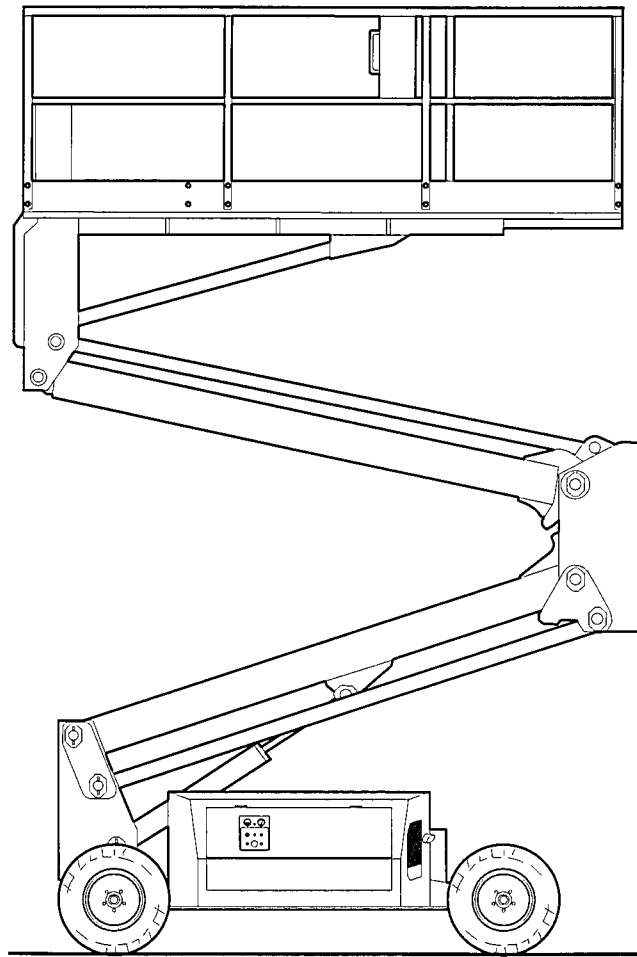


FALCON 2570 RT

 **TEREX AERIALS**
Milwaukee, Wisconsin

ILLUSTRATED PARTS CATALOG

FOR MACHINE
SERIAL NUMBER



Part No. 89-757005 • Revision "0.2", dated Oct. 1993 •

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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 FALCON 2570 VERTICAL LIFT PLATFORMS. All parts represented here are manufactured and supplied in accordance with Simon Aerials quality standards. We recommend that you use GENUINE SIMON AERIALS PARTS to insure maximum SAFETY and PERFORMANCE.

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

HOW TO USE THIS CATALOG

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

The "Table of Contents" pages list the specific sections, pages and page titles that are relevant to this model, and contained in this Catalog. Only those pages that refer specifically to the FALCON 2570 are included in this Catalog.

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

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

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

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

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

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

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

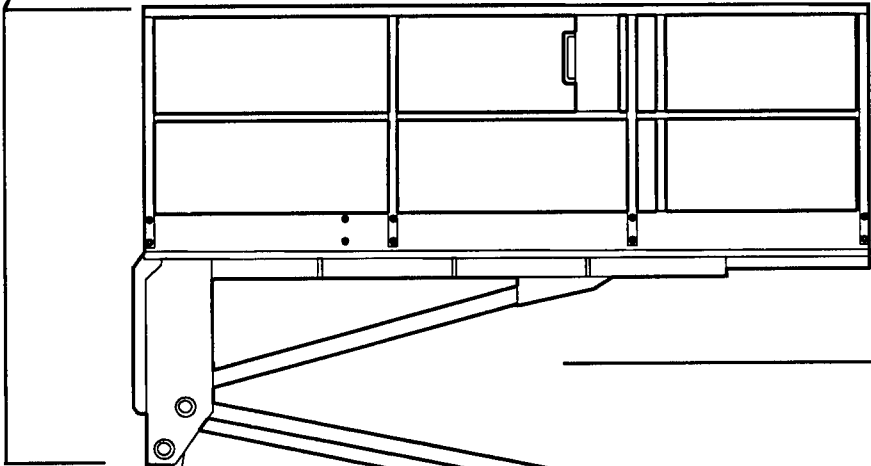
Some assembled items, such as hydraulic cylinders, may have been supplied by more than one source. While the assemblies may be able to be used interchangeably, FOR SAFETY'S SAKE, do not mix components or repair kits. Please confirm the make of the assembly on the unit before ordering or installing replacement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

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

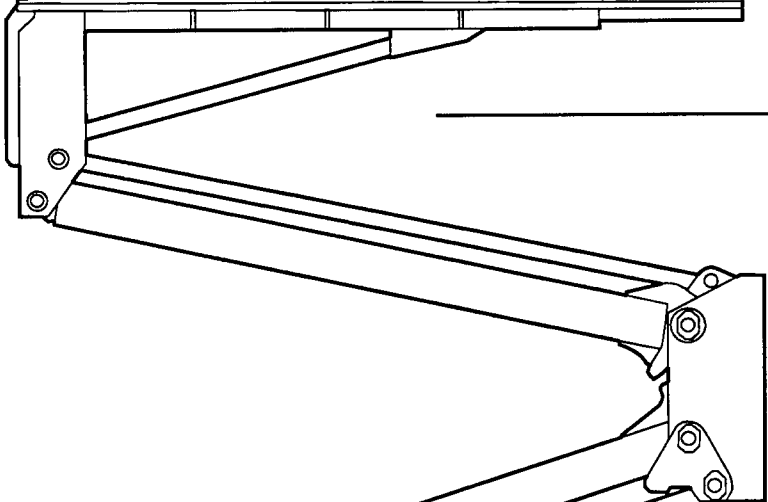
SIMON AERIALS INC. reserves the right to change, improve, modify or expand features of its equipment. Therefore, specifications, models or equipment are subject to change without notice, and without incurring obligation to change, improve, modify or expand features of previously delivered units.

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

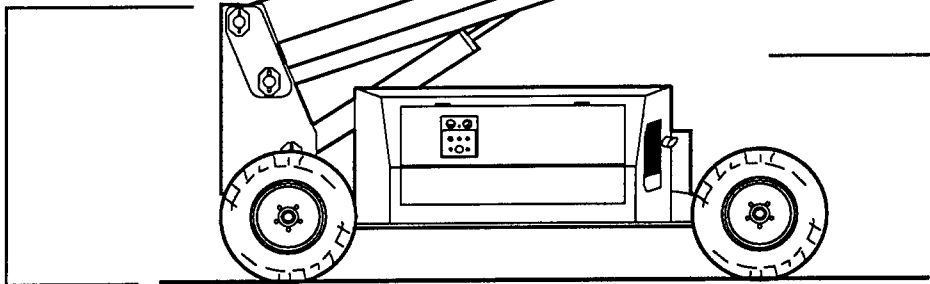
PLATFORM
SECTION 4



BOOM
SECTION 3



UNDERCARRIAGE
SECTION 1



Art # A00.00702E

DESCRIPTION
PRIMARY MACHINE COMPONENT GROUPS

PART NO.

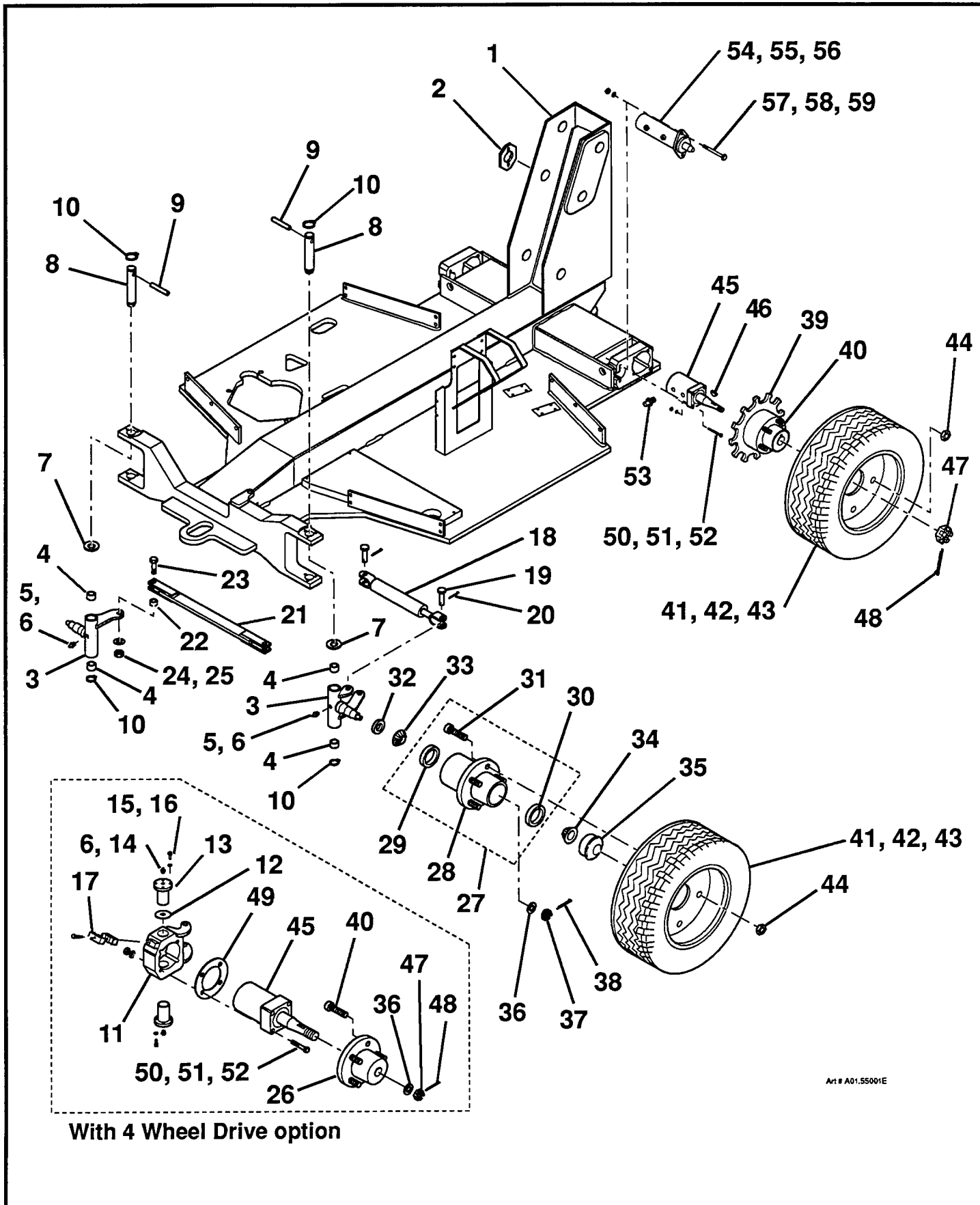
PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	2173190		UNDERCARRIAGE WELDMENT (2 wheel drive)	1
	2193260		UNDERCARRIAGE WELDMENT (with 4 wheel drive option)	1
2	2170310		PLATE, KEEPER	3
3	2182000		SPINDLE WELDMENT, FRONT (right) (2 wheel drive)	1
	2181990		SPINDLE WELDMENT, FRONT (left) (2 wheel drive)	1
4	08-060400		BUSHING, THRUST (Oilite, 1" I.D., 1-1/4" O.D., 1" long)	4
5	08-050000		FITTING, GREASE (1/8", straight)	2
6	08-066300		CAP, GREASE FITTING (white plastic)	6
7	08-060500		BEARING, THRUST (Oilite, 1" I.D., 2" O.D.)	2
8	2161030		PIN, SPINDLE (1" x 8-15/16")	2
9	2161040		PIN, LOCK ("L" type, 1-7/8" long)	2
10	08-040600		RING, RETAINING (1")	4
11	2181760		MOTOR MOUNT, FRONT (right) (4 wheel drive)	1
	2173280		MOTOR MOUNT, FRONT (left) (4 wheel drive)	1
12	08-068200		BEARING, THRUST (1-1/2" I.D., 2" O.D., 1/8" thick)	2
13	08-014000		BEARING, SLEEVE (1-1/2" I.D., 1-3/4" O.D., 1-1/2" long)	4
14	08-050000		FITTING, GREASE (1/8", straight)	4
15			SCREW (5/16")	6
16	07-065015		WASHER, HELICAL LOCK (5/16")	6
17	2183470		CLAMP, HOSE	4
18	See plate . .	11.59	CYLINDER, STEER	1
19	07-091900		PIN, CLEVIS (3/4" x 2")	2
20	07-070506		PIN, COTTER (1/8" x 1-1/4")	2
21	2173290		ROD, TIE	1
22	08-068400		BEARING, SLEEVE (1/2" I.D., 3/4" O.D., 3/4" long)	2
23	07-003089		SCREW, HEX HEAD (1/2"-13 x 2", Grade 5)	2
24	07-058400		NUT, LOCK (1/2"-13, Grade 8)	2
25	07-061018		WASHER, FLAT (1/2" SAE)	2

TITLE UNDERCARRIAGE, FALCON 2570 (PLATE 1 OF 5)

PLATE NO. 01.55	SIMON AERIALS INC.	PART NO. A-A 3525150
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NEW 12 NOV., 1992



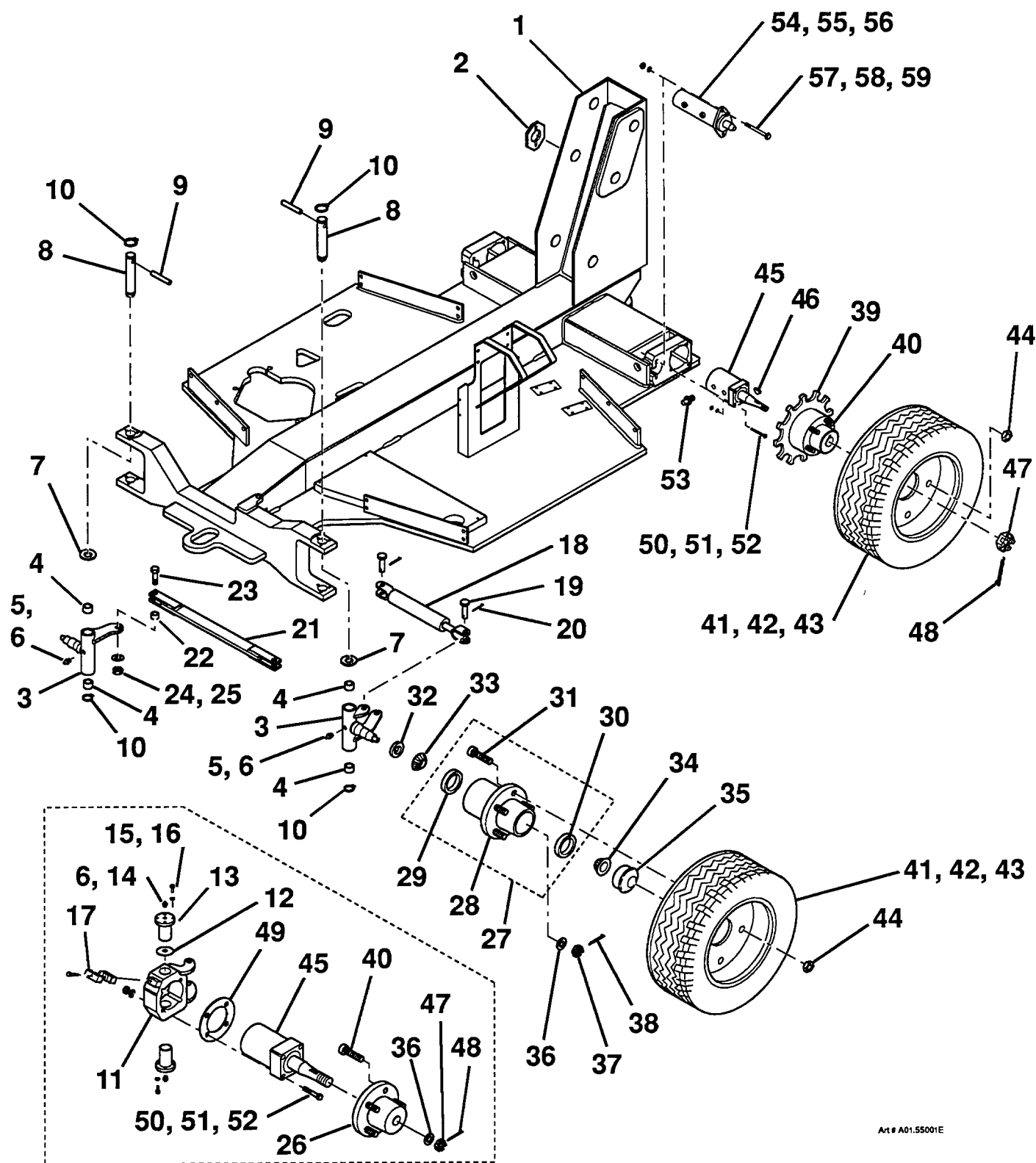
TITLE	UNDERCARRIAGE, FALCON 2570 (PLATE 1 OF 5)		
SIMON AERIALS INC.	NEW 12 NOV., 1992	PART NO. A-A 3525150	PLATE NO. 01.55

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
26	2182350		HUB, FRONT (with 4 wheel drive option)	2
27	02-019800		HUB ASSEMBLY, FRONT (2 wheel drive)	2
28			HUB, FRONT	1
29			CUP, FRONT BEARING (inner)	1
30			CUP, FRONT BEARING (outer)	1
31	07-091300		STUD, FRONT WHEEL MOUNTING (1/2"-20 x 1-1/2")	10
32	02-019802		SEAL	1
33	02-019804		CONE AND ROLLER, FRONT BEARING (inner)	1
34	02-019803		CONE AND ROLLER, FRONT BEARING (outer)	1
35	02-019801		CAP, FRONT HUB	1
36	2169150		WASHER, FLAT	2
37	07-050018		NUT, CASTLE	1
38	07-070507		PIN, COTTER (1/8" x 1-3/4")	1
39	2179830		HUB AND SPROCKET, REAR BRAKE	2
40	07-091300		STUD, REAR WHEEL MOUNTING (1/2"-20 x 1-1/2")	10
41	3525730		WHEEL AND TIRE ASSEMBLY (air filled)	4
42	02-035200		WHEEL ASSEMBLY (15" dia. x 10" wide)	1
43	02-035400		TIRE (31" x 11.50-15 LT, 4 Ply, All-terrain)	1
44	07-094500		NUT, LUG (1/2"-20)	20
45			MOTOR, DRIVE (2 required for 2WD, 4 for 4WD)	
	• 01-205400	26.52	Motor I.D. tag reads "RE 32203100"	A.R.
	• 01-208100	26.53	Motor I.D. tag reads "RE 24203100"	A.R.
	• 01-097300	26.55	Motor I.D. tag reads "RE 24070300"	A.R.
46	•		KEY, SQUARE	1
47			NUT, CASTLE	1
48	• 07-070507		PIN, COTTER (1/8" x 1-3/4")	1
49	2192180		WASHER, WHEEL MOTOR (for 4 wheel drive only)	2
50	07-004099		SCREW, HEX HEAD (1/2"-13 x 5-1/2", Grade 8)	8
51	2169150?		WASHER, FLAT (clipped)	8
52	07-058400		NUT, LOCK (1/2"-13, Grade 8)	8
53	06-040300		CONNECTOR, STRAIGHT THREAD (8-10 F50X-S)	2
54	See plate . .	11.53	CYLINDER, BRAKE	2
55	06-000400		CONNECTOR, MALE (4-4 FTX-S)	2
56	06-000700		CONNECTOR, MALE (6 FTX-S) (Right side)	1
	06-009700		CONNECTOR (Left side)	1
	06-054300		RUN TEE, SWIVEL NUT (4 R6X-S) (Left side)	1
	06-054500		RUN TEE, SWIVEL NUT (6 R6X-S) (Left side)	1
57	07-003059		CAP SCREW, HEX HEAD (3/8"-16 x 5", Grade 5)	4
58	07-050016		NUT, LOCK (3/8"-16, Grade 5)	4
59	07-062016		WASHER, FLAT (3/8")	4

TITLE UNDERCARRIAGE, FALCON 2570 (PLATE 2 OF 5)

PLATE NO.	01.55	SIMON AERIALS INC.	REV. 03 MAY, 1993	PART NO. A-A 3525150
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Alt # A01.55001E

With 4 Wheel Drive option

TITLE

UNDERCARRIAGE, FALCON 2570 (PLATE 2 OF 5)

SIMON AERIALS INC.

NEW 12 NOV., 1992

PART
NO.

A-A 3525150

PLATE
NO.

01.55

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
60	See plate . .	08.--	ENGINE ASSEMBLY	1
61			NUT (Engine mounting)	4
62			WASHER, FLAT (Engine mounting)	4
63			WASHER, HELICAL LOCK (Engine mounting)	4
64	3528370	07.52	PANEL ASSEMBLY, GROUND CONTROL	1
65	2196610		BRACKET, ALARM MOUNTING	1
66	03-038100		SENSOR, LEVEL (4.5°, 2 second delay)	1
	03-487200		SENSOR, LEVEL (3°, 2 second delay)	1
	• 03-482900		SENSOR, LEVEL (2°, 2 second delay)	1
67	07-050014		NUT, LOCK (1/4"-20, Grade 5)	2
68	07-062014		WASHER, FLAT (1/4")	2
69	07-062015		WASHER, FLAT (5/16")	2
70	03-466100		HORN, TRAVEL ALARM (97 db, 12-48 Volt DC) (option)	1
71	07-050014		NUT, LOCK (1/4"-20, Grade 5)	2
72	07-062014		WASHER, FLAT (1/4")	4
73	3527190	25.51	TANK ASSEMBLY, FUEL [13.2 Gal. (50.0 L) capacity]	1
74	3525250	24.55	TANK ASSEMBLY, HYDRAULIC [12.4 Gal. (46.9 L) capacity]	1
75	01-081501		ELEMENT, RETURN FILTER (10 Micron)	1
76	07-050014		NUT, HEX STOP (1/4"-20, Grade 5)	6
77	07-062014		WASHER, FLAT (1/4")	6
78	03-423200		BATTERY (12 Volt DC, 505 Amp)	1
79	2193430		TRAY, BATTERY	1
80	2193460		BRACKET, BATTERY HOLD DOWN	1
81	10-112900		PROTECTOR, BATTERY (Neoprene, 7" x 11" x 1/8")	1
82	07-090111		"J"-BOLT [10" (254 mm)]	2
83	07-056014		NUT, WING (1/4"-20)	8
84	07-003042		CAP SCREW, HEX HEAD (3/8"-16 x 5/8", Grade 5)	2
85	07-062016		WASHER, FLAT (3/8")	2
86	03-070100		CABLE, BATTERY [black, 12" (305 mm) long]	1
87	03-491700		CABLE, BATTERY [red, 46" (1.17 M) long]	1
88	3529060	23.53	MANIFOLD ASSEMBLY, VALVE	1
89	3527300		CABLE ASSEMBLY, MANIFOLD	1
90	01-213100		VALVE, FLOW DIVIDER/ COMBINER	
			(One used on 2-wheel drive units, two for 4WD)	A.R.
91	01-213101		SEAL KIT, FLOW DIVIDER VALVE	1
92	01-213102		CARTRIDGE, FLOW DIVIDER VALVE	1
93	06-039800		ADAPTER, "O"-RING TO 37° (6 F50X-S)	6
94	07-003013		CAP SCREW, HEX HEAD (1/4"-20 x 3", Grade 5)	2
95	07-050014		NUT, LOCK (1/4"-20, Grade 5)	2
96	07-062014		WASHER, FLAT (1/4")	8

TITLE

UNDERCARRIAGE, FALCON 2570 (PLATE 3 OF 5)

PLATE NO.

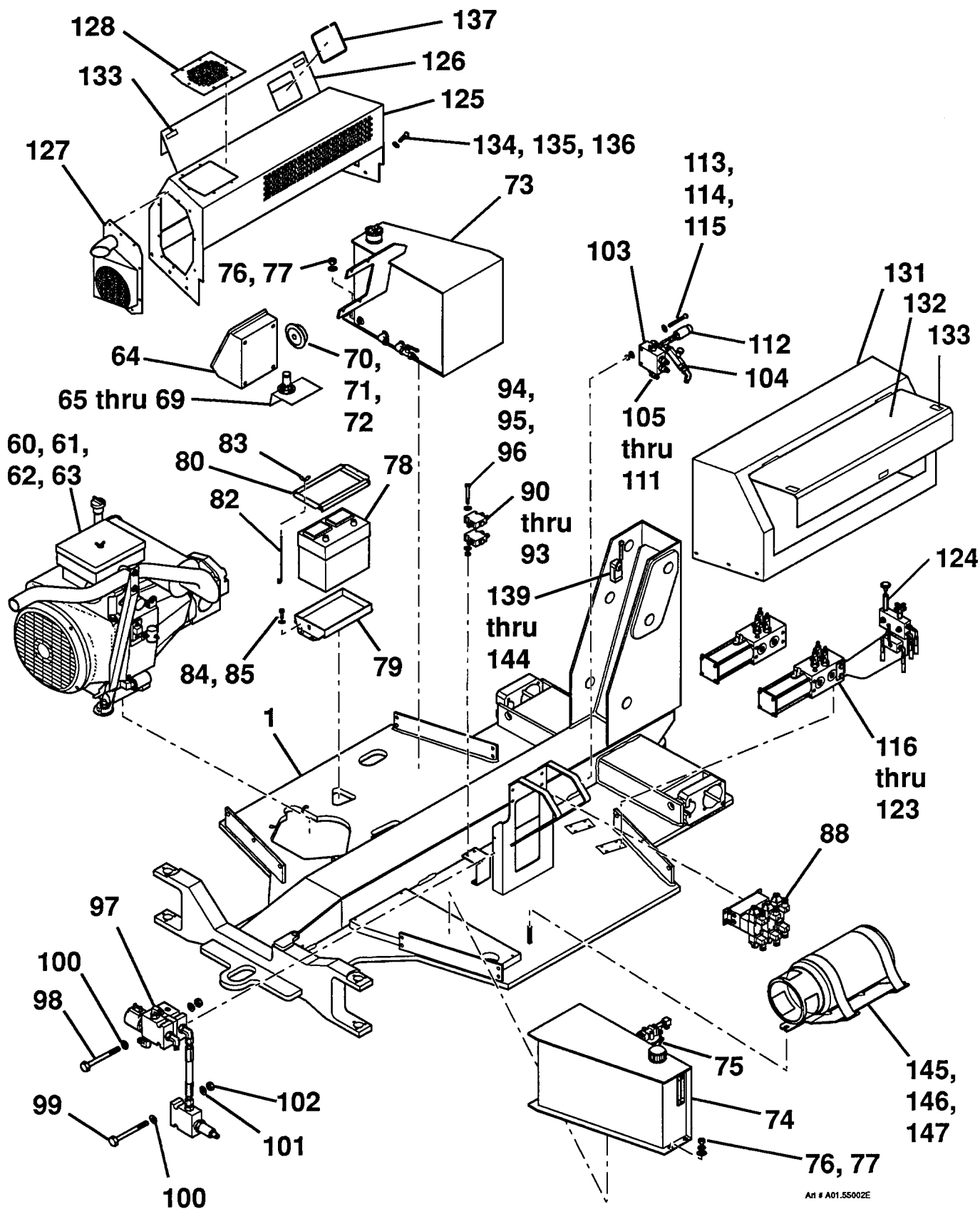
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SIMON AERIALS INC.

REV. 05 APR., 1994
THIS SHEET ONLY

PART NO.

A-A 3525150



TITLE

UNDERCARRIAGE, FALCON 2570 (PLATE 3 OF 5)

SIMON AERIALS INC.

NEW 12 NOV., 1992

PART
NO.

A-A 3525150

PLATE
NO.

01.55

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
97	3529050	27.56	VALVE ASSEMBLY, FLOW DIVIDER (Low speed)	1
98	07-003017		CAP SCREW, HEX HEAD (1/4"-20 x 4", Grade 5)	2
99	07-003009		CAP SCREW, HEX HEAD (1/4"-20 x 2", Grade 5)	2
100	07-060014		WASHER, FLAT (1/4" SAE)	8
101	07-062014		WASHER, FLAT (1/4")	4
102			NUT (1/4")	4
103	01-202800		VALVE, DUAL COUNTERBALANCE (with shuttle valve)	1
104	01-018900		VALVE, FLOW CONTROL	1
105	06-044500		ELBOW, STRAIGHT THREAD (6-4 C50X-S)	1
106	06-044600		ELBOW, STRAIGHT THREAD (6 C50X-S)	1
107	06-044700		ELBOW, STRAIGHT THREAD (6-8 C50X)	1
108	06-044800		ELBOW, STRAIGHT THREAD (8 C50X)	2
109	06-048500		TEE (6 R50X-S)	1
110	06-079000		ADAPTER (6 F65X-S)	1
111	06-090600		REDUCER/ EXPANDER (8-6 F50G5-S)	1
112	01-215600		SWITCH, PRESSURE (for Hatz Diesel engine only)	1
113			BOLT (for pressure switch)	2
114			NUT (for pressure switch)	4
115			WASHER (for pressure switch)	8
116	01-206600	27.60	VALVE, SERIES/ PARALLEL (One used on 2-wheel drive units, two for 4WD)	A.R.
117	06-044600		ELBOW (6 C50X-S)	5
118	06-048500		TEE (6 R50X-S)	6
119	06-050000		BRANCH TEE, STRAIGHT THREAD (6 S50X-S)	1
120	06-053000		ELBOW (45°), SWIVEL NUT (6 V6X-S)	1
121	07-003013		CAP SCREW, HEX HEAD (1/4"-20 x 3", Grade 5)	4
122	07-050014		NUT, LOCK (1/4"-20, Grade 5)	4
123	07-062014		WASHER, FLAT (1/4")	4
124	3529780	27.58	VALVE ASSEMBLY, BRAKE RELEASE	1

TITLE UNDERCARRIAGE, FALCON 2570 (PLATE 4 OF 5)

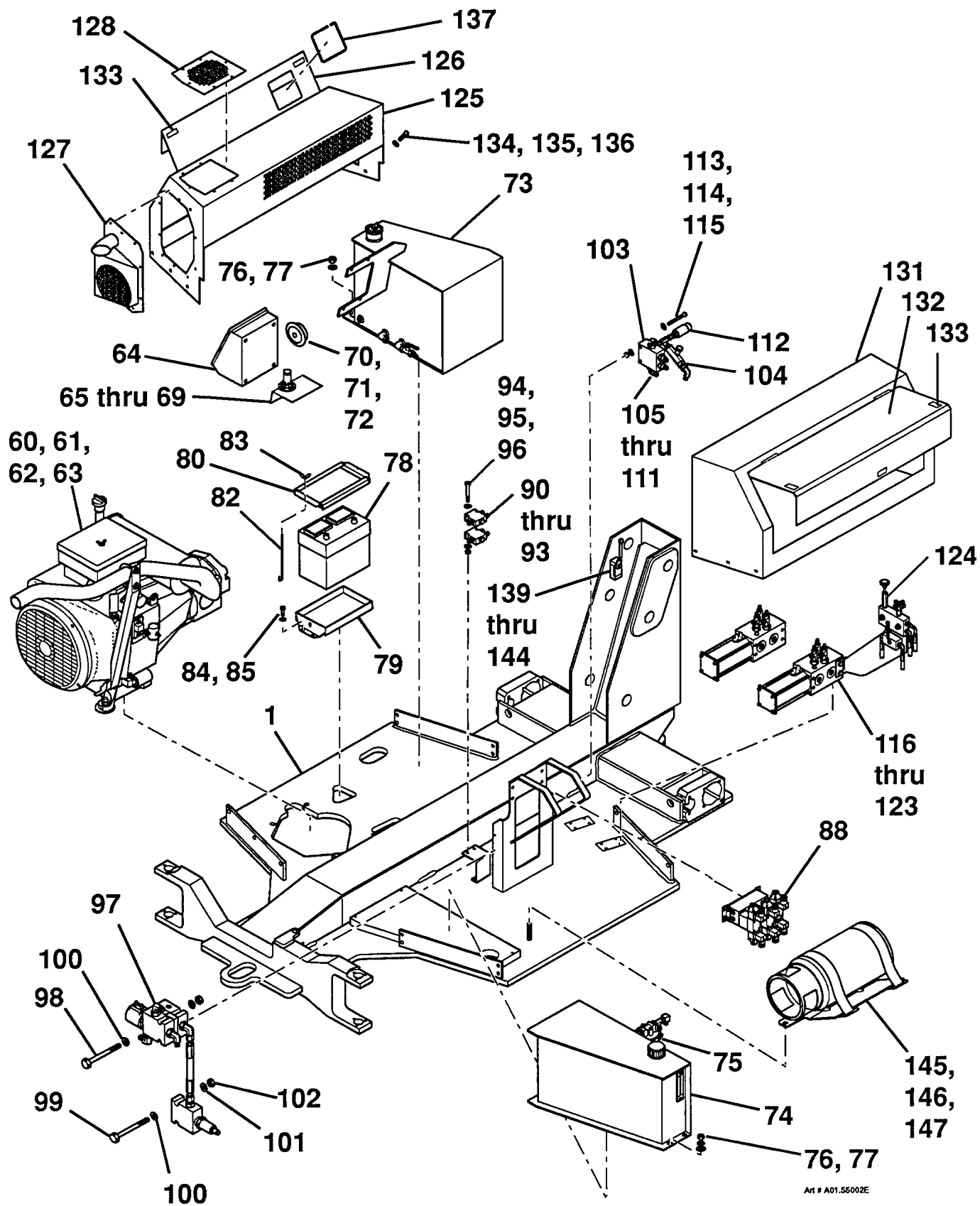
PLATE NO. 01.55 SIMON AERIALS INC. NEW 12 NOV., 1992 PART NO. A-A 3525150

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
125	2192710		COVER, COMPARTMENT [right (engine) side, includes door]	1
126	2192840		DOOR ASSEMBLY (right side)	1
127			COVER (right side, front)	
	2192950		for Onan engine	1
	2192910		for Kubota gas or Diesel engines	1
	2192850		for Hatz Diesel engine	1
128			COVER (right side, top)	
	2193050		for Onan engine	1
	2193060		for Kubota or Hatz engines	1
129	07-003002		CAP SCREW, HEX HEAD (1/4"-20 x 5/8", Grade 5)	14
130	07-065014		WASHER, HELICAL LOCK (1/4")	14
131	2192790		COVER, COMPARTMENT [left (hydraulic) side, incl. door]	1
132	2192830		DOOR (left side)	1
133	10-128900		LATCH, ADJUSTABLE LEVER (without lock)	6
134	07-003043		CAP SCREW, HEX HEAD (3/8"-16 x 3/4", Grade 5)	12
135	07-060016		WASHER, FLAT (3/8" SAE)	12
136	07-065016		WASHER, HELICAL LOCK (3/8")	12
137	10-096800		TRIM, DOOR EDGE (black) (Bulk, order as needed)	A.R.
138	10-061200		CLAMP, LOOP (3/4")	4
139	03-021400		SWITCH, LIMIT (German standards)	1
140	03-026400		ARM, LIMIT SWITCH	1
141			GRIP, CORD	1
142			SCREW (#10)	2
143			NUT (#10)	2
144			WASHER (#10)	2
			The following items are used with LP or Dual Fuel option:	
145	09-001500		TANK, PROPANE [33 Lb (125 L)]	1
146	09-002100		COUPLING, PROPANE TANK	1
147	2186560		BRACKET, PROPANE TANK	1

TITLE UNDERCARRIAGE, FALCON 2570 (PLATE 5 OF 5)

PLATE NO.	01.55	SIMON AERIALS INC.	NEW 12 NOV., 1992	PART NO. A-A 3525150
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TITLE

UNDERCARRIAGE, FALCON 2570 (PLATE 5 OF 5)

SIMON AERIALS INC.

NEW 12 NOV., 1992

PART
NO.

A-A 3525150

PLATE
NO.

01.55

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
A-C	3525030		BOOM ASSEMBLY (Model 2548, except Europe or Japan)	1
A-C	3526220		BOOM ASSEMBLY (Model 2548, European standards)	1
A-C	3525000		BOOM ASSEMBLY (Model 2548, Japanese standards)	1
A-C	3529100		BOOM ASSEMBLY (Model 2570)	1
1	2173880		BOOM WELDMENT, LOWER	1
2	08-067500		BEARING, SLEEVE (2" I.D., 2-1/4" O.D., 2" long)	2
3	2172620		PIN, LOWER BOOM PIVOT (2" x 11-3/8") (at base post)	1
4	08-041100		RING, RETAINING (2")	2
5	2170300		PIN, KEEPER (3/8" x 3-5/8")	1
6	2170310		PLATE, KEEPER (for 2" pin) (at base post)	1
7	08-067400		BEARING, SLEEVE (2-1/2" I.D., 2-7/8" O.D., 2-1/2" long)	2
8	2174320		PIN, BOOM PIVOT (2-1/2" x 13-13/16") (at mid post)	1
9	2183510		SHIM, BOOM PIN	A.R.
10	08-043000		RING, RETAINING (2-1/2")	2
11	2169840		PIN, KEEPER (3/8" x 4-1/8")	1
12	2178330		ARM WELDMENT, LOWER PARALLEL	1
13	08-067500		BEARING, SLEEVE (2" I.D., 2-1/4" O.D., 2" long)	4
14	2172620		PIN, LOWER PARALLEL ARM PIVOT (2" x 11-3/8") (at base post)	1
15	2174310		PIN, LOWER PARALLEL ARM PIVOT (2" x 13-7/8") (at mid post)	1
16	08-041100		RING, RETAINING (2")	2
17	2170300		PIN, KEEPER (3/8" x 3-5/8")	2
18	2170310		PLATE, KEEPER (for 2" pin)	1
19	2178680		MID-POST WELDMENT except for Europe. Without gear guards	1
	2186720		European standard. With gear guards	1
20	2173660		PLATE, KEEPER (for 2-1/2" pin)	2
21	2170310		PLATE, KEEPER (for 2" pin)	2
22	2178110		BOOM WELDMENT, UPPER	1
23	08-067400		BEARING, SLEEVE (2-1/2" I.D., 2-7/8" O.D., 2-1/2" long)	2
24	2174320		PIN, BOOM PIVOT (2-1/2" x 13-13/16") (at mid post)	1
25	2183510		SHIM, BOOM PIN	A.R.
26	08-043000		RING, RETAINING (2-1/2")	2
27	2169840		PIN, KEEPER (3/8" x 4-1/8")	1
28	08-067500		BEARING, SLEEVE (2" I.D., 2-1/4" O.D., 2" long)	1
29	2168530		PIN, UPPER BOOM PIVOT (2" x 9-1/8") (at upper post)	1
30	08-041100		RING, RETAINING (2")	2
31	2170300		PIN, KEEPER (3/8" x 3-5/8")	1

TITLE BOOM ASSEMBLY (GEAR TYPE) , FALCON 2548, 2570 (PLATE 1 OF 2)

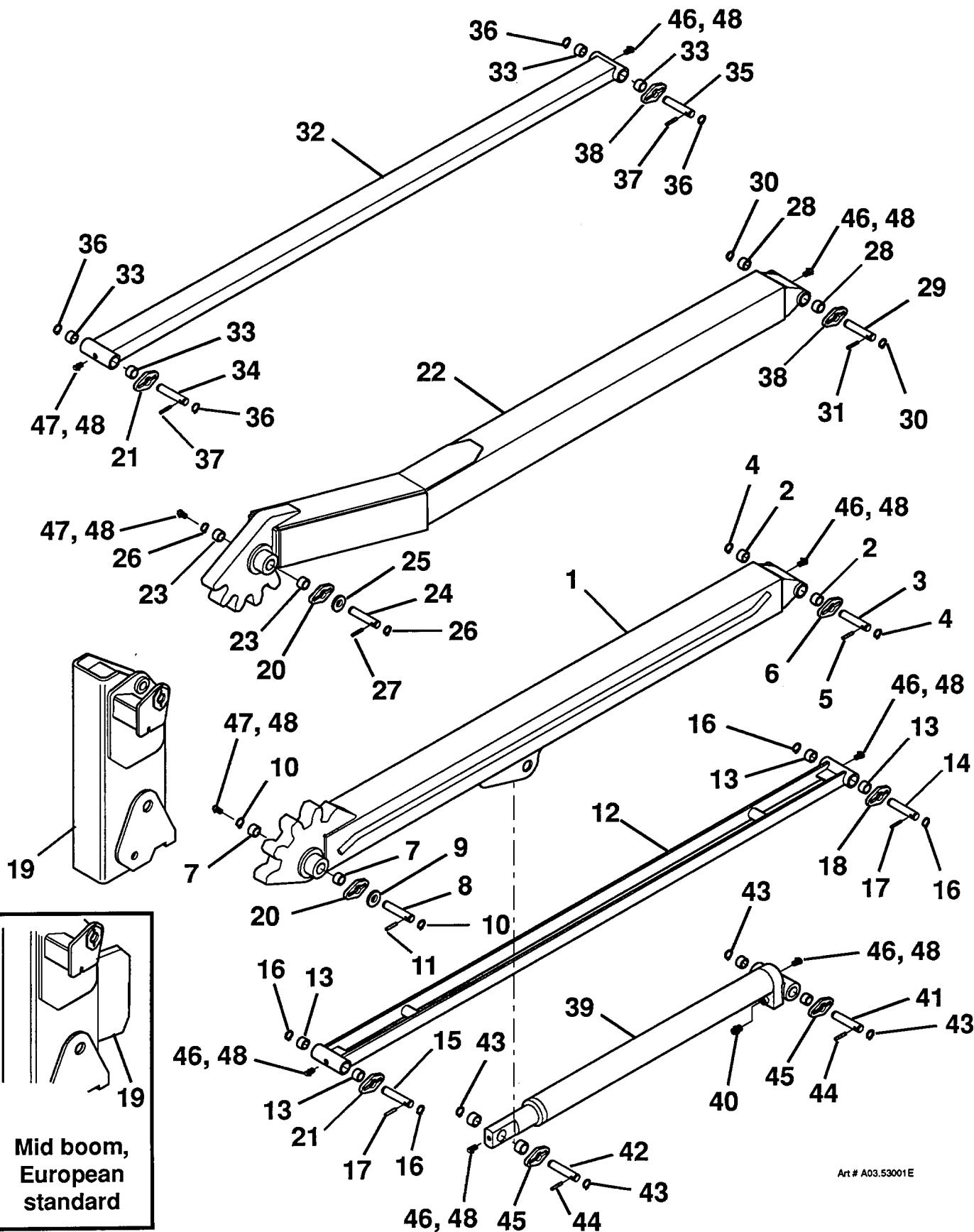
PLATE
NO.

03.53

SIMON AERIALS INC.

REV. 03 MAY, 1993

PART
NO.



TITLE BOOM ASSEMBLY (GEAR TYPE) , FALCON 2548, 2570 (PLATE 1 OF 2)

SIMON AERIALS INC.

REV. 03 MAY, 1993

PART
NO.

PLATE
NO.

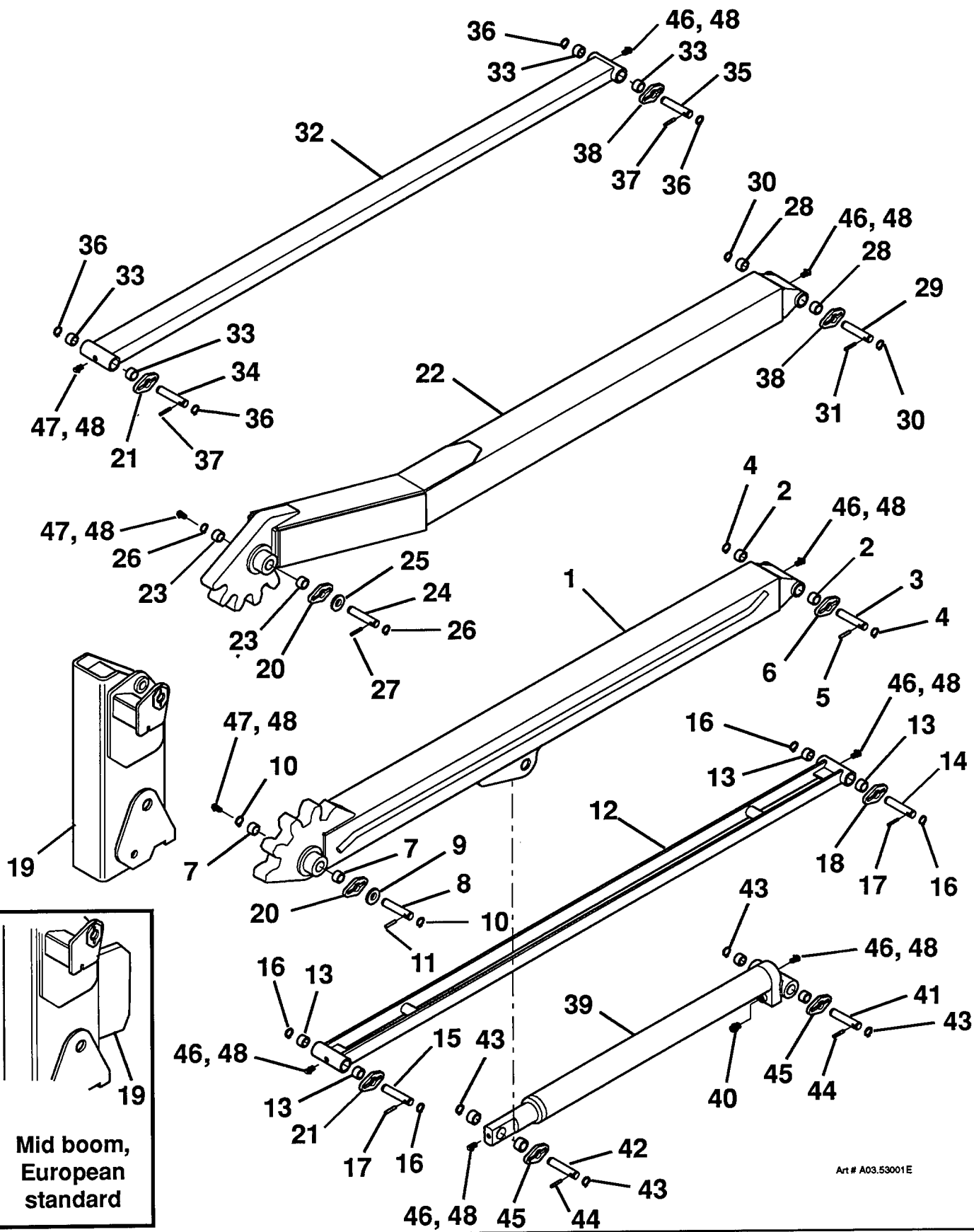
03.53

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
32	2173640		ARM WELDMENT, UPPER PARALLEL	1
33	08-067500		BEARING, SLEEVE (2" I.D., 2-1/4" O.D., 2" long)	4
34	2178750		PIN, UPPER PARALLEL ARM PIVOT (2" x 10-1/2")	1
			(at mid post)	1
35	2168530		PIN, UPPER PARALLEL ARM PIVOT (2" x 9-1/8")	1
			(at upper post)	1
36	08-041100		RING, RETAINING (2")	4
37	2170300		PIN, KEEPER (3/8" x 3-5/8")	2
38	2170310		PLATE, KEEPER (for 2" pin)	2
39	04-033500	11.57	CYLINDER, LIFT (Type 1, for 2548, S/N 4998 and 4999)	1
	04-033500	11.57	CYLINDER, LIFT (Type 2, for 2548, S/N 5001 thru 5005)	1
	04-034100	11.57	CYLINDER, LIFT (Type 3, for 2548, S/N 5006 and up)	1
	04-034500	11.61	CYLINDER, LIFT (Type 4, for 2548, S/N 5006 and up)	1
	04-034500	11.61	CYLINDER, LIFT (for Model 2570)	1
40	01-098300		SWITCH, PRESSURE (350 PSI) (for cylinder 04-034100)	1
	01-213200		SWITCH, PRESSURE (900 PSI) (for cylinder 04-034500)	1
41			PIN, LIFT CYLINDER (Base end)	1
	2178750		(2" x 10-1/2", for cylinder 04-033500 or 04-034100)	1
	2169430		(2" x 10-3/8", for cylinder 04-034500)	1
42	2169440		PIN, LIFT CYLINDER (Rod end) (2" x 5-1/8")	1
43	08-041100		RING, RETAINING (2")	2
44	2170300		PIN, KEEPER (3/8" x 3-5/8")	2
45	2170310		PLATE, KEEPER (for 2" pin)	2
46	08-051300		FITTING, GREASE (1/8", 90°)	6
47	08-050000		FITTING, GREASE (1/8", straight)	3
48	08-066300		CAP, GREASE FITTING (white plastic)	9
			The following items are not shown:	
49	03-485500		CABLE (Black, 21 conductor, 16 Ga.) [53 Ft. (16.15 M)]	A.R.
50	03-085900		CABLE (SJO, 3 conductor, #12 AWG) [86 Ft (26.21 M)]	A.R.
51	03-450400		CONNECTOR, PLUG (23 conductor)	3
52	03-483400		PLUG, CONNECTOR (23 conductor)	1
53	03-451000		SOCKET, TERMINAL	42
54	03-451200		CONNECTOR, PLUG (3 conductor)	3
55	03-064000		TIE, CABLE [7.4" (188 mm)]	A.R.
56	03-064700		TIE, CABLE [14.5" (368 mm)]	A.R.
57	03-066400		TIE, CABLE [20" (508 mm)] (for Model 2570 only)	2
58	07-003002		CAP SCREW, HEX HEAD (1/4"-20 x 5/8", Grade 5)	2
59	07-003003		CAP SCREW, HEX HEAD (1/4"-20 x 3/4", Grade 5)	2
60	10-061200		CLAMP, LOOP [3/4" (19 mm)]	2
61	10-126400		LUBRICANT, OPEN GEAR	A.R.
			(Caulk tube, for use on boom gear teeth)	

TITLE BOOM ASSEMBLY (GEAR TYPE) , FALCON 2548, 2570 (PLATE 2 OF 2)

PLATE NO.	03.53	SIMON AERIALS INC.	REV. 03 MAY, 1993	PART NO.
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TITLE BOOM ASSEMBLY (GEAR TYPE) , FALCON 2548, 2570 (PLATE 2 OF 2)

SIMON AERIALS INC.

REV. 03 MAY, 1993

PART
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NO.

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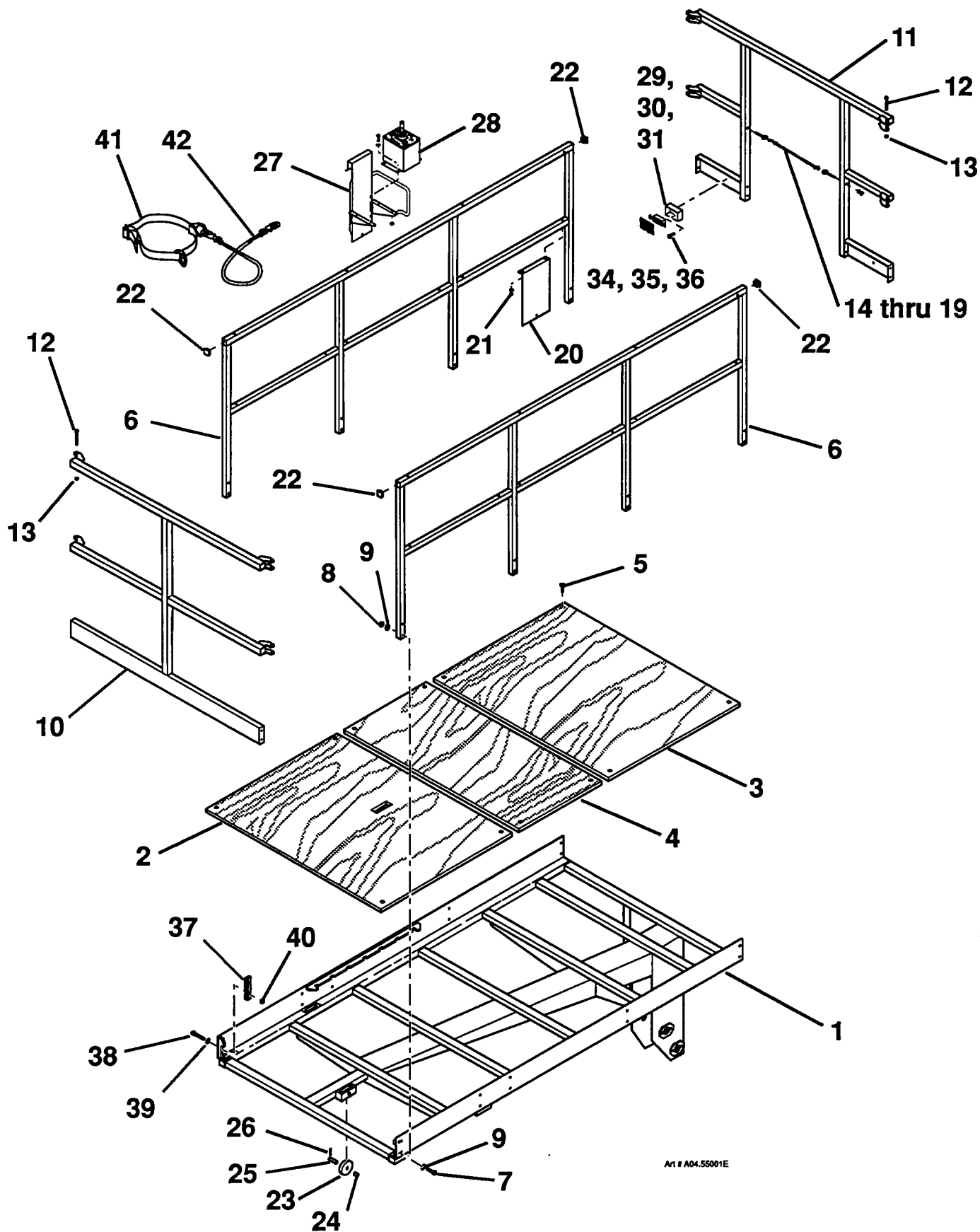
PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	2177510		PLATFORM WELDMENT (for models with rollout deck)	1
1	2198980		PLATFORM WELDMENT (for models without rollout deck)	1
2			PLYWOOD, EXTERIOR GRADE	
			[48" x 60" (1.2 M x 1.5 M) x 5/8" (15.9 mm) thick]	1
	10-115300		with roller slot, for models with rollout deck	
	10-115600		without roller slot, for models without rollout deck	
3	10-115600		PLYWOOD, EXTERIOR GRADE (without roller slot)	
			[48" x 60" (1.2 M x 1.5 M) x 5/8" (15.9 mm) thick]	1
4	10-115400		PLYWOOD, EXTERIOR GRADE	
			[23" x 30" (58.4 cm x 76.2 cm) x 5/8" (15.9 mm) thick]	1
5	07-090141		SCREW, SELF TAPPING (#12-14 x 1-1/2")	26
6	2183120		RAIL WELDMENT, SIDE	2
7	07-003049		SCREW, HEX HEAD (3/8"-16 x 2", Grade 5)	16
8	07-050016		NUT, HEX LOCK (3/8"-16)	16
9	07-062016		WASHER, FLAT (3/8")	16
10	2198360		RAIL WELDMENT, FRONT (for models without rollout deck)	1
11	2183180		RAIL WELDMENT, DOOR END	1
12	07-003009		CAP SCREW, HEX HEAD (1/4"-20 x 2", Grade 5)	A.R.
13	07-050014		NUT, LOCK (1/4"-20, Grade 5)	A.R.
14	11-077900		CHAIN, SAFETY [24" (61 cm) long]	1
15	11-078000		SNAP, CHAIN (open eye)	1
16	11-083400		HOOK	2
17	07-026006		BOLT, EYE (5/16")	2
18	07-062015		WASHER, FLAT (5/16")	4
19	07-050015		NUT, STOP (5/16"-18, Grade 5)	2
20	2196600		PLATE, DECAL MOUNTING	1
21	07-029365		SCREW, HEX WASHER HEAD ((#12 x 1", self drill, w/ seal)	1
22	10-114100		CAP, SQUARE TUBING	4
23	2177260		ROLLER (for models with rollout deck)	7
24	08-067700		BEARING, SLEEVE (Bronze) (for models with rollout deck)	7
25	2177270		SHAFT, ROLLER (for models with rollout deck)	7
26	07-090400		PIN, SPIRAL WRAPPED (for models with rollout deck)	7

TITLE PLATFORM ASSEMBLY, FALCON 2570 (PLATE 1 OF 2)

PLATE NO. 04.55	SIMON AERIALS INC.	PART NO. A-D 3525170
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NEW 27 OCT., 1992



Art # A04.55001E

TITLE PLATFORM ASSEMBLY, FALCON 2570 (PLATE 1 OF 2)

SIMON AERIALS INC.

NEW 27 OCT., 1992

PART NO. A-D 3525170

PLATE NO. 04.55

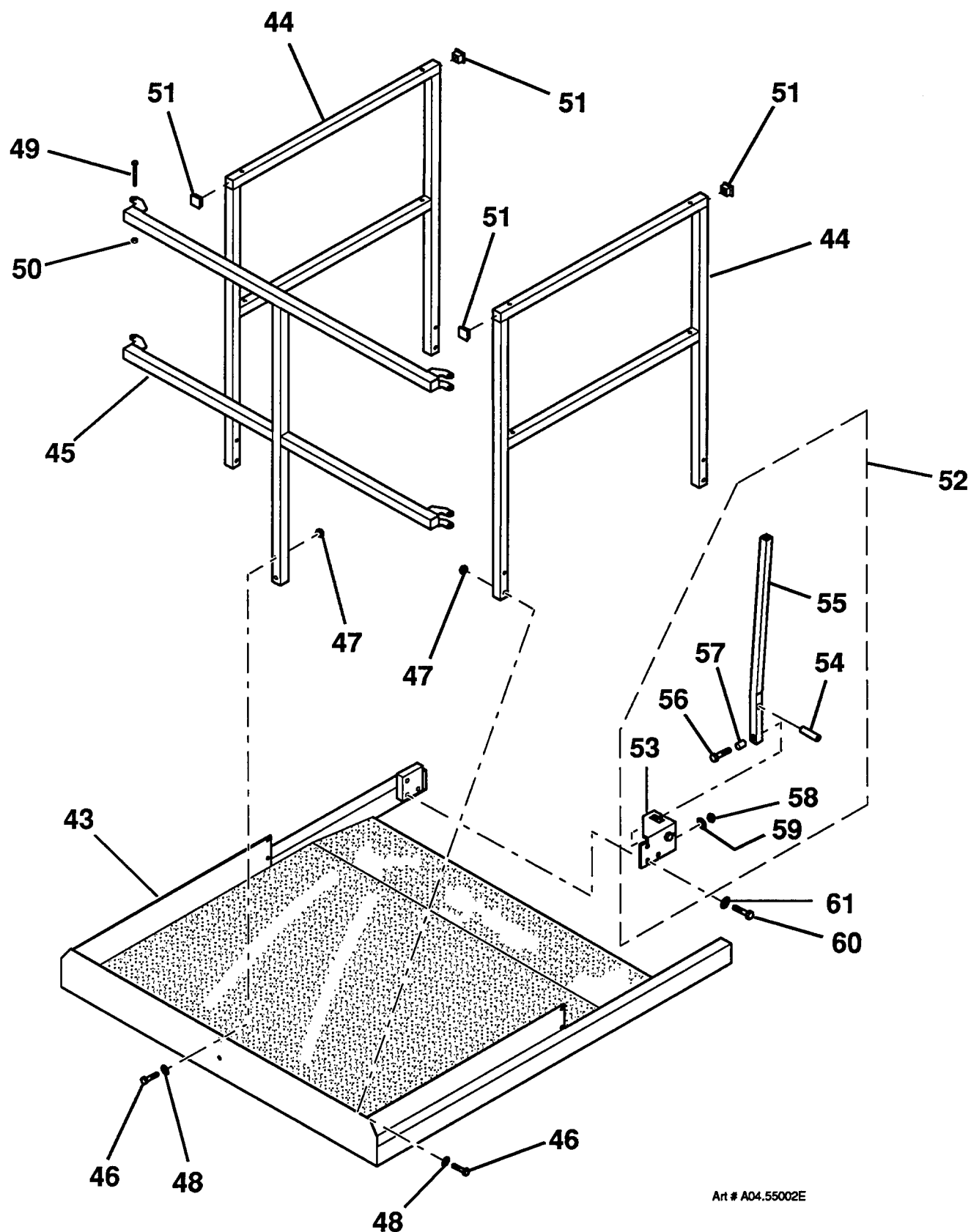
PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
27	2187820	09.56	BRACKET, PLATFORM CONTROL BOX	1
28	See plate . .		CONSOLE, PLATFORM CONTROL	1
29	03-062100		BOX, DUPLEX OUTLET	1
30	03-067000		OUTLET, DUPLEX (110 Volt AC)	1
31	03-062200		COVER, DUPLEX OUTLET	1
32	03-045500		GRIP, CORD (1/2")	2
33	03-063200		GRIP, CORD (3/4", sealing)	1
34	07-003003		CAP SCREW, HEX HEAD (1/4"-20 x 3/4", Grade 5)	1
35	07-062014		WASHER, FLAT (1/4")	1
36	07-050014		NUT, LOCK (1/4"-20, Grade 5)	17
37	2177300		PAD, SLIDE (side) (for models with rollout deck)	4
38	07-003045		CAP SCREW, HEX HEAD (3/8"-16 x 1", Grade 5)	8
39	07-065016		WASHER, HELICAL LOCK (3/8")	8
40	07-050016		NUT, LOCK (3/8", Grade 5)	8
41	10-034000		BELT, SAFETY	1
42	10-033900		LANYARD, SAFETY BELT	1
43	2177230		DECK WELDMENT, ROLL OUT	1
44	2183140		RAIL WELDMENT, SIDE	2
45	2183190		RAIL WELDMENT, END	2
46	07-003049		SCREW, HEX HEAD (3/8"-16 x 2", Grade 5)	10
47	07-050016		NUT, HEX LOCK (3/8"-16)	10
48	07-062016		WASHER, FLAT (3/8")	10
49	07-003009		CAP SCREW, HEX HEAD (1/4"-20 x 2", Grade 5)	4
50	07-050014		NUT, LOCK (1/4"-20, Grade 5)	4
51	10-114100		CAP, SQUARE TUBING	4
52	2177690		LATCH ASSEMBLY, ROLL OUT DECK	1
53	2183020		BRACKET, LATCH	1
54	08-010100		SPRING	1
55	2183040		HANDLE, LATCH	1
56	07-003049		CAP SCREW, HEX HEAD (3/8"-16 x 2", Grade 5)	1
57	2183030		TUBE, LATCH SPACER	1
58	07-050016		NUT, LOCK (3/8"-16, Grade 5)	1
59	07-062016		WASHER, FLAT (3/8")	1
60	07-003045		CAP SCREW, HEX HEAD (3/8"-16 x 1", Grade 5)	3
61	07-065016		WASHER, HELICAL LOCK (3/8")	3

TITLE PLATFORM ASSEMBLY, FALCON 2570 (PLATE 2 OF 2)

PLATE NO. 04.55	SIMON AERIALS INC.	PART NO. A-D 3525170
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NEW 27 OCT., 1992



Art # A04.55002E

TITLE PLATFORM ASSEMBLY, FALCON 2570 (PLATE 2 OF 2)

SIMON AERIALS INC.

NEW 27 OCT., 1992

PART NO. A-D 3525170

PLATE NO. 04.55

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	2189130		BOX, GROUND CONTROL (Drilled, including cover)	1
2	10-124300		DECAL, GROUND CONTROL	1
3	03-030500		METER, HOUR (50 Volt DC)	1
4	03-030400		AMMETER (50 Amp)	1
5	01-225700		"O"-RING (Gauge seal to panel)	2
6	03-024000		BREAKER, CIRCUIT (20 Amp, 12 Volt DC)	1
7	03-486500		SWITCH, KEY OPERATED (3 position) (includes 2 keys)	1
8	03-465000		SWITCH, TOGGLE (Engine start) (2 position, single pole)	1
9	03-032600		SWITCH, TOGGLE (2TL1-50) (Throttle) (3 position, 2 pole)	1
10	03-020500		SWITCH, TOGGLE (1TL1-7) (Lift) (3 position, momentary contact, single pole, double throw)	1
11	03-497900		SEAL, PANEL	A.R.
12	03-409800		BUTTON, EMERGENCY STOP	1
13	03-483300		SWITCH, TOGGLE (Fuel selector, for dual fuel engine) (2 position, maintained contact, 4 pole, double throw)	1
14	03-454900		BASE, SWITCH MOUNTING	2
15	03-437300		BLOCK, CONTACT (normally closed)	1
16	03-437200		BLOCK, CONTACT (normally open)	1
			without dual fuel option	4
			with dual fuel option	6
17	03-403800		DIODE (10 Ohm)	1
18	03-037500		SOCKET, RELAY	3
19	03-050100		RELAY, PLUG IN (12 Volt DC, double pole)	2
20	03-052800		RELAY, DELAY (.1 to 102.3 sec., 12 Volt DC)	1
21	03-051600		SOCKET, RELAY (Snap mount)	2
22	03-051500		RELAY, PLUG IN (12 Volt DC, single pole)	2
23	03-051700		RAIL, TERMINAL [1 M (39.4") long section]	1
24	07-011335		MACHINE SCREW, PAN HEAD (#6-32 x 1/2")	2
25	07-050007		NUT, HEX LOCK (#6-32, Grade 5)	2
26	07-062009		WASHER, FLAT (#8)	2
27	03-450400		PLUG, CONNECTOR (23 conductor)	3
28	03-450100		RECEPTACLE (23 conductor)	3
29	03-450300		WASHER, LOCK	3
30	03-450200		NUT, PANEL	3
31	03-450900		PIN, TERMINAL	41
32	03-064800		GROMMET (Plastic)	2
33	03-051300		SOLENOID (12 Volt, single pole, single throw) (Starter)	1

TITLE GROUND CONTROL PANEL, FALCON 2570

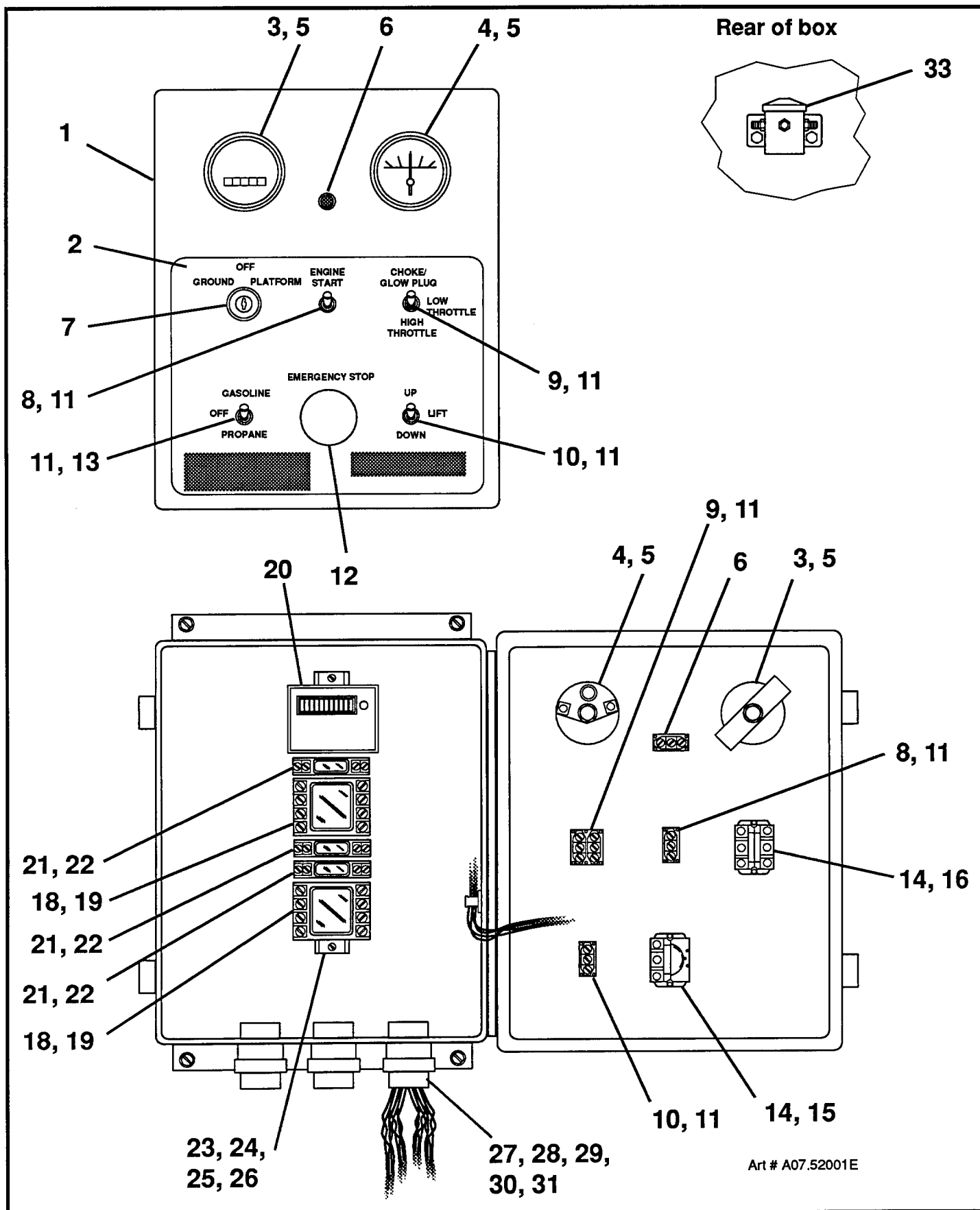
PLATE NO.

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SIMON AERIALS INC.

REV. 03 MAY, 1993

PART NO.



TITLE

GROUND CONTROL PANEL, FALCON 2570

SIMON AERIALS INC.

REV. 03 MAY, 1993

PART
NO.

PLATE
NO.

07.52

PARTS LIST

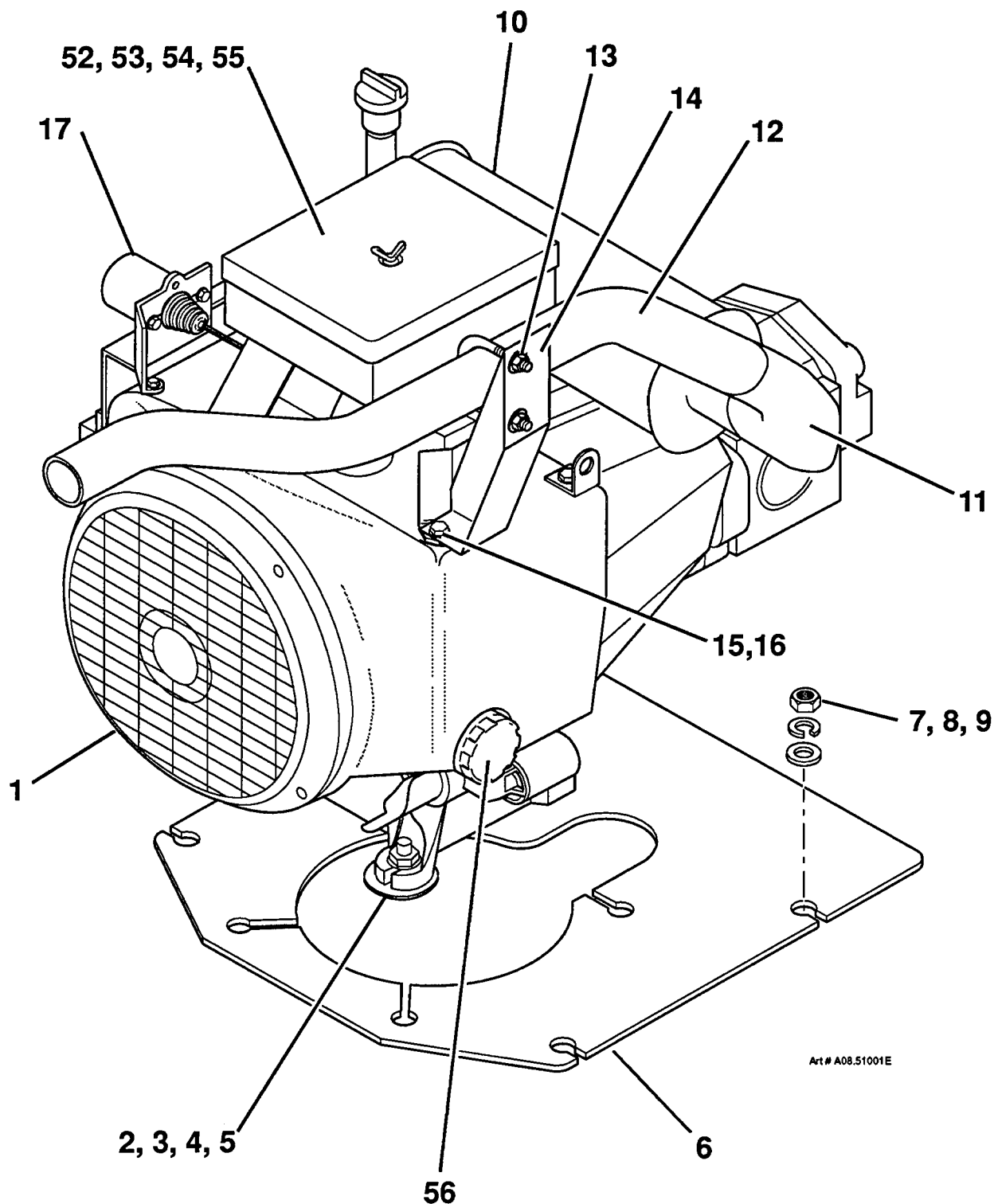
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
	3531150 3528610		ENGINE ASSEMBLY (Onan P224 Gas) ENGINE ASSEMBLY (Onan P224 Dual Fuel)	
1	09-044700		ENGINE (Onan P224) (Includes oil shutdown. Discard muffler that comes with engine. See below.)	1
2	09-001800		MOUNT, ENGINE	4
3			SCREW (Mount to engine)	4
4			WASHER, FLAT (Mount to engine)	8
5			NUT, LOCK (Mount to engine)	4
6	2193130		PLATE, MOTOR MOUNT	1
7			NUT (Plate to undercarriage deck)	4
8			WASHER, HELICAL LOCK (Plate to undercarriage deck)	4
9			WASHER, FLAT (Plate to undercarriage deck)	4
10	09-053000		MUFFLER (Replaces muffler that comes with engine)	1
11	2196970		ELBOW, EXHAUST	1
12	2196980		PIPE, EXHAUST	1
13	09-004500		CLAMP, MUFFLER ("U" bolt, 1-7/8")	3
14	2196990		BRACKET, EXHAUST PIPE	1
15			BOLT (Bracket to engine)	2
16			WASHER (Bracket to engine)	2
17	03-456800		SOLENOID, THROTTLE (includes relay module)	1
18	03-456803		MODULE, RELAY	1
19	07-011345		MACHINE SCREW, PAN HEAD (#8-32 x 1", Grade 2)	2
20	07-062009		WASHER, FLAT (#8)	2
21	07-065009		WASHER, HELICAL LOCK (#8)	2
22	07-003002		CAP SCREW, HEX HEAD (1/4"-20 x 5/8", Grade 5)	2
23	07-060014		WASHER, FLAT (1/4" SAE)	2
24	07-065014		WASHER, HELICAL LOCK (1/4")	2
25	07-040014		NUT, HEX (1/4"-20, Grade 5)	2
26	2142770		BRACKET, THROTTLE	1
27	07-003013		CAP SCREW, HEX HEAD (1/4"-20 x 3", Grade 5)	1
28	07-060014		WASHER, FLAT (1/4" SAE)	1
29	07-047114		NUT, HEX JAM (1/4"-28, Grade 5)	2
30	2141670		BRACKET, THROTTLE SOLENOID	1
31			BOLT (Bracket to engine)	2
32			WASHER (Bracket to engine)	2
33	03-051300		RELAY, STARTER (12 Volt, Single pole, single throw)	1
34	07-003001		CAP SCREW, HEX HEAD (1/4"-20 x 1/2", Grade 5)	2
35	07-060014		WASHER, FLAT (1/4" SAE)	2
36	07-050014		NUT, LOCK (1/4"-20, Grade 5)	2

TITLE ENGINE, ONAN GAS/ DUAL FUEL (FALCON 2570) (PLATE 1 OF 2)

PLATE NO. 08.51 **SIMON AERIALS INC.**

NEW 07 DEC., 1992

PART NO.



Art # A08.51001E

TITLE ENGINE, ONAN GAS/ DUAL FUEL (FALCON 2570) (PLATE 1 OF 2)

SIMON AERIALS INC.

NEW 07 DEC., 1992

PART
NO.

PLATE
NO.

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PARTS LIST

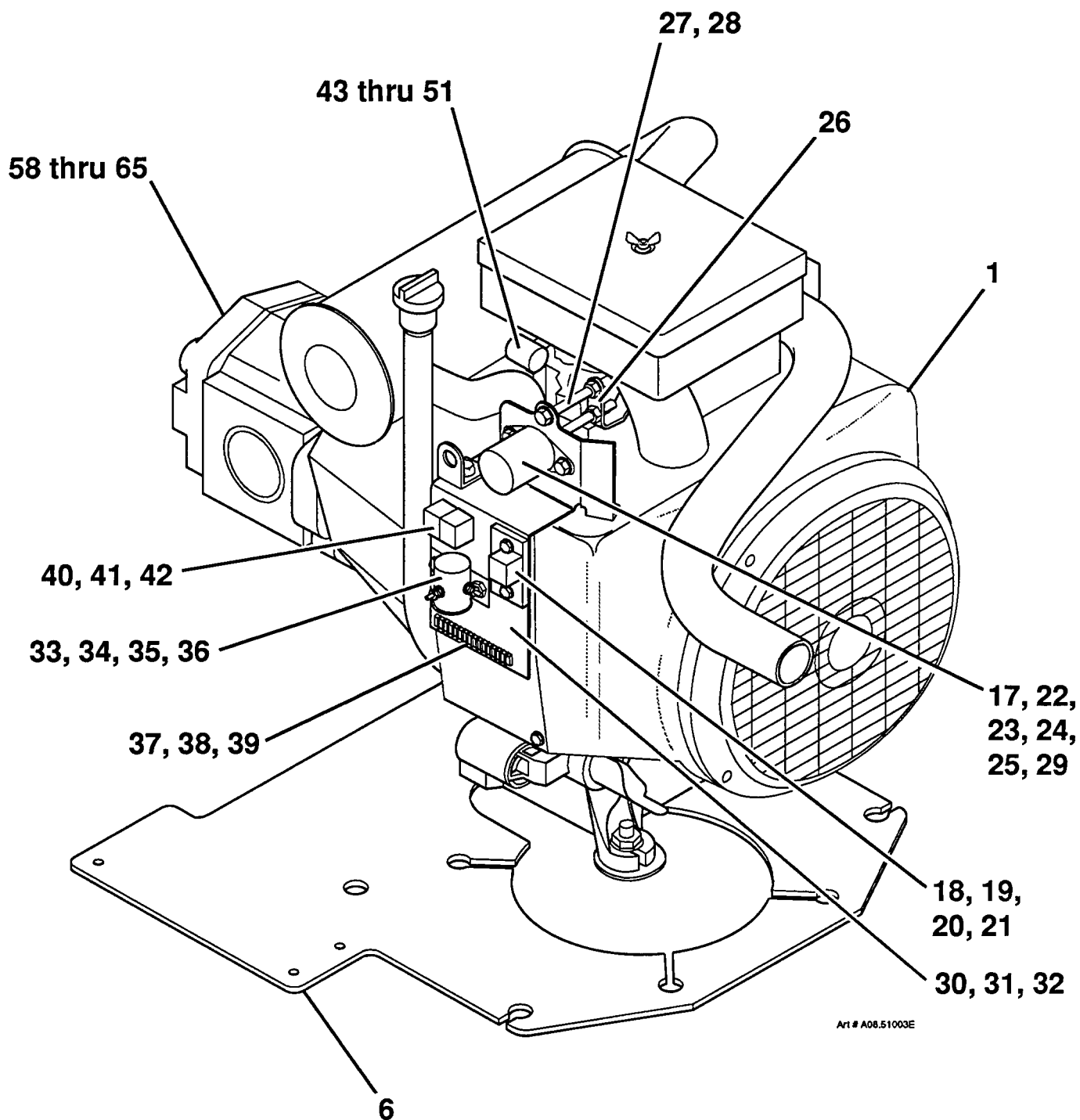
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
37	03-068000		BLOCK, TERMINAL (10 station)	1
38	07-011334		MACHINE SCREW, ROUND HEAD (#6-32 x 3/4")	2
39	07-050007		NUT, STOP (#6-32, Grade 5)	2
40	03-467500		RELAY, CHOKE (12 Volt, Single pole, single throw, normally open, sealed)	1
41	07-003001		CAP SCREW, HEX HEAD (1/4"-20 x 1/2", Grade 5)	1
42	07-065014		WASHER, HELICAL LOCK (1/4")	1
43	09-042000		CHOKE ASSEMBLY, ELECTRIC	1
44	03-414400		SOLENOID (12 Volt DC, 60 Ohm, 24 Watt)	1
45	2109010		BRACKET, ELECTRIC CHOKE	1
46			PIN, ROLL	1
47			LEVER ASSEMBLY	1
48			LINK	1
49			SPRING, EXTENSION	1
50			SCREW	2
51	07-029365		SCREW, TEK (#12-14 x 1", bonded sealing head)	1
52	2131450		SPACER, AIR CLEANER (with gas engine)	1
53	09-031004		FILTER, AIR	1
54	09-031003		WRAPPER, AIR FILTER	1
55	09-017100		VALVE, FUEL SHUT OFF (10 Watt)	1
56			FILTER, OIL	1
57	09-047400		CONVERSION KIT, ONAN P224 DUAL FUEL	1
58	01-212400	12.52	PUMP ASSEMBLY, HYDRAULIC TANDEM	1
59	07-003046		CAP SCREW, HEX HEAD (3/8"-16 x 1-1/4", Grade 5)	2
60	07-065016		WASHER, HELICAL LOCK (3/8")	2
61	07-060016		WASHER, FLAT (3/8" SAE)	2
62	02-035100		ADAPTER, PUMP MOUNTING	1
63	07-003047		CAP SCREW, HEX HEAD (3/8"-16 x 1-1/2", Grade 5)	4
64	07-065016		WASHER, HELICAL LOCK (3/8")	4
65	02-035500		COUPLING, PUMP	1

TITLE ENGINE, ONAN GAS/ DUAL FUEL (FALCON 2570) (PLATE 2 OF 2)

PLATE NO. 08.51 **SIMON AERIALS INC.**

NEW 07 DEC., 1992

PART NO.



TITLE ENGINE, ONAN GAS/ DUAL FUEL (FALCON 2570) (PLATE 2 OF 2)

SIMON AERIALS INC.

NEW 07 DEC., 1992

PART
NO.

PLATE
NO.

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PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
	No part # 3529180		ENGINE ASSEMBLY, KUBOTA WG750 (Gas) ENGINE ASSEMBLY, KUBOTA WG750 (Dual fuel)	1 1
1	No part # 09-052500		ENGINE, KUBOTA WG750 (Water cooled, gas) ENGINE, KUBOTA WG750 (Water cooled, dual fuel)	1 1
2	2165280		MOUNT, MOTOR (front)	2
3	2142610		MOUNT, MOTOR (rear)	2
4	07-003087		CAP SCREW, HEX HEAD (1/2"-13 x 1-1/2", Grade 5)	4
5	07-003586		CAP SCREW, HEX HEAD (1/2"-20 x 1-1/4", Grade 5)	4
6	07-060018		WASHER, FLAT (1/2" SAE)	4
7	07-065018		WASHER, HELICAL LOCK (1/2")	8
8	03-068000		BLOCK, TERMINAL (10 connector)	1
9	07-011345		MACHINE SCREW, PAN HEAD (#8-32 x 1", Grade 2)	2
10	07-065009		WASHER, HELICAL LOCK (#8)	2
11	03-051300		RELAY, STARTER (Single pole, single throw)	1
12	07-003004		CAP SCREW, HEX HEAD (1/4"-20 x 7/8", Grade 5)	2
13	07-062014		WASHER, FLAT (1/4")	2
14	07-060014		WASHER, FLAT (1/4" SAE)	2
15	07-050014		NUT, HEX (1/4"-20, Grade 2)	2
16	2193120		PLATE, MOTOR MOUNT	1
17			NUT (Plate to undercarriage deck)	4
18			WASHER, HELICAL LOCK (Plate to undercarriage deck)	4
19			WASHER, FLAT (Plate to undercarriage deck)	4
20	09-001800		MOUNT, ENGINE	4
21	07-003046		CAP SCREW, HEX HEAD (5/16"-18 x 1-1/4", Grade 5)	8
22	07-050015		NUT, LOCK (5/16"-18, Grade 5)	8
23	07-062015		WASHER, FLAT (5/16")	8
24			BOLT (Engine mount to bracket)	4
25			WASHER (Engine mount to bracket)	4
26			NUT (Engine mount to bracket)	4

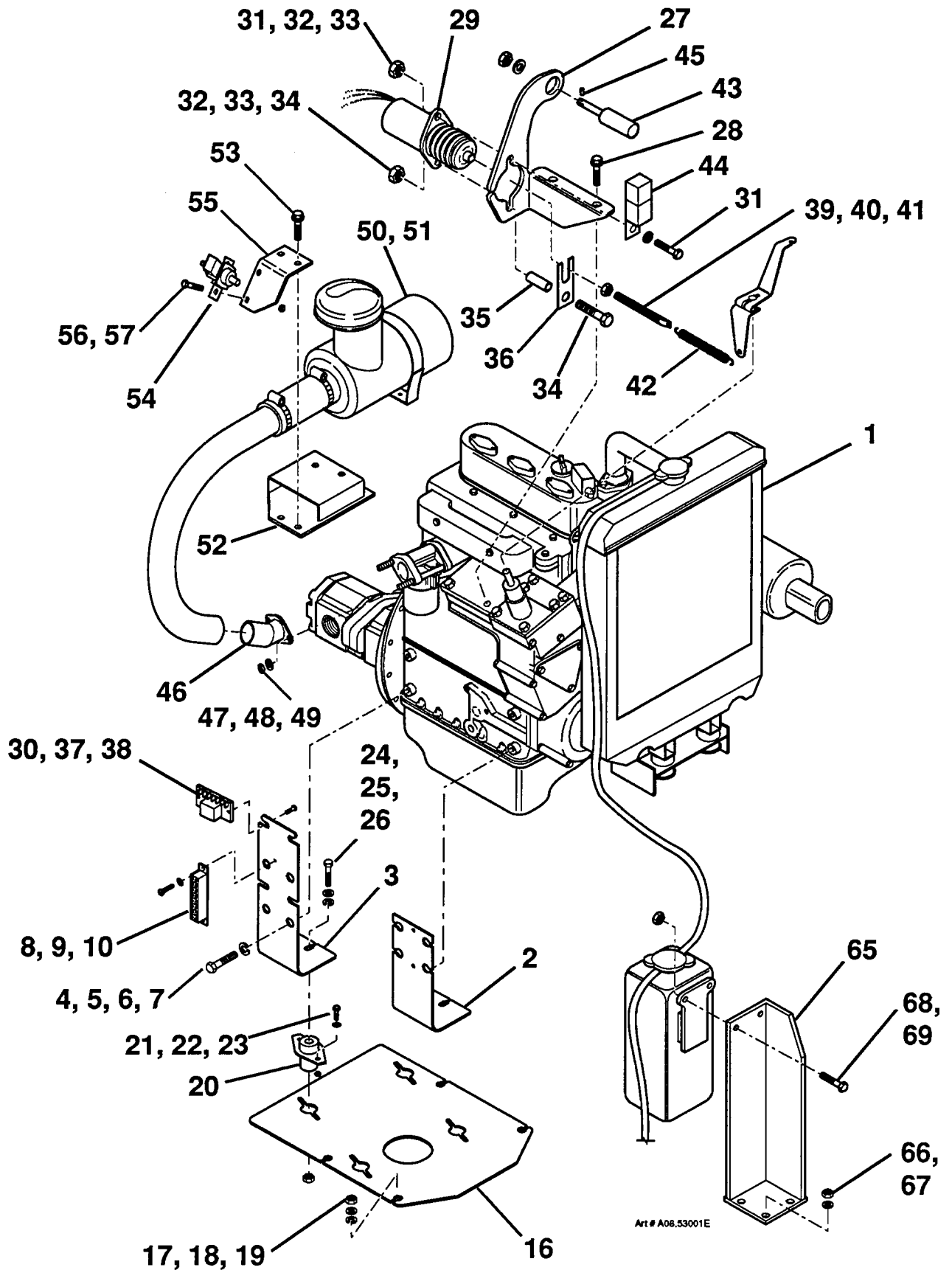
TITLE ENGINE ASSEMBLY, KUBOTA WG 750 (FALCON 2570) (PLATE 1 OF 3)

PLATE NO.	08.53
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SIMON AERIALS INC.

NEW 07 DEC., 1992

PART NO. 3529180



Art # A08.53001E

TITLE ENGINE ASSEMBLY, KUBOTA WG 750 (FALCON 2570) (PLATE 1 OF 3)

SIMON AERIALS INC.

NEW 07 DEC., 1992

PART NO. 3529180

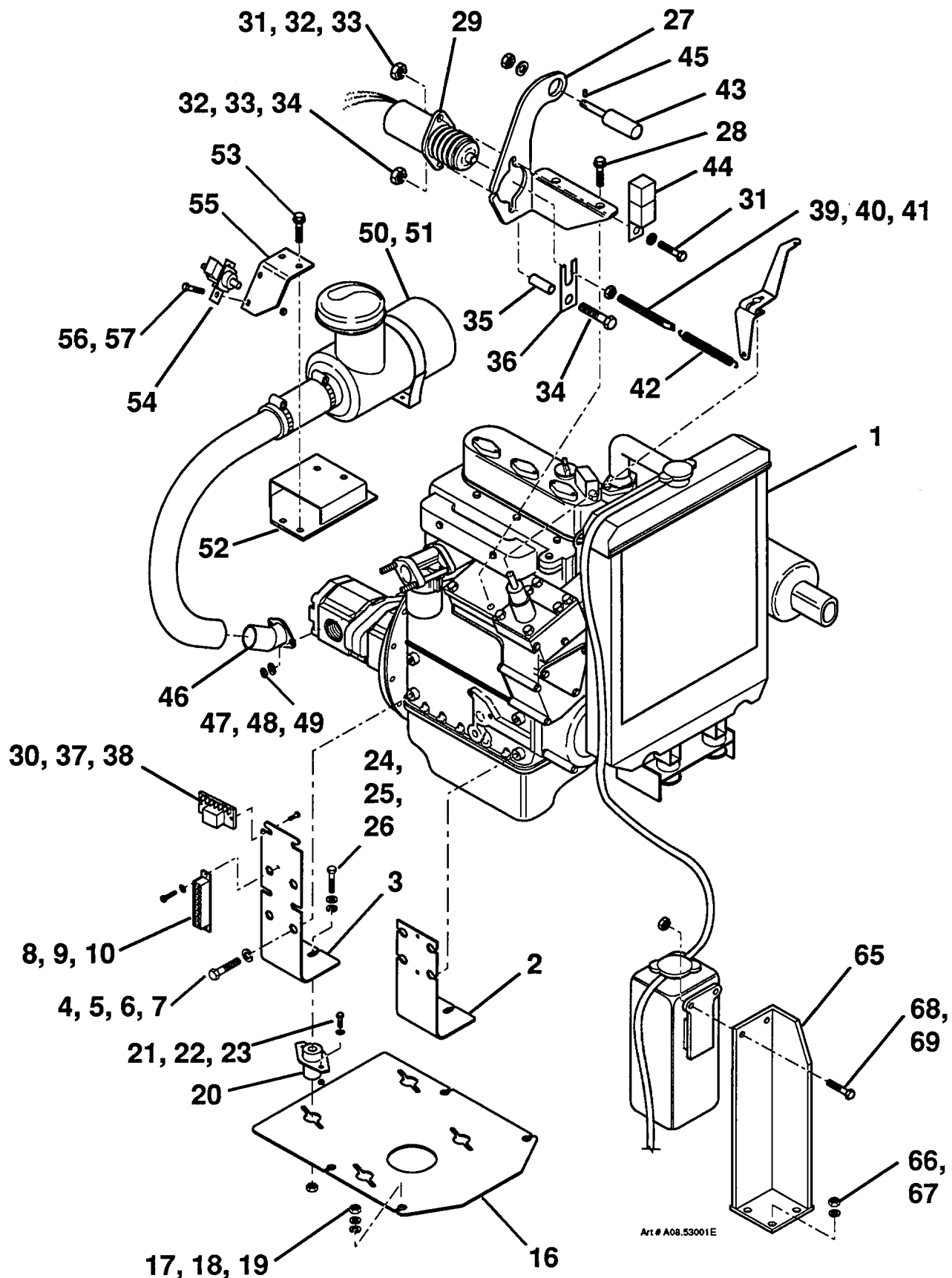
PLATE NO. 08.53

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
27	2165270		BRACKET, SOLENOID	1
28			BOLT (Bracket to engine block)	2
29	03-456800		SOLENOID, THROTTLE (includes module)	1
30	03-456803		MODULE, SOLENOID	1
31	07-003004		CAP SCREW, HEX HEAD (1/4"-20 x 7/8", Grade 5)	1
32	07-062014		WASHER, FLAT (1/4")	2
33	07-050014		NUT, HEX STOP (1/4"-20, Grade 2)	2
34	07-003009		CAP SCREW, HEX HEAD (1/4"-20 x 2", Grade 5)	1
35			SPACER	1
36	2196350		BRACKET, THROTTLE	1
37	07-008046		CAP SCREW, SOCKET HEAD (3/8"-16 x 1-1/4", Grade 8)	2
38	07-065016		WASHER, HELICAL LOCK (3/8")	2
39	2193980		ROD, THREADED (1/4"-28, Grade 5)	1
40	07-040114		NUT, HEX (1/4"-28, Grade 5)	1
41	07-040014		NUT, LOCK (1/4"-28, Grade 5)	1
42	10-114200		SPRING, EXTENSION	1
43	03-452100		CHOKE CYLINDER (Solenoid operated, 12 Volt DC)	1
44	03-467500		RELAY, CHOKE (includes plug)	1
			(Single pole, single throw, 12 Volt, normally open, sealed)	1
45	07-075414		PIN, ROLL (1/8" x 1")	1
46	2193360		FLANGE, AIR INTAKE	1
47			NUT (Flange to engine)	2
48			STUD, THREADED (Flange to engine)	2
49			WASHER, FLAT (Flange to engine)	2
50	09-052502		AIR CLEANER ASSEMBLY	1
51	09-052503		ELEMENT, AIR CLEANER	1
52	2193570		BRACKET, AIR CLEANER	1
53			BOLT (Bracket to engine block)	4
54			PUMP, FUEL (Electric) (supplied by engine manufacturer)	1
55	2193300		BRACKET, ELECTRIC FUEL PUMP	1
56			BOLT (Fuel pump to bracket)	2
57			NUT (Fuel pump to bracket)	2

TITLE ENGINE ASSEMBLY, KUBOTA WG 750 (FALCON 2570) (PLATE 2 OF 3)

PLATE NO.	08.53	SIMON AERIALS INC.	NEW 07 DEC., 1992	PART NO.	3529180
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TITLE ENGINE ASSEMBLY, KUBOTA WG 750 (FALCON 2570) (PLATE 2 OF 3)

SIMON AERIALS INC.

NEW 07 DEC., 1992

PART
NO.

3529180

PLATE
NO.

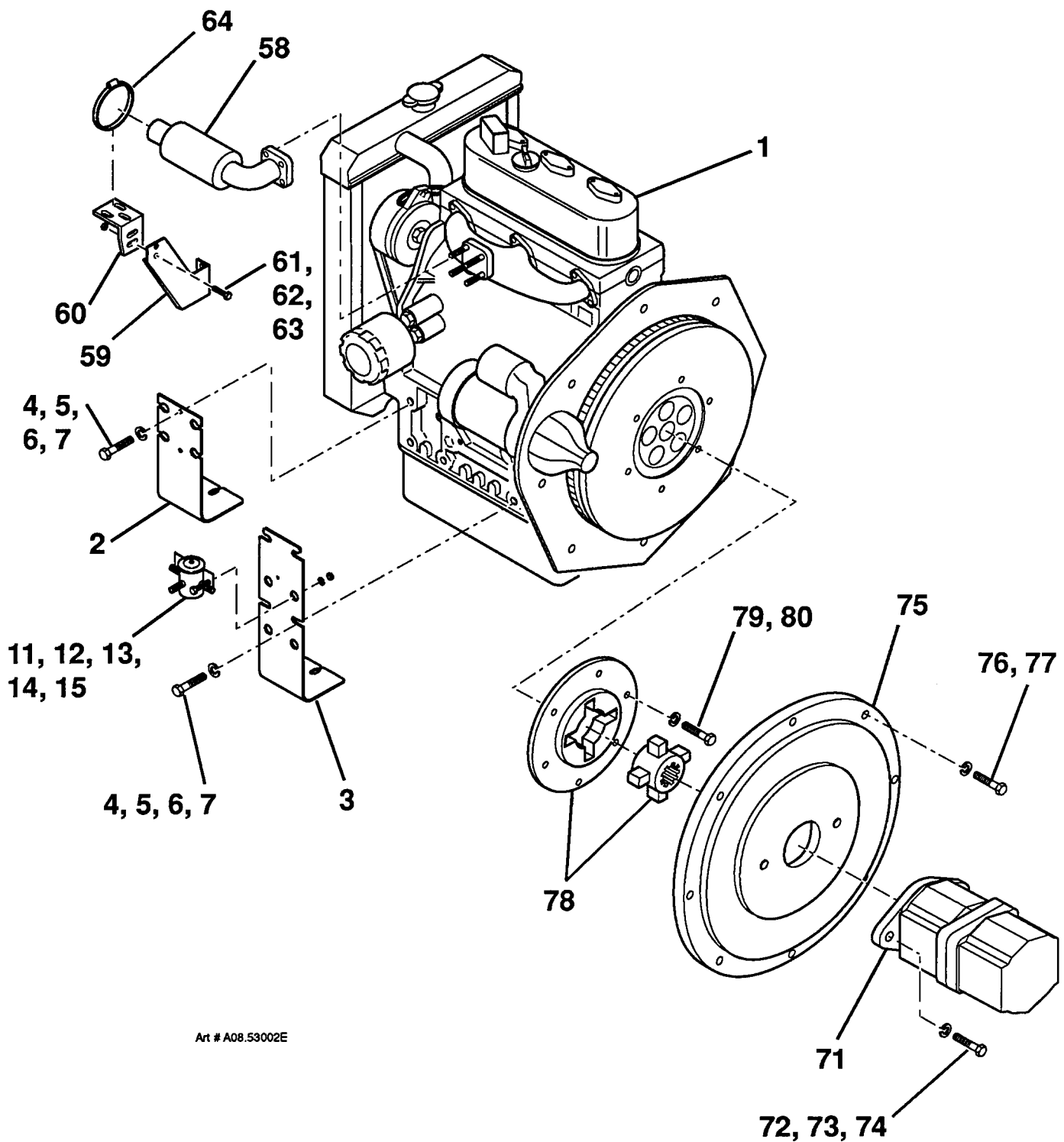
08.53

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
58	09-052501		MUFFLER	1
59	2193390		BRACE, MUFFLER	1
60	2193400		BRACKET, MUFFLER MOUNTING	1
61			BOLT (Bracket to brace)	2
62			WASHER (Bracket to brace)	2
63			NUT (Bracket to brace)	2
64	09-020000		CLAMP, HOSE (5" maximum)	1
65	2193330		BRACKET, RADIATOR OVERFLOW BOTTLE	1
66			NUT (Bracket to undercarriage deck)	3
67			WASHER (Bracket to undercarriage deck)	3
68			BOLT (Bottle to bracket)	2
69			NUT (Bottle to bracket)	2
70	2117320	12.52	BRACKET, PROPANE FILTER MOUNTING (not shown)	1
71	01-212400		PUMP, TANDEM	1
72	07-008045		CAP SCREW, SOCKET HEAD (3/8"-16 x 1", Grade 8)	2
73	07-060016		WASHER, FLAT (3/8" SAE)	2
74	07-065016		WASHER, HELICAL LOCK (3/8")	2
75	02-035700		PLATE, PUMP MOUNTING (Type 5A, 2 bolt)	1
76	07-003046		CAP SCREW, HEX HEAD (3/8"-16 x 1-1/4", Grade 5)	8
77	07-065016		WASHER, HELICAL LOCK (3/8")	8
78	02-035800		COUPLING, PUMP (CK 100 with 6.5" adapter plate)	1
79	07-003025		CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	6
80	07-065015		WASHER, HELICAL LOCK (5/16")	6
81	09-004600		CLAMP, WORM (1/4" - 5/8") (for fuel line)	3
82	03-064000		TIE, CABLE [7.4" (188 mm) long]]	6
83	03-439000		TIE, CABLE [3.6" (92 mm) long]]	10
84	03-064100		MOUNT, CABLE TIE	2

TITLE ENGINE ASSEMBLY, KUBOTA WG 750 (FALCON 2570) (PLATE 3 OF 3)

PLATE NO.	08.53	SIMON AERIALS INC.	NEW 07 DEC., 1992	PART NO.	3529180
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Art # A08.53002E

TITLE ENGINE ASSEMBLY, KUBOTA WG 750 (FALCON 2570) (PLATE 3 OF 3)

SIMON AERIALS INC.

NEW 07 DEC., 1992

PART
NO.

3529180

PLATE
NO.

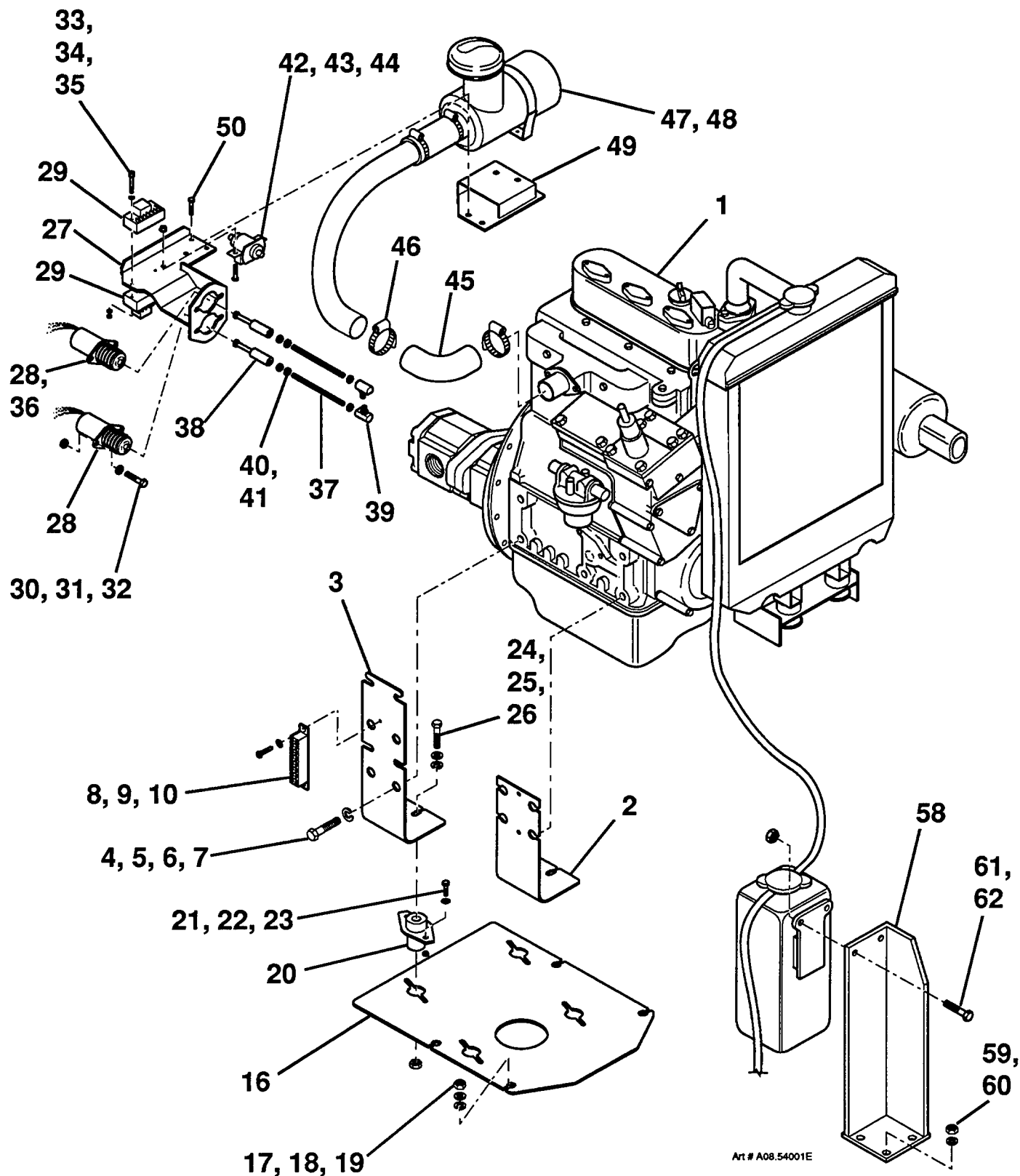
08.53

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	09-054200		ENGINE, KUBOTA D 722 (3 Cylinder Diesel)	
2	2165280		MOUNT, MOTOR (front)	2
3	2142610		MOUNT, MOTOR (rear)	2
4	07-003087		CAP SCREW, HEX HEAD (1/2"-13 x 1-1/2", Grade 5)	4
5	07-004586		CAP SCREW, HEX HEAD (1/2"-20 x 1-1/4", Grade 8)	4
6	07-062018		WASHER, FLAT (1/2")	4
7	07-065018		WASHER, HELICAL LOCK (1/2")	8
8	03-068000		BLOCK, TERMINAL (10 connector)	1
9	07-011345		MACHINE SCREW, PAN HEAD (#8-32 x 1", Grade 2)	2
10	07-065009		WASHER, HELICAL LOCK (#8)	2
11	03-051300		RELAY (Single pole, single throw) (for starter and glow plugs)	2
12	07-003004		CAP SCREW, HEX HEAD (1/4"-20 x 7/8", Grade 5)	4
13	07-062014		WASHER, FLAT (1/4")	4
14	07-060014		WASHER, FLAT (1/4" SAE)	4
15	07-050014		NUT, HEX STOP (1/4"-20, Grade 2)	4
16	2193120		PLATE, MOTOR MOUNT	1
17			NUT (Plate to undercarriage deck)	4
18			WASHER, HELICAL LOCK (Plate to undercarriage deck)	4
19			WASHER, FLAT (Plate to undercarriage deck)	4
20	09-001800		MOUNT, ENGINE	4
21	07-003025		CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	8
22	07-050015		NUT, LOCK (5/16"-18, Grade 5)	8
23	07-062015		WASHER, FLAT (5/16")	8
24			BOLT (Engine mount to bracket)	4
25			WASHER (Engine mount to bracket)	4
26			NUT (Engine mount to bracket)	4
27	2303150		BRACKET, SOLENOID	1
28	03-456800		SOLENOID (Throttle and fuel shutoff rack. Includes module)	2
29	03-456803		MODULE, SOLENOID	1
30	07-003003		CAP SCREW, HEX HEAD (1/4"-20 x 3/4", Grade 5)	4
31	07-060014		WASHER, FLAT (1/4" SAE)	4
32	07-050014		NUT, HEX STOP (1/4"-20, Grade 2)	4
33	07-008356		CAP SCREW, SOCKET HEAD (#10-24 x 1-3/4", Grade 8)	2
34	07-062009		WASHER, FLAT (#8)	4
35	07-050011		NUT, LOCK (#10-24, Grade 2)	2
36	10-150200		SPRING, COMPRESSION	1
37	11-008005		ROD, THREADED [1/4"-28 x 3' (.91 M) long, Grade 5] [cut to 4-1/2" (114 mm) long for fuel shutoff rack solenoid] [cut to 4" (102 mm) long for throttle solenoid]	A.R.
38	09-016402		BALL JOINT (1/4"-28, Straight)	2
39	09-016403		BALL JOINT (1/4"-28, 90°)	2
40	07-047114		NUT, JAM (1/4"-28, Grade 5)	6
41	07-065014		WASHER, HELICAL LOCK (1/4" SAE)	2

TITLE ENGINE ASSEMBLY, KUBOTA D722 DIESEL (FALCON 2570) (PLATE 1 OF 2)

PLATE NO. 08.54 SIMON AERIALS INC. NEW 07 DEC., 1992 PART NO. 3531180



TITLE ENGINE ASSEMBLY, KUBOTA D722 DIESEL (FALCON 2570) (PLATE 1 OF 2)

SIMON AERIALS INC.

NEW 07 DEC., 1992

PART NO. 3531180

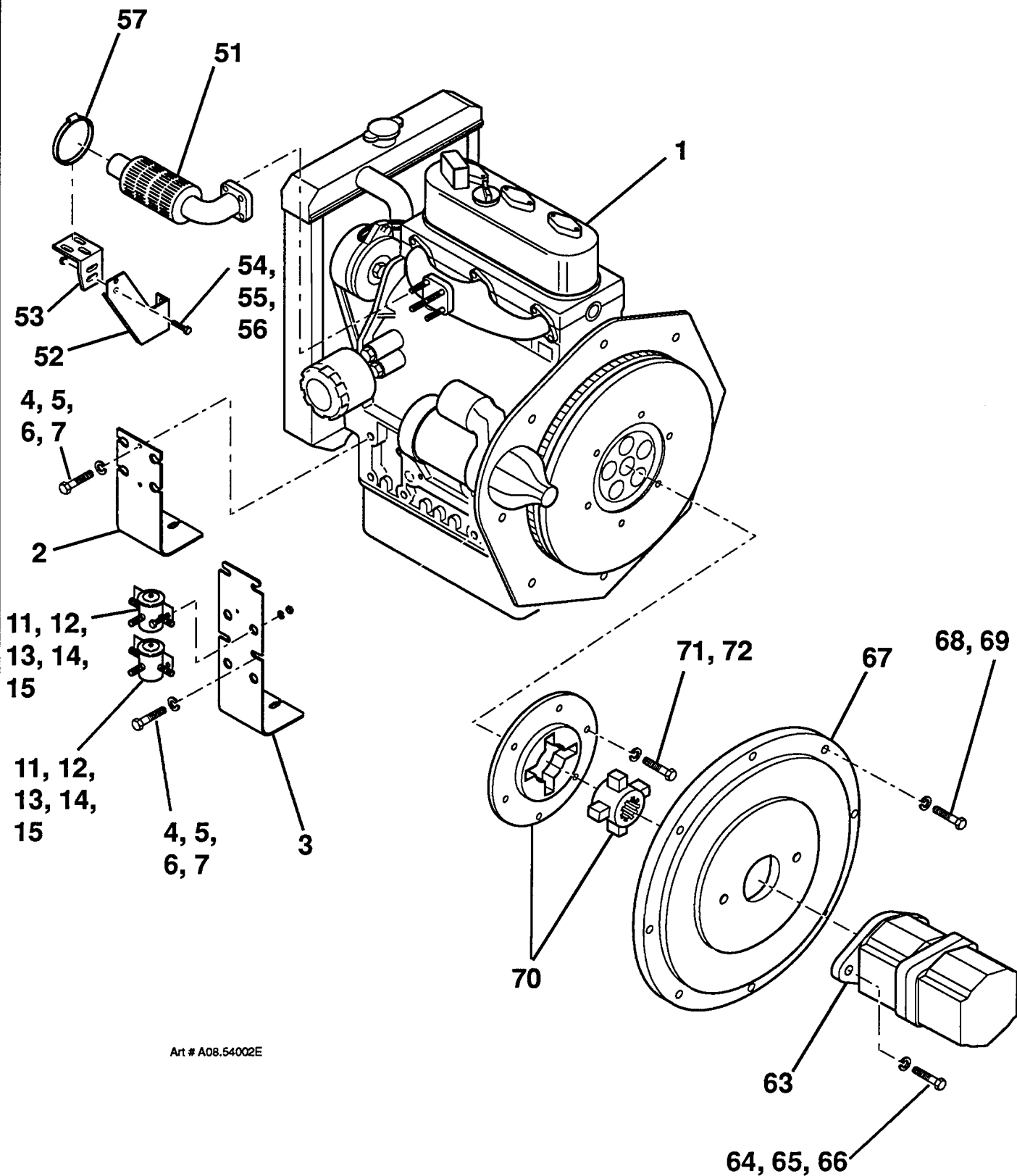
PLATE NO. 08.54

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
42			PUMP, FUEL (Electric) (supplied by engine manufacturer)	1
43	07-003003		CAP SCREW, HEX HEAD (1/4"-20 x 3/4", Grade 5)	2
44	07-050014		NUT, HEX STOP (1/4"-20, Grade 2)	2
45	09-054800		ELBOW, RUBBER (1-1/2" I.D., 85°)	1
46	09-015100		CLAMP, HOSE (2")	3
47	09-052502		AIR CLEANER ASSEMBLY	1
48	09-052503		ELEMENT, AIR CLEANER	1
49	2193570		BRACKET, AIR CLEANER	1
50			BOLT (Air cleaner bracket to engine block)	4
51	09-054201		MUFFLER	1
52	2193390		BRACE, MUFFLER	1
53	2193400		BRACKET, MUFFLER MOUNTING	1
54			BOLT (Bracket to brace)	2
55			WASHER (Bracket to brace)	2
56			NUT (Bracket to brace)	2
57	09-020000		CLAMP, HOSE (5" maximum)	1
58	2193330		BRACKET, RADIATOR OVERFLOW BOTTLE	1
59			NUT (Bracket to undercarriage deck)	3
60			WASHER (Bracket to undercarriage deck)	3
61			BOLT (Bottle to bracket)	2
62			NUT (Bottle to bracket)	2
63	01-212400	12.52	PUMP, TANDEM	1
64	07-008045		CAP SCREW, SOCKET HEAD (3/8"-16 x 1", Grade 8)	2
65	07-060016		WASHER, FLAT (3/8" SAE)	2
66	07-065016		WASHER, HELICAL LOCK (3/8")	2
67	02-035700		PLATE, PUMP MOUNTING (Type 5A, 2 bolt)	1
68	07-003046		CAP SCREW, HEX HEAD (3/8"-16 x 1-1/4", Grade 5)	8
69	07-065016		WASHER, HELICAL LOCK (3/8")	8
70	02-035800		COUPLING, PUMP (OK 100 with 6.5" adapter plate)	1
71	07-003025		CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	6
72	07-065015		WASHER, HELICAL LOCK (5/16")	6
73	03-074000		CABLE, ENGINE GROUND [#4 AWG, Black, 9-3/4" (248 mm) long]	1
74	09-004600		CLAMP, WORM (1/4" - 5/8") (for fuel line)	2

TITLE ENGINE ASSEMBLY, KUBOTA D722 DIESEL (FALCON 2570) (PLATE 2 OF 2)

PLATE NO.	08.54	SIMON AERIALS INC.	NEW 07 DEC., 1992	PART NO.	3531180
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TITLE ENGINE ASSEMBLY, KUBOTA D722 DIESEL (FALCON 2570) (PLATE 2 OF 2)

SIMON AERIALS INC.

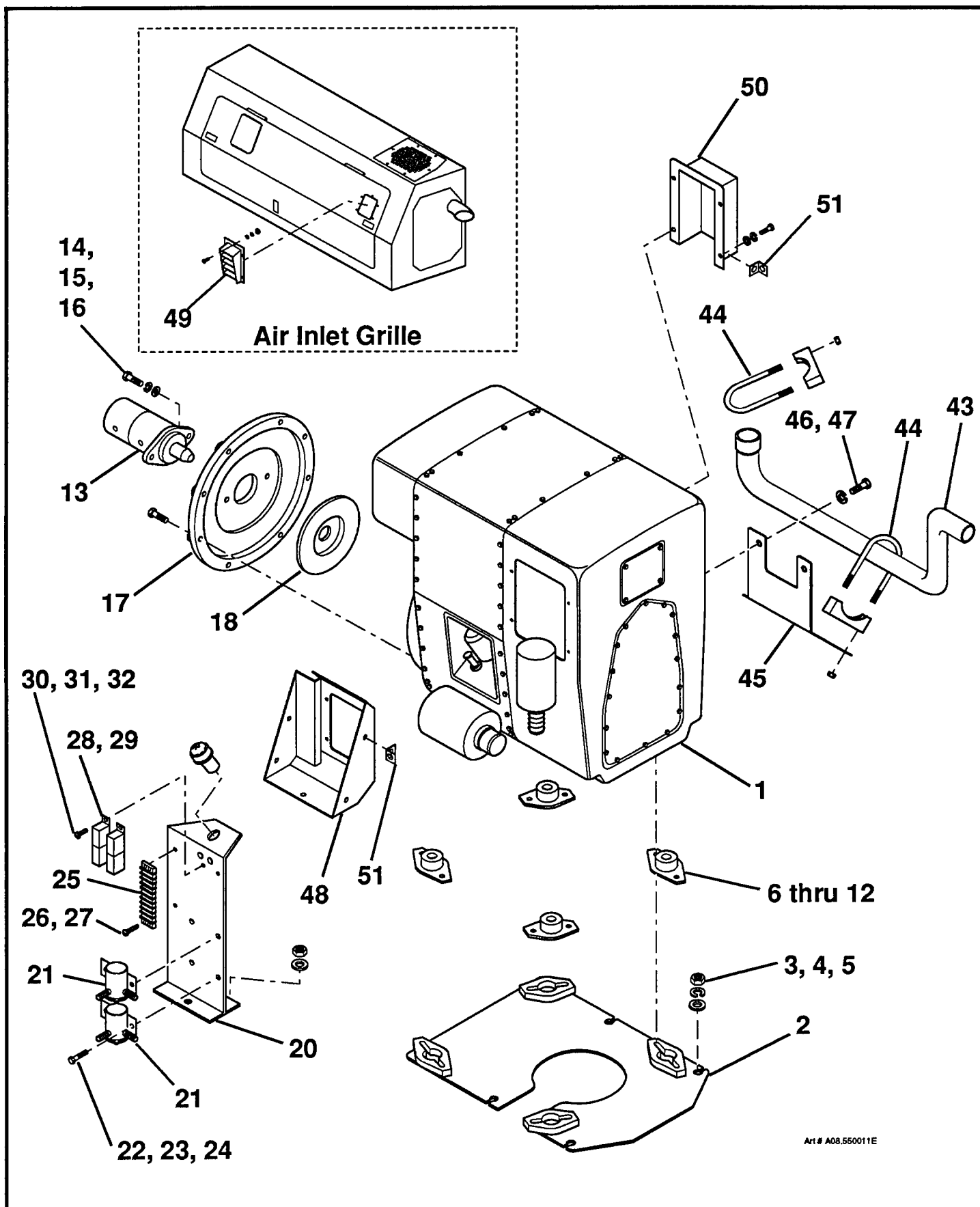
NEW 07 DEC., 1992

PART NO. 3531180

PLATE NO. 08.54

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PLATE NO.	08.55	SIMON AERIALS INC.	NEW 07 DEC., 1992	PART NO.	3529760
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TITLE ENGINE ASSEMBLY, HATZ 1D80C DIESEL (FALCON 2570) (PLATE 1 OF 2)

SIMON AERIALS INC.

NEW 07 DEC., 1992

PART NO. 3529760

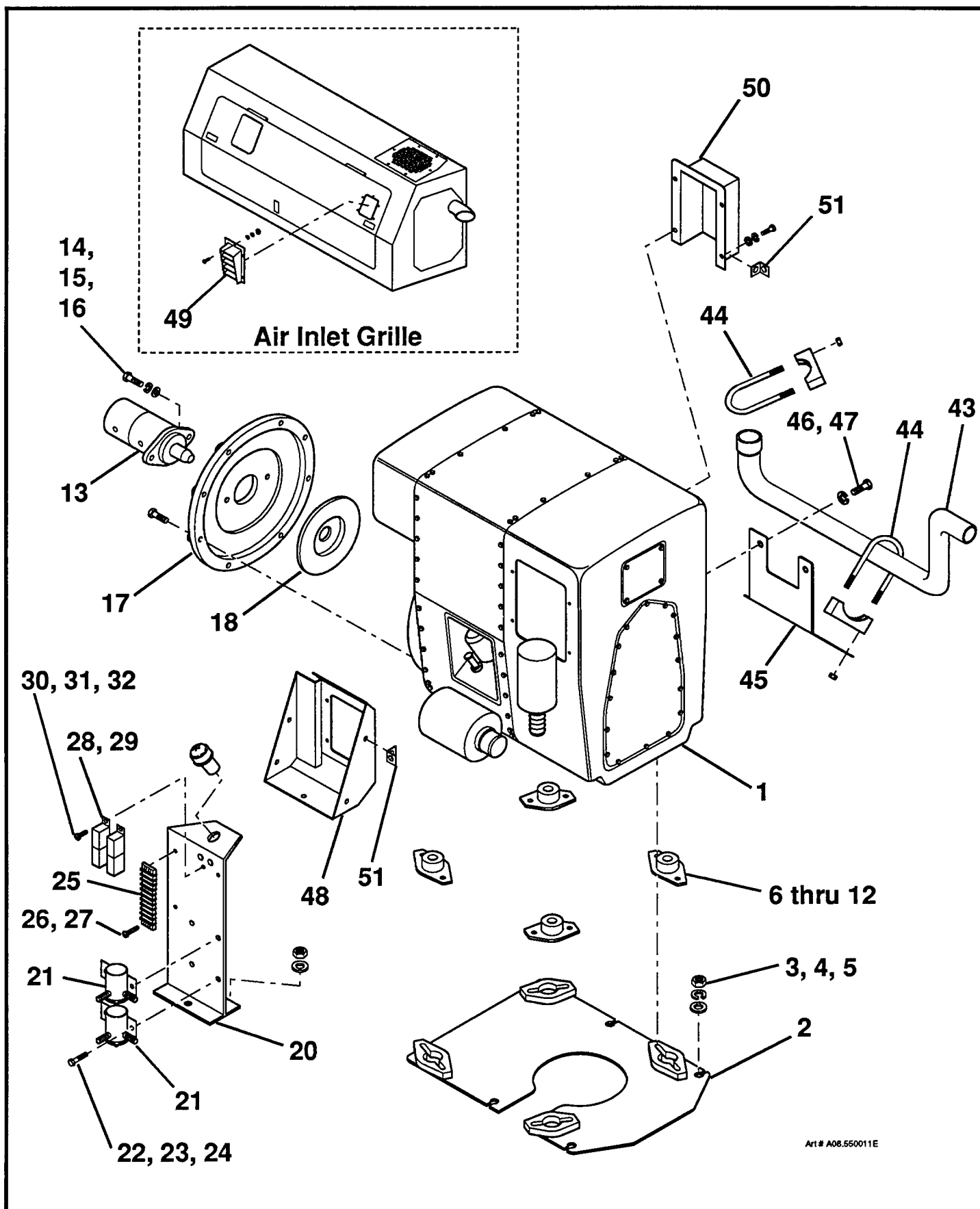
PLATE NO. 08.55

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
19	3529790		ENGINE RELAY ASSEMBLY	1
20	2195070		BRACKET WELDMENT, ENGINE RELAY	1
21	03-051300		RELAY (Single pole, single throw) (starter and glow plugs)	2
22	07-003003		CAP SCREW, HEX HEAD (1/4"-20 x 3/4", Grade 5)	4
23	07-050014		NUT, LOCK (1/4"-20, Grade 5)	4
24	07-062014		WASHER, FLAT (1/4")	4
25	03-068000		BLOCK, TERMINAL (10 connector)	1
26	07-011344		MACHINE SCREW, PAN HEAD (#8-32 x 3/4", Grade 2)	4
27	07-050009		NUT, LOCK (#8-32, Grade 5)	4
28	03-467500		RELAY (Single pole, single throw, 12 Volt, normally open, sealed)	2
29	03-469200		SOCKET, RELAY	2
30	07-011355		MACHINE SCREW, ROUND HEAD (#10-24 x 3/4")	3
31	07-050011		NUT, LOCK (#10-24, Grade 5)	3
32	07-062011		WASHER, FLAT (#10)	3
33	03-482500		CABLE [#4 AWG, Black, 15" (381 mm) long]	1
34	03-450400		CONNECTOR, PLUG (23 Conductor)	1
35	03-451000		SOCKET, TERMINAL	6
36	03-064800		GROMMET (Plastic)	2
37	03-066900		LOOM, WIRE (1/2") [18" (457 mm) long]	A.R.
38	10-060800		CLAMP, HOSE (1/2" maximum)	1
39	10-061200		CLAMP, LOOP (3/4")	4
40	07-050014		NUT, LOCK (1/4"-20, Grade 5) (Bracket to deck)	2
41	07-062014		WASHER, FLAT (1/4") (Bracket to deck)	2
42	09-004600		CLAMP, WORM (1/4" to 5/8") (for fuel line)	6
43	2195040		PIPE, EXHAUST	1
44	09-004500		CLAMP, MUFFLER (1-7/8" "U"-Bolt, saddle and nuts)	2
45	2195030		BRACE, EXHAUST PIPE	1
46	07-005114		CAP SCREW, HEX HEAD (M6 x 25 mm)	2
47	07-066004		WASHER, HELICAL LOCK (6 mm)	2
48	2194940		DUCT, AIR INLET	1
49	2194950		GRILLE, AIR INLET	1
50	2194960		DUCT, AIR OUTLET	1
51	2041739		ANGLE, BRUSH RETAINER	10

TITLE ENGINE ASSEMBLY, HATZ 1D80C DIESEL (FALCON 2570) (PLATE 2 OF 2)

PLATE NO. 08.55
 SIMON AERIALS INC.
 NEW 07 DEC., 1992
 PART NO. 3529760



TITLE ENGINE ASSEMBLY, HATZ 1D80C DIESEL (FALCON 2570) (PLATE 2 OF 2)

SIMON AERIALS INC.

NEW 07 DEC., 1992

PART NO. 3529760

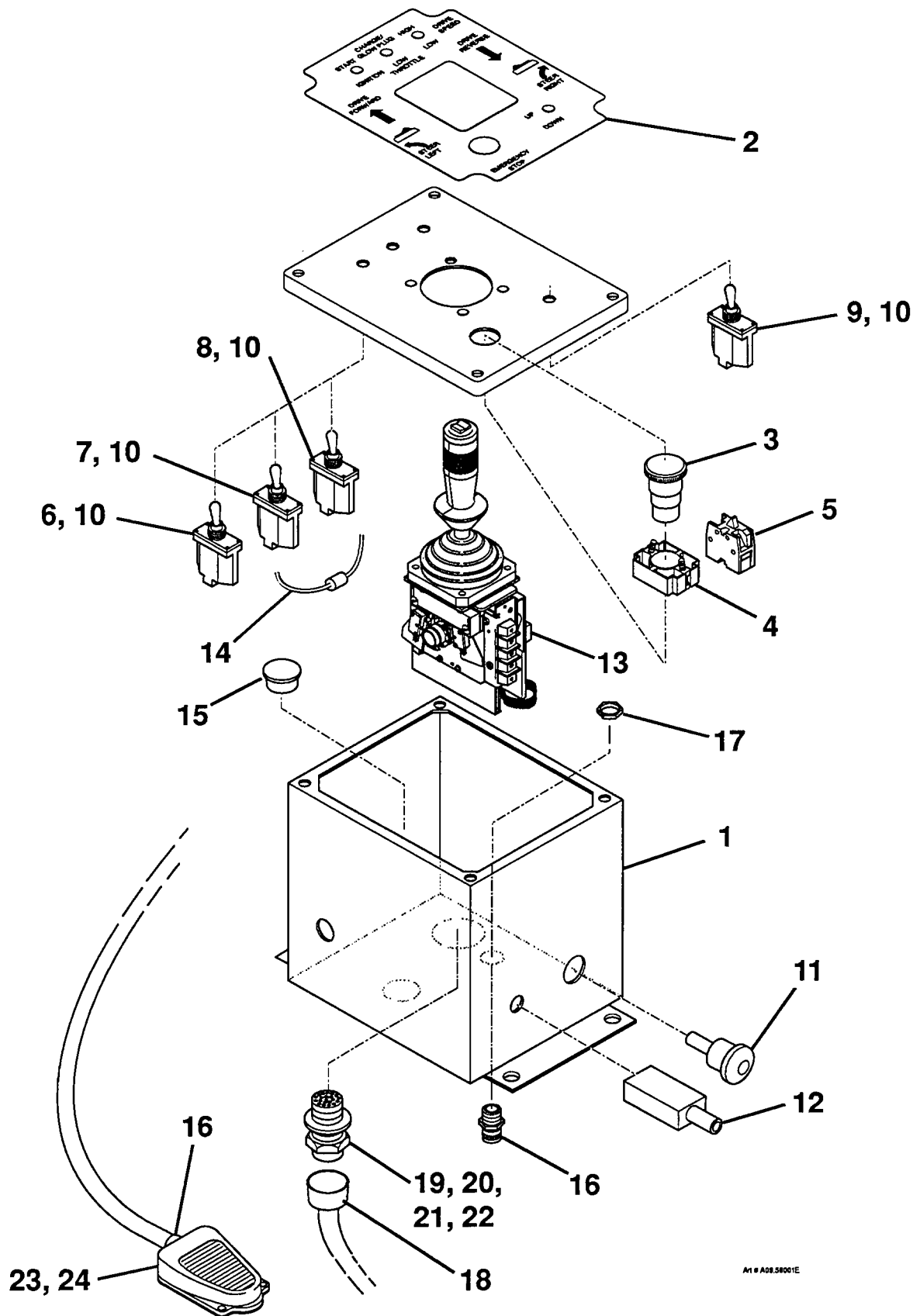
PLATE NO. 08.55

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	2187640		BOX, PLATFORM CONTROL (drilled. Includes cover)	1
2	10-124400		DECAL, PLATFORM CONTROL	1
3	03-409800		BUTTON, EMERGENCY STOP	1
4	03-454900		BASE, SWITCH MOUNTING	1
5	03-437300		BLOCK, CONTACT (normally closed)	1
6	03-465000		SWITCH, TOGGLE (Ignition) (2 position, single pole)	1
7	03-032600		SWITCH, TOGGLE (Throttle) (2 TL1-50) (3 position, 2 pole)	1
8	03-020400		SWITCH, TOGGLE (Drive speed) (1 TL1-2) (2 position, maintained contact, single pole, single throw)	1
9	03-020500		SWITCH, TOGGLE (Lift) (1TL1-7) (3 position, momentary contact, single pole)	1
10	03-497900		SEAL, PANEL	4
11	03-022900		LIGHT, PILOT (12 Volt DC)	1
12	03-476000		BREAKER, CIRCUIT	1
13	03-483000	29.51	CONTROLLER, DRIVE/ STEER (12 Volt)	1
14	03-403800		DIODE (10 ohm)	1
15	03-497300		ALARM, TILT (60 - 80 db) (option)	1
16	03-045500		GRIP, CORD (1/2")	2
17	03-055500		NUT, CONDUIT LOCK (1/2")	1
18	03-483400		PLUG, CONNECTOR (23 pin, with strain relief)	1
19	03-450100		CONNECTOR, RECEPTACLE (23 pin)	1
20	03-450900		PIN, TERMINAL	23
21	03-450200		NUT, PANEL	1
22	03-450300		WASHER, LOCK	1
23	03-465600		SWITCH, FOOT OPERATED (double pole, double throw)	1
24	03-465602		MICROSWITCH	2
25	03-439000		TIE, CABLE (3.62")	4
26	03-064000		TIE, CABLE (7.4")	10
27	03-064100		MOUNT, CABLE TIE (adhesive backed)	2

TITLE PLATFORM CONTROL CONSOLE, FALCON 2570

PLATE NO. 09.56 **SIMON AERIALS INC.** NEW 12 NOV., 1992 PART NO. 3528350



A1 # A08.58001E

TITLE

PLATFORM CONTROL CONSOLE, FALCON 2570

SIMON AERIALS INC.

NEW 12 NOV., 1992

PART
NO.

3528350

PLATE
NO.

09.56

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	04-031100		CYLINDER, BRAKE (Type 1, for Falcon 2034, S/N L-101 thru L-112, for Falcon 2034, S/N L-114 thru L-118)	1
	04-033700		"Type 1" cylinder length from flange to end of barrel is 8-1/16" (205 mm).	
			CYLINDER, BRAKE (Type 2, for Falcon 2034, S/N L-113, for Falcon 2034, S/N L-119 and above, for Falcon 2548 and 2570, all)	1
			"Type 2" cylinder length from flange to end of barrel is 6-1/2" (165 mm).	
			Note: when ordering REPLACEMENT CYLINDER , "Type 2" will be supplied.	
2			JACKET ASSEMBLY	1
3	04-031102		ROD, PISTON (for "Type 1" cylinder)	1
	04-033701		ROD, PISTON (for "Type 2" cylinder)	1
4			SPACER	1
5	04-031103		PISTON (for "Type 1" cylinder)	1
	04-033704		PISTON (for "Type 2" cylinder)	1
6			NUT, LOCK	1
7			SPRING (for "Type 1" cylinder)	1
	04-033705		SPRING (for "Type 2" cylinder)	1
8	04-033703		REPAIR KIT (For "Type 2" cylinder. Includes Gland Nut and Seal Kit)	1
9	04-031104		NUT, GLAND (#1, for "Type 2" cylinder)	1
	04-031105		NUT, GLAND (#2, for "Type 2" cylinder)	1
10	04-033702		SEAL KIT (for "Type 2" cylinder)	1
11			WIPER, ROD	1
12			SEAL, PISTON ("Polypak")	1
13			WASHER, BACKUP	1
14			"O"-RING	1
15			"O"-RING	1
16			SEAL, "POLYPAK"	1
17			NUT, GLAND (for "Type 1" cylinder)	1
18	04-031101		SEAL KIT (for "Type 1" cylinder)	1
			The following part is NOT INCLUDED as part of the brake cylinder assembly.	
19	06-0003800		ELBOW, 90° MALE (6 CTX)	2

TITLE

BRAKE CYLINDER, FALCON

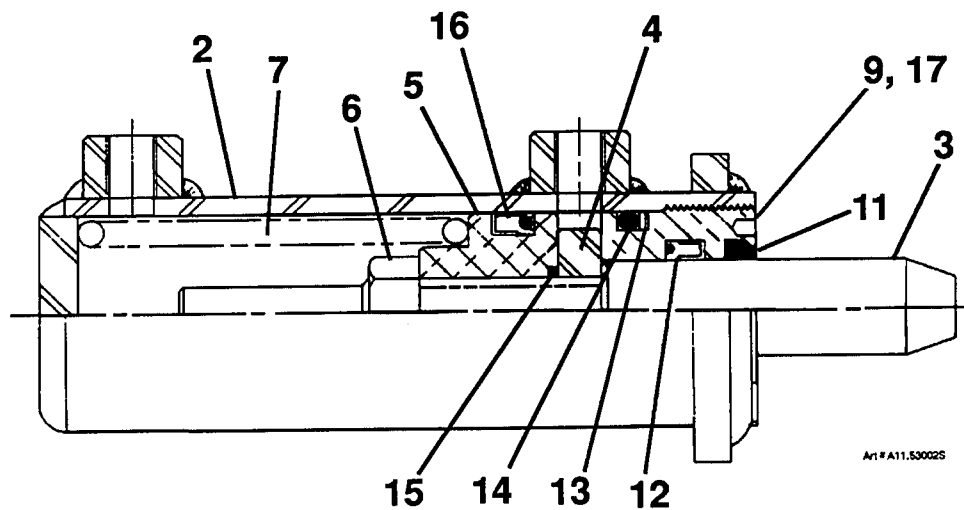
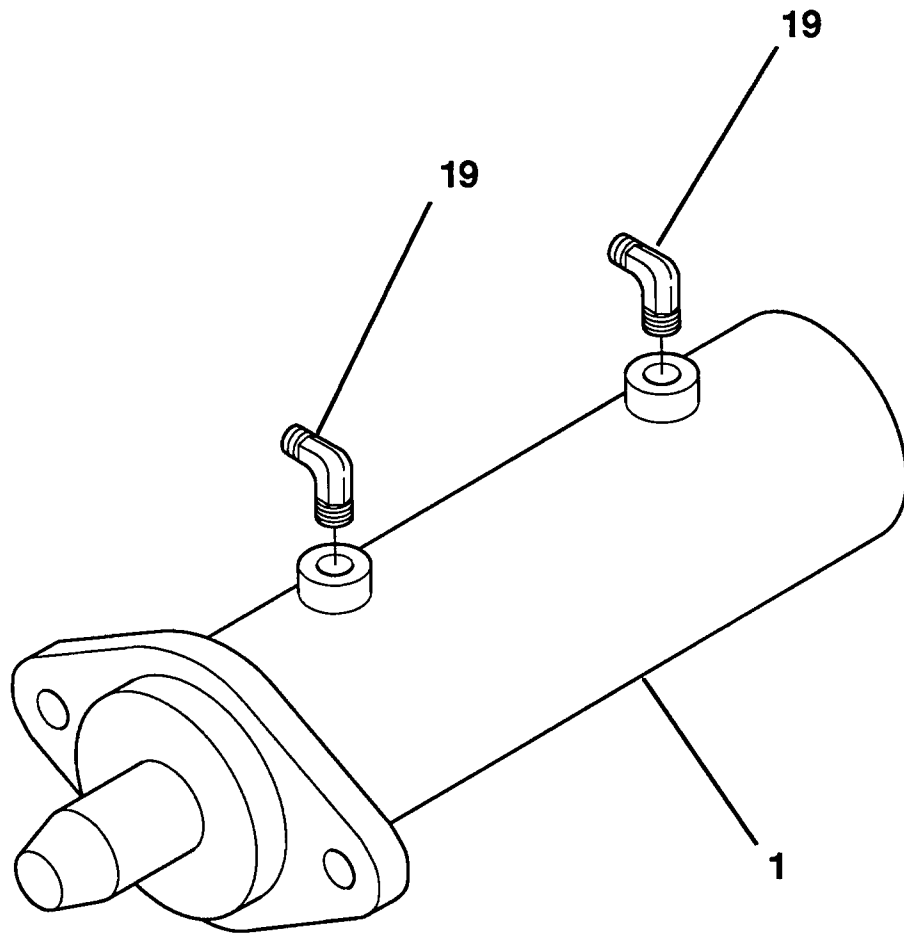
PLATE
NO.

11.53

SIMON AERIALS INC.

REV. 01 APR., 1992

PART
NO.



Brake Cylinder Internal Components (Type 2 Cylinder shown)

Ar1 #A11.530025

TITLE

BRAKE CYLINDER, FALCON

SIMON AERIALS INC.

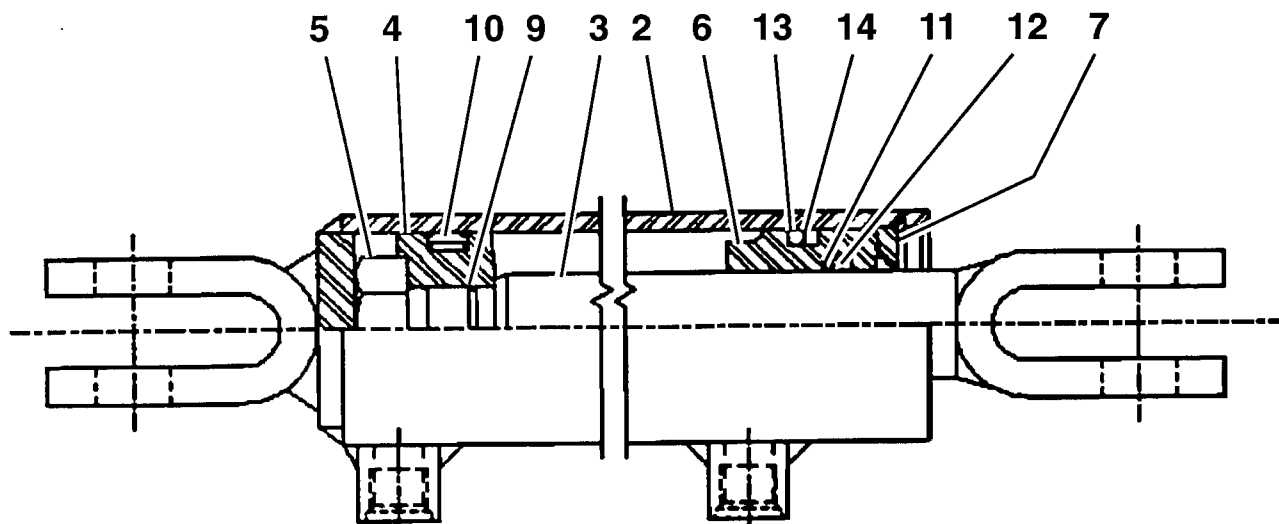
REV. 01 APR., 1992

PART
NO.

PLATE
NO.

11.53

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Art # A11.590015

TITLE

STEER CYLINDER, FALCON 2570

SIMON AERIALS INC.

REV. 06 OCT., 1995

PART
NO.

352 7200

PLATE
NO.

11.59

PARTS LIST

[illegible]

TITLE

LIFT CYLINDER, FALCON 2548, 2570

**PLATE
NO.**

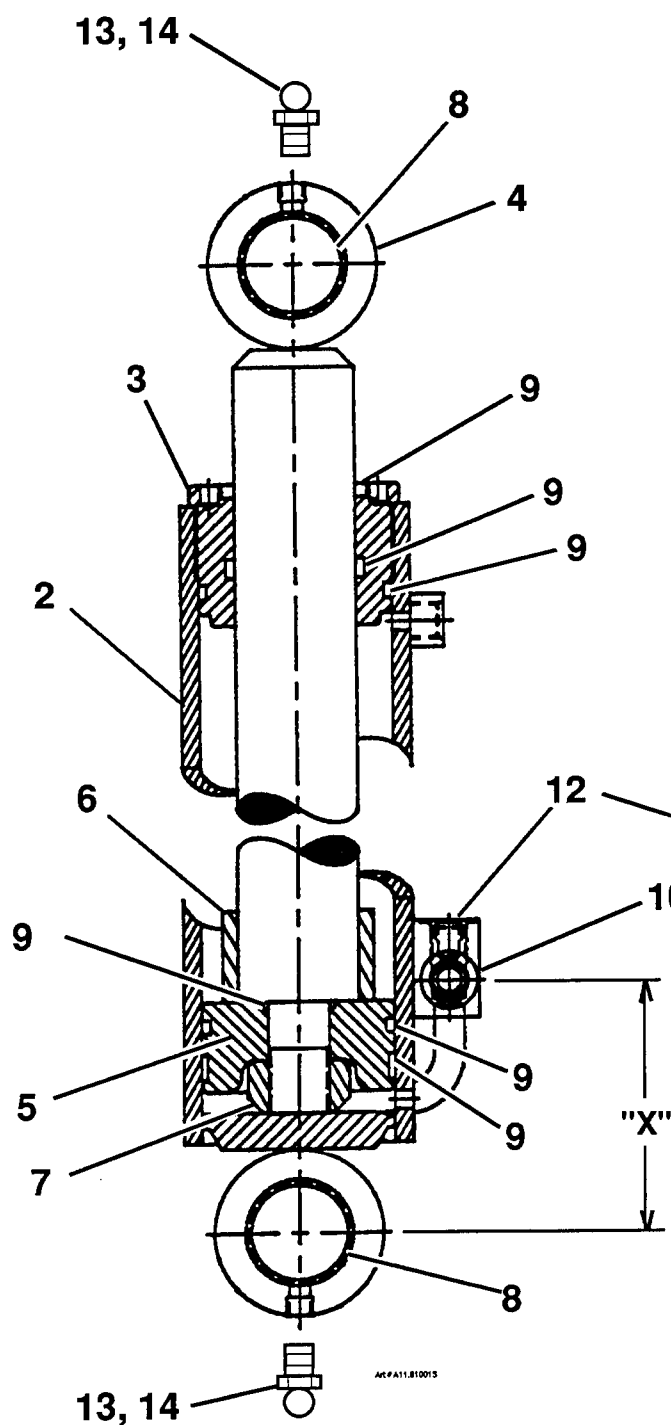
11.61

SIMON AERIALS INC.

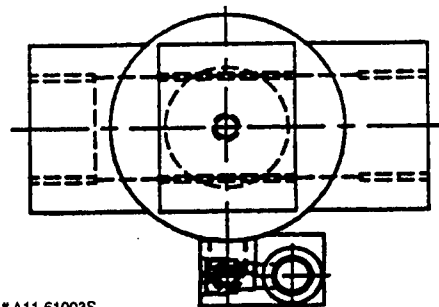
NEW 16 MAR., 1992

PART
NO.

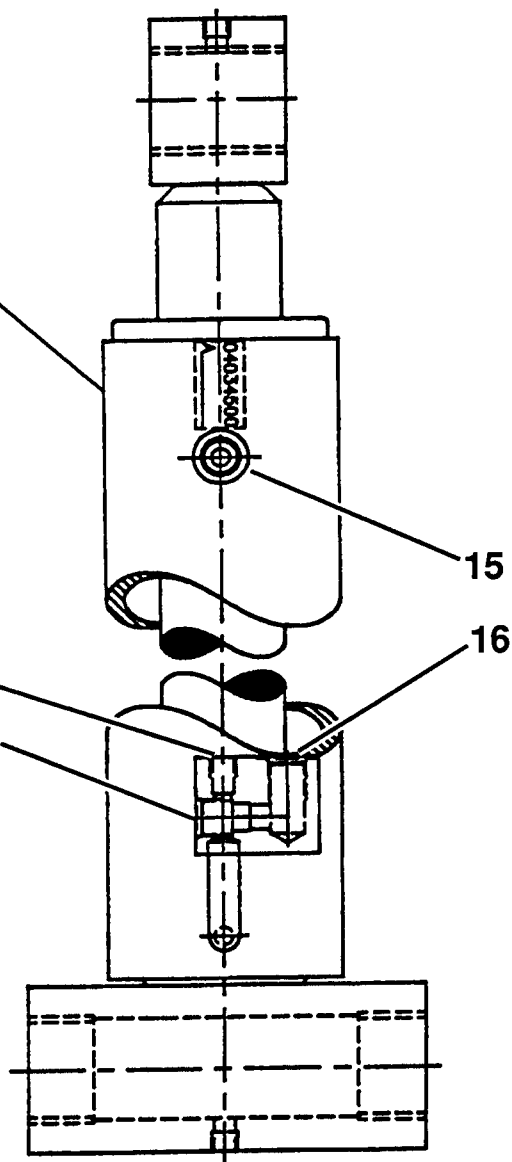
3529110



Art # A11.61003S



1



Art # A11.61002S

TITLE

LIFT CYLINDER, FALCON 2548, 2570

SIMON AERIALS INC.

NEW 16 MAR., 1992

PART
NO.

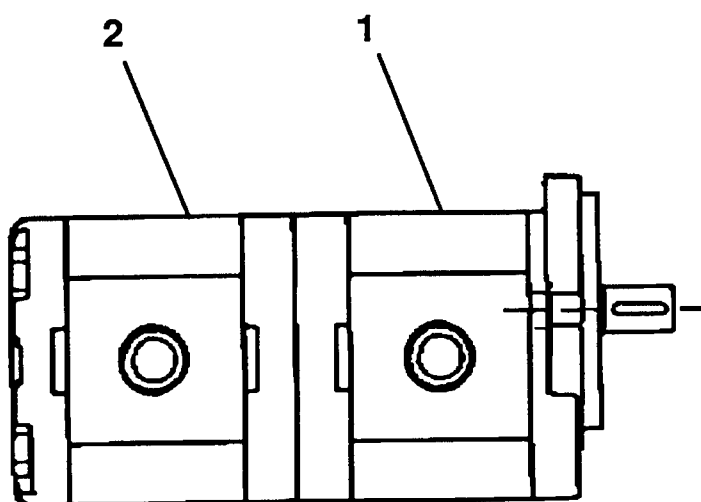
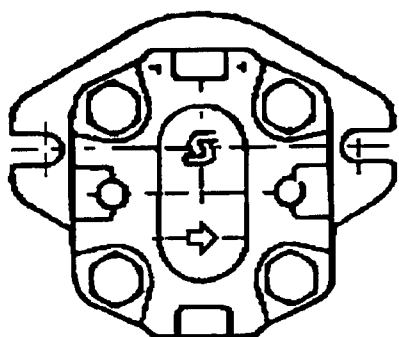
3529110

PLATE
NO.

11.61

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PLATE NO. 12.52	SIMON AERIALS INC.	NEW 06 MAR., 1992	PART NO. 01-212400
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Art #A12.520015

TITLE TANDEM PUMP ASSEMBLY, FALCON 2570

SIMON AERIALS INC.

NEW 06 MAR., 1992

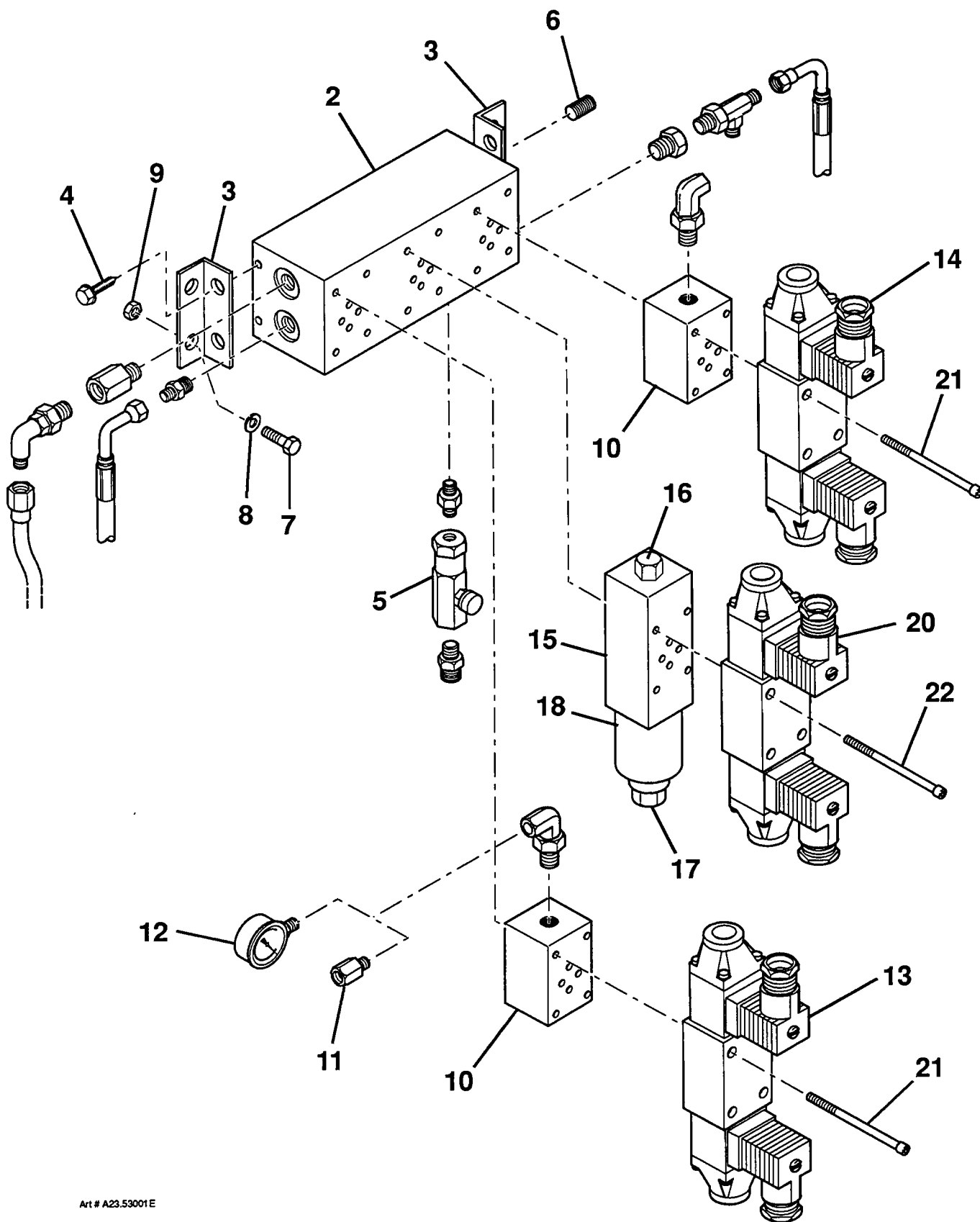
PART NO. 01-212400

PLATE NO. 12.52

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	01-211300		MANIFOLD ASSEMBLY (3 Station)	1
2			MANIFOLD, PARALLEL	1
3			BRACKET, MOUNTING	2
4			SCREW, HEX WASHER HEAD (5/16"-18 x 5/8", self tapping)	4
5	01-012300		VALVE, FLOW CONTROL [75 - 5 GPM (2.8 - 18.9 LPM)]	1
6			PLUG	1
7	07-003025		CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	4
8	07-062015		WASHER, FLAT (5/16")	4
9	07-050015		NUT, LOCK (5/16"-18, Grade 5)	4
10	01-211700		VALVE, RELIEF	2
11	06-064000		CAP (6 FNTX-S) (without pressure gauge)	2
12	• 01-021000		GAUGE, PRESSURE [0-4000 PSI (0-276 Bar) (281 Kg/ cm ²) (option)]	1
13	01-203000	27.57	VALVE, DIRECTIONAL (Steer) (Closed center) (Solenoid operated, 4 way, 3 position, 12 Volt DC) (Identified on nameplate as "4WE6 G 51/ AG12NZ-45V")	1
14	• 01-203100	27.57	VALVE, DIRECTIONAL (Lift/ Drive) (Open center) (Solenoid operated, 4 way, 3 position, 12 Volt DC) (Identified on nameplate as "4WE6 H 51/ AG12NZ-45V")	1
15	01-208500		VALVE, PROPORTIONAL	1
16	01-208501		VALVE, DIFFERENTIAL SENSING	1
17	01-208504		CARTRIDGE, PROPORTIONAL VALVE	1
18	01-208503		COIL (12 Volt DC)	1
19	01-208502		SEAL KIT, PROPORTIONAL VALVE	1
20	01-203800	27.59	VALVE, DIRECTIONAL (Drive) (Solenoid operated, 4 way, 3 position, 12 Volt DC) (Identified on nameplate as "4WE6 J 51/ AG12NZ-45V")	1
21	07-090139		CAP SCREW, SOCKET HEAD (#10-24 x 4")	8
22	07-092500		CAP SCREW, SOCKET HEAD (#10-24 x 5")	4
23	06-000700		CONNECTOR, MALE (6 FTX-S)	1
24	06-039600		CONNECTOR, STRAIGHT THREAD (4-8 F50X-S)	2
25	06-039900		CONNECTOR, STRAIGHT THREAD (6-8 F50X-S)	1
26	06-040000		CONNECTOR, STRAIGHT THREAD (6-10 F50X-S)	1
27	06-040100		CONNECTOR, STRAIGHT THREAD (8 F50X-S)	2
28	06-003800		ELBOW (6 CTX-S)	2
29	06-044800		ELBOW, STRAIGHT THREAD (8 C50X-S)	1
30	06-048500		TEE (6 R50X-S)	1
31	06-090900		REDUCER/ EXPANDER (10-8 F50 G5-S)	1
32	06-095100		PLUG, HOLLOW HEX (8 HP50 N-S)	1
33	06-095200		PLUG, HOLLOW HEX (10 HP50 N-S)	1
34	06-197700		SWIVEL, FEMALE (6 JIC to 6 NPT) (6 F6X-S)	1
35	10-061600		CLAMP (1")	3

TITLE		VALVE MANIFOLD ASSEMBLY, FALCON 2570		
PLATE NO.	23.53	SIMON AERIALS INC.	REV. 03 MAY, 1993	PART NO. 3529060



Art # A23.53001E

TITLE

VALVE MANIFOLD ASSEMBLY, FALCON 2570

SIMON AERIALS INC.

REV. 03 MAY, 1993

PART
NO.

3529060

PLATE
NO.

23.53

PARTS LIST

[illegible]**TITLE**

HYDRAULIC TANK, FALCON 2570

PLATE
NO.

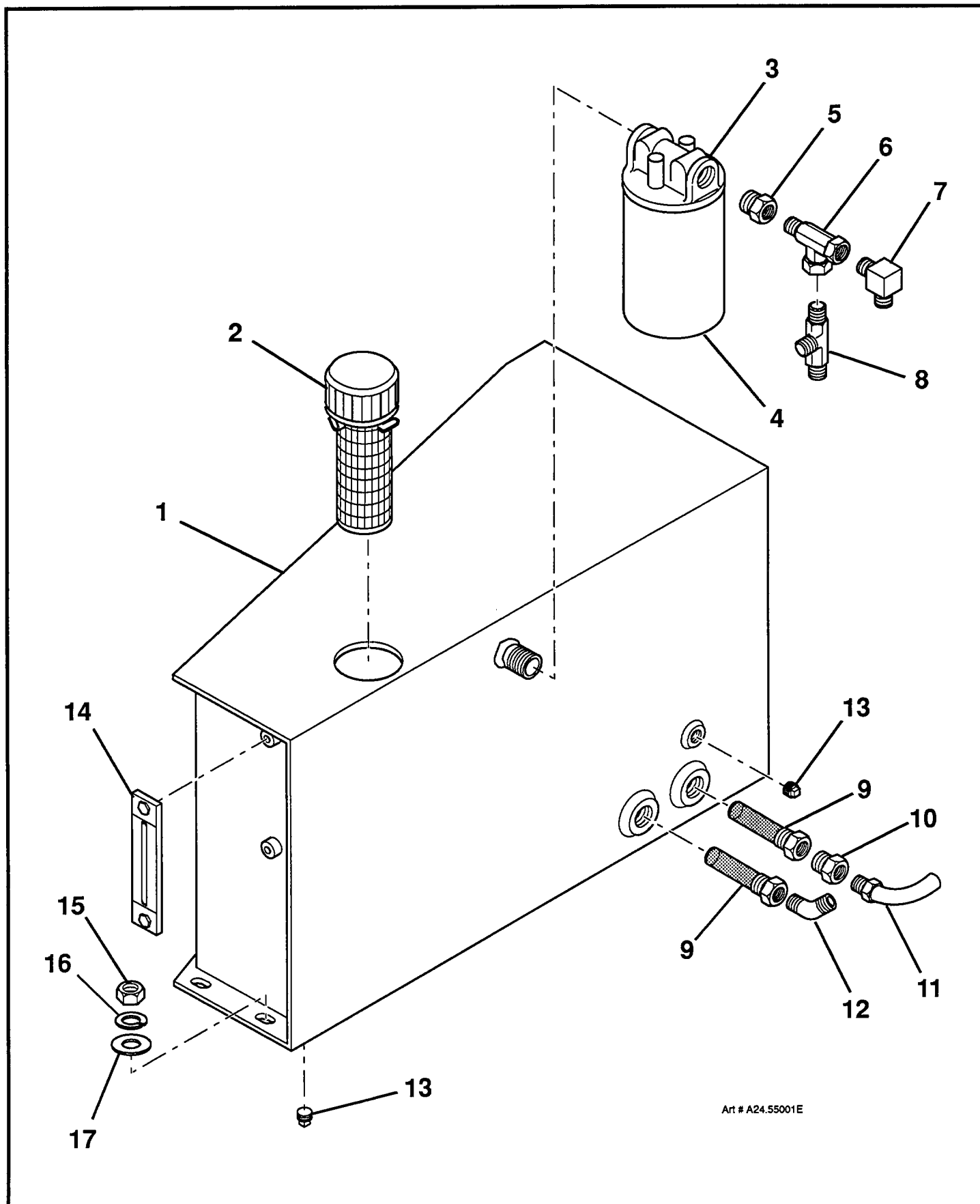
24.55

SIMON AERIALS INC.

NEW 06 APR., 1992

PART
NO.

3525250



Art # A24.55001E

TITLE

HYDRAULIC TANK, FALCON 2570

SIMON AERIALS INC.

NEW 06 APR., 1992

PART
NO.

3525250

PLATE
NO.

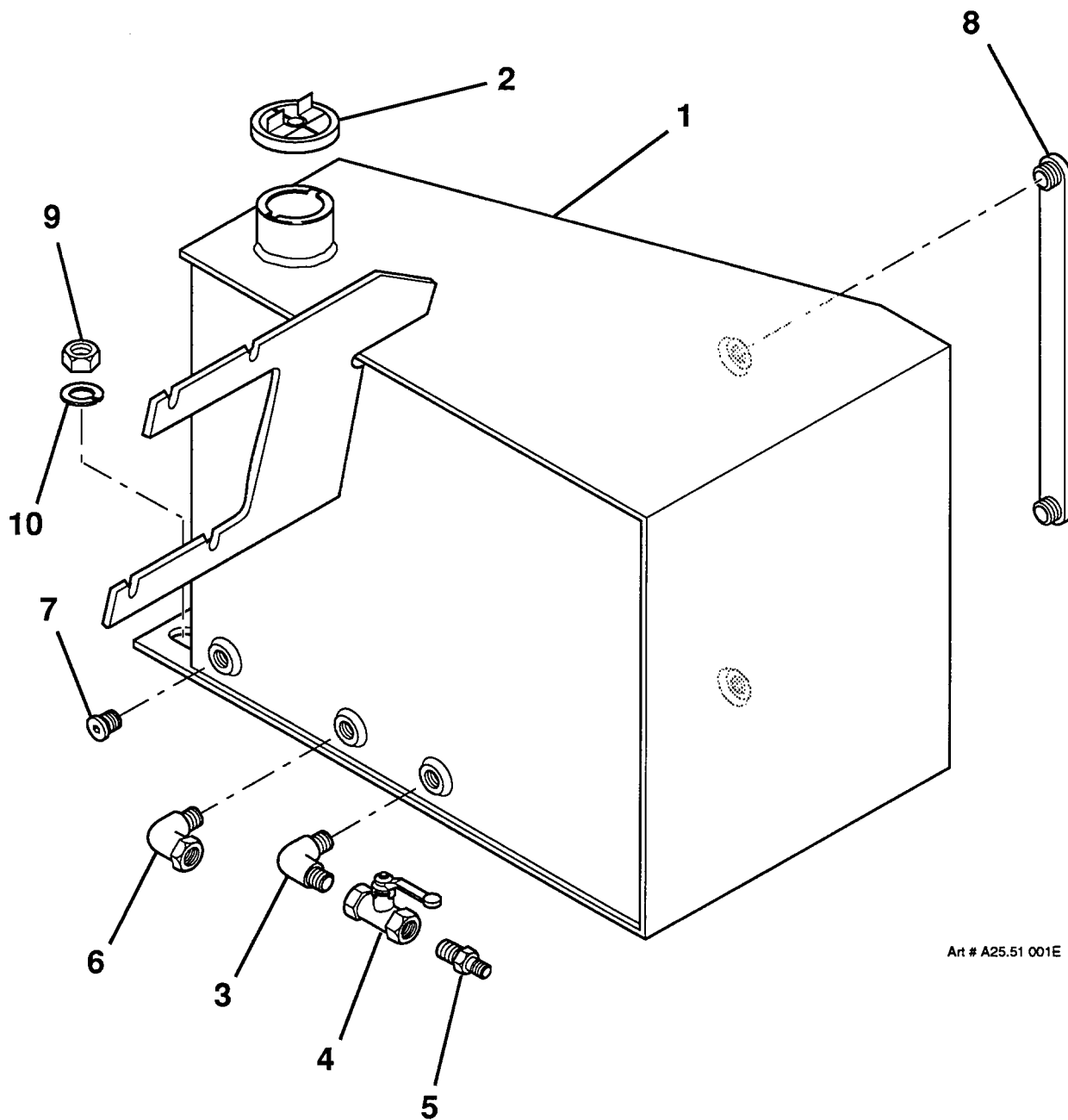
24.55

PARTS LIST

[illegible]

TITLE	FUEL TANK, FALCON 2570
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PLATE NO.	25.51	SIMON AERIALS INC.	NEW 26 MAR., 1992	PART NO.	3527190
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Art # A25.51 001E

TITLE

FUEL TANK, FALCON 2570

SIMON AERIALS INC.

NEW 26 MAR., 1992

PART
NO.

3527190

PLATE
NO.

25.51

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
	01-205400		MOTOR ASSEMBLY (Motor identification tag reads "RE 32203100")	
1	01-205410		HOUSING (includes bearing)	1
2	01-205411		BEARING	1
3	01-205408		WASHER, THRUST	2
4	01-205409		BEARING, THRUST	1
5	01-205401		SEAL KIT	1
6			SEAL, SHAFT	1
7			TEFLON, BACKUP	1
8			RING, BACKUP	1
9			SEAL, HOUSING (high pressure)	1
10			SEAL, DUST	1
11			SEAL, BODY	3
12			SEAL, BODY	1
13	01-205406		BEARING	1
14	01-205407		SPACER, BEARING	1
15	01-205405		RING, RETAINING	1
16	01-205403		SHAFT (includes nut and key)	1
17	• 01-205402		KEY (5/16")	1
18	01-205404		NUT	1
19	01-205416		LINK, DRIVE (with spacer)	1
20	01-205417		SPACER, DRIVE LINK	1
21	01-205418		MANIFOLD	1
22	01-205412		BOOT, MANIFOLD	1
23	01-205419		ROTOR SET ASSEMBLY	1
24	01-205413		PLATE, BALANCE (includes ball checks)	1
25	01-205414		CHECK, BALL	3
26	01-205415		COVER, END	1
27	01-205421		PLATE, MOTOR IDENTIFICATION (with screws)	1
28	01-205420		BOLT SET (includes 7 bolts)	1

TITLE

WHEEL MOTOR ASSEMBLY

PLATE
NO.

26.52

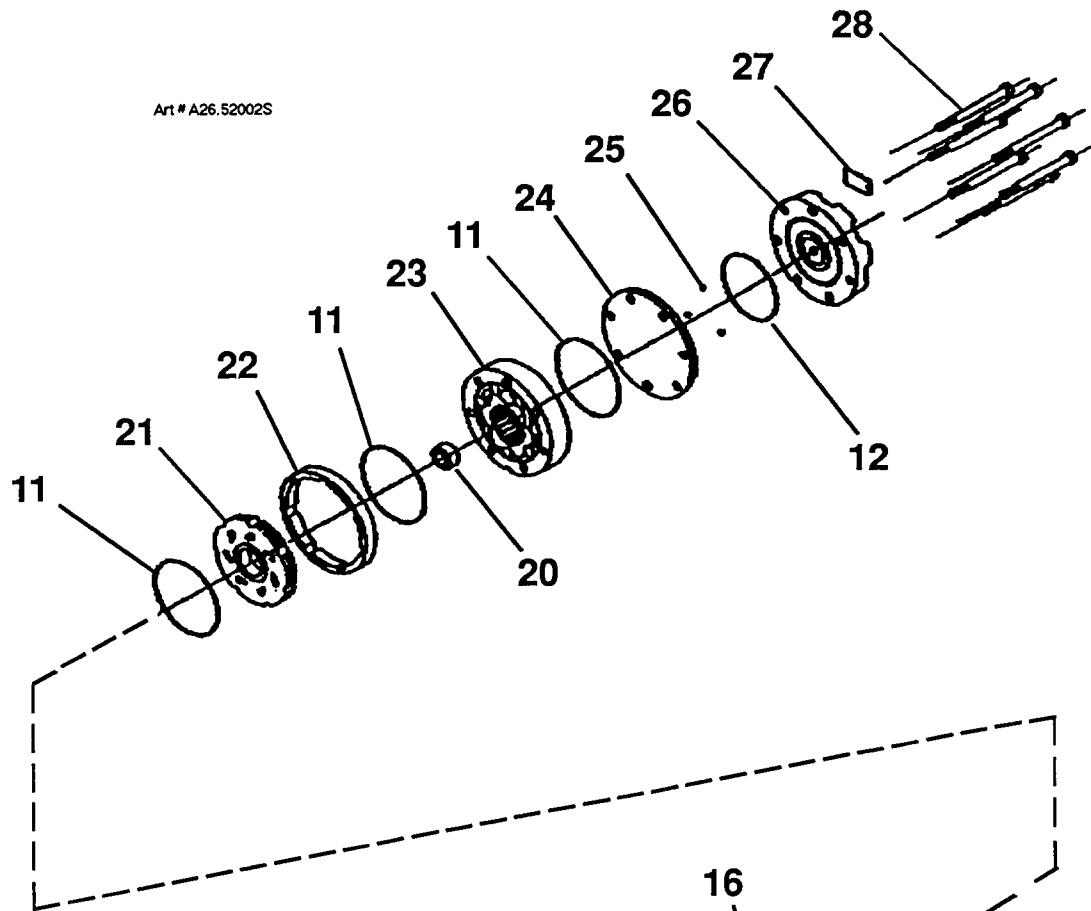
SIMON AERIALS INC.

REV. 03 MAY, 1993

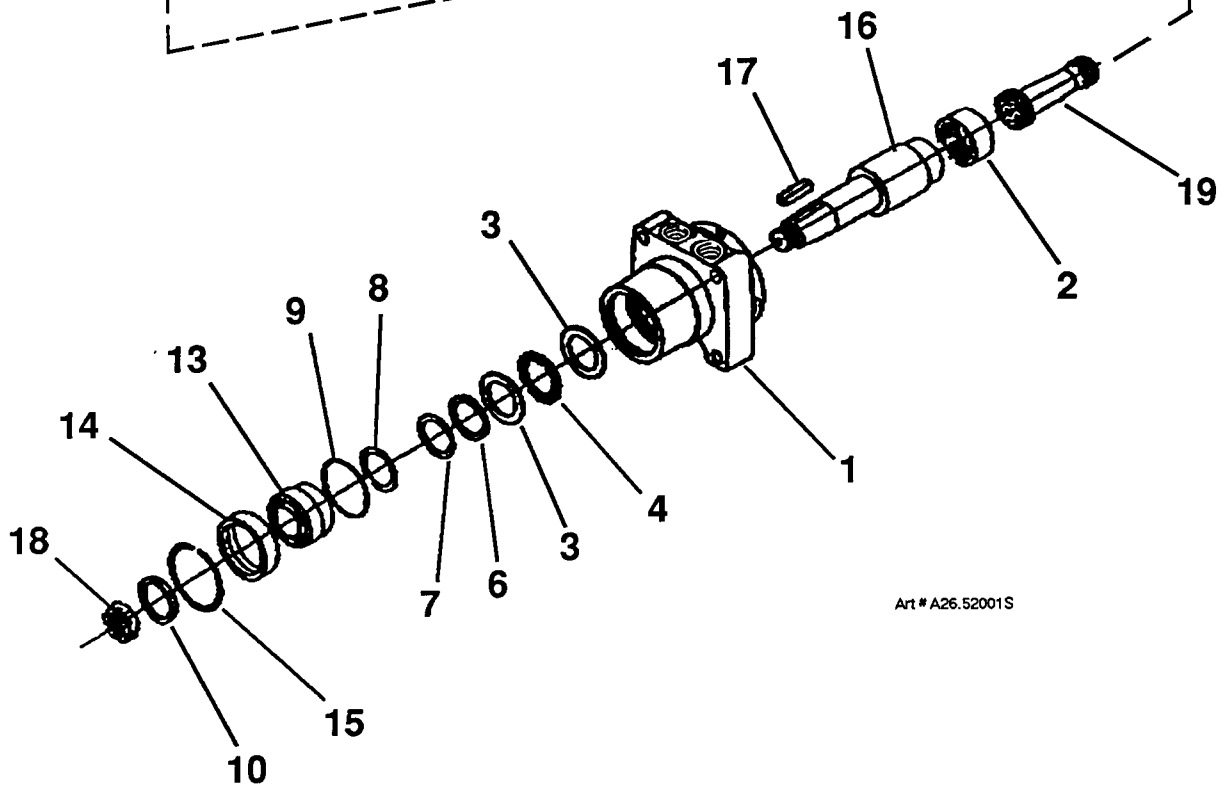
PART
NO.

01-205400

Art # A26.52002S



Art # A26.52001S



TITLE

WHEEL MOTOR ASSEMBLY

SIMON AERIALS INC.

REV. 03 MAY, 1993

PART
NO.

01-205400

PLATE
NO.

26.52

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
	01-208100		MOTOR ASSEMBLY (Motor identification tag reads "RE 24203100")	
1	01-205410		HOUSING (includes bearing)	1
2	01-205411		BEARING	1
3	01-205408		WASHER, THRUST	2
4	01-205409		BEARING, THRUST	1
5	01-205401		SEAL KIT	1
6			SEAL, SHAFT	1
7			TEFLON, BACKUP	1
8			RING, BACKUP	1
9			SEAL, HOUSING (high pressure)	1
10			SEAL, DUST	1
11			SEAL, BODY	3
12			SEAL, BODY	1
13	01-205406		BEARING	1
14	01-205407		SPACER, BEARING	1
15	01-205405		RING, RETAINING	1
16	01-205403		SHAFT (includes nut and key)	1
17	• 01-205402		KEY (5/16")	1
18	01-205404		NUT	1
19	01-205416		LINK, DRIVE	1
20	01-205418		MANIFOLD	1
21	01-205412		BOOT, MANIFOLD	1
22	01-208101		ROTOR SET ASSEMBLY	1
23	01-205413		PLATE, BALANCE (includes ball checks)	1
24	01-205414		CHECK, BALL	3
25	01-205415		COVER, END	1
26	01-205421		PLATE, MOTOR IDENTIFICATION (with screws)	1
27	01-208102		BOLT SET (includes 7 bolts)	1

TITLE

WHEEL MOTOR ASSEMBLY

PLATE
NO.

26.53

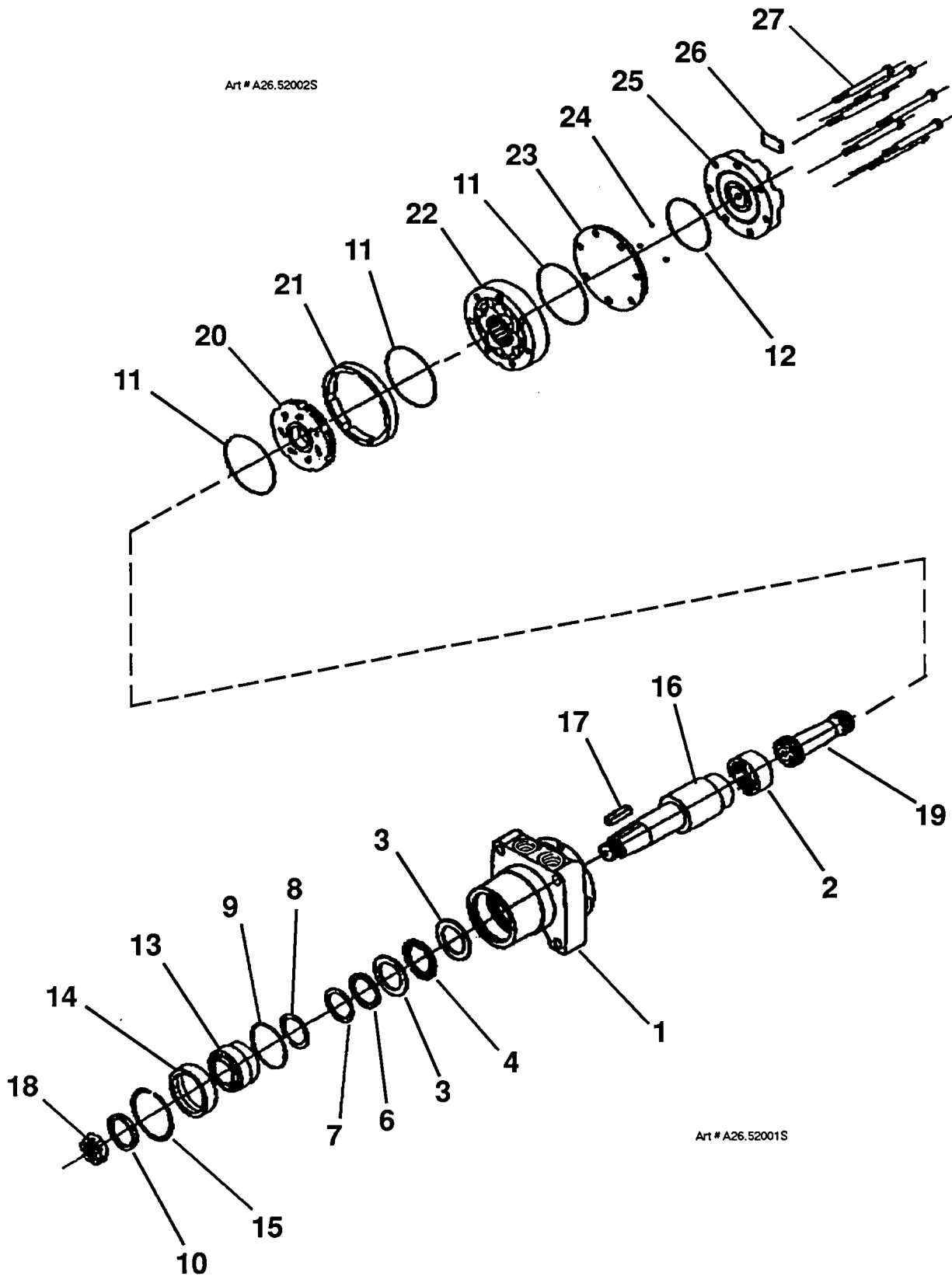
SIMON AERIALS INC.

REV. 03 MAY, 1993

PART
NO.

01-208100

Art # A26.52002S



Art # A26.52001S

TITLE

WHEEL MOTOR ASSEMBLY

SIMON AERIALS INC.

REV. 03 MAY, 1993

PART
NO.

01-208100

PLATE
NO.

26.53

PARTS LIST

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

TITLE

WHEEL MOTOR ASSEMBLY

PLATE
NO.

26.55

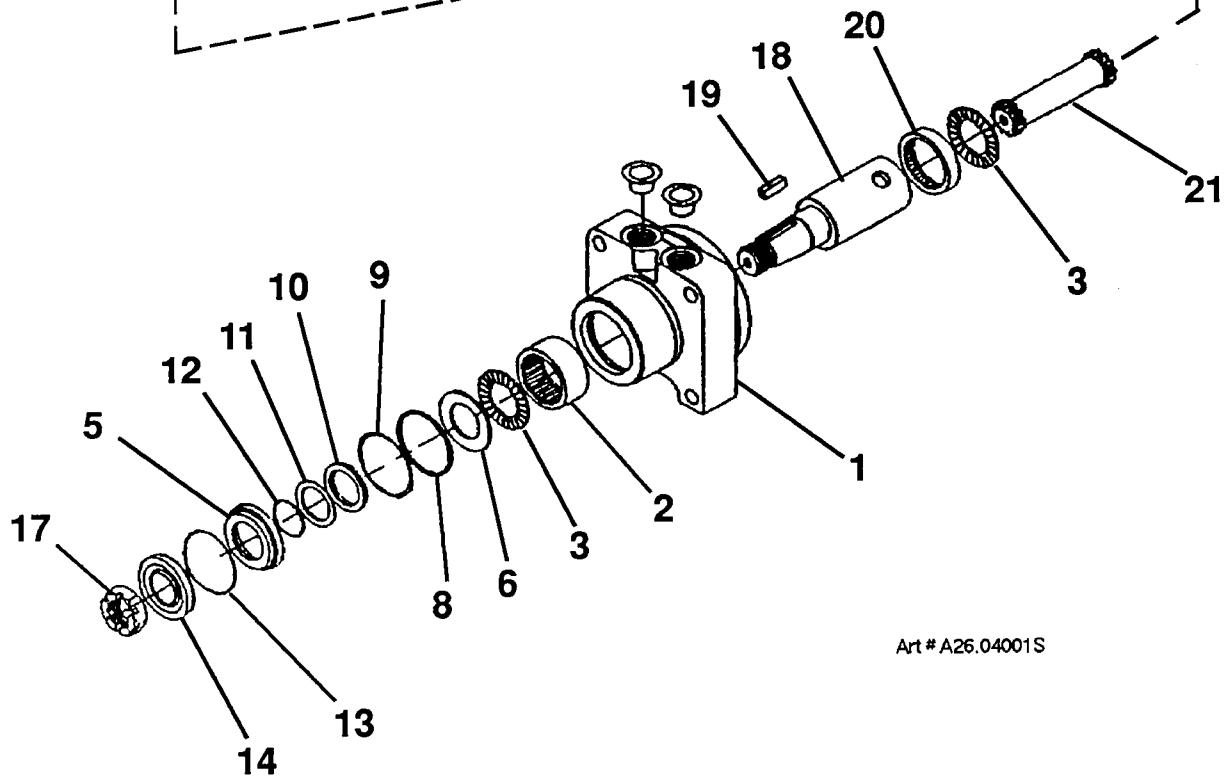
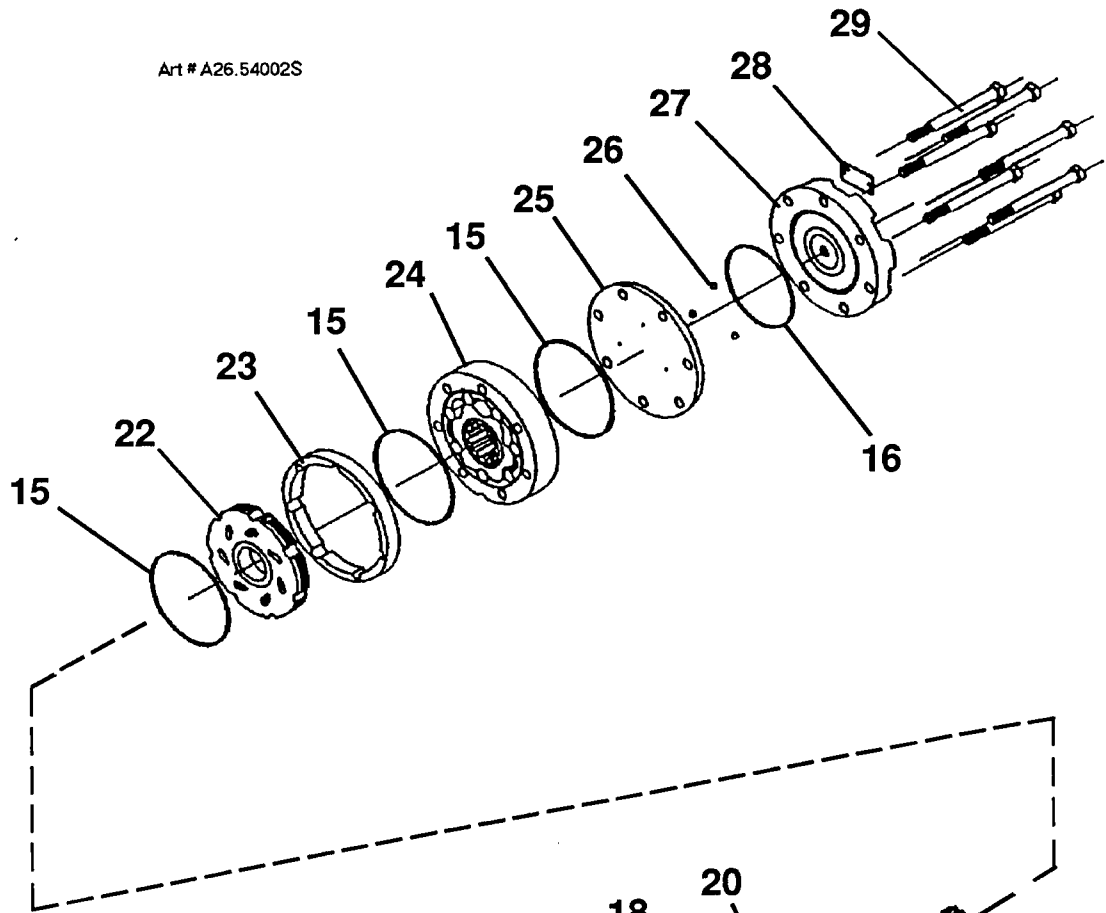
SIMON AERIALS INC.

NEW 23 OCT., 1992

PART
NO.

01-097300

Art # A26.54002S



Art # A26.04001S

TITLE

WHEEL MOTOR ASSEMBLY

SIMON AERIALS INC.

NEW 23 OCT., 1992

PART
NO.

01-097300

PLATE
NO.

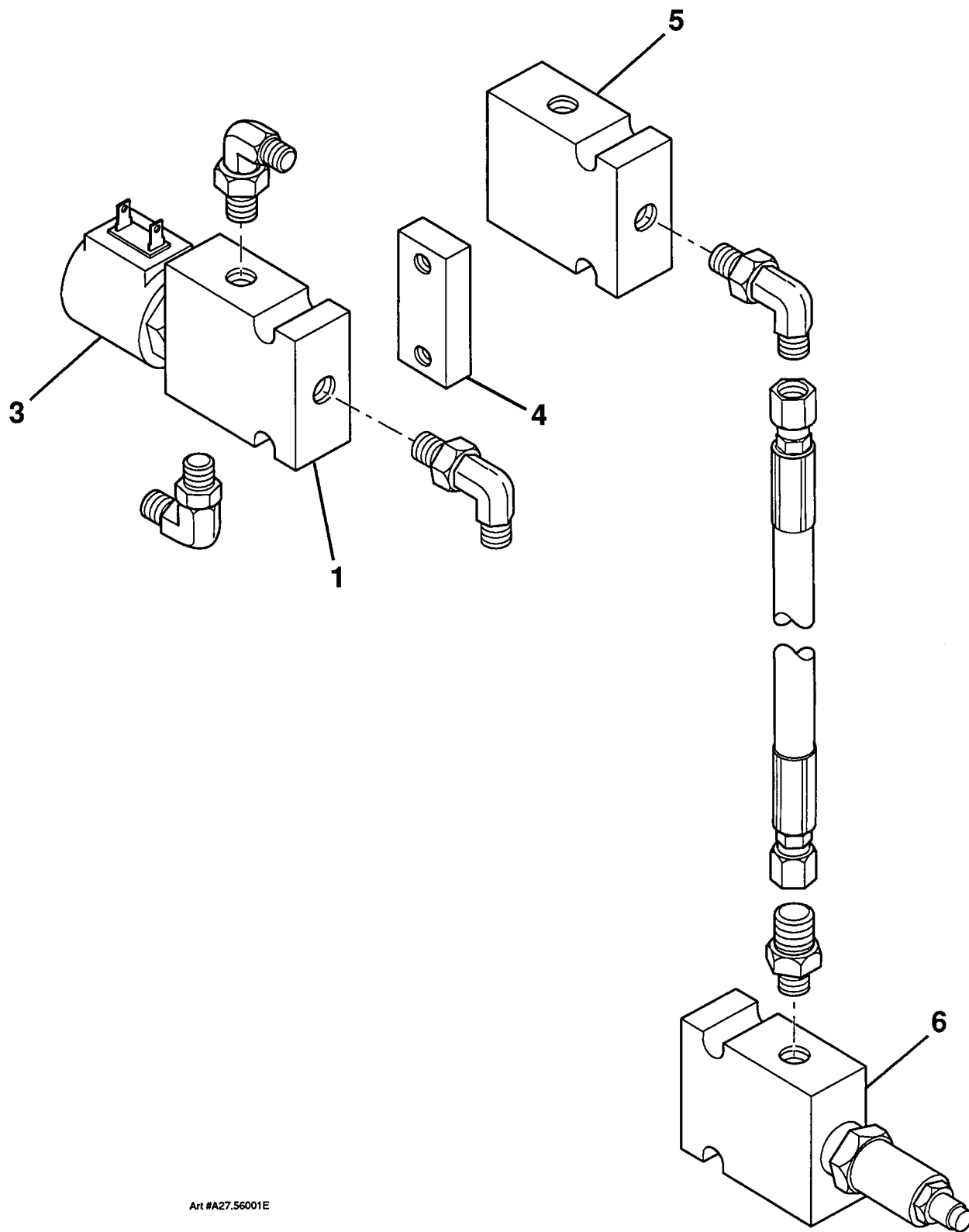
26.55

PARTS LIST

[illegible]

TITLE LOW SPEED FLOW DIVIDER VALVE ASSEMBLY, FALCON 2570

PLATE NO.	27.56	SIMON AERIALS INC.	NEW 17 NOV., 1992	PART NO.	3529050
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Art #A27.56001E

TITLE LOW SPEED FLOW DIVIDER VALVE ASSEMBLY, FALCON 2570

SIMON AERIALS INC.

NEW 17 NOV., 1992

PART
NO.

3529050

PLATE
NO.

27.56

PARTS LIST

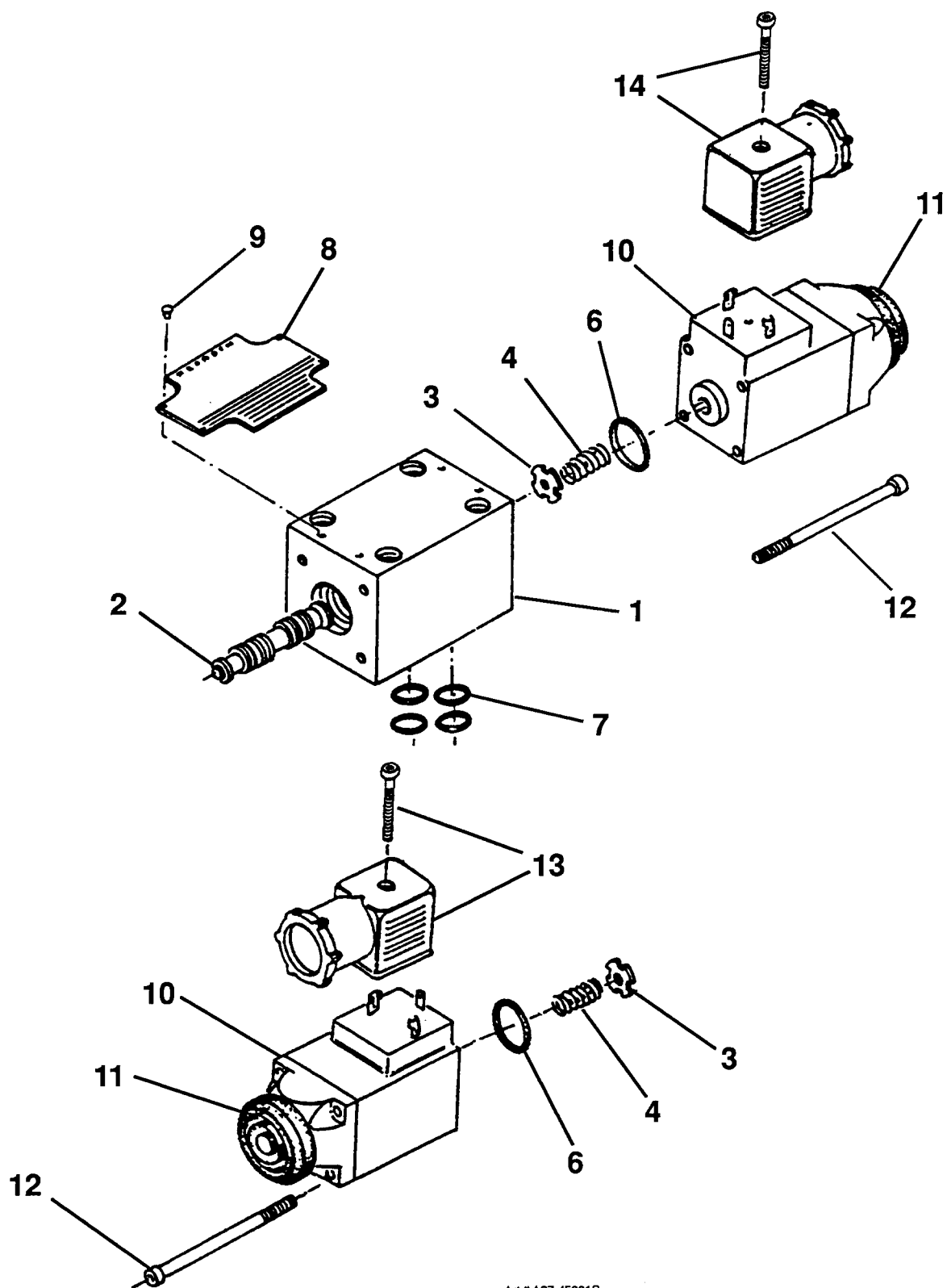
[illegible]

TITLE DIRECTIONAL SOLENOID VALVE ASSEMBLY, FALCON 2570

PLATE NO.	27.57	SIMON AERIALS INC.
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NEW 06 MAR., 1992

PART
NO.



Art # A27.45001S

TITLE DIRECTIONAL SOLENOID VALVE ASSEMBLY, FALCON 2570

SIMON AERIALS INC.

NEW 06 MAR., 1992

PART
NO.

PLATE
NO.

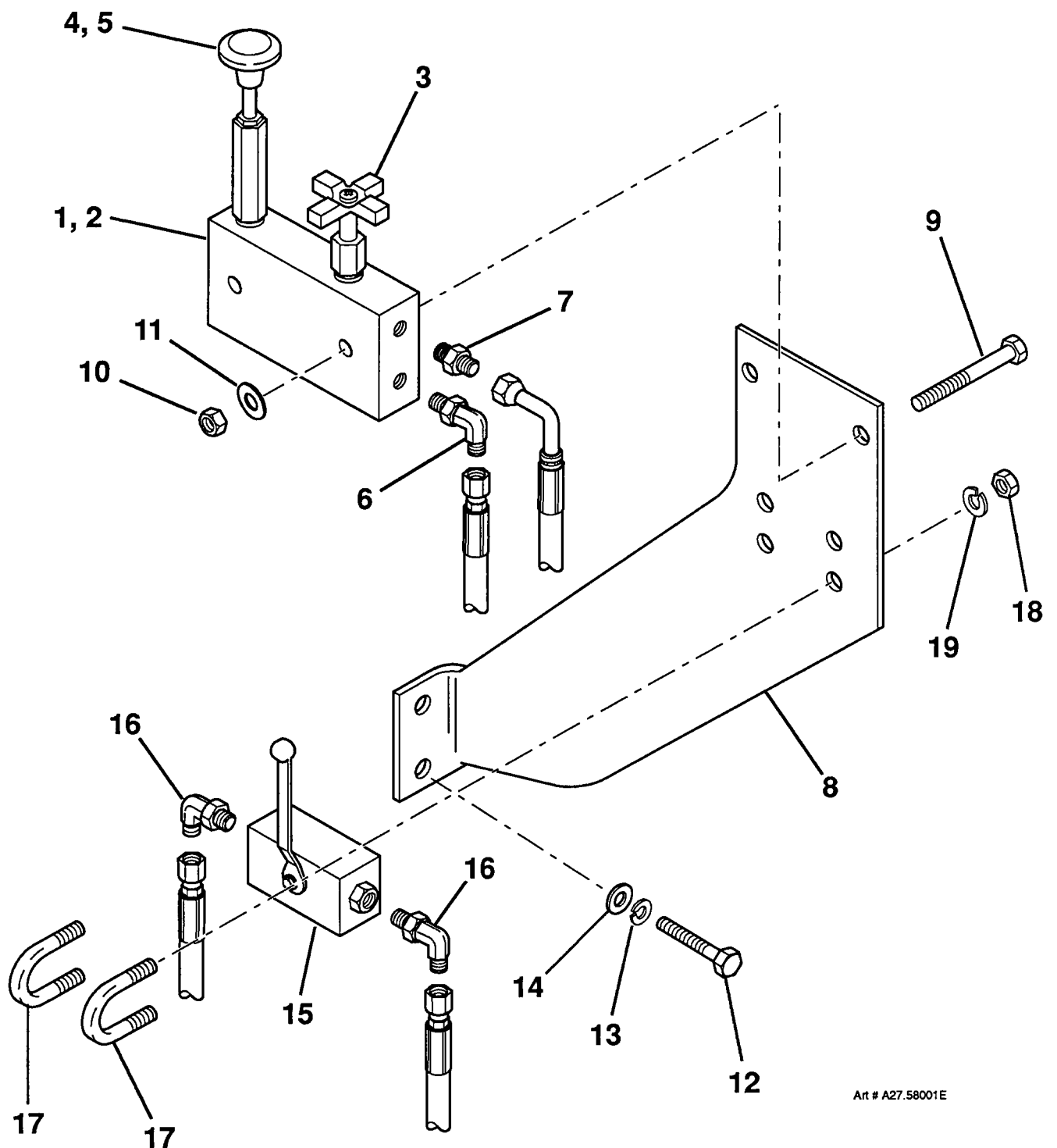
27.57

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	01-209800		MANIFOLD, BRAKE RELEASE	1
2			BODY, VALVE	1
3	01-209801		VALVE, NEEDLE	1
4			PUMP, HAND	1
5	01-209802		SEAL KIT, HAND PUMP	1
6	06-044600		ELBOW, STRAIGHT THREAD (6 C50X-S)	1
7	06-039800		CONNECTOR, STRAIGHT THREAD (6 F50X-S)	1
8	2195970		BRACKET, BRAKE RELEASE	1
9	07-003035		CAP SCREW, HEX HEAD (5/16"-18 x 3-1/2", Grade 5)	2
10	07-050015		NUT, HEX LOCK (5/16"-18, Grade 5)	2
11	07-062015		WASHER, FLAT (5/16")	2
12	07-003049		CAP SCREW, HEX HEAD (3/8"-16 x 2", Grade 5)	2
13	07-050016		NUT, HEX LOCK (3/8"-16, Grade 5)	2
14	07-062016		WASHER, FLAT (3/8")	2
15	01-210000		VALVE, BALL [9,000 PSI (632.79 Kg/ cm ²), (620.55 Bar)]	
			(with #4 SAE ports)	1
16	06-044500		ELBOW, STRAIGHT THREAD (6-4 C50X-S)	2
17	07-092400		"U"-BOLT (1/4"-20, 1" neck, 1-3/4" long)	2
18	07-050014		NUT, HEX LOCK (1/4"-20, Grade 5)	4
19	07-062014		WASHER, FLAT (1/4")	4
20	3520730		HOSE ASSEMBLY [16" (40.6 cm) long]	1
21	3528780		HOSE ASSEMBLY [16" (40.6 cm) long, with (1) 90° end]	1
22	3528940		HOSE ASSEMBLY [55" (1.4 M) long, with (1) 90° end]	1
23	06-054500		RUN TEE, SWIVEL NUT (6 R6X-S)	2
24	10-124600		DECAL, MANUAL BRAKE RELEASE	1

TITLE	BRAKE RELEASE VALVE ASSEMBLY, FALCON 2570
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PLATE NO.	27.58	SIMON AERIALS INC.	NEW 17 NOV., 1992	PART NO.	3529780
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Art # A27.58001E

TITLE BRAKE RELEASE VALVE ASSEMBLY, FALCON 2570

SIMON AERIALS INC.

NEW 17 NOV., 1992

PART
NO.

3529780

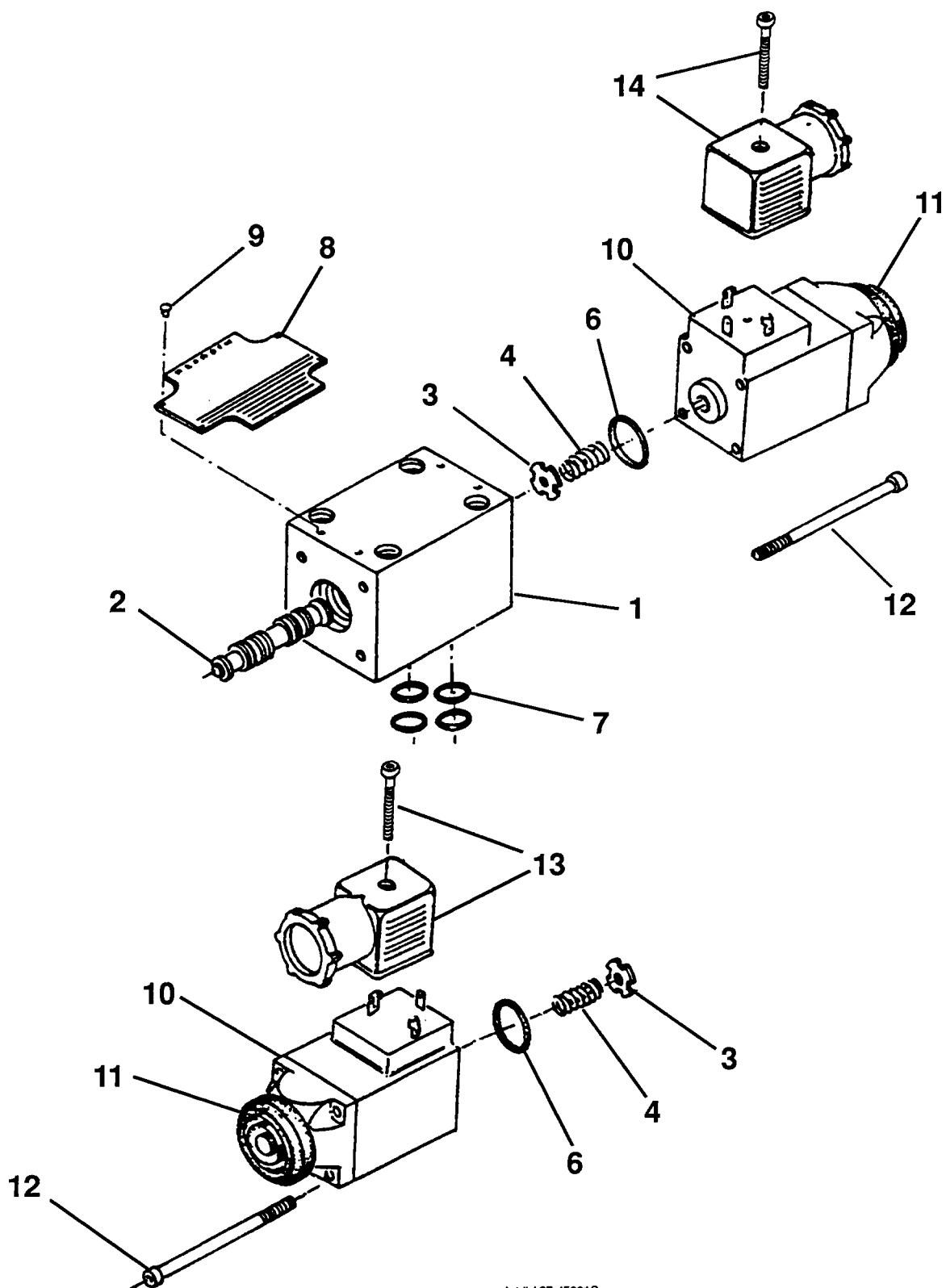
PLATE
NO.

27.58

[illegible]

TITLE		DIRECTIONAL SOLENOID VALVE ASSEMBLY, FALCON 2570	
PLATE NO.	27.59	SIMON AERIALS INC. NEW 17 NOV., 1992	PART NO. 01-203800

PLATE NO.	27.59	SIMON AERIALS INC.	NEW 17 NOV., 1992
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Art # A27.45001S

TITLE DIRECTIONAL SOLENOID VALVE ASSEMBLY, FALCON 2570

SIMON AERIALS INC.

NEW 17 NOV., 1992

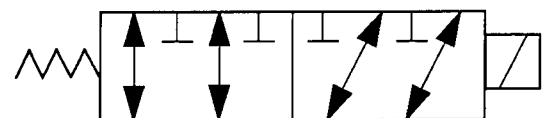
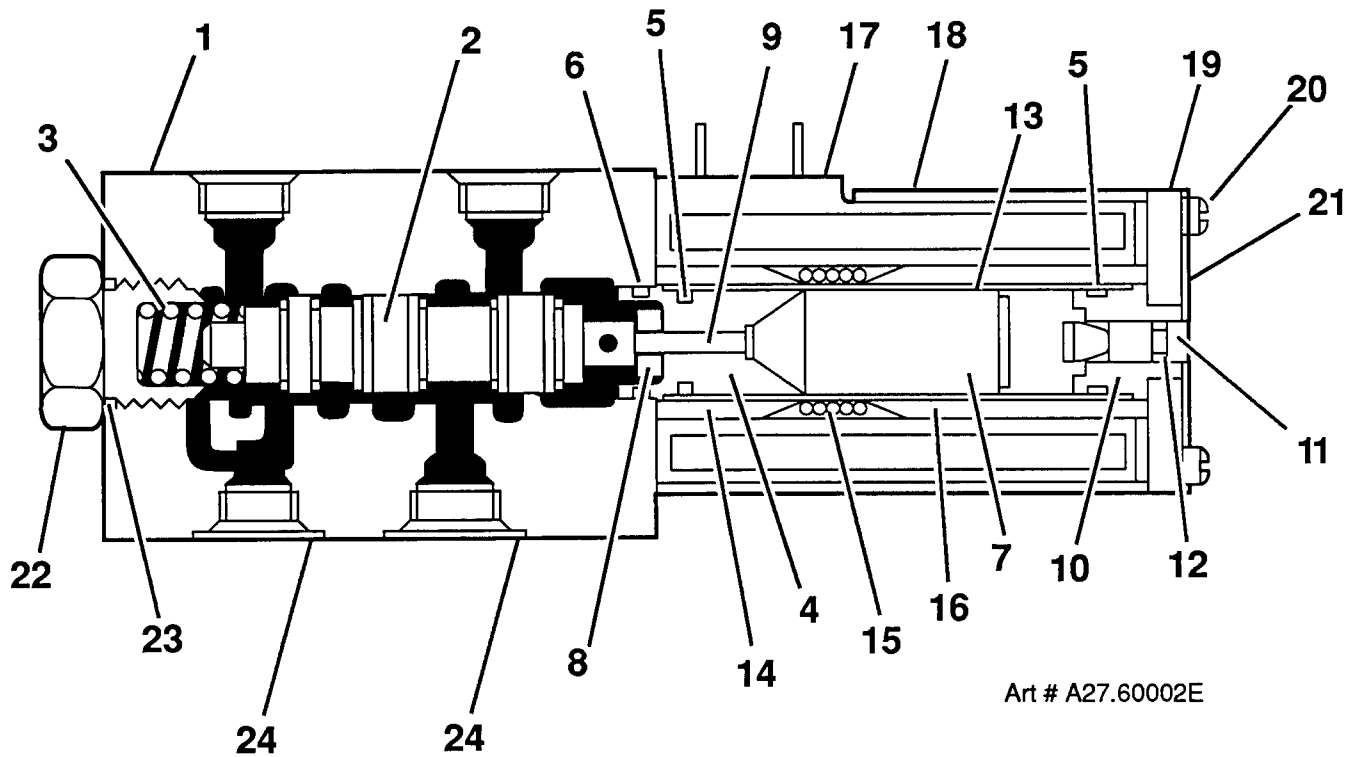
PART
NO.

01-203800

PLATE
NO.

27.59

[illegible]



Art # A27.60002E

TITLE

6-WAY, 2 POSITION SOLENOID VALVE

SIMON AERIALS INC.

NEW 17 NOV., 1992

PART
NO.

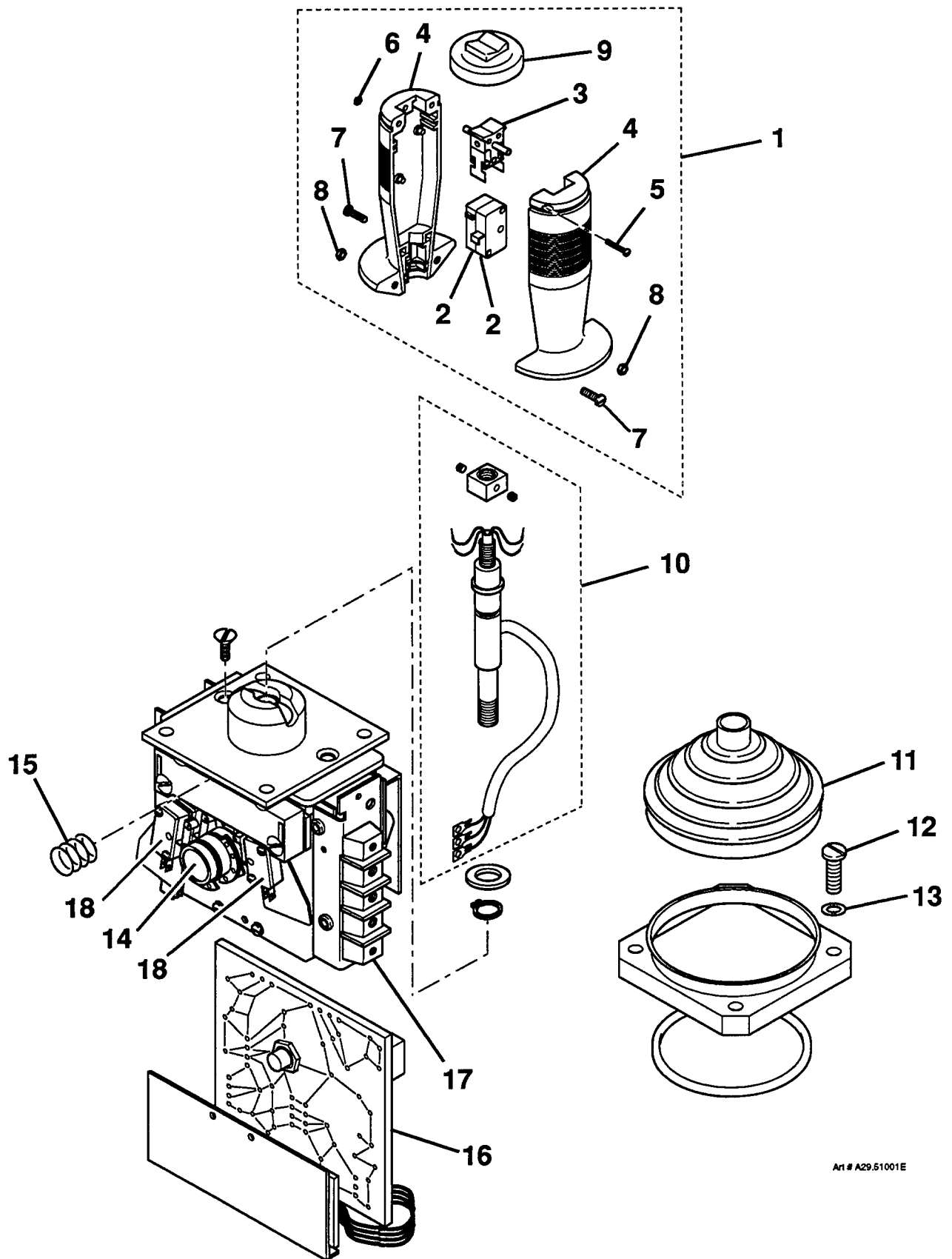
01-206600

PLATE
NO.

27.60

[illegible]

PLATE NO.	29.51	SIMON AERIALS INC.	NEW 13 APR., 1992	PART NO.	03-483000
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Art # A29.51001E

TITLE

DRIVE CONTROLLER ASSEMBLY (12 VOLT)

SIMON AERIALS INC.

NEW 13 APR., 1992

PART
NO.

03-483000

PLATE
NO.

29.51

PARTS LIST

[illegible]

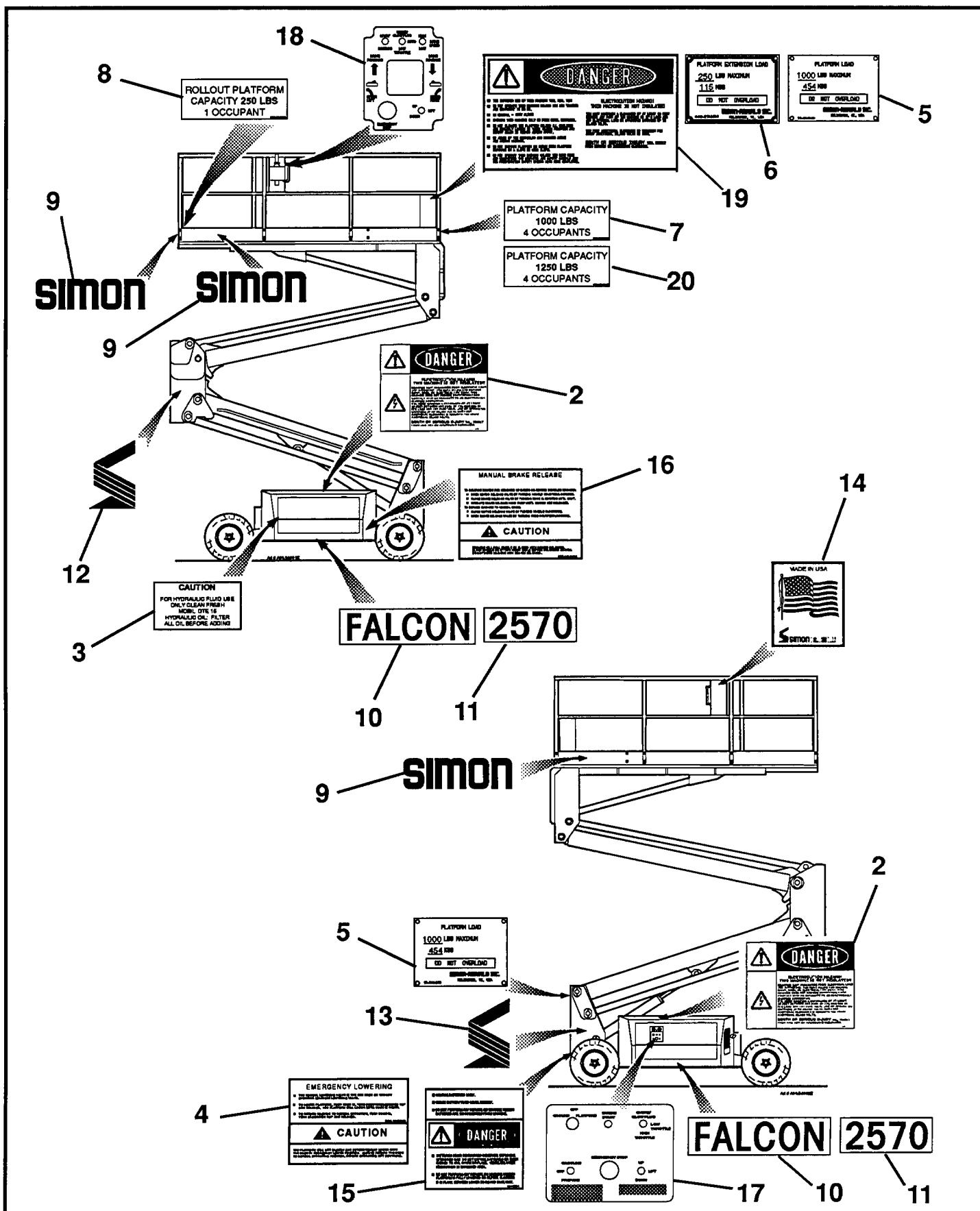
TITLE	DECALS. FALCON 2570
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PLATE NO. 99.54

SIMON AERIALS INC.

NEW 18 NOV., 1992

PART
NO.



TITLE

DECALS, FALCON 2570

SIMON AERIALS INC.

NEW 18 NOV., 1992

PART
NO.

PLATE
NO.

99.54

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	353 0850		DECAL KIT, FALCON 2570 (German) (includes items 2 thru 11)	1
2	10-140300		DECAL, "ACHTUNG, NOTABLASS . . ." (("Danger, Emergency lowering . . .", German language)	1
3	10-140200		DECAL, "ACHTUNG, MANUELLES BREMSLOSEN . . ." (("Danger, Manual brake release . . .", German language)	1
4	10-140700		DECAL, "MOTORLÖSEVENTIL . . ." (Hand pump, German language)	1
5	10-135400		DECAL, "Der aufenthalt . . . ist verboten" (Round) (("Stay out of operating zone", German language)	1
6	10-146500		DECAL, ". . . Max. Belastung 560 kg, 4 Personen . . ." (used on models without rollout deck)	2
7	10-135300		DECAL, ". . . Max. Belastung 450 kg, 4 Personen . . ." (used on models with rollout deck)	2
8	10-148100		DECAL, ". . . Max. Belastung 110 kg, 1 Person . . ." (used on models with rollout deck)	2
9	10-138100		DECAL, GROUND CONTROL (German language)	1
10	10-138200		DECAL, PLATFORM CONTROL (German language)	1
11	10-135200		DECAL, PLATFORM OPERATING INSTRUCTIONS (10 steps, German language)	1
12	10-012200		DECAL, "CAUTION: For hydraulic fluid . . . DTE 15"	1
13	10-083000		DECAL, "SIMON" NAME [4" (101 mm) high, black]	3
14	10-129300		DECAL, "FALCON" NAME	2
15	10-129600		DECAL, MODEL "2570"	1
16	10-131000		DECAL, SIMON "S" LOGO [Orange/ Gray, 5" (127 mm) wide x 7-1/2" (191 mm) high]	1
17	10-131900		DECAL, SIMON "S" LOGO [Orange/ Gray, 9" (221 mm) wide x 13-1/2" (344 mm) high]	1
18	10-126800		DECAL, STRIPING (bulk item, order as needed) [(4) Orange stripes, 3-3/4" (95 mm) wide]	A.R.
19	10-121600		DECAL, "MADE IN U.S.A."	1

TITLE DECALS, FALCON 2570 (GERMAN STANDARDS)

PLATE NO.

99.58

SIMON AERIALS INC.

NEW 27 OCT., 1992

PART NO.

