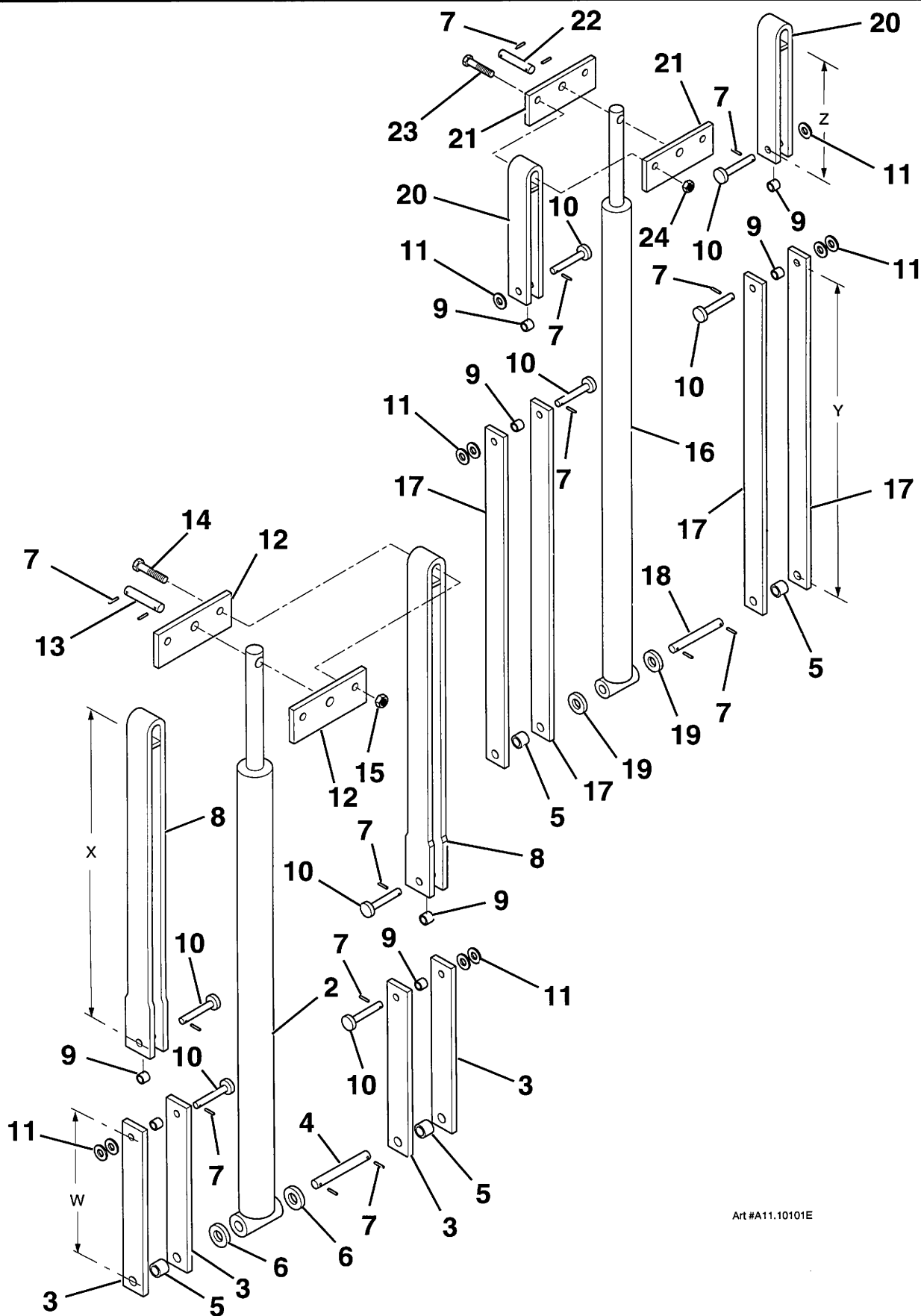
PLATE
NO. 11.87

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	55-000700		LIFT CYLINDER MOUNTING KIT (Later versions. Recommended as upgrade to earlier versions.)	1
2	04-058500	11.87	CYLINDER, LIFT (Lower) (4" bore, 36" stroke)	1
3	237 0090		STRAP, LOWER LIFT CYLINDER (ref. "W" = 14.63" [37.2 cm])	4
4	237 0040		PIN, LOWER LIFT CYLINDER (Base end) (1.50" [38 mm] dia. x 8.63" [21.9 cm] long)	1
5	237 0170		SPACER (1.6" [40 mm] I.D. x .75" [19 mm] long)	4
6	07-062026		WASHER, FLAT (1-1/2")	2
7	07-100000		ROLL PIN (5/16" x 2")	16
8	237 0070		CLEVIS, LOWER LIFT CYLINDER (ref. "X" = 26.25" [66.7 cm])	2
9	08-083100		BUSHING (.875" I.D. x .75" long)	8
10	237 0050		PIN, CLEVIS (0.88" [22 mm] dia. x 2.0" [52 mm] long)	8
11	07-060023		WASHER, FLAT (7/8", SAE)	10
12	236 8990		PLATE, LOWER LIFT CYLINDER YOKE (3" x 8" x .88" thick [76 x 203 x 22 mm])	2
13	237 0010		PIN, LOWER LIFT CYLINDER (Rod end) (1.38" [35 mm] dia. x 4.81" [12.2 cm] long)	1
14	07-123500		CAP SCREW, HEX HEAD (1-1/8"-7 x 5", Grade 5)	2
15	07-123600		NUT, LOCK (1-1/8"-7, Grade 5)	2
16	04-058400	11.74	CYLINDER, LIFT (Upper) (3" bore, 36" stroke)	1
17	237 0080		STRAP, UPPER LIFT CYLINDER (ref. "Y" = 30.25" [76.8 cm])	4
18	237 0030		PIN, UPPER LIFT CYLINDER (Base end) (1.38" [35 mm] dia. x 7.63" [19.3 cm] long)	1
19	07-123400		WASHER, FLAT (1-3/8")	2
20	237 0060		CLEVIS, UPPER LIFT CYLINDER (ref. "Z" = 9.75" [24.8 cm])	2
21	237 0000		PLATE, UPPER LIFT CYLINDER YOKE (2.5" x 6.63" x .63" thick [63 x 168 x 16 mm])	2
22	237 0020		PIN, UPPER LIFT CYLINDER (Rod end) (1.25" [32 mm] dia. x 4.31" [10.9 cm] long)	1
23	07-122900		CAP SCREW, HEX HEAD (1"-8 x 4-1/2", Grade 5)	2
24	07-123000		NUT, LOCK (1"-8, Grade 5)	2

TITLE LIFT CYLINDER MOUNTING KIT, MODEL 3020 SCISSORS

PLATE NO.	11.101	SIMON AERIALS INC.	NEW 06 JAN., 1997	PART NO. 55-000700
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Art #A11.10101E

TITLE

LIFT CYLINDER MOUNTING KIT, MODEL 3020 SCISSORS

SIMON AERIALS INC.

NEW 06 JAN., 1997

PART
NO.

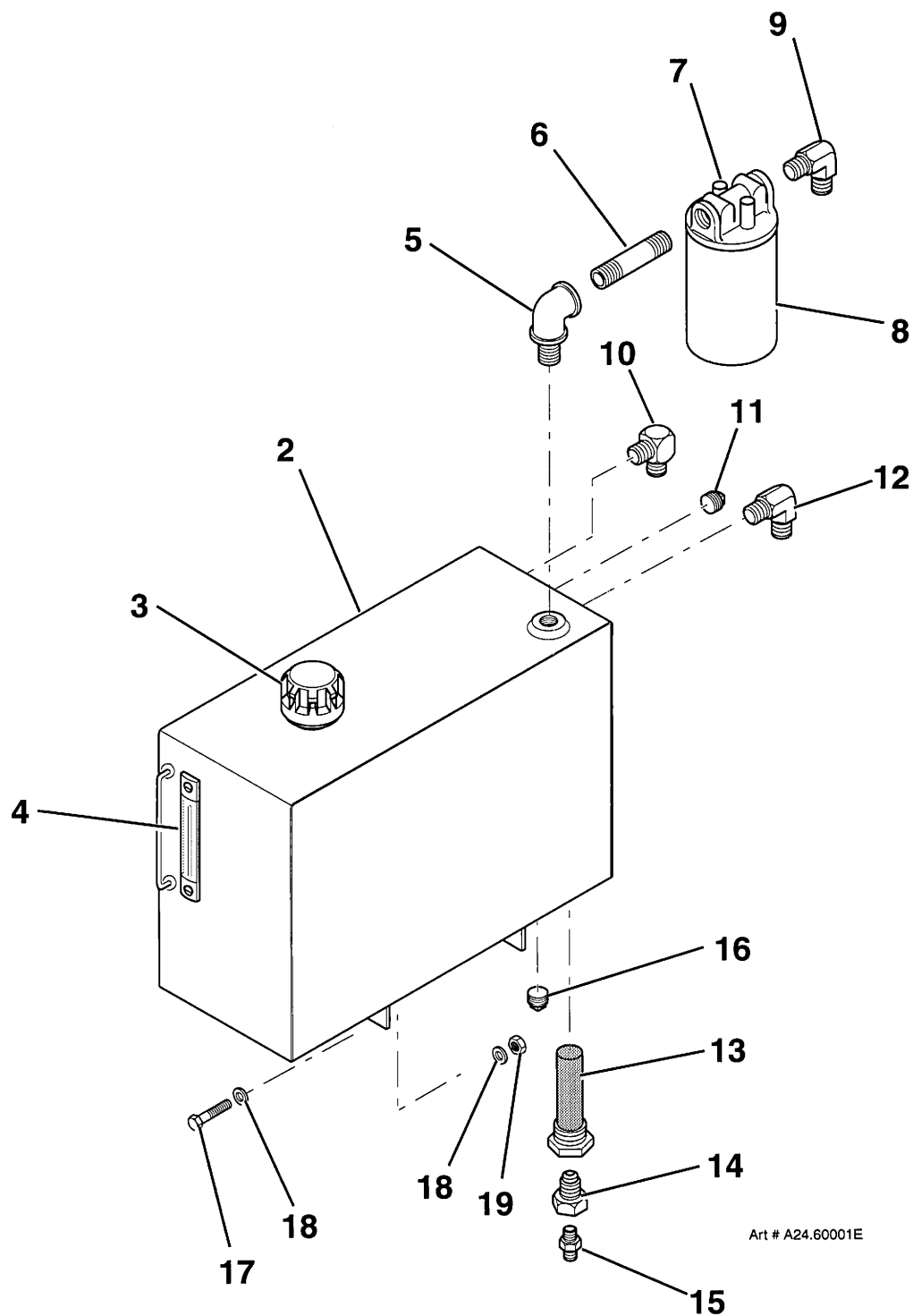
55-000700

PLATE
NO.

11.101

PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	354 9370		TANK ASSEMBLY, HYDRAULIC	1
2	01-103500		TANK, HYDRAULIC (14 Gal [53 L] capacity)	1
3	01-097800		CAP ASSEMBLY, HYDRAULIC TANK (includes 10 micron filter, breather and strainer)	1
4	01-074100		GAUGE, FLUID LEVEL (with thermometer)	1
5	11-300800		90° STREET ELBOW (3/4" NPT)	1
6	11-201200		NIPPLE, PIPE (3/4" x 2-1/2")	1
7	01-081500		FILTER, BYPASS	1
8	01-081501		ELEMENT, FILTER, (Spin-on, 10 Micron)	1
9	06-004900		90° ELBOW, MALE 37° TO NPT (12 CTX-S) (12MP-12MJ 90°)	1
10	06-004000		90° ELBOW, MALE 37° TO NPT (6-6 CTX-S) (6MP-6MJ 90°)	1
11	11-303000		PIPE PLUG, SQUARE HEAD (3/8" NPT)	2
12	06-216400		90° ELBOW, MALE 37° TO NPT (4-6 CTX-S) (6MP-4MJ 90°)	1
13	01-104200		STRAINER, SUCTION (25 Gal [94.6 L]/ Min, 100 media)	1
14	11-062200		BUSHING, REDUCER (1-1/4" to 3/4" NPT)	1
15	06-001400		CONNECTOR, MALE 37° TO NPT (8-12 FTX-S) (12MP-8MJ)	1
16	11-075400		PIPE PLUG, SQUARE HEAD (1/4" NPT)	1
			The following items are not included with the Tank Assembly:	
17	07-003023		CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	4
18	07-062015		WASHER, FLAT (5/16")	8
19	07-050015		NUT, LOCK (5/16"-18, Grade 5, Nylock)	4
TITLE HYDRAULIC TANK ASSEMBLY, 14 GAL. (53 L)				
PLATE NO. 24.60		SIMON AERIALS INC.		PART NO. 354 9370

NEW 15 NOV., 1996



Art # A24.60001E

TITLE

HYDRAULIC TANK ASSEMBLY, 14 GAL. (53 L)

SIMON AERIALS INC.

NEW 15 NOV., 1996

PART
NO.

354 9370

PLATE
NO.

24.60

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
	354 5410		HYDRAULIC SUBPLATE ASSEMBLY (For models 3020, 3715 or 4612 Scissors using Lift/ Lower block.)	
1	222 5630		PLATE, HYDRAULIC COMPONENT MOUNTING	1
2	01-104400		LIFT/ LOWER VALVE	1
3	01-104401		CARTRIDGE, LIFT/ LOWER VALVE	2
4	01-104402		COIL, LIFT/ LOWER VALVE (12 Volt DC)	2
5	01-102300		CARTRIDGE, PRESSURE RELIEF	1
6	07-003012		CAP SCREW, HEX HEAD (1/4"-20 x 2-3/4", Grade 5) or ...	2
	07-003034		CAP SCREW, HEX HEAD (5/16"-18 x 3-1/4", Grade 5)	2
7	07-062014		WASHER, FLAT (1/4") or ...	4
	07-062015		WASHER, FLAT (5/16")	4
8	07-050014		NUT, HEX LOCK (1/4"-20, Grade 5) or ...	2
	07-050015		NUT, HEX LOCK (5/16"-18, Grade 5)	2
9	06-003500		90° ELBOW, MALE 37° TO NPT (4-4 CTX-S) (4MJ-4MP 90°)	1
10	06-044700		90° ELBOW, "O"-RING TO 37° (6-8 C5OX-S) (6MJ-8MB 90°)	3
11	01-112700		BLOCK, PRESSURE RELIEF VALVE	1
12	01-102300		CARTRIDGE, PRESSURE RELIEF	1
13	07-003009		CAP SCREW, HEX HEAD (1/4"-20 x 2", Grade 5)	2
14	07-060014		WASHER, FLAT (1/4" SAE)	4
15	07-050014		NUT, HEX LOCK (1/4"-20, Grade 5)	2
16	06-001000		CONNECTOR, MALE 37° TO NPT (6-8 FTX-S) (6MP-8MJ)	2
17	01-109400		VALVE, DIRECTIONAL (Steer)	1
18	07-008354		CAP SCREW, HEX SOCKET HEAD (#10-24 x 1-1/4", Grade 8)	4
19	01-078100		SUB PLATE, VALVE	1
20	07-008004		CAP SCREW, HEX SOCKET HEAD (1/4"-20 x 1-1/2", Grade 8)	2
21	07-050014		NUT, HEX LOCK (1/4"-20, Grade 5)	2
22	06-044600		90° ELBOW, "O"-RING TO 37° (6 C5OX-S) (6MJ-6MB 90°)	1
23	06-044400		90° ELBOW, "O"-RING TO 37° (4-6 C5OX-S) (4MJ-6MB 90°)	2
24	06-050000		BRANCH TEE, MALE "O"-RING TO 37° (6 S5OX-S) (6MJ-6MJ-6MB)	1

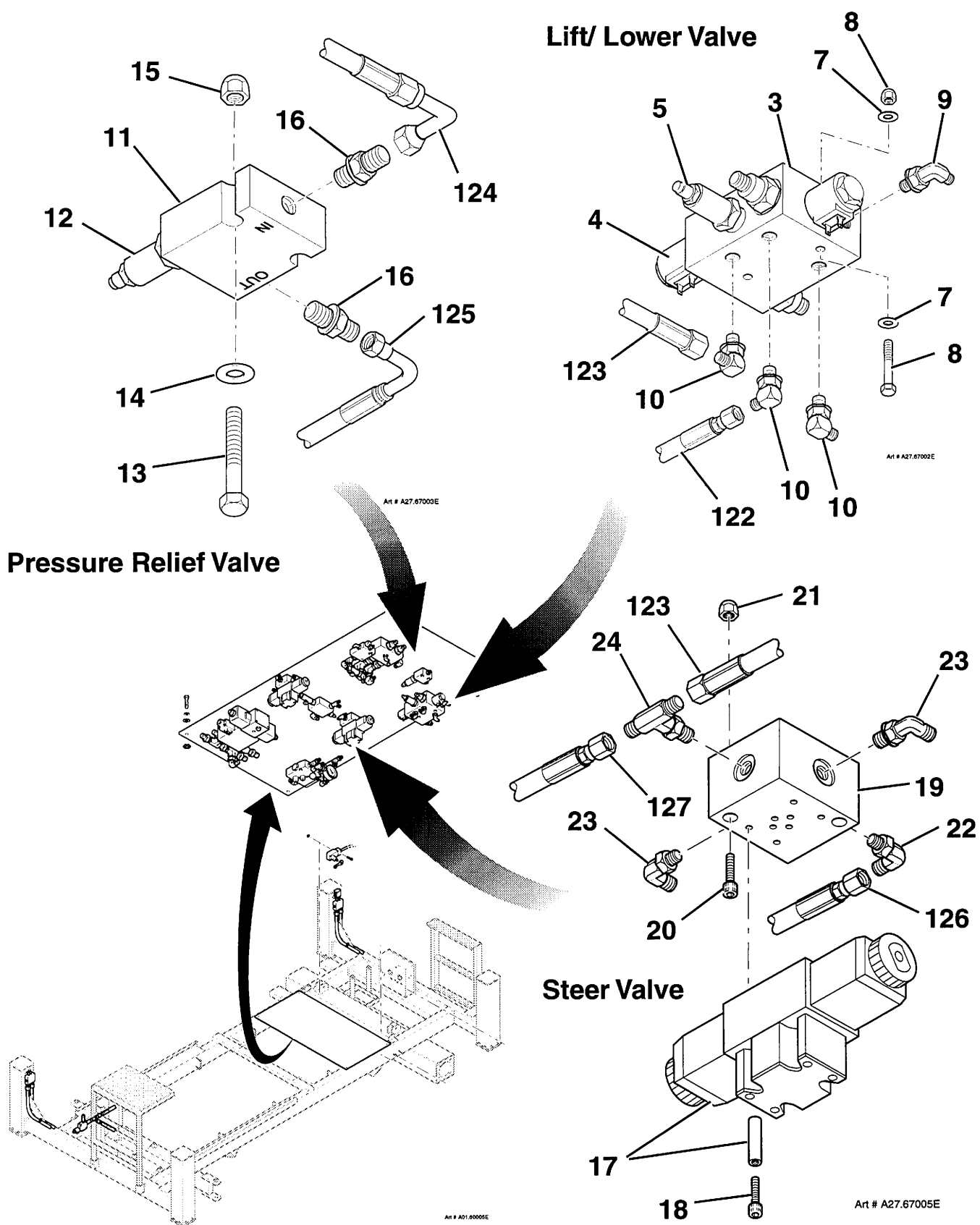
TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 1 OF 6)

PLATE NO. 27.67

SIMON AERIALS INC.

REV. 31 DEC., 1996

PART NO.



TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 1 OF 6)

SIMON AERIALS INC.

REV. 31 DEC., 1996

PART
NO.

PLATE
NO. 27.67

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
25	01-107700		VALVE, PRIORITY (0-30 GPM [0-114 L/ min])	1
26	01-107701		HANDLE, PRIORITY VALVE	1
27	06-004400		90° ELBOW, MALE 37° TO NPT (8-8 CTX-S) (8MJ-8MP 90°)	1
28	06-301400		FITTING (8-6 NPT-M) (6MP-8MP)	2
29	06-072800		FEMALE PIPE TEE (3/8 MMO-S) (6FP-6FP-6FP)	5
30	06-021000		UNION TEE, 37° MALE (6 JTX-S) (6MP-6MJ-6MJ)	
			(replaces 24-100774)	1
31	06-082600		90° ELBOW, MALE PIPE THREAD (3/8 CR-S)	1
32	06-000900		CONNECTOR, MALE 37° TO NPT (6-6 FTX-S) (6MJ-6MP)	1
33	06-070700		REDUCER, PIPE THREAD (3/8 x 1/4 PTR-S) (4FP-6MP)	1
34	01-021000		GAUGE, HYDRAULIC PRESSURE (0-4000 PSI [0-28,000 kPa]) (1/4" Male NPT)	1
35	24-100775		NIPPLE, PIPE (3/8 FF-S) (6MP-6MP)	A.R.
36	06-021000		UNION TEE, 37° MALE (6 JTX-S) (6MP-6MJ-6MJ)	
			(replaces 24-100774)	1
37	06-216400		90° ELBOW, MALE 37° TO NPT (4-6 CTX-S) (6MP-4MJ 90°)	1
38	24-100741		90° ELBOW, MALE 37° TO NPT (8 CTX-S) (8MJ-6MP 90°)	
			(Ref. also 06-004200)	1
39	No Part #		90° ELBOW, MALE 37° TO NPT (6-10 CTX-S) (6MP-10MJ 90°)	1
40	07-003012		CAP SCREW, HEX HEAD (1/4"-20 x 2-3/4", Grade 5)	2
41	07-060014		WASHER, FLAT (1/4", SAE)	A.R.
42	07-050014		NUT, HEX (1/4"-20, Grade 5, Nylock)	2
43	01-106200		VALVE, PROPORTIONAL (25 gpm, 190 psi, 12 Volt DC)	1
44	01-106201		VALVE, PROPORTIONAL VALVE COMPENSATOR	1
45	01-106202		SEAL KIT, PROPORTIONAL VALVE	1
46	01-106203		CARTRIDGE, PROPORTIONAL VALVE	1
47	01-106204		COIL, PROPORTIONAL VALVE (12 Volt DC, 2 Amp)	1
48	01-107900		VALVE, DRIVE FORWARD/ REVERSE	1
49	03-700400		GRIP, CORD (1/2", with .24" to .47" seal)	1
50	07-003007		CAP SCREW, SOCKET HEAD (1/4"-20 x 1-1/2", Grade 5)	4
51	06-309300		90° ADAPTER, MALE (8MP-10MJ) (replaces 24-100776)	4
52	06-077400		NIPPLE (LONG), PIPE THREAD (1/2 FF-S) (8MP-8MP)	
			(replaces 24-100767)	3
53	06-072900		FEMALE PIPE TEE (1/2 MMO-S) (8FP-8FP-8FP)	3
54	06-001700		CONNECTOR, MALE 37° TO NPT (12-8 FTX-S) (12MJ-8MP)	1
55	06-001300		CONNECTOR, MALE 37° TO NPT (8-8 FTX-S) (8MJ-8MP)	1
56	06-004400		90° ELBOW, MALE 37° TO NPT (8-8 CTX-S) (8MJ-8MP 90°)	1
57	07-003045		CAP SCREW, HEX HEAD (3/8"-16 X 1", Grade 5)	2
58	07-065016		WASHER, HELICAL LOCK (3/8")	2
59	07-062016		WASHER, FLAT (3/8")	2

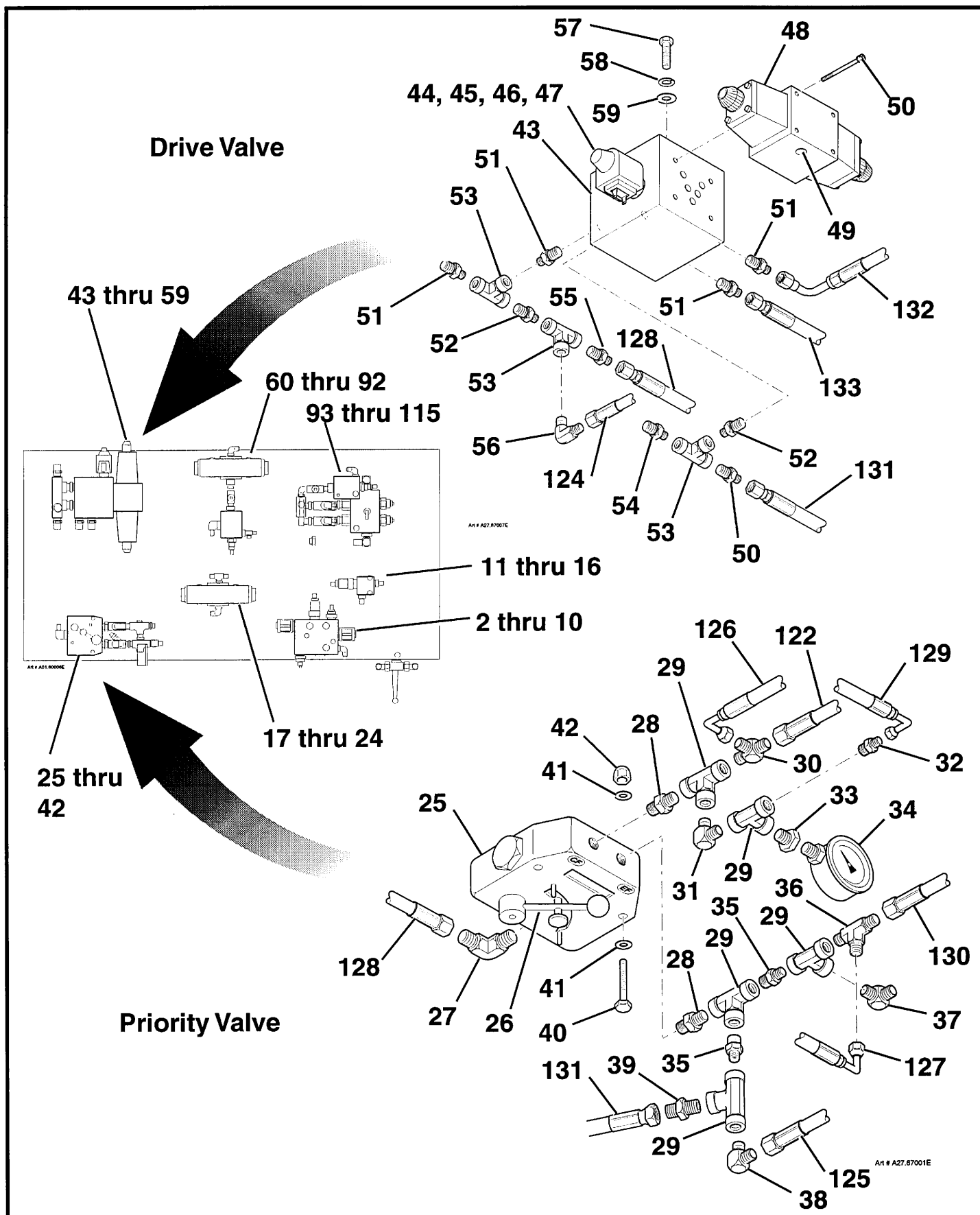
TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 2 OF 6)

PLATE NO. 27.67

SIMON AERIALS INC.

REV. 31 DEC., 1996

PART NO.



TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 2 OF 6)

SIMON AERIALS INC.

REV. 31 DEC., 1996

PART
NO.

PLATE
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27.67

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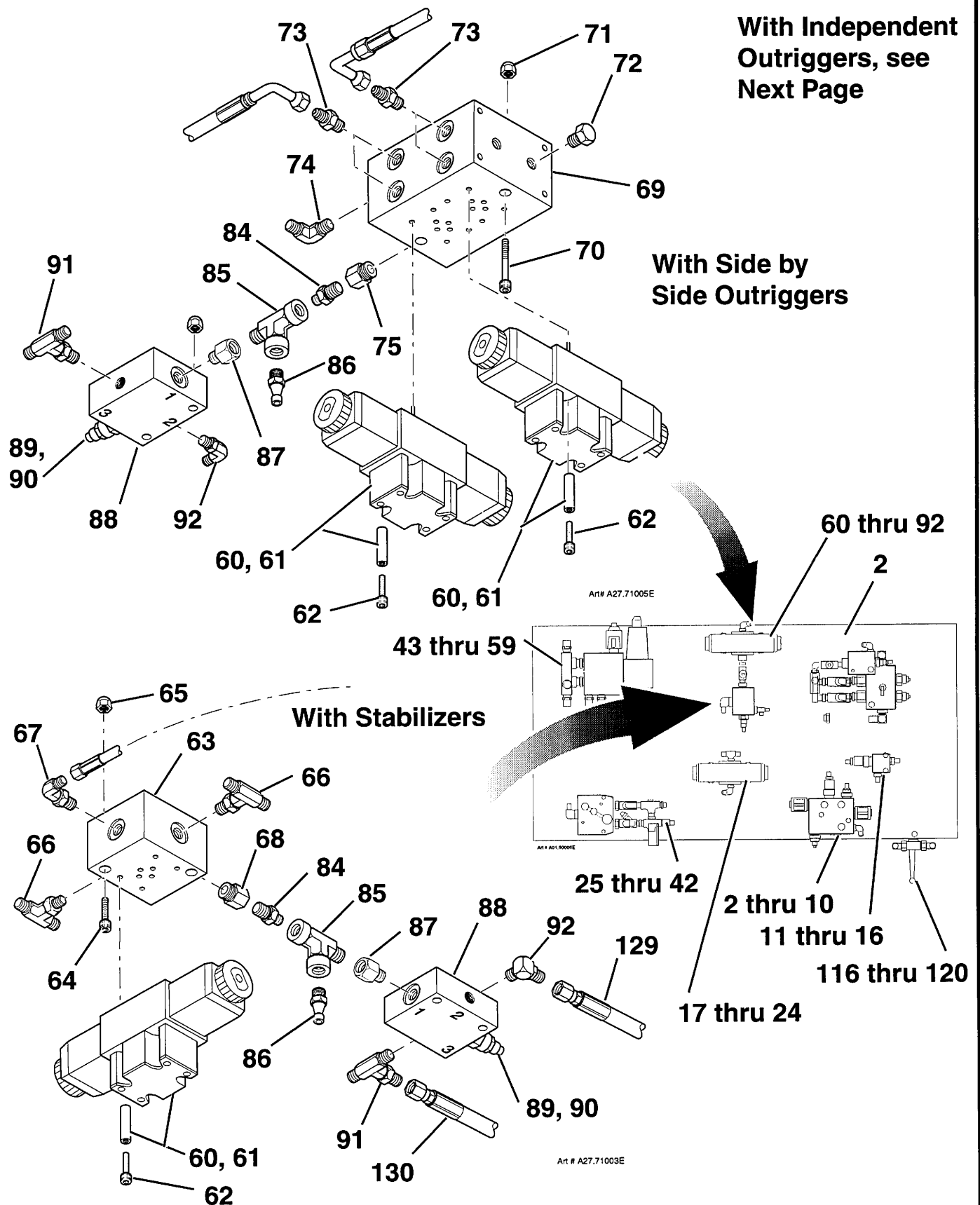
TITLE	HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 3 OF 6)
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PLATE NO.	27.67
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SIMON AERIALS INC. REV. 31 DEC., 1996

**PART
NO.**

**PART
NO.**



TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 3 OF 6)

SIMON AERIALS INC.

REV. 31 DEC., 1996

PART
NO.

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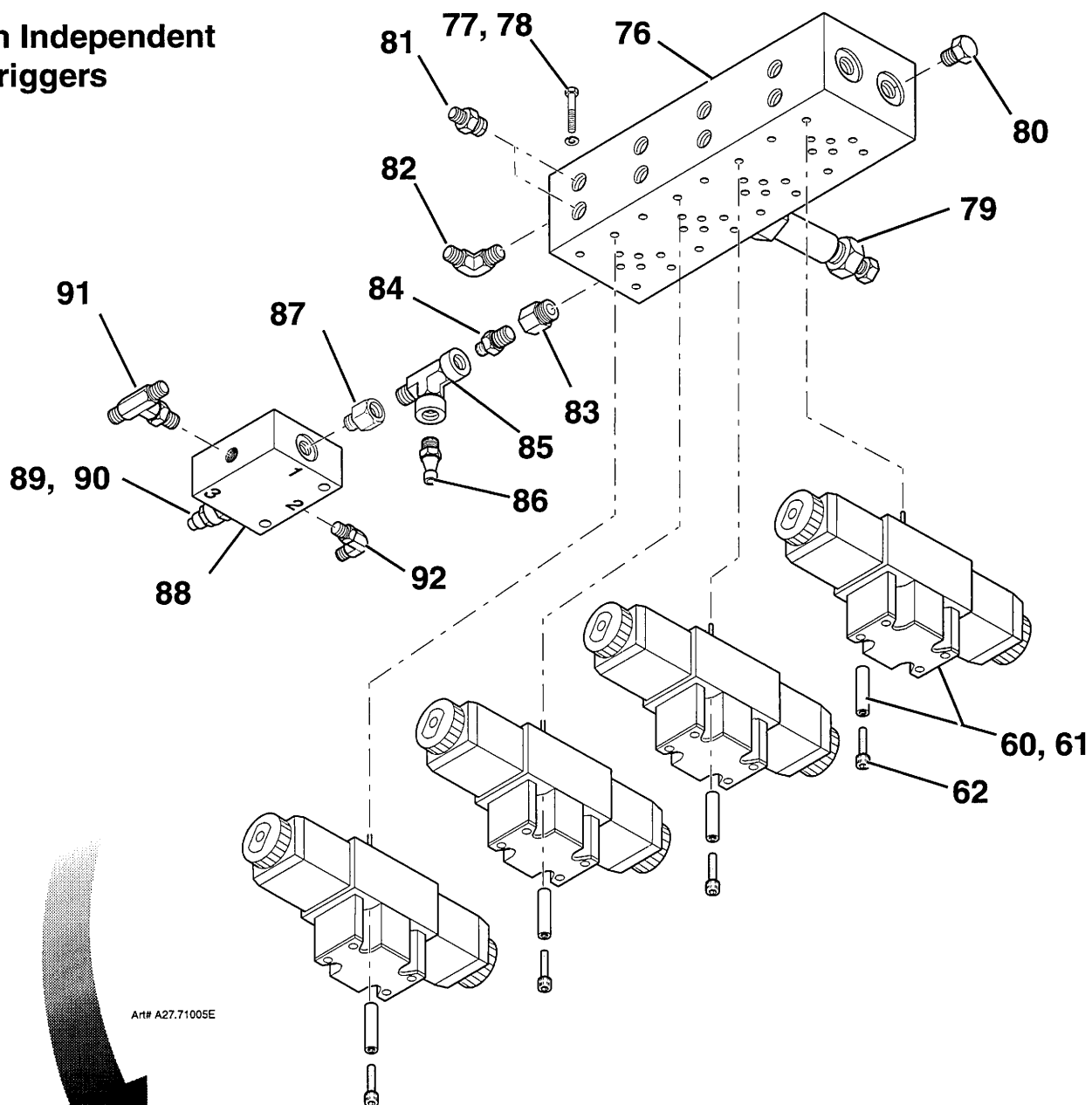
TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 4 OF 6)		
PLATE NO. 27.67	SIMON AERIALS INC. REV. 31 DEC., 1996	PART NO.

SIMON AERIALS INC.

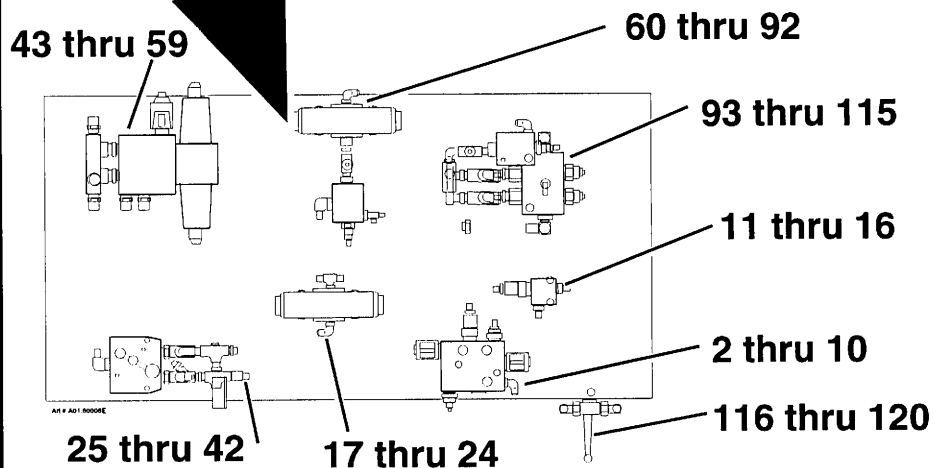
REV. 31 DEC., 1996

PART
NO.

With Independent Outriggers



Art# A27.71005E



TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 4 OF 6)

SIMON AERIALS INC.

REV. 31 DEC., 1996

PART
NO.

PLATE
NO.

27.67

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
93	01-012400		VALVE, MOTION CONTROL (with shuttle)	1
94	06-045200		90° ELBOW, "O"-RING TO 37° (10 C5OX-S) (10MJ-10MB 90°)	2
95	06-304400		ADAPTER, "O"-RING TO FEMALE NPT (10-8 F5OG-S) (10MB-8FP)	2
96	06-077400		NIPPLE (LONG), PIPE THREAD (1/2 FF-S) (8MP-8MP) (replaces 24-100767)	2
97	06-072900		FEMALE PIPE TEE (1/2 MMO-S)	2
98	06-309300		90° ADAPTER, MALE (8MP-10MJ) (replaces 24-100776)	2
99	06-004400		90° ELBOW, MALE 37° TO NPT (8-8 CTX-S) (8MJ-8MP 90°)	2
100	06-044300		90° ELBOW, "O"-RING TO 37° (4 C5OX-S) (4MB-4MJ 90°)	1
101	07-003030		CAP SCREW, HEX HEAD (5/16"-18 x 2-1/4", Grade 5)	1
102	07-062015		WASHER, FLAT (5/16")	6
103	07-050015		NUT, HEX LOCK (5/16"-18, Grade 5)	2
104	07-003036		CAP SCREW, HEX HEAD (5/16"-18 x 3-3/4", Grade 5)	1
105	01-012800		VALVE, PRESSURE REDUCING (100 to 300 psi [6.9 to 20.7 bar], @ 10 gpm [37.9 L/ min])	1
106	01-012801		SEAL KIT, PRESSURE REDUCING VALVE	1
107	01-012802		CARTRIDGE, PRESSURE REDUCING VALVE	1
108	06-050000		BRANCH TEE, MALE "O"-RING TO 37° (6 S5OX-S) (6MJ-6MJ-6MB)	1
109	06-039500		ADAPTER, "O"-RING TO 37° (4-6 F5OX-S) (4MJ-6MB)	1
110	06-086600		ADAPTER, "O"-RING TO FEMALE NPT (6-1/4 F5OG-S)	1
111	06-074700		STREET TEE (1/4 MRO-S)(4MP-4MP-4FP)	1
112	24-100842		FITTING, DIAGNOSTIC (PD 343)	1
113	06-082500		90° ELBOW, MALE PIPE THREAD (1/4 CR-S) (4MP-4MP 90°)	1
114	01-103300		VALVE, FLOW CONTROL (1 way)	1
115	06-000400		CONNECTOR, MALE 37° TO NPT (4-4 FTX-S) (4MJ-4MP)	1

TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 5 OF 6)

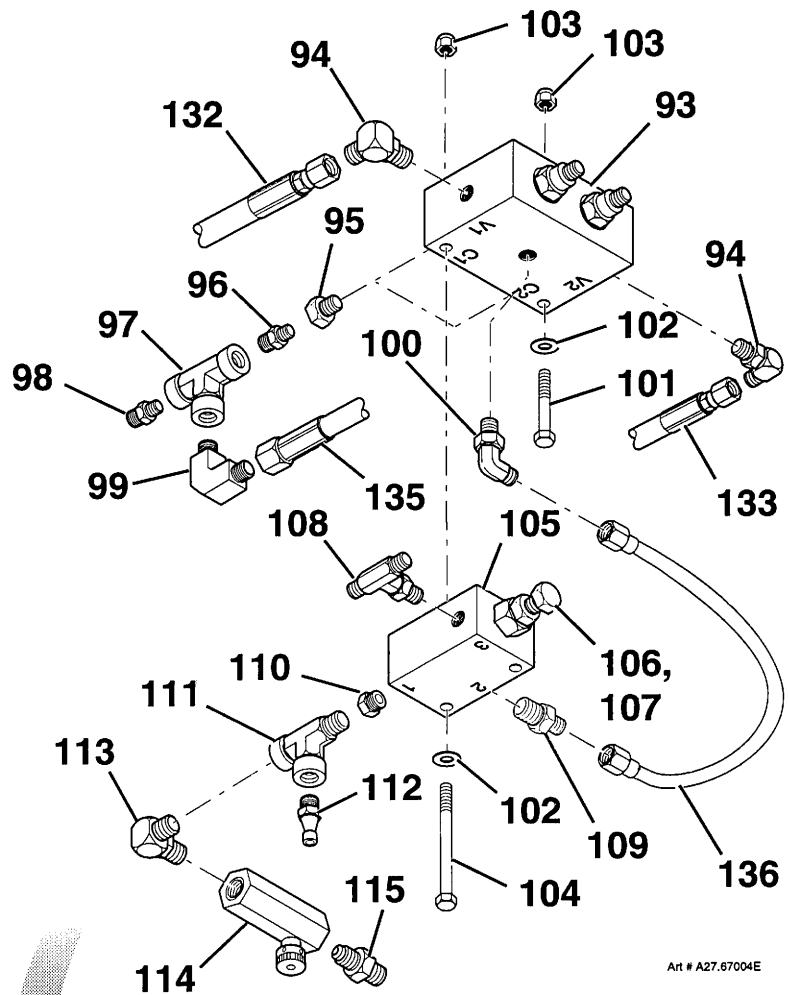
PLATE NO. 27.67

SIMON AERIALS INC.

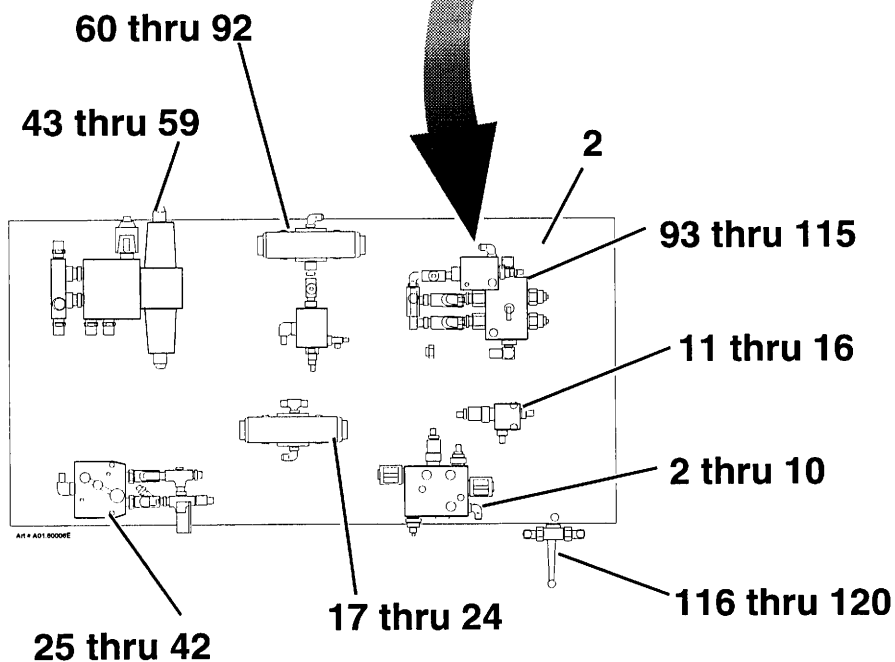
REV. 31 DEC., 1996

PART NO.

Motion Control Valve



Art # A27.67004E



TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 5 OF 6)

SIMON AERIALS INC.

REV. 31 DEC., 1996

**PART
NO.**

**PLATE
NO.**

27.67

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
116	01-107800		VALVE, MOTOR RELEASE	1
117			90° ELBOW, MALE 37° TO NPT	2
	06-003500		4-4 CTX-S (4MJ-4MP) for 2 Wheel Drive versions	
	06-003800		6 CTX-S (6MJ-4MP) for 4 Wheel Drive versions	
118	07-003025		CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	1
119	07-062015		WASHER, FLAT (5/16")	A.R.
120	07-050015		NUT, STOP (5/16"-18, Grade 5)	1
121	354 5420		HOSE KIT (consists of all hoses listed below)	1
122	-----		Lift/ Lower Valve port "IN" to Priority Valve port "CF" (6M3K 6FJX-6FJX, 23" [60 cm] long)	1
123	-----		Lift/ Lower Valve port "OUT" to Steer Valve port "T" (6M3K 6FJX-6FJX, 14" [35 cm] long)	1
124	-----		Pressure Relief Valve port "IN" to Drive Valve port "P" (8M3K 8FJX-8FJX90, 45" [1.15 M] long)	1
125	-----		Pressure Relief Valve port "OUT" to Priority Valve port "EF" (8M3K 8FJX-8FJX90, 30" [.76 M] long)	1
126	-----		Steer Valve subplate port "P" to Priority Valve port "CF" (6M3K 6FJX-6FJX90, 9" [25 cm] long)	1
127	-----		Steer Valve subplate port "T" to Priority Valve port "EF" (6M3K 6FJX-6FJX90L, 15" [40 cm] long)	1
128	-----		Priority Valve port "IN" to Drive Valve port "P" (8M3K 8FJX-8FJX, 13" [35 cm] long)	1
129	-----		Priority Valve port "CF" to Stabilizer P.R. Valve port "2" (6M3K 6FJX-6FJX90, 17" [45 cm] long)	1
130	-----		Priority Valve port "EF" to Stabilizer P.R. Valve port "3" (6M3K 6FJX-6FJX, 25" [65 cm] long)	1
131	-----		Priority Valve port "EF" to Drive Valve port "T" (10M3K 10FJX-10FJX, 16" [40 cm] long)	1
132	-----		Drive Valve port "A" to Motion Control Valve port "V1" (6M3K 6FJX-6FJX90, 48" [1.20 M] long)	1
133	-----		Drive Valve port "B" to Motion Control Valve port "V2" (6M3K 6FJX-6FJX, 40" [1.10 M] long)	1
134	-----		Stabilizer Valve port "T" to Stabilizer P.R. Valve port "3" (6M3K 6FJX-6FJX90)	1
135	-----		Motion Control Valve port "C1" or "C2" to Motor Release Loop Valve (4M3K 4FJX-4FJX90, 25" [65 cm] long)	2
136	-----		Motion Control Valve "Top" port to P.R. Valve port "2" (4M3K 4FJX-4FJX, 14" [36 cm] long)	1

TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 6 OF 6)

PLATE NO. 27.67

SIMON AERIALS INC.

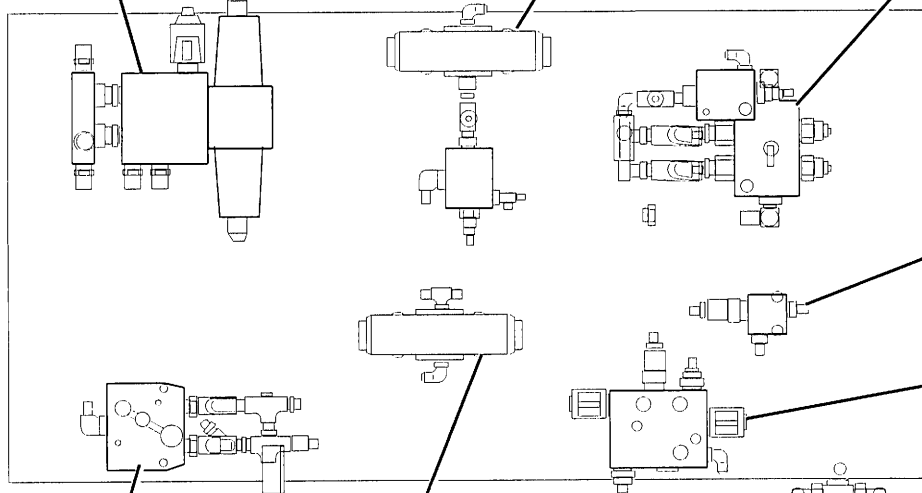
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60 thru 92

93 thru 115



Art # A01.60006E

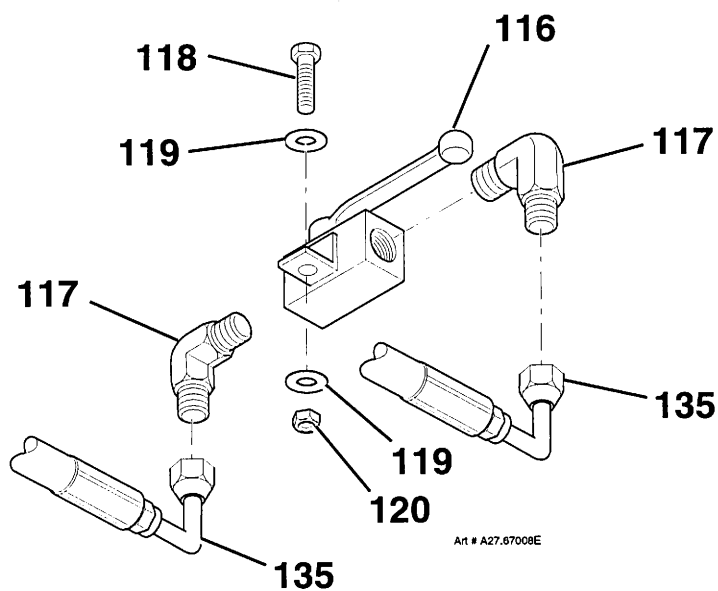
11 thru 16

2 thru 10

25 thru 42

17 thru 24

116 thru 120



Art # A27.67008E

TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 6 OF 6)

SIMON AERIALS INC.

REV. 31 DEC., 1996

PART
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PLATE
NO.

27.67

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	354 9390		HYDRAULIC SUBPLATE ASSEMBLY (For models 3020, 3715 or 4612G or RT Scissors with 24 HP Gas Engine.) (For models 3020, 3715 or 4612E Scissors.)	
2	222 5630		PLATE, HYDRAULIC COMPONENT MOUNTING	1
3	01-108600		MANIFOLD, 4 STATION (replaces 01-101600)	1
4	07-003025		CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	4
5	07-065015		WASHER, HELICAL LOCK (5/16")	4
6	01-102300		CARTRIDGE, PRESSURE RELIEF	1
7	06-060100		REDUCER, TUBE END (6-4 TRTX-S) (4MJ-6FJ)	1
8	06-057500		NUT, TUBE (6 BTX-S)	1
9	06-050000		BRANCH TEE, MALE "O"-RING TO 37° (6 S5OX-S) (6MJ-6MJ-6MB)	1
10	06-086600		ADAPTER, "O"-RING TO FEMALE NPT (6-1/4 F5OG-S) (6MB-4FP)	1
11	01-021000		GAUGE, HYDRAULIC PRESSURE (0-4000 PSI [0-28,000 kPa]) (1/4" Male NPT)	1
12	---		FITTING (6MB)	1
13	06-400300		ADAPTER, MALE "O"-RING TO MALE NPT (6MB-6MP)	1
14	06-072800		FEMALE PIPE TEE (3/8 MMO-S) (6FP-6FP-6FP)	1
15	06-000900		CONNECTOR, MALE 37° TO NPT (6-6 FTX-S) (6MP-6MJ)	1
16	06-001100		CONNECTOR, MALE 37° TO NPT (8 FTX-S) (6MP-8MJ)	1
17	06-039500		ADAPTER, "O"-RING TO 37° (4-6 F5OX-S) (6MB-4MJ)	2
18	24-100430		FITTING PLUG (6MB) (without optional Traversing Deck) FITTING (6MB) (with optional Traversing Deck)	2
19	---		FITTING, 6MB-6FP	1
20	06-001100		CONNECTOR, MALE 37° TO NPT (8 FTX-S) (6MP-8MJ)	1
21	24-100430		PLUG (6MB)	1
22	06-086600		ADAPTER, "O"-RING TO FEMALE NPT (6-1/4 F5OG-S) (6MB-4FP)	1
23	06-216500		NIPPLE, PIPE (3/8 x 1/4 FF) (4MP-6MP)	1

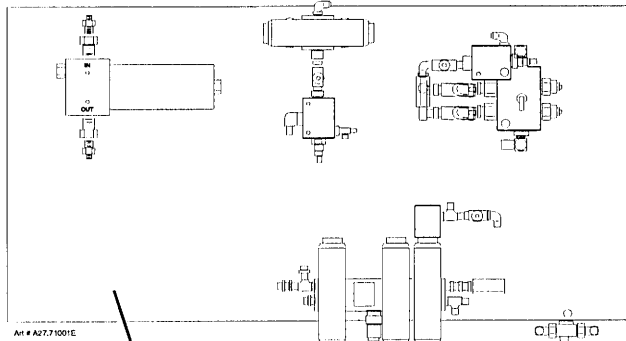
TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 1 OF 5)

PLATE NO. 27.71

SIMON AERIALS INC.

REV. 09 JAN., 1997

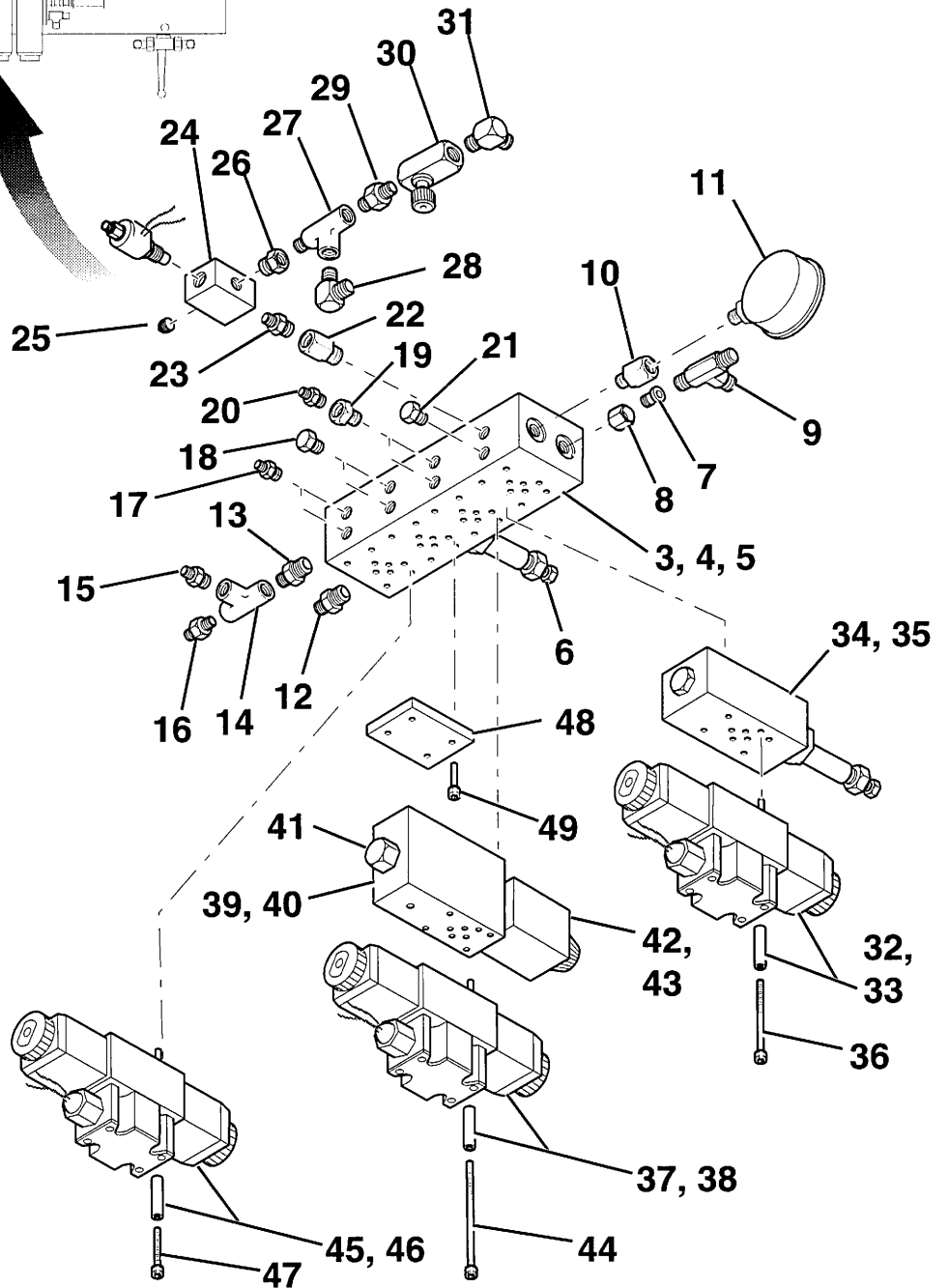
PART NO.



Art # A27.71001E

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Art # A27.71002E

TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 1 OF 5)

SIMON AERIALS INC.

REV. 09 JAN., 1997

PART
NO.

PLATE
NO.

27.71

PARTS LIST

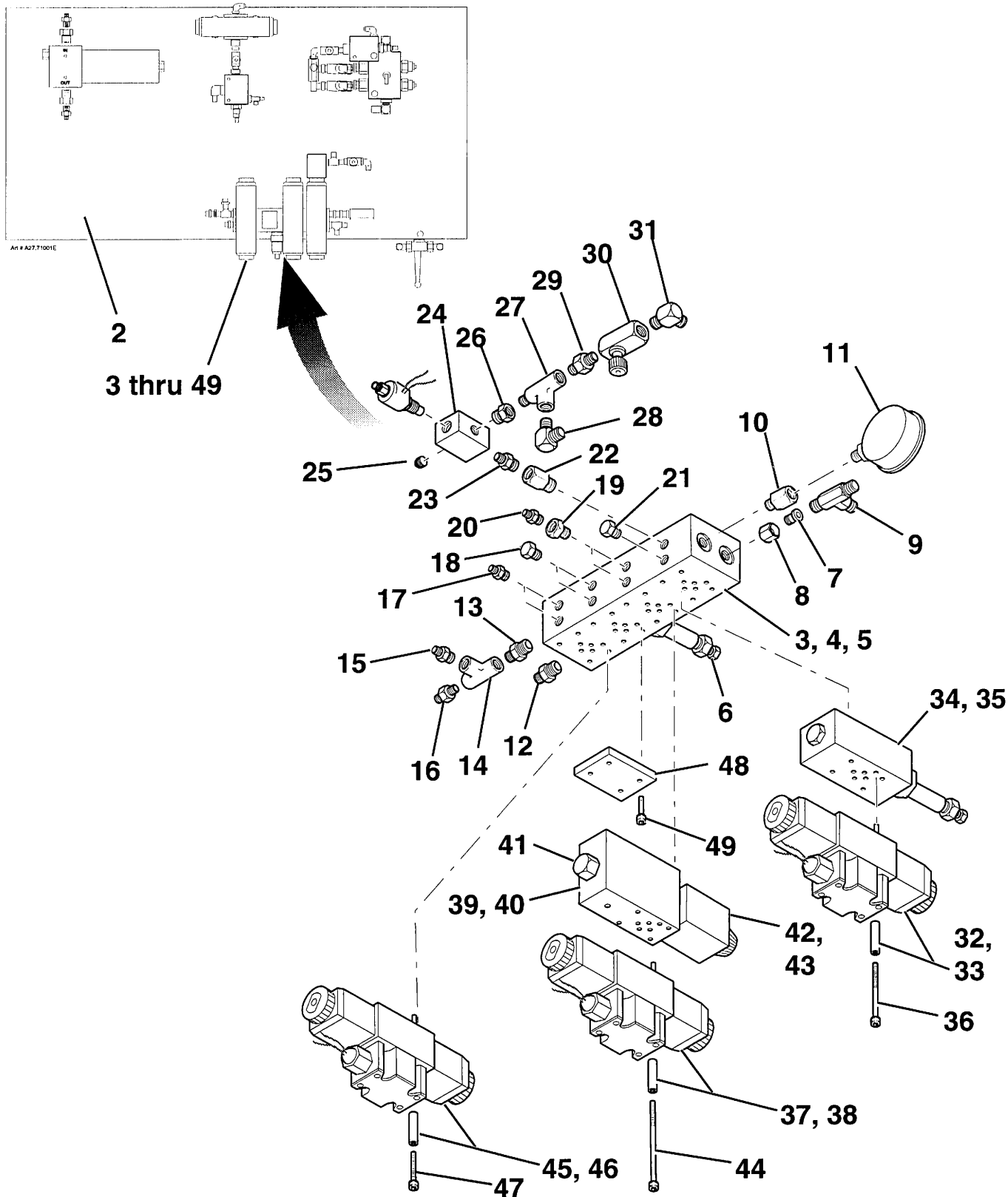
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
24	01-246800		HYDRAULIC SUBPLATE ASSEMBLY (continued) VALVE, HOLDING (Lift cylinders) (includes cartridge and coil) (was 16-800328)	1
25	06-079900		PLUG, HEX SOCKET NPT (3/8 HHP-S) (6MP)	1
26	06-070700		REDUCER, PIPE THREAD (3/8 x 1/4 PTR-S) (6MP-4FP)	1
27	06-074700		STREET TEE (1/4 MRO-S) (4MP-4FP-4FP)	1
28	06-003500		90° ELBOW, MALE 37° TO NPT (4-4 CTX-S) (4MP-4MJ 90°)	1
29	06-076900		NIPPLE, PIPE THREAD (1/4 FF-S) (4MP-4MP)	1
30	01-101400		VALVE, 1-WAY FLOW CONTROL (Lift cylinders) (replaces 16-700231)	1
31	06-003800		90° ELBOW, MALE 37° TO NPT (6 CTX-S) (4MP-6MJ 90°)	1
32	01-109300		VALVE, DIRECTIONAL (Lift/ Lower) (D03)	1
33	01-109301		COIL, LIFT/ LOWER VALVE (12 Volt DC)	2
34	01-113400		VALVE, RELIEF ("Sandwich" Valve. Pilot operated)	1
35	01-113401		CARTRIDGE, PRESSURE RELIEF	1
36	07-008360		CAP SCREW, HEX SOCKET HEAD (#10-24 x 2-3/4", Grade 8)	4
37	01-109500		VALVE, DIRECTIONAL (Drive Forward/ Reverse) (D03)	1
38	01-109501		COIL, DRIVE VALVE (12 Volt DC)	2
39	01-105400		VALVE, PROPORTIONAL FLOW (10 gpm [42 L/ min])	1
40	01-105404		SEAL KIT, PROPORTIONAL VALVE	1
41	01-105401		VALVE, DIFFERENTIAL CONTROL (marked "CP700-2L-B-0-15D")	1
42	01-105402		CARTRIDGE, PROPORTIONAL FLOW VALVE (marked "CP550-30-B-5-12D")	1
43	01-105405		COIL, PROPORTIONAL FLOW VALVE (marked "D14-68P-28", 12 Volt DC, 2 Amp)	1
44	07-008369		CAP SCREW, HEX SOCKET HEAD (#10-24 x 5", Grade 8)	4
45	01-109400		VALVE, DIRECTIONAL (Steer) (D03)	1
46	01-109401		COIL, STEER VALVE (12 Volt DC)	2
47	07-008354		CAP SCREW, HEX SOCKET HEAD (#10-24 x 1-1/4", Grade 8)	4
48	16-100027		PLATE, BLANKING	1
49	07-008350		CAP SCREW, HEX SOCKET HEAD (#10-24 x 1/2", Grade 8)	4

TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 2 OF 5)

PLATE NO. 27.71 **SIMON AERIALS INC.**

REV. 09 JAN., 1997

PART NO.



Art # A27.71002E

TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 2 OF 5)

SIMON AERIALS INC.

REV. 09 JAN., 1997

PART
NO.

PLATE
NO.

27.71

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
50	01-012400		HYDRAULIC SUBPLATE ASSEMBLY (continued)	
51	06-304400		VALVE, MOTION CONTROL (with shuttle) (0 to 30 gpm)	1
			ADAPTER, "O"-RING TO FEMALE NPT	
			(10-1/2 F5OG-S) (10MB-8FP)	2
52	06-077400		NIPPLE, PIPE THREAD (1/2 FF-S) (8MP-8MP)	2
53	06-072900		FEMALE PIPE TEE (1/2 MMO-S) (8FP-8FP-8FP)	2
54	06-001300		CONNECTOR, MALE 37° TO NPT (8-8 FTX-S)	
			(8MJ-8MP)	2
55	06-216300		90° ELBOW, MALE 37° TO NPT (4-8 CTX-S)	
			(4MJ-8MP 90°)	2
56	06-045000		90° ELBOW, "O"-RING TO 37° (8-10 C5OX-S)	
			(8MJ-10MB 90°)	2
57	06-044300		90° ELBOW, "O"-RING TO 37° (4 C5OX-S)	
			(4MB-4MJ 90°)	1
58	07-003029		CAP SCREW, HEX HEAD (5/16"-18 x 2", Grade 5)	1
59	07-062015		WASHER, FLAT (5/16")	2
60	07-050015		NUT, LOCK (5/16"-18, Grade 5)	2
61	07-003035		CAP SCREW, HEX HEAD (5/16"-18 x 3-1/2", Grade 5)	1
62	01-012800		VALVE, PRESSURE REDUCING (100 to 300 psi	
			[6.9 to 20.7 bar], @ 10 gpm [37.9 L/ min])	1
63	01-012801		SEAL KIT, PRESSURE REDUCING VALVE	1
64	01-012802		CARTRIDGE, PRESSURE REDUCING VALVE	1
65	06-044600		90° ELBOW, "O"-RING TO 37° (6 C5OX-S)	
			(6MB-6MJ 90°)	1
66	06-039600		ADAPTER, "O"-RING TO 37° (4-8 F5OX-S) (4MJ-8MB)	1
67	06-086800		ADAPTER, "O"-RING TO FEMALE NPT (8-1/4 F5OG5-S)	
			(8MB-4FP)	1
68	06-303800		CONNECTOR, MALE TO FEMALE NPT (1/4 x 1/4 FG-S)	
			(4MP-4FP)	1
69	06-082500		90° ELBOW, MALE PIPE THREAD (1/4 CR-S)	
			(4MP-4MP 90°)	1
70	06-074700		STREET TEE (1/4 MRO-S) (4MP-4FP-4FP)	1
71	24-100842		FITTING, DIAGNOSTIC (PD 343)	1
72	01-103300		VALVE, 1-WAY FLOW CONTROL (Brake)	
			(replaces 01-101400)	1
73	06-000400		CONNECTOR, MALE 37° TO NPT (4-4 FTX-S)	
			(4MJ-4MP)	1

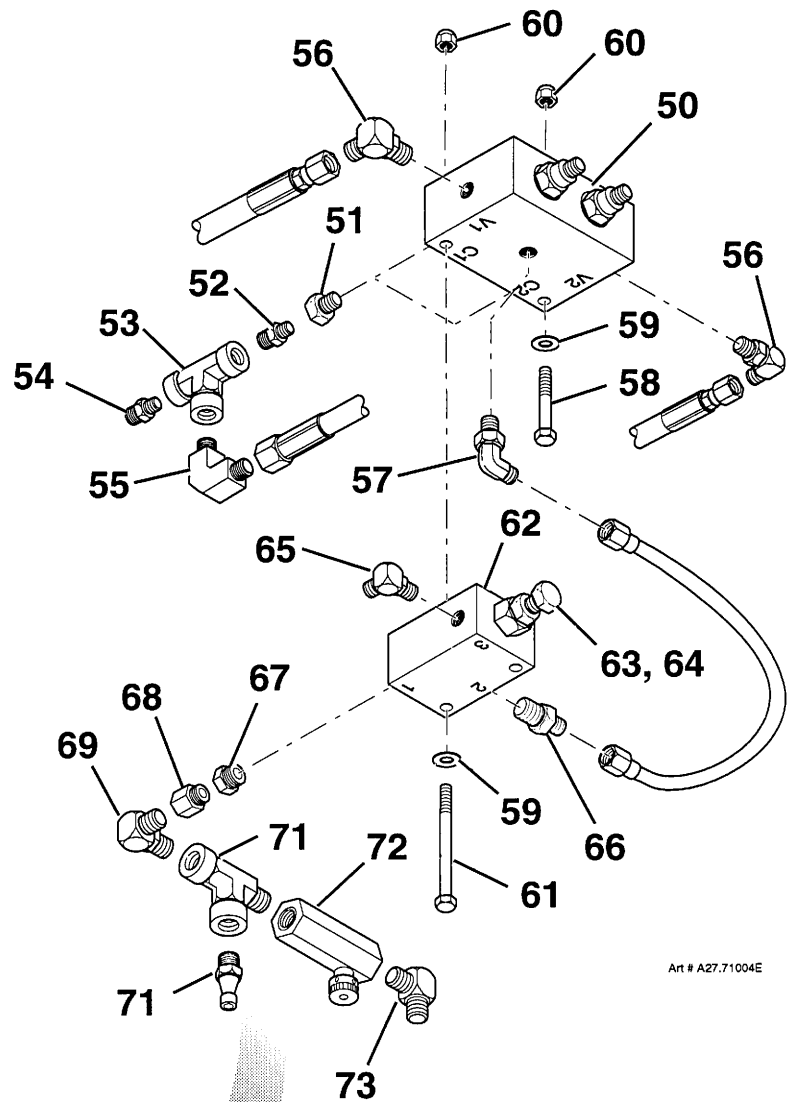
TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 3 OF 5)

PLATE NO. 27.71

SIMON AERIALS INC.

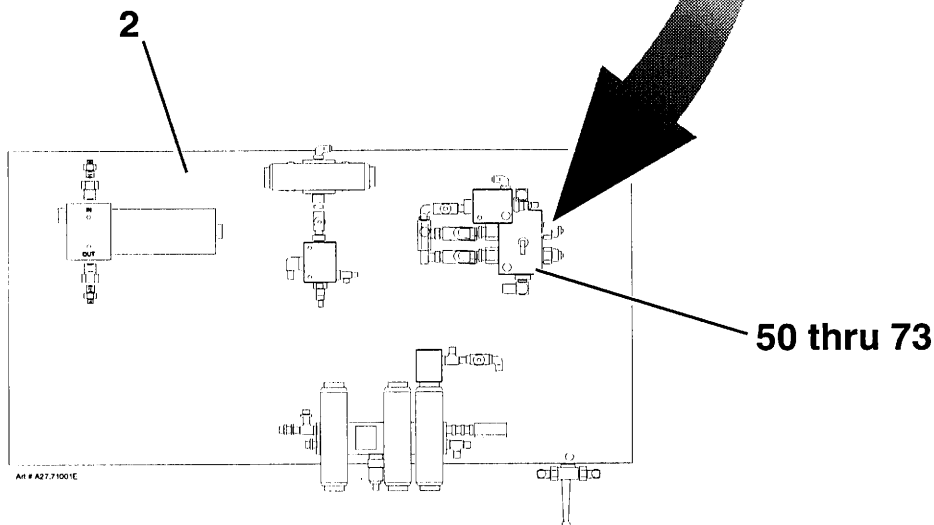
REV. 09 JAN., 1997

PART NO.



Art # A27.71004E

Motion Control Valve



Art # A27.71001E

TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 3 OF 5)

SIMON AERIALS INC.

REV. 09 JAN., 1997

**PART
NO.**

**PLATE
NO.**

27.71

PARTS LIST

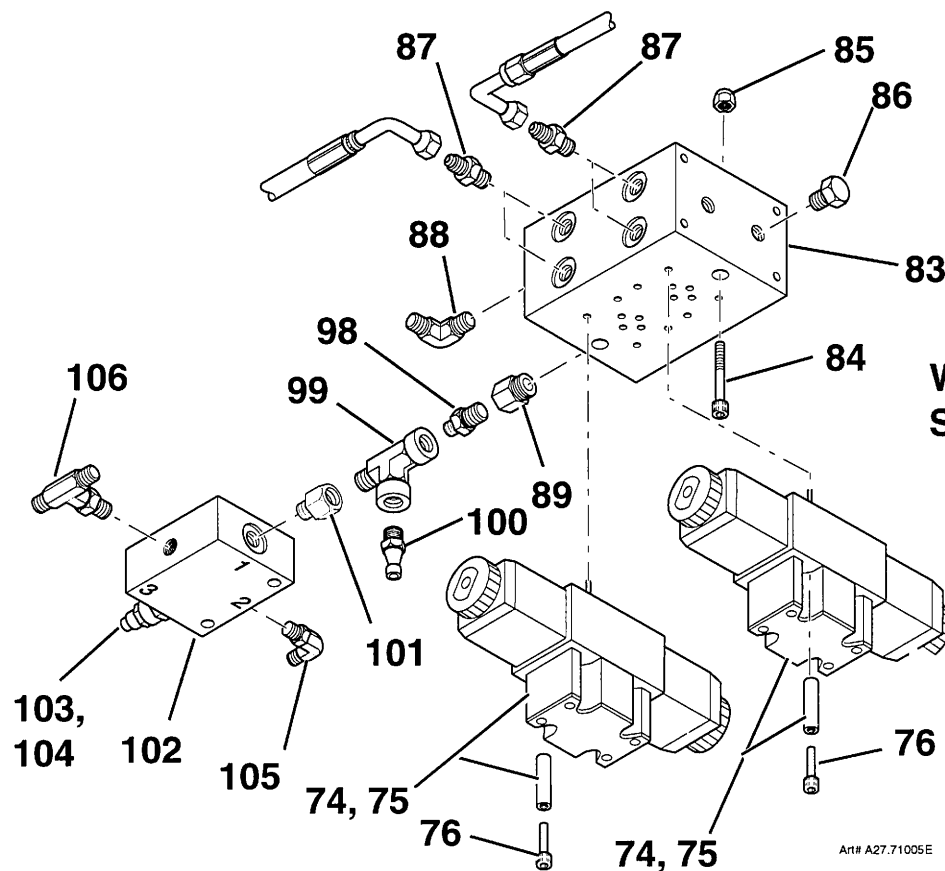
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
74	01-109500		HYDRAULIC SUBPLATE ASSEMBLY (continued) VALVE, DIRECTIONAL (D03) When Stabilizers are fitted	A.R. 1
			When optional Side by Side Outriggers are fitted	2
			When optional Independent Outriggers are fitted	4
75	01-109501		COIL, DRIVE VALVE (12 Volt DC)	2
76	07-008354		CAP SCREW, HEX SOCKET HEAD (#10-24 x 1-1/4", Grade 8) (4 used per Directional Valve)	A.R.
77	01-078100		SUB PLATE, VALVE (Single station. When Stabilizers are fitted.)	1
78	07-008004		CAP SCREW, HEX SOCKET HEAD (1/4"-20 x 1-1/2", Grade 8)	2
79	07-050014		NUT, HEX LOCK (1/4"-20, Grade 5)	2
80	06-050000		BRANCH TEE, MALE "O"-RING TO 37° (6 S5OX-S) (6MJ-6MJ-6MB)	2
81	06-044600		90° ELBOW, "O"-RING TO 37° (6 C5OX-S) (6MJ-6MB 90°)	1
82	06-086600		ADAPTER, "O"-RING TO FEMALE NPT (6-1/4 F5OG-S) (6MB-4FP)	1
83	16-101310		MANIFOLD, 2 STATION (When optional Side by Side Outriggers are fitted)	1
84	07-008004		CAP SCREW, HEX SOCKET HEAD (1/4"-20 x 1-1/2", Grade 8)	2
85	07-050014		NUT, HEX LOCK (1/4"-20, Grade 5)	2
86	06-079600		FITTING PLUG, HEX SOCKET NPT (1/2 HHP-S) (8MP) (without optional Traversing Deck)	2
	---		FITTING (8MP) (with optional Traversing Deck)	
87	06-000900		CONNECTOR, MALE 37° TO NPT (6-6 FTX-S) (6MP-6MJ)	4
88	06-004100		90° ELBOW, MALE 37° TO NPT (6-8 CTX-S) (8MP-6MJ 90°)	1
89	06-071000		REDUCER, PIPE THREAD (1/2 x 1/4 PTR-S) (8MP-4FP)	1

TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 4 OF 5)

PLATE NO. 27.71 **SIMON AERIALS INC.**

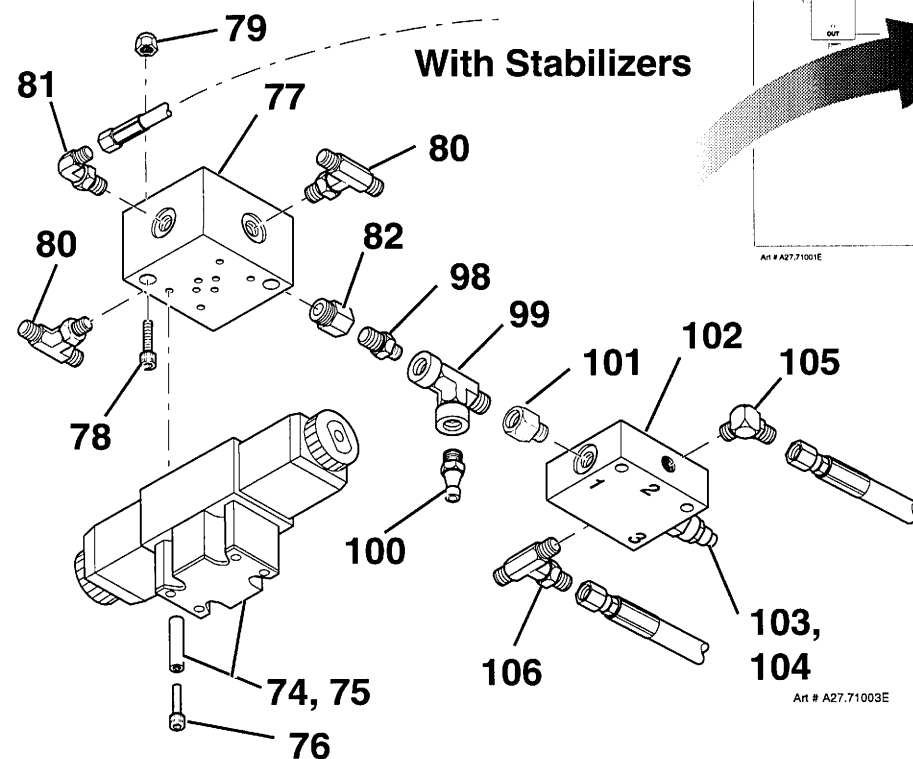
REV. 09 JAN., 1997

PART NO.

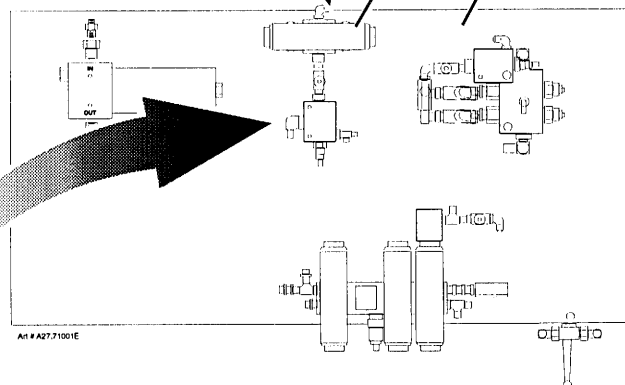


With Independent
Outriggers, see
Next Page

With Side by
Side Outriggers



With Stabilizers



TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 4 OF 5)

SIMON AERIALS INC.

REV. 09 JAN., 1997

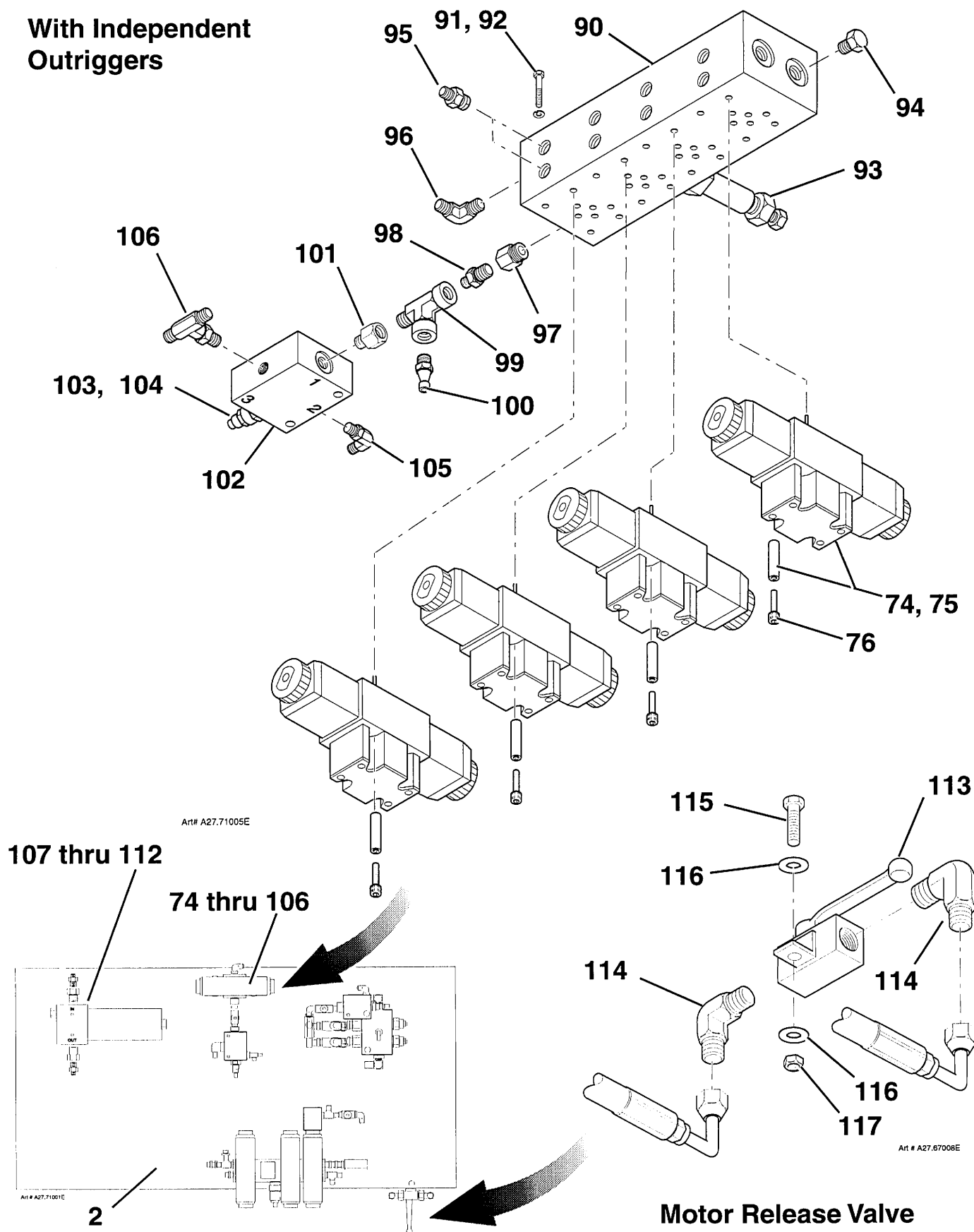
PART
NO.

PLATE
NO.

27.71

PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
90	01-108600		HYDRAULIC SUBPLATE ASSEMBLY (continued) MANIFOLD, 4 STATION (replaces 01-101600) (When optional Independent Outriggers are fitted)	1
91	07-003025		CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	4
92	07-065015		WASHER, HELICAL LOCK (5/16")	4
93	01-102300		CARTRIDGE, PRESSURE RELIEF	1
94			FITTING	2
	24-100430		PLUG (6MB) (without optional Traversing Deck)	
	---		FITTING (6MB) (with optional Traversing Deck)	
95	06-039800		ADAPTER, "O"-RING TO 37° (6 F5OX-S) (6MB-6MJ)	8
96	06-044600		90° ELBOW, "O"-RING TO 37° (6 C5OX-S) (6MB-6MJ 90°)	1
97	06-086600		ADAPTER, "O"-RING TO FEMALE NPT (6-1/4 F5OG-S) (6MB-4FP)	1
98	06-076900		REDUCER/ EXPANDER (LONG), PIPE THREAD (1/4 FF-S) (4MP-4MP)	1
99	06-074700		STREET TEE (1/4 MRO-S) (4MP-4MP-4FP)	1
100	24-100842		FITTING, DIAGNOSTIC (PD 343)	1
101	06-086800		ADAPTER, "O"-RING TO FEMALE NPT (8-1/4 F5OG-S) (8MB-4FP)	1
102	01-012800		VALVE, PRESSURE REDUCING (100 to 300 psi [6.9 to 20.7 bar], @ 10 gpm [37.9 L/ min])	1
103	01-012801		SEAL KIT, PRESSURE REDUCING VALVE	1
104	01-012802		CARTRIDGE, PRESSURE REDUCING VALVE	1
105	06-044700		90° ELBOW, "O"-RING TO 37° (6-8 C5OX-S) (8MB-6MJ 90°)	1
106	06-048500		RUN TEE, MALE "O"-RING TO 37° (6 R5OX-S) (6MB-6MJ-6MJ)	1
107	01-035100		FILTER, HIGH PRESSURE (25 Micron)	1
108	01-106100		ELEMENT, FILTER, (25 Micron, 3" dia. x 10" long)	1
109	07-003026		CAP SCREW, HEX HEAD (5/16"-18 x 1-1/4", Grade 5)	1
110	07-065015		WASHER, HELICAL LOCK (5/16")	1
111	06-092200		REDUCER/ EXPANDER (20-12 F5OG5-S) (20MB-12FB)	2
112	06-040400		ADAPTER, "O"-RING TO 37° (8-12 F5OX-S) (8MJ-12MB)	2
113	01-107800		VALVE, MOTOR RELEASE (replaces 16-100982)	1
114			90° ELBOW, MALE 37° TO NPT	2
	06-003500		4-4 CTX-S (4MJ-4MP) for 2 Wheel Drive versions	
	06-003800		6 CTX-S (6MJ-4MP) for 4 Wheel Drive versions	
115	07-003025		CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	1
116	07-062015		WASHER, FLAT (5/16")	A.R.
117	07-050015		NUT, STOP (5/16"-18, Grade 5)	1
TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 5 OF 5)				
PLATE NO.	27.71	SIMON AERIALS INC.		PART NO.
			REV. 09 JAN., 1997	

**With Independent
Outriggers**



TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 5 OF 5)

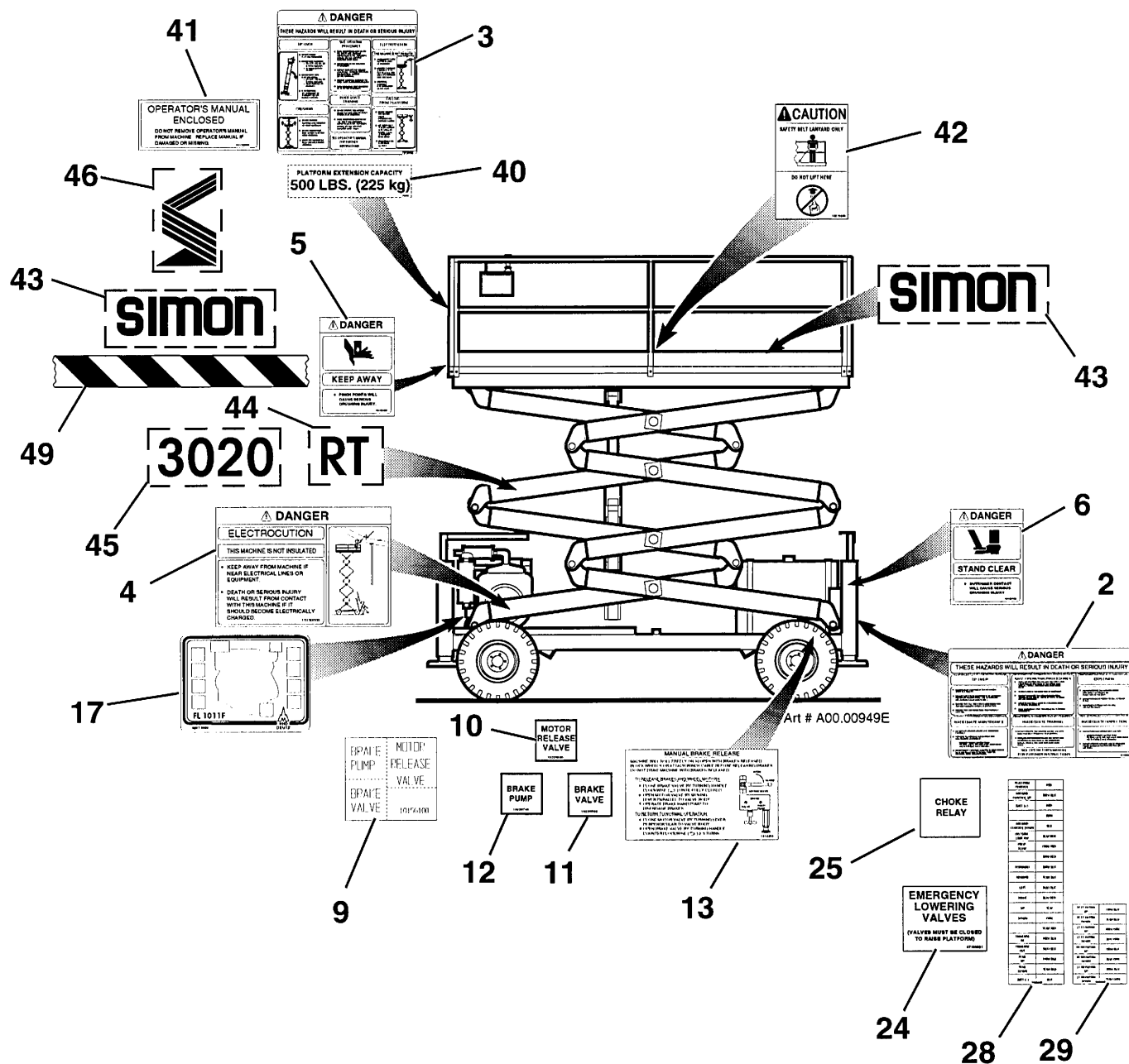
SIMON AERIALS INC.

REV. 09 JAN., 1997

**PART
NO.**

**PLATE
NO.** 27.71

PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1			DECAL KIT, 3020 Scissors (Not available. Order decals individually.)	1
2	10-130600		DECAL, "DANGER" (Hazard listing, at ground controls) (Some versions were labelled 10-261400.)	1
3	10-130400		DECAL, "DANGER" (Hazard listing, at platform controls)	1
4	10-130000		DECAL, "DANGER" ("Electrocution . . .")	2
5	10-130300		DECAL, "DANGER" ("Keep away. Pinch points will . . .")	4
6	10-130700		DECAL, "DANGER" ("Stand clear. Outrigger contact . . .")	4
7	10-151300		PLACARD, "HYDRAULIC FLUID ONLY"	1
8			PLACARD, FUEL (with fuel powered scissors only)	1
	10-117900		"GASOLINE ONLY"	
	10-265300		"REGULAR GASOLINE ONLY" (Obsolete style. Some earlier versions were labelled 47-100225.)	
	10-151100		"DIESEL FUEL ONLY" (with optional Diesel engine)	
9	10-156100		DECAL, "MOTOR RELEASE VALVE; BRAKE VALVE; BRAKE PUMP" (3 decals on tear off sheet, standard style)	1
10	10-228600		DECAL, "MOTOR RELEASE VALVE" (optional style)	1
11	10-228800		DECAL, "BRAKE VALVE" (optional style)	1
12	10-228700		DECAL, "BRAKE PUMP" (optional style)	1
13	10-144500		DECAL, "MANUAL BRAKE RELEASE . . ."	1
14			DECAL, FILLED TIRES (This vehicle equipped . . . Towing at speeds over 10 . . .")	1
	10-208300		With calcium filled tires	
	47-100107		With foam filled tires (replaces 47-215359)	
15	10-209400		DECAL, "TIGHTEN LUG NUTS TO 90 FT./ LBS."	1
16	10-232600		DECAL, RELIEF VALVE ("Use RV3 . . . in side - out nose")	1
17	10-232800		DECAL, DEUTZ FL1011 ENGINE (marked "02974983")	1
18	10-232700		DECAL, ENGINE CONTROL BOX (for Deutz Diesel only) (Glow plug/ Low oil pressure/ High engine temperature)	1
19	10-266000		PLACARD, GROUND CONTROL (Later version. Replaces individual decals, below)	1
20	47-100224		DECAL, "EMERGENCY STOP SWITCH" (obsolete)	1
21	10-209500		PLATE, "LIFT/ LOWER" (Silver lettering on Black) (obsolete)	1
	10-209500		DECAL, "UP/ DOWN" (Black lettering on White, with arrows) (obsolete, replaced by "Lift/ Lower" plate, above)	1
22	10-205100		PLATE, "HIGH RANGE/ LOW RANGE" (obsolete) (if so equipped)	1
TITLE DECALS, 3020 SCISSORS (PLATE 1 OF 3)				
PLATE NO.	99.80	SIMON AERIALS INC.		PART NO.
REV. 07 JAN., 1997				



Left Side Decals

TITLE

DECALS, 3020 SCISSORS (PLATE 1 OF 3)

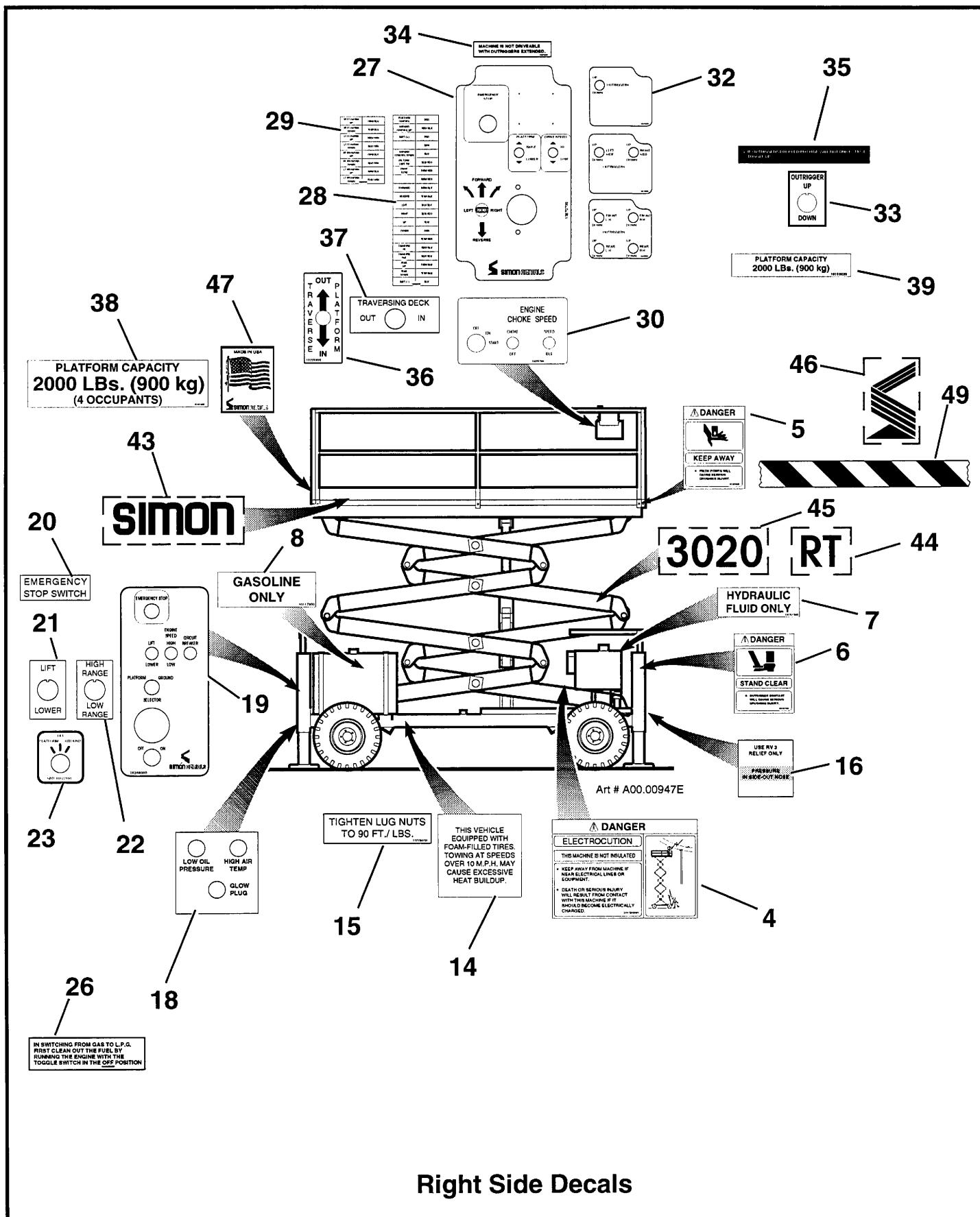
SIMON AERIALS INC.

REV. 07 JAN., 1997

PART
NO.

PLATE
NO. 99.80

PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
23	10-225800		DECAL, "PLATFORM/ OFF/ GROUND" (obsolete) (some earlier versions were labelled 10-122100)	1
24	10-259100		DECAL, "EMERGENCY LOWERING VALVES . . ." (some earlier versions were labelled 47-100321)	1
25			DECAL, RELAY (used inside ground control box as needed)	
	10-265600		"CHOKE RELAY"	1
	10-265700		"CONTROL RELAY"	1
	10-265800		"ENGINE HIGH SPEED RELAY"	1
	10-232400		"ENGINE RELAY"	1
	10-232500		"LOW OIL PRESSURE RELAY"	1
	10-265900		"MOTOR START RELAY"	1
	10-232900		"PREHEAT RELAY"	1
26	10-025000		DECAL, "IN SWITCHING FROM GAS TO PROPANE . . ."	1
27	10-270700		PLACARD, PLATFORM CONTROL (For current versions. Earlier versions had information printed directly on box top)	1
28			DECAL, 20 POSITION TERMINAL BLOCK (inside box) For electric powered versions except as listed below For engine powered versions except as listed below	2
	10-265500			
	10-279900			
	10-279800		For electric powered versions with optional side by side outriggers, but without optional traversing deck	
	10-280000		For engine powered versions with optional side by side outriggers, but without optional traversing deck	
29			DECAL, 8 POSITION TERMINAL BLOCK (inside box) For versions with optional side by side outriggers, and with optional traversing deck	2
	10-280100			
	10-280200		For versions with optional independent outriggers, with or without optional traversing deck	
30	10-231700		PLATE, ENGINE SWITCH "START/ CHOKE/ SPEED" (with fuel powered scissors only)	1
31	10-207700		DECAL, "GLOW PLUG" (With optional Diesel engine. Mounts over "Choke" toggle.)	1
32			DECAL, "OUTRIGGER, UP/ DOWN" (current version, with optional stabilizers or outriggers)	1
	10-270300		when one outrigger switch is fitted	
	10-270400		when two outrigger switches are fitted	
	10-270500		when four outrigger switches are fitted	
33	47-101270		DECAL, "OUTRIGGER, UP/ DOWN" (earlier version, with optional stabilizers or outriggers)	A.R.
34	10-270600		DECAL, "MACHINE IS NOT DRIVEABLE . . ." (current version, with optional stabilizers or outriggers)	1
35	47-101266		DECAL, "5. IF OUTRIGGERS DROPPED . . ." (earlier version, with optional stabilizers or outriggers)	1
TITLE DECALS, 3020 SCISSORS (PLATE 2 OF 3)				
PLATE NO.	99.80	SIMON AERIALS INC.		PART NO.
REV. 07 JAN., 1997				



Right Side Decals

TITLE

DECALS, 3020 SCISSORS (PLATE 2 OF 3)

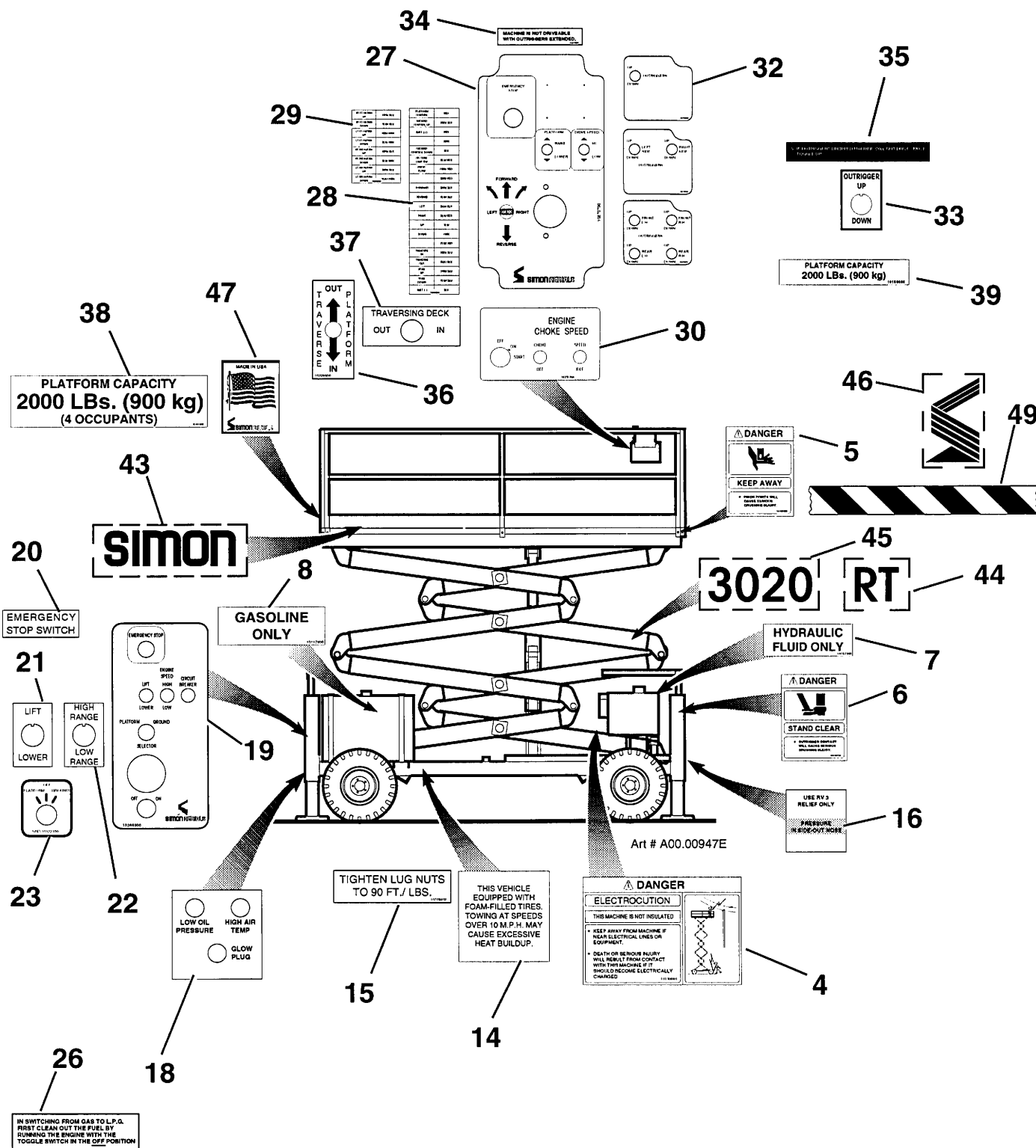
SIMON AERIALS INC.

REV. 07 JAN., 1997

PART
NO.

PLATE
NO. 99.80

PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
36	11-228900		DECAL, "TRAVERSE PLATFORM, IN/ OUT" (current)	1
37	11-201300		DECAL, "TRAVERSING DECK, IN/ OUT" (earlier version)	1
38			DECAL, PLATFORM CAPACITY (large)	1
	10-151400		"2000 LBs . . . 4 OCCUPANTS" (with standard deck)	
	10-143700		"1500 LBs . . . 4 OCCUPANTS" (with rollout or traversing deck) (some earlier versions were labelled "10227600")	
39			DECAL, PLATFORM CAPACITY (small)	1
	10-150600		"2000 LBs (900 kg)" (with standard deck)	
	10-149300		"1500 LBs (680 kg)" (with rollout or traversing deck)	
40	10-143000		DECAL, "Platform extension capacity 500 Lbs (225 kg)" (with optional rollout deck)	1
41	10-139800		DECAL, "OPERATOR'S MANUAL ENCLOSED"	1
42	10-272600		DECAL, "CAUTION" ("Safety belt lanyard . . .")	2
43	10-083000		DECAL, "SIMON" NAME (4" [102 mm] high, Black)	3
44			DECAL, MODEL (for "RT" versions only)	2
	10-278700		Reads "3020RT" (Current version)	
	10-269300		Reads "RT" (Earlier version. Used with 10-133700, below.)	
45	10-133700		DECAL, MODEL "3020"	2
46	10-131900		DECAL, SIMON "S" LOGO (Orange/ Gray, 9" [229 mm] wide x 13-1/2" [344 mm])	1
47	10-121600		DECAL, "MADE IN U.S.A."	1
48			DECAL, STRIPING ([4] stripes, 3-3/4" [95 mm] wide) (Bulk item, order as needed. 37 ft [11.3 m] needed here.)	A.R.
	10-126800		Orange stripes (standard)	
	10-213000		Cream stripes (used with some optional color schemes)	
49	10-069900		TAPE, SAFETY STRIPE (Yellow/ Black diagonal stripe) (2" [51 mm] wide x 36 Yd [33 m] long roll)	A.R.
TITLE DECALS, 3020 SCISSORS (PLATE 3 OF 3)				
PLATE NO.	99.80	SIMON AERIALS INC.		PART NO.
			REV. 07 JAN., 1997	



Right Side Decals

TITLE DECALS, 3020 SCISSORS (PLATE 3 OF 3)

SIMON AERIALS INC.

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PART
NO.

PLATE
NO. 99.80

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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

DECALS, SAMSUNG (SPECIAL)

PART
NO.

REV.

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DATED

30 JUL., 1996

SECTION

99.

PLATE NO.

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