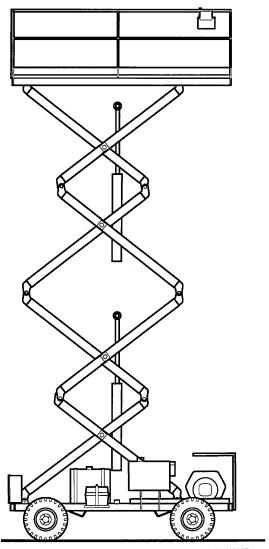
TEREX AERIALS Milwaukee, Wisconsin

SCISSORS 2515 G; 2515 RT

ILLUSTRATED PARTS CATALOG

FOR MACHINE SERIAL NUMBER



Art # A00.00903E

Part No. 89-921505 • Initial Issue dated December, 1996 •

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2515 G or 2515 RT SCISSORS ILLUSTRATED PARTS CATALOG

INTRODUCTION

This Illustrated Parts Catalog is designed to help you identify and order the correct replacement parts for use on SIMON 2515 G or 2515 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 2515 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:

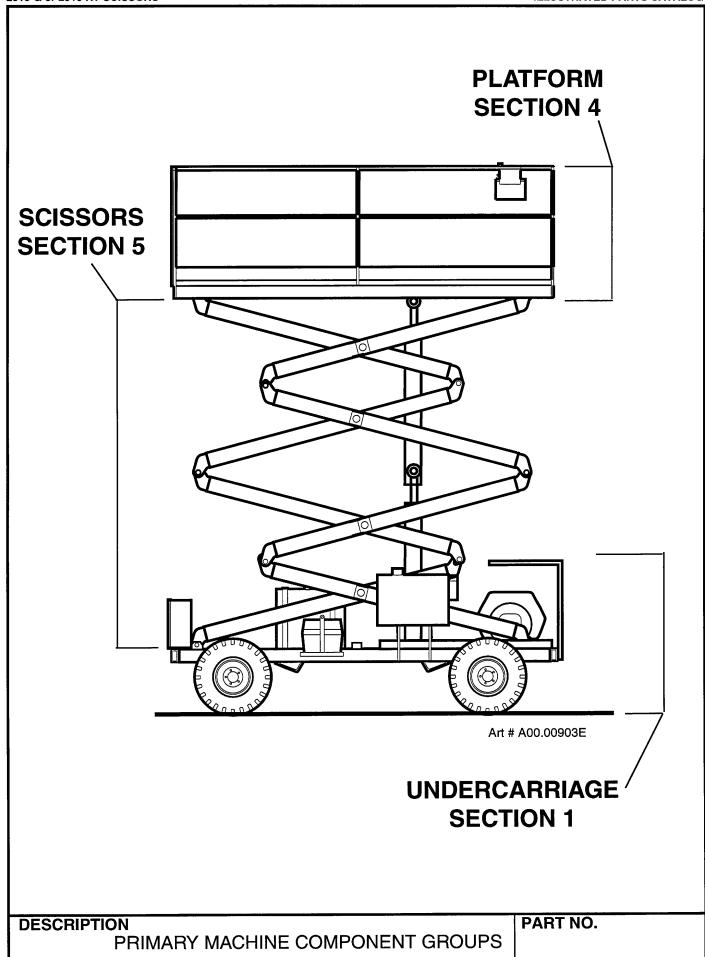
- 4. Parts Plate number, Item Number and Description of the desired item, OR
- 5. Part Number of the next assembly (Parent Part), if the desired item is not listed.

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

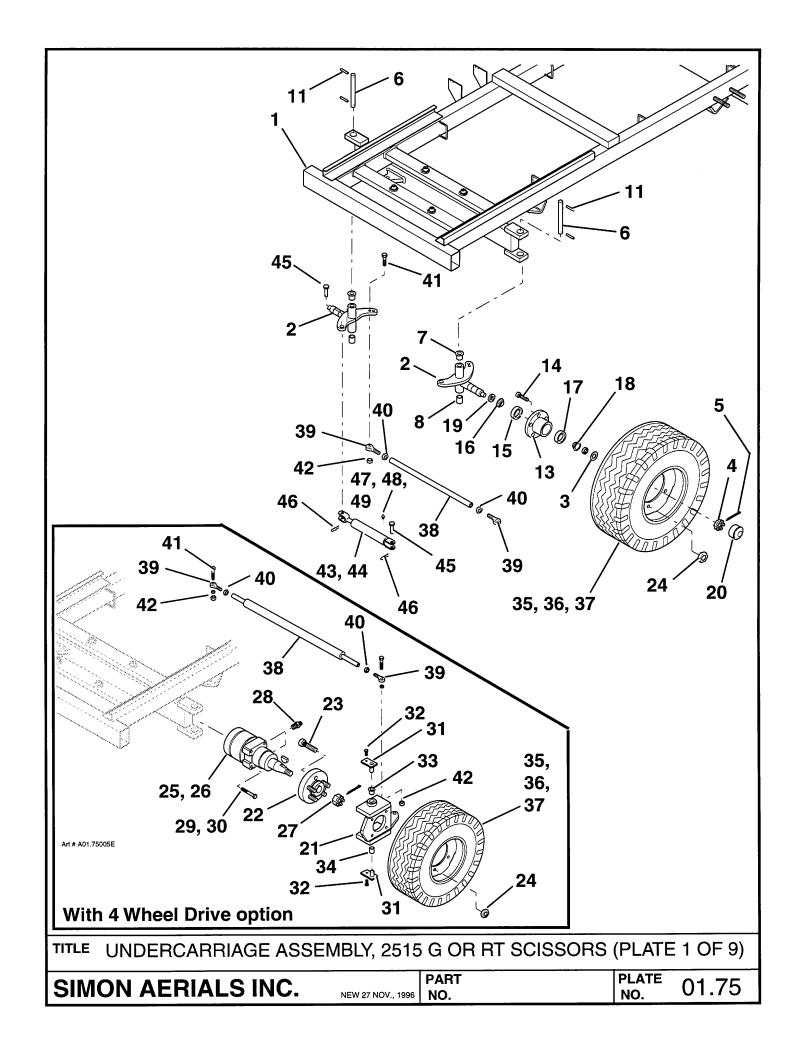
Left and right-hand, front and rear should be determined as though you are standing on the Platform, with the steering wheels to the front. All dimensions are in inches unless otherwise specified.

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

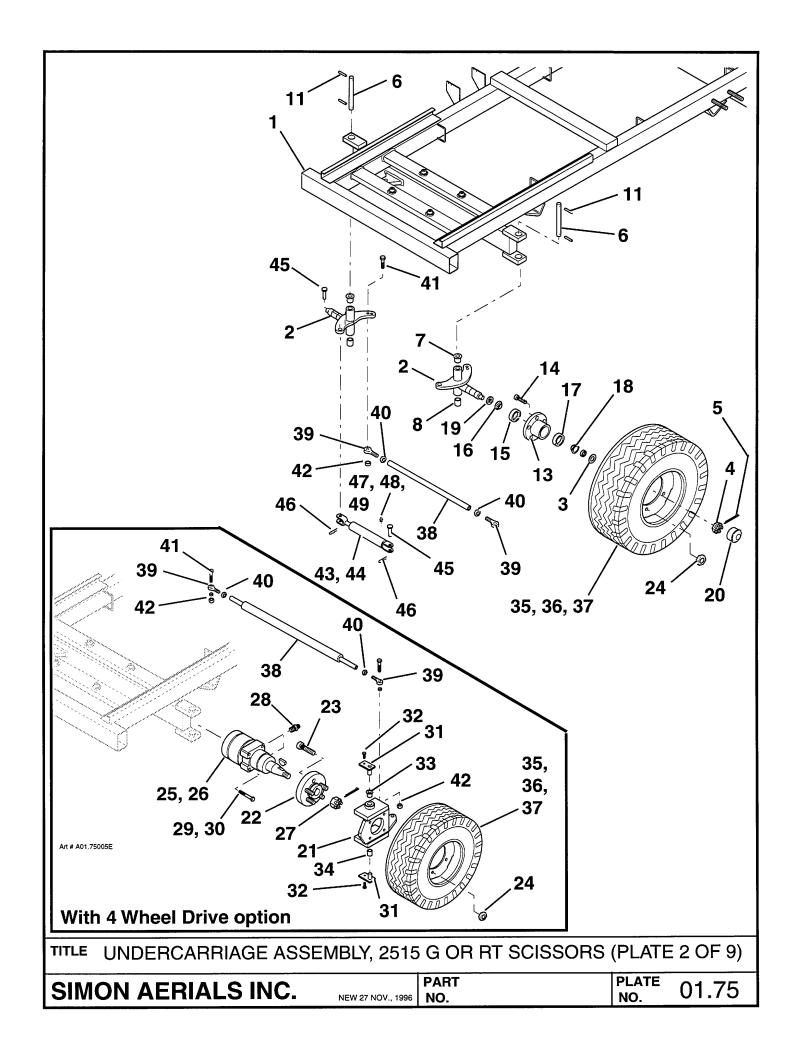
All SIMON AERIALS INC. manuals are periodically updated to reflect changes that occur in the equipment. Please contact Simon Aerials Technical Support Department with any questions you may have regarding your particular machine, or the availability of more recent manuals.



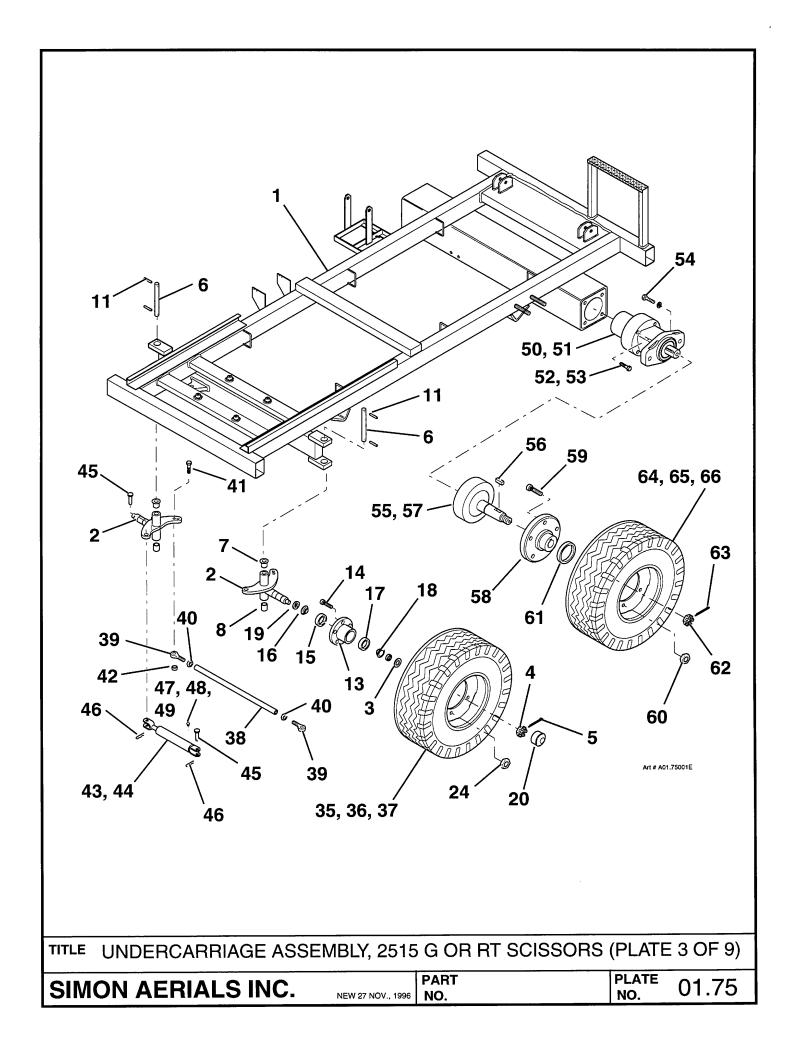
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1			CHASSIS WELDMENT, 2515 G OR 2515 RT SCISSORS	1		
			With Electro-Proportional Drive:			
	222 1680		Two-Wheel Drive			
	222 2220		Four-Wheel Drive			
2			SPINDLE WELDMENT (for 2 Wheel Drive versions)			
	222 8460		Right Hand Side	1		
	222 8470		Left Hand Side	1		
3	02-100301		WASHER, FLAT (0.81" I.D., 2.0" O.D.) (was 14-800140)	1		
4 5	07-050022 02-019502		NUT, LOCK (3/4"-10, Grade 5) PIN, COTTER (replaces 42-100919)	4		
6	221 8250		PIN, SPINDLE (King pin) (1" dia. x 9-1/4" long)	'		
U	ZZ 1 UZUU		(replaces 42-800148) (for 2WD versions)	2		
7	08-100300		BUSHING, SPINDLE PIN (Upper, flanged,	-		
	00 100000		1.00" I.D., 1.25" O.D., 0.75" long) (replaces 08-100200)	2		
8	08-060400		BUSHING, SPINDLE PIN (Lower, Oilite.			
			1.00" I.D., 1.25" O.D., 1.00" long) (replaces 26-101049)	2		
9	08-050000		FITTING, GREASE (1/8" NPT, straight)	2		
10	08-066300		CAP, GREASE FITTING (White plastic)	2		
11	07-100000		ROLL PIN (.31" x 2.0" long) (for 2WD versions)	4		
12	02-100400		HUB ASSEMBLY, WHEEL (front) (5 lug) (for 2WD versions)	2		
13	02-100401		HUB, WHEEL	1		
14	07-030598		STUD, WHEEL (front) (1/2"-20 x 1-7/8")	5		
15	02-100404		CUP, BEARING (Inner) (was 26-100908)	1		
16	02-100405		CONE AND ROLLER, BEARING (Inner)	4		
1 17	00 100400		(marked " LM48548 ") (was 26-100913) CUP, BEARING (Outer) (replaces 26-800141)	¦		
17 18	02-100402 02-100403		COP, BEARING (Outer) (replaces 20-800141) CONE AND ROLLER, BEARING (Outer)	'		
10	02-100403		(marked " LM67048 ") (was 26-100914)	4		
19	02-100406		SEAL, GREASE (was 34-800145)	-		
20	02-100407		CAP, DUST (2.25" dia.) (was 34-800137)	1		
21	221 8300		BRACKET, MOTOR MOUNTING (Right, for 4WD versions)	1		
-	221 8290		BRACKET, MOTOR MOUNTING (Left, for 4WD versions)	1		
22	221 6900		FLANGE, WHEEL MOUNTING (for 4WD versions)			
			(1-1/2" tapered bore) (includes studs and lug nuts)	2		
23	07-030598		STUD, WHEEL (front) (1/2"-20 x 1-7/8")			
			(replaces 48-800143)	5		
24	07-058118		NUT, LUG (front) (1/2"-20, Grade 8) (for 4WD versions)	5		
	07-058118		NUT, LUG (front) (1/2"-20, Grade 8) (for 2WD versions)	10		
TITLE	UNDERCA	RRIAGE	ASSEMBLY, 2515 G OR RT SCISSORS (PLATE 1 O	F 9)		
PLAT	F a . ==	01116	NA EDIAL O INO			
NO.	⁶ 01.75	SIMO	N AERIALS INC. NEW 27 NOV., 1996 NO.			



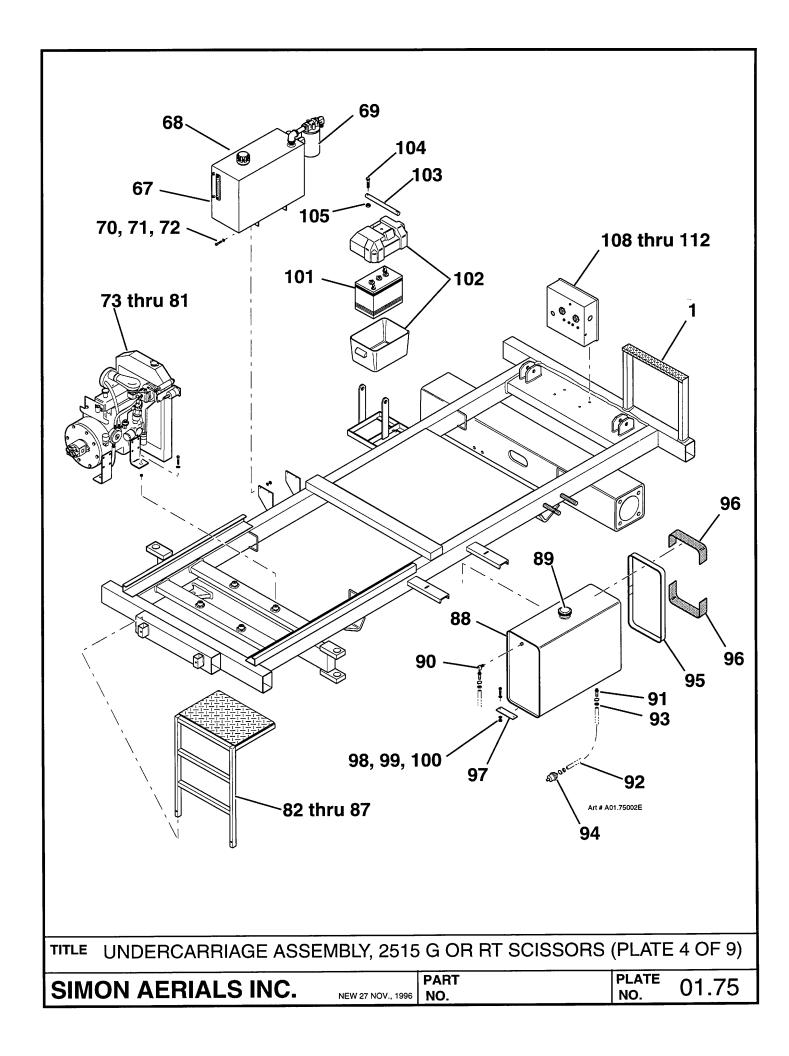
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
25	01-205400		MOTOR, FRONT DRIVE (for 4WD versions) (1.5" taper shaft)	1		
	04 005400	!	(marked "RE 32203100") (includes key and nut)	2		
26	01-205402		KEY, STEP (3/8" square, 1-1/8" long)	1		
27 28	01-205404 06-040300		NUT, CASTELLATED (1"-12)	1		
29	07-003093		ADAPTER, "O"-RING TO 37° (8-10 F5OX-S) (8MJ-10MB) CAP SCREW, HEX HEAD (1/2"-13 x 3", Grade 5)	4 8		
30	07-065018		WASHER, HELICAL LOCK (1/2")	8		
31	222 0150		PIN, MOTOR BRACKET RETAINING (Spindle Pin)	"		
			(for 4WD versions) (replaces 221 7240)	4		
32	07-104400		CAP SCREW, FLAT HEAD (1/2"-13 x 1", with locking pellet)	4		
33	08-077800		BUSHING, SPINDLE PIN (Upper, flanged.			
			1.00" I.D., 1.25" O.D., 1.0" long, 1.62" flange)			
24	00.000400		(replaces bushings 08-100200 or 08-100300, used earlier)	2		
34	08-060400		BUSHING, SPINDLE PIN (Lower, 1.00" I.D., 1.25" O.D., 1.0" long) (replaces 26-101049)	2		
			1.00 1.D., 1.25 O.D., 1.0 long) (replaces 26-101049)			
35			WHEEL AND TIRE ASSEMBLY (Front)	2		
	354 9330		Air Filled (standard)	-		
	354 9350		Foam Filled (optional)			
36	02-102500		WHEEL (12" x 10,5") (Front)	1		
37	02-105600		TIRE (26 x 12.5-12, "Super Terra Grip")	1		
35	354 3480		WHEEL AND TIRE ASSEMBLY (Front, Foam Filled) (opt.)	2		
36 37	32-101063 32-101042		WHEEL (14" x 6") (Front) TIRE (G78-14, " Gumbo Mini-Mudder ", 6 ply rated)	1 1		
37	32-101042		TINE (G76-14, Guillo Milli-Mudder, 6 ply rateu)	ı		
38	221 9410		ROD, TIE (43-1/2" [1.10 m) long)	1		
39	08-044400		END, TIE ROD (Marked "TM-10N") (with grease fitting)	•		
			(earlier version, marked "TM-10" had no grease fitting)	1		
	08-044500		END, TIE ROD (Marked "TML-10N") (with grease fitting)			
			(earlier version, marked "TML-10" had no grease fitting)	1		
40	07-047021		NUT, JAM (5/8"-18 NF)	1		
41	07-047221		NUT, JAM (5/8"-18 NF, L.H. thread) (replaces 12-100020) CAP SCREW, HEX HEAD	1		
71	07-003133		5/8"-11 x 3", Grade 5 (for 2WD versions)	2		
	07-003131		5/8"-11 x 2-1/2", Grade 5 (for 4WD versions)			
42	07-050021		NUT, LOCK (5/8"-11, Grade 5)	2		
TITLE			A SSEMBLY 2515 G OD DT SCISSODS (DI ATT 2 O	_ O/		
ONDERTORITION COLUMN ET, 2010 CONTINUO COLOCOTTO (1 EATE 2 OF 5)						
PLATE NO.	01.75	SIMO	N AERIALS INC. NEW 27 NOV., 1996 NO.			



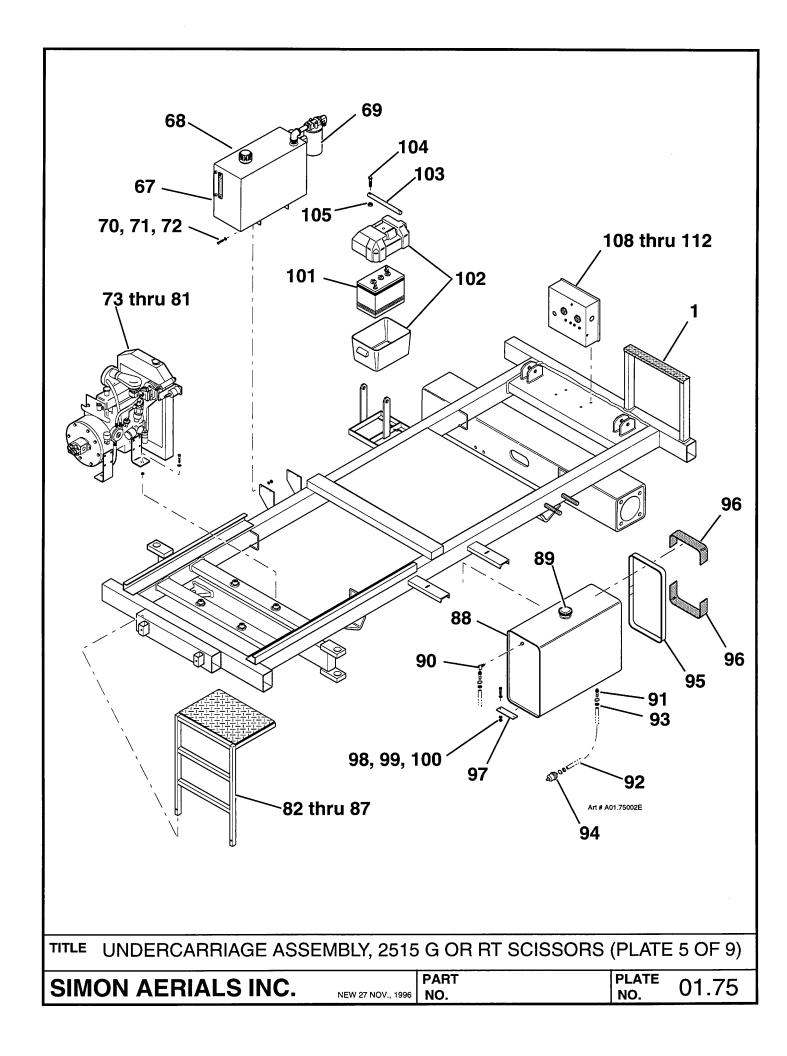
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
43	04-027700	11.54	CYLINDER, STEER (1-1/2" bore, 6" stroke)			
	04 007701		(replaces 20-800123)	1		
44 45	04-027701 223 1160		SEAL KIT, STEER CYLINDER PIN, STEER CYLINDER (3/4" dia.)	2		
46	04-027704		PIN, COTTER (Hairpin)	2		
47	06-309200		RESTRICTOR (.047" [1.19 mm] orifice) (replaces 24-100841)			
48	06-003500		90° ELBOW, MALE 37° TO NPT (4-4 CTX-S) (4MJ-4MP 90°)	1		
49	06-000400		CONNECTOR, MALE 37° TO NPT (4-4 FTX-S) (4MJ-4MP)	1		
50 51	01-108500 06-045000		MOTOR, DRIVE (1-1/4", 14 tooth spline, marked " RE-32 ") 90° ELBOW, "O"-RING TO 37° (8-10 C5OX-S)	2		
31	06-045000		(8MJ-10MB 90°)	4		
52	07-003095		CAP SCREW, HEX HEAD (1/2"-13 x 3-1/2", Grade 5)	7		
			(Motor to Chassis weldment)	8		
53	07-105500		WASHER, LOCK (1/2", heavy duty)	12		
54	07-003086		CAP SCREW, HEX HEAD (1/2"-13 x 1-1/4", Grade 5)	•		
55	01-110900		(Motor to Brake) BRAKE, DRIVE MOTOR (for 1-1/4" shaft, 14 tooth input	4		
JJ	01-110900		spline, 1-1/2" tapered output shaft) (replaces 01-108400)	2		
56	07-102300		KEY, WOODRUFF (3/8")	1		
57	06-044300		90° ELBOW, "O"-RING TO 37° (4 C5OX-S) (4MJ-4MB 90°)	2		
58	221 6900		FLANGE, WHEEL MOUNTING (Rear)			
E0	07-030598		(1-1/2" tapered bore) (includes studs and lug nuts)	2		
59	07-050596		STUD, WHEEL (rear) (1/2"-20 x 1-7/8") (replaces 48-800143)	5		
60	07-058118		NUT, LUG (front) (1/2"-20, Grade 8)	5		
61	221 9870		SPACER	2		
62	12-100918		NUT, CASTELLATED (1-1/8"-18)	2		
63	07-070507		PIN, COTTER (1/8" x 1-3/4")	2		
64			WHEEL AND TIRE ASSEMBLY (Rear)	2		
	354 9330		Air Filled (standard)			
	354 9350		Foam Filled (optional)			
65	02-102500		WHEEL (12" x 10,5") (Rear)	1		
66	02-105600		TIRE (26 x 12.5-12, "Super Terra Grip")	1		
64	354 3480		WHEEL AND TIRE ASSEMBLY (Rear, Foam Filled) (opt.)	2		
65	32-101063		WHEEL (14" x 6") (Rear)	1		
66	32-101042		TIRE (G78-14, "Gumbo Mini-Mudder", 6 ply rated)	1		
TITLE UNDERCARRIAGE ASSEMBLY, 2515 G OR RT SCISSORS (PLATE 3 OF 9)						
PLATE	01.75	SIMO	N AFRIALS INC.			
LNO.	NO. SIMON AERIALS INC. NEW 27 NOV., 1996 NO.					



PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
67	See Plate	24.60	TANK ASSEMBLY, HYDRAULIC	1		
68	01-097800		CAP ASSEMBLY, HYDRAULIC TANK			
69	01-081501		(includes 10 micron filter, breather and strainer) ELEMENT, FILTER, (Spin-on, 10 Micron)	1		
70			CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	4		
71			WASHER, FLAT (5/16")	8		
72	07-050015		NUT, LOCK (5/16"-18, Grade 5, Nylock)	4		
73		08	ENGINE	1		
74			PUMP, HYDRAULIC (0.671 in ³ [11 c.c.]/ rev.)	1		
75 76			CAP SCREW, HEX HEAD (3/8"-16 x 2", Grade 5) WASHER, HELICAL LOCK (3/8")	4		
77			WASHER, FLAT (3/8")	4		
78			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		
79			CAP SCREW, HEX HEAD (1/4"-20 x 1-1/4", Grade 5)	2		
80 81	07-065014 07-060014		WASHER, HELICAL LOCK (1/4") WASHER, FLAT (1/4")	2 2		
82	U7 000017		ENGINE SHIELD WELDMENT (option)	1		
	221 6810		with all engines except as listed below			
	223 0480		with Kubota Engine			
83	10-159300		KNOB (Black plastic. For access door)	2		
84 85	07-003003 07-065014		CAP SCREW, HEX HEAD (1/4"-20 x 3/4", Grade 5)	2		
86	07-003014		WASHER, HELICAL LOCK (1/4") CAP SCREW, HEX HEAD (3/8"-16 x 3/4", Grade 5)	2		
87	07-050016		NUT, LOCK (3/8"-16, Grade 5, Nylock)	2		
TITLE			ACCEMBLY SELECTED OF SCIENCES (DLATE 4 OF			
ONDERIOARITACE ACCEMBER, 2010 CONTROL CONTROL (1 LATE 4 OF 5)						
PLATI NO.	01.75	SIMO	NAERIALS INC. NEW 27 NOV., 1996 NO.			



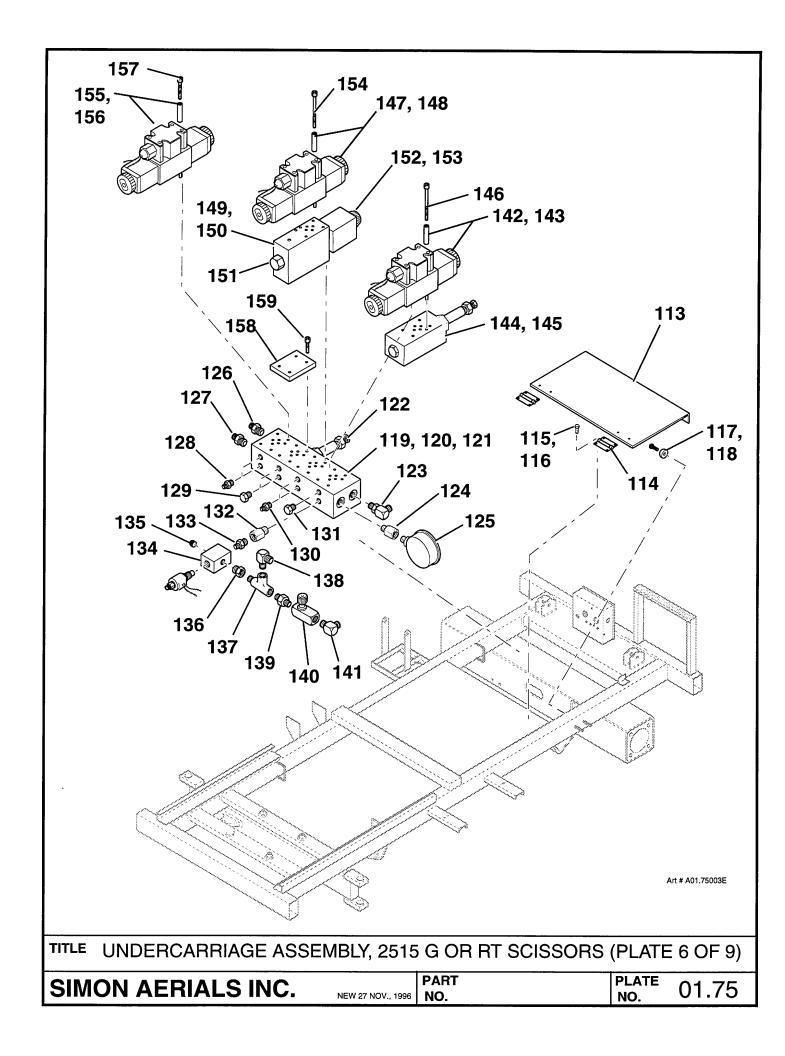
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
88	09-064600	 	TANK, FUEL (10.0 gal [38 L] capacity)	1		
89	10-001900		CAP, FUEL TANK (without Fuel Gauge) (earlier versions)	1		
- 66	09-081300		CAP, FUEL TANK (with Fuel Gauge) (later versions)	1		
90 91	09-062800 09-062900		90° ELBOW (Brass, 1/8") FITTING, HOSE (includes plastic washer)	1		
91	09-002900		(Brass, barbed, 5/16" I.D. hose, 1/4" male NPT)	2		
92	05-006400		HOSE, FUEL LINE (Bulk item, order as needed)	A.R.		
93	42-101251		CLAMP, HOSE (1/8" to 5/16")	3		
94	09-060100		FILTER, FUEL (in line)	1		
95			STRAP, FUEL TANK MOUNTING			
	200 1502		(Steel strapping, 1-1/4" x .031" thick)	A.R.		
96	223 1530		PAD, FUEL TANK MOUNTING STRAP	1		
97	221 4350		(Rubber, 2" x 18" x 1/8" thick) CLAMP, FUEL TANK	4 2		
98	07-003025		CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	4		
99	07-062015		WASHER, FLAT (5/16")	8		
100	07-050015		NUT, LOCK (5/16"-18, Grade 5, Nylock)	4		
101	03-610200		BATTERY (12 Volt DC, 520 CCA)	1		
102	03-600900		ENCLOSURE, BATTERY (Plastic. Includes box and cover.)			
103	222 4880		(was 42-402280) BAR, BATTERY LOCKING	1 1		
104	07-003006		CAP SCREW, HEX HEAD (1/4"-20 x 1-1/4", Grade 5)	2		
105	07-050014		NUT, LOCK (1/4"-20, Grade 5, Nylock)	2		
106	03-736700		CABLE, BATTERY (Positive) (Red, 162" [4.1 m] long)	1		
107	03-074000		CABLE, BATTERY (Negative) (Black, 9-3/4" [25 cm] long)	1		
108	See Plate	07	CONTROL BOX ASSEMBLY, GROUND ELECTRICAL	1		
109 110	07-003028		CAP SCREW, HEX HEAD (5/16"-18 x 1-3/4")	4		
111	07-065015 07-062015		WASHER, HELICAL LOCK (5/16") WASHER, FLAT (5/16")	4		
112			WASHER, EXTERNAL TOOTH LOCK (5/16") (for ground)	2		
TITLE	UNDERCA	RRIAGE	E ASSEMBLY, 2515 G OR RT SCISSORS (PLATE 5 O	F 9)		
PLAT	_	W-0W	LDADT			
NO.	[•] 01.75	SIMO	NAERIALS INC. NEW 27 NOV., 1996 NO.			



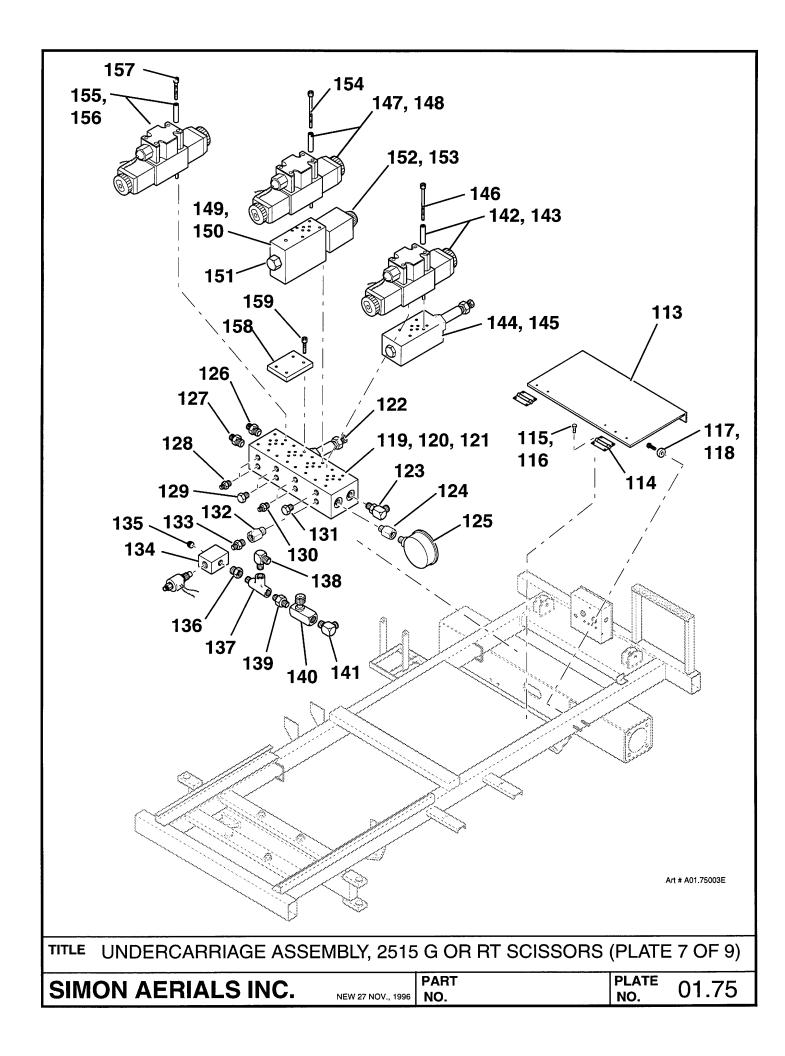
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
113		SECTION	COVER, VALVE	1		
114			HINGE (Plastic, 2.5" x 3")	2		
115	07-013414		MACHINE SCREW, ROUND HEAD (#10-32 x 1/2", Grade 2)	8		
116	07-050111		NUT, LOCK (#10-32, Grade 2, with Nylon insert)	8		
117			BUMPER, RUBBER (Recessed, 1" dia, .53" high)	2		
118			SCREW, SELF-TAP (#10-24 x 1", bonded sealing head)	2		
119			MANIFOLD, 4 STATION	1		
120 121			CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5) WASHER, HELICAL LOCK (5/16")	4		
122	CONTRACTOR		CARTRIDGE, PRESSURE RELIEF	4		
123			90° ELBOW, "O"-RING TO 37° (4-6 C5OX-S) (4MJ-6MB 90°)			
124			ADAPTER, "O"-RING TO FEMALE NPT			
			(6-1/4 F5OG-S) (6MB-4FP)	1		
125	01-021000	:	GÀUGE, HYDRÁÙLIC PREŚSURE			
			(0-4000 PSI [0-28,000 kPa]) (1/4" Male NPT)	1		
126			ADAPTER, "O"-RING TO 37° (10-6 F5OX-S) (6MB-10MJ)	1		
127			ADAPTER, "O"-RING TO 37° (8-6 F5OX-S) (6MB-8MJ)	1		
128	06-039500		ADAPTER, "O"-RING TO 37° (4-6 F5OX-S) (6MB-4MJ)	2		
129	24-100430		FITTING PLUC (6MP) (without entional Traylorging Dock)	2		
	24-100430		PLUG (6MB) (without optional Traversing Deck) FITTING (6MB) (with optional Traversing Deck)			
130	06-040200		ADAPTER, "O"-RING TO 37° (8-6 F50X-S) (6MB-8MJ)	2		
131	24-100430		PLUG (6MB)	1		
132	06-086600		ADAPTER, "O"-RING TO FEMALE NPT			
			(6-1/4 F5OG-S) (6MB-4FP)	1		
133	06-216500		REDUCER/ EXPANDER, MALE (4-6 NPT) (4MP-6MP)	1		
134	01-246800		VALVE, HOLDING (Lift cylinders)			
405	00.070000		(includes cartridge and coil) (was 16-800328)	1		
135			PLUG, HEX SOCKET NPT (3/8 HHP-S) (6MP)	4		
136 137	06-070700 06-074700		REDUCER, PIPE THREAD (3/8 x 1/4 PTR-S) (6MP-4FP) STREET TEE (1/4 MRO-S) (4MP-4FP-4FP)	1		
138			90° ELBOW, MALE 37° TO NPT (4-4 CTX-S) (4MP-4MJ 90°)	1		
139			NIPPLE, PIPE THREAD (1/4 FF-S) (4MP-4MP)	1		
140			VALVE, 2-WAY FLOW CONTROL (Lift cylinders)			
			(replaces 16-700215)	1		
141	06-003800		90° ELBOW, MALE 37° TO NPT (6 CTX-S) (4MP-6MJ 90°)	1		
TITLE	LINDERCA	RRIAGE	ASSEMBLY 2515 G OR BT SCISSORS (PLATE 6 O	F 9)		

TITLE UNDERCARRIAGE ASSEMBLY, 2515 G OR RT SCISSORS (PLATE 6 OF 9)

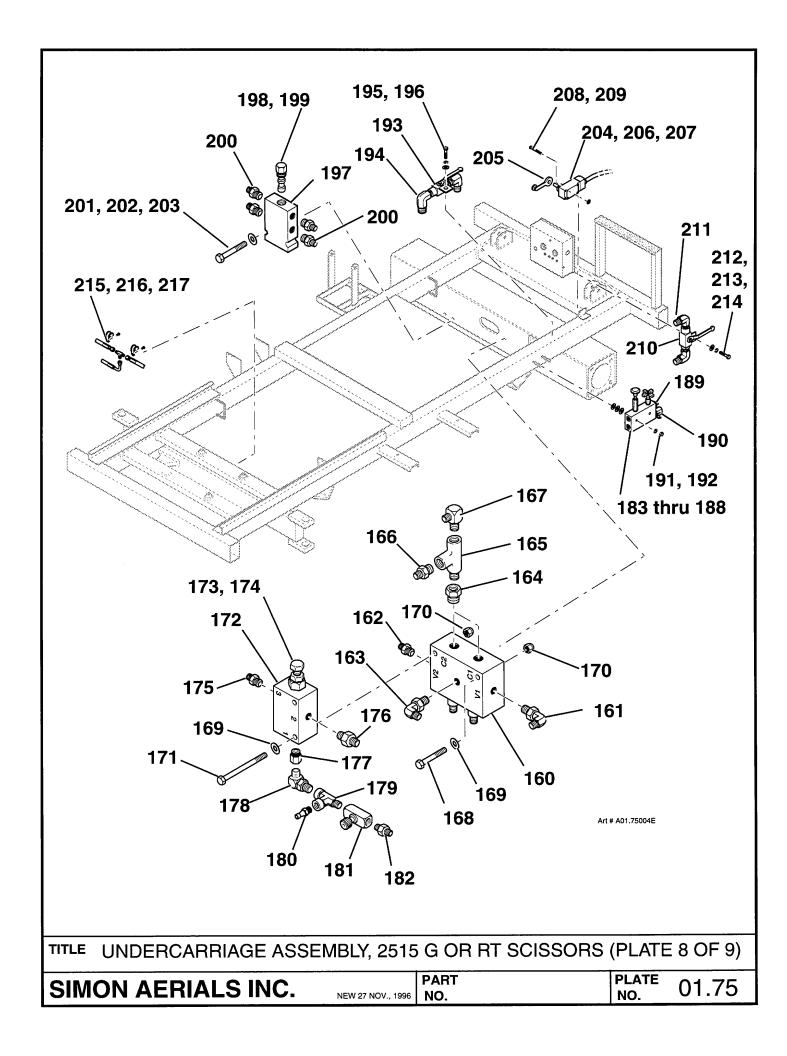
PLATE NO. 01.75 SIMON AERIALS INC. NEW 27 NOV., 1996 NO.



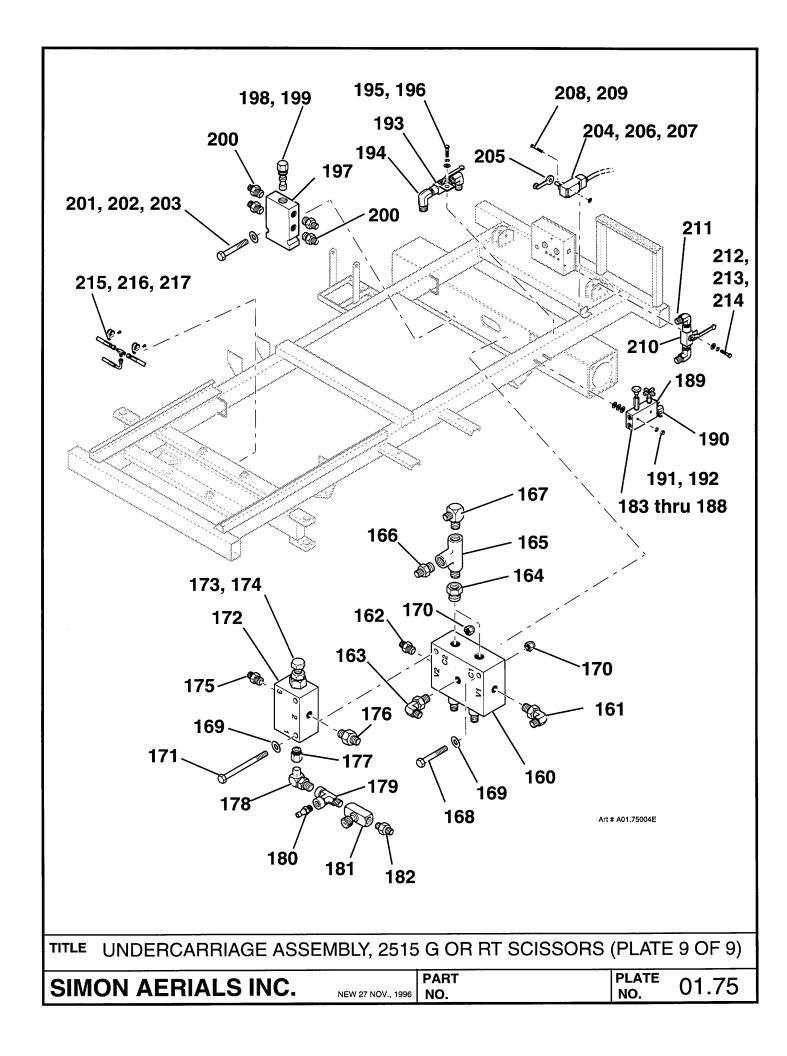
	PARTS LIST						
142 01-109300 VALVE, DIRECTIONAL (Lift/ Lower) (D03) 143 01-109301 COIL, LIFT/ LOWER VALVE (12 Volt DC) 144 01-113400 VALVE, RELIEF ("Sandwich" Valve. Pilot operated) 145 01-113401 CARTRIDGE, PRESSURE RELIEF 146 07-008360 CAP SCREW, HEX SOCKET HEAD 147 01-109500 VALVE, DIRECTIONAL (Drive Forward/ Reverse) (D03) 148 01-109501 COIL, DRIVE VALVE (12 Volt DC) 149 01-105400 VALVE, DIRECTIONAL (Drive Forward/ Reverse) (D03) 150 01-105400 VALVE, PROPORTIONAL FLOW (10 gpm [42 L/ min]) 151 01-105401 SEAL KIT, PROPORTIONAL VALVE (marked "CP700-2L-B-0-15D") CARTRIDGE, PROPORTIONAL FLOW VALVE (marked "CP550-30-B-5-12D") COIL, PROPORTIONAL FLOW VALVE (marked "D14-68P-28", 12 Volt DC, 2 Amp) CAP SCREW, HEX SOCKET HEAD (#10-24 x 5", Grade 8) VALVE, DIRECTIONAL (Steer) (D03) 155 01-109401 COIL, STEER VALVE (12 Volt DC) 157 07-008354 CAP SCREW, HEX SOCKET HEAD (#10-24 x 1-1/4", Grade 8) PLATE, BLANKING CAP SCREW, HEX SOCK	ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
144 01-113400 VALVE, RELIEF ("Sandwich" Valve. Pilot operated) 145 01-113401 CARTRIDGE, PRESSURE RELIEF 146 07-008360 CAP SCREW, HEX SOCKET HEAD (#10-24 x 2-3/4", Grade 8) (#10-109500 148 01-109501 VALVE, DIRECTIONAL (Drive Forward/ Reverse) (D03) 149 01-105400 VALVE, PROPORTIONAL FLOW (10 gpm [42 L/ min]) 150 01-105404 SEAL KIT, PROPORTIONAL VALVE 151 01-105401 VALVE, DIFFERENTIAL CONTROL (marked "CP700-2L-B-0-15D") CARTRIDGE, PROPORTIONAL FLOW VALVE (marked "CP50-30-B-5-12D") COIL, PROPORTIONAL FLOW VALVE (marked "D14-68P-28", 12 Volt DC, 2 Amp) CAP SCREW, HEX SOCKET HEAD (#10-24 x 5", Grade 8) VALVE, DIRECTIONAL (Steer) (D03) 155 01-109401 COIL, STEER VALVE (12 Volt DC) 157 07-008354 CAP SCREW, HEX SOCKET HEAD 158 16-100027 PLATE, BLANKING 159 07-008350 CAP SCREW, HEX SOCKET HEAD					1		
145 01-113401 CARTRIDGE, PRESSURE RELIEF 146 07-008360 CAP SCREW, HEX SOCKET HEAD (#10-24 x 2-3/4", Grade 8) (#10-109500 148 01-109501 VALVE, DIRECTIONAL (Drive Forward/ Reverse) (D03) 149 01-105400 COIL, DRIVE VALVE (12 Volt DC) 150 01-105404 SEAL KIT, PROPORTIONAL FLOW (10 gpm [42 L/ min]) 151 01-105401 SEAL KIT, PROPORTIONAL VALVE (marked "CP700-2L-B-0-15D") CARTRIDGE, PROPORTIONAL FLOW VALVE (marked "CP550-30-B-5-12D") COIL, PROPORTIONAL FLOW VALVE (marked "D14-68P-28", 12 Volt DC, 2 Amp) CAP SCREW, HEX SOCKET HEAD (#10-24 x 5", Grade 8) VALVE, DIRECTIONAL (Steer) (D03) 155 01-109401 COIL, STEER VALVE (12 Volt DC) 156 01-109401 COIL, STEER VALVE (12 Volt DC) 157 07-008354 CAP SCREW, HEX SOCKET HEAD 158 16-100027 PLATE, BLANKING 159 07-008350 CAP SCREW, HEX SOCKET HEAD					2		
146 07-008360 CAP SCREW, HEX SOCKET HEAD 147 01-109500 VALVE, DIRECTIONAL (Drive Forward/ Reverse) (D03) 148 01-109501 COIL, DRIVE VALVE (12 Volt DC) 149 01-105400 VALVE, PROPORTIONAL FLOW (10 gpm [42 L/ min]) 150 01-105404 SEAL KIT, PROPORTIONAL VALVE 151 01-105401 VALVE, DIFFERENTIAL CONTROL (marked "CP700-2L-B-0-15D") 152 01-105402 CARTRIDGE, PROPORTIONAL FLOW VALVE (marked "CP550-30-B-5-12D") 153 01-105405 COIL, PROPORTIONAL FLOW VALVE (marked "D14-68P-28", 12 Volt DC, 2 Amp) 154 07-008369 CAP SCREW, HEX SOCKET HEAD (#10-24 x 5", Grade 8) 155 01-109400 VALVE, DIRECTIONAL (Steer) (D03) 156 01-109401 COIL, STEER VALVE (12 Volt DC) 157 07-008354 CAP SCREW, HEX SOCKET HEAD 158 16-100027 PLATE, BLANKING 159 07-008350 CAP SCREW, HEX SOCKET HEAD					1		
(#10-24 x 2-3/4", Grade 8) 147 01-109500 VALVE, DIRECTIONAL (Drive Forward/ Reverse) (D03) 148 01-109501 COIL, DRIVE VALVE (12 Volt DC) 149 01-105400 VALVE, PROPORTIONAL FLOW (10 gpm [42 L/ min]) 150 01-105404 SEAL KIT, PROPORTIONAL VALVE 151 01-105401 VALVE, DIFFERENTIAL CONTROL (marked "CP700-2L-B-0-15D") 152 01-105402 CARTRIDGE, PROPORTIONAL FLOW VALVE (marked "CP550-30-B-5-12D") 153 01-105405 COIL, PROPORTIONAL FLOW VALVE (marked "D14-68P-28", 12 Volt DC, 2 Amp) 154 07-008369 CAP SCREW, HEX SOCKET HEAD (#10-24 x 5", Grade 8) 155 01-109400 VALVE, DIRECTIONAL (Steer) (D03) 156 01-109401 COIL, STEER VALVE (12 Volt DC) 157 07-008354 CAP SCREW, HEX SOCKET HEAD (#10-24 x 1-1/4", Grade 8) 158 16-100027 PLATE, BLANKING CAP SCREW, HEX SOCKET HEAD 159 07-008350 CAP SCREW, HEX SOCKET HEAD					1		
147 01-109500 VALVE, DIRECTIONAL (Drive Forward/ Reverse) (D03) 148 01-109501 COIL, DRIVE VALVE (12 Volt DC) 149 01-105400 VALVE, PROPORTIONAL FLOW (10 gpm [42 L/ min]) 150 01-105404 SEAL KIT, PROPORTIONAL VALVE 151 01-105401 VALVE, DIFFERENTIAL CONTROL (marked "CP700-2L-B-0-15D") CARTRIDGE, PROPORTIONAL FLOW VALVE (marked "CP550-30-B-5-12D") COIL, PROPORTIONAL FLOW VALVE (marked "D14-68P-28", 12 Volt DC, 2 Amp) CAP SCREW, HEX SOCKET HEAD 154 07-008369 VALVE, DIRECTIONAL (Steer) (D03) 155 01-109400 VALVE, DIRECTIONAL (Steer) (D03) 156 01-109401 COIL, STEER VALVE (12 Volt DC) 157 07-008354 CAP SCREW, HEX SOCKET HEAD 158 16-100027 PLATE, BLANKING 159 07-008350 CAP SCREW, HEX SOCKET HEAD	140	07-006360			4		
148	147	01-109500			1		
149 01-105400 VALVE, PROPORTIONAL FLOW (10 gpm [42 L/ min]) 150 01-105404 SEAL KIT, PROPORTIONAL VALVE 151 01-105401 VALVE, DIFFERENTIAL CONTROL (marked "CP700-2L-B-0-15D") 152 01-105402 CARTRIDGE, PROPORTIONAL FLOW VALVE (marked "CP550-30-B-5-12D") 153 01-105405 COIL, PROPORTIONAL FLOW VALVE (marked "D14-68P-28", 12 Volt DC, 2 Amp) 154 07-008369 CAP SCREW, HEX SOCKET HEAD (#10-24 x 5", Grade 8) 155 01-109400 VALVE, DIRECTIONAL (Steer) (D03) COIL, STEER VALVE (12 Volt DC) 157 07-008354 CAP SCREW, HEX SOCKET HEAD (#10-24 x 1-1/4", Grade 8) 158 16-100027 (#10-24 x 1-1/4", Grade 8) 159 07-008350 CAP SCREW, HEX SOCKET HEAD				· · · · · · · · · · · · · · · · · · ·	2		
151 01-105401 VALVE, DIFFERENTIAL CONTROL (marked "CP700-2L-B-0-15D") 152 01-105402 CARTRIDGE, PROPORTIONAL FLOW VALVE (marked "CP550-30-B-5-12D") COIL, PROPORTIONAL FLOW VALVE (marked "D14-68P-28", 12 Volt DC, 2 Amp) CAP SCREW, HEX SOCKET HEAD (#10-24 x 5", Grade 8) VALVE, DIRECTIONAL (Steer) (D03) COIL, STEER VALVE (12 Volt DC) CAP SCREW, HEX SOCKET HEAD (#10-24 x 1-1/4", Grade 8) 158 16-100027 PLATE, BLANKING CAP SCREW, HEX SOCKET HEAD CAP S	149	01-105400			1		
(marked "CP700-2L-B-0-15D") 152					1		
152 01-105402 CARTRIDGE, PROPORTIONAL FLOW VALVE (marked "CP550-30-B-5-12D") 153 01-105405 COIL, PROPORTIONAL FLOW VALVE (marked "D14-68P-28", 12 Volt DC, 2 Amp) 154 07-008369 CAP SCREW, HEX SOCKET HEAD (#10-24 x 5", Grade 8) 155 01-109400 VALVE, DIRECTIONAL (Steer) (D03) 156 01-109401 COIL, STEER VALVE (12 Volt DC) 157 07-008354 CAP SCREW, HEX SOCKET HEAD 158 16-100027 PLATE, BLANKING 159 07-008350 CAP SCREW, HEX SOCKET HEAD	151	01-105401					
(marked "CP550-30-B-5-12D") COIL, PROPORTIONAL FLOW VALVE (marked "D14-68P-28", 12 Volt DC, 2 Amp) CAP SCREW, HEX SOCKET HEAD (#10-24 x 5", Grade 8) VALVE, DIRECTIONAL (Steer) (D03) COIL, STEER VALVE (12 Volt DC) CAP SCREW, HEX SOCKET HEAD (#10-24 x 1-1/4", Grade 8) (#10-24 x 1-1/4", Grade 8) PLATE, BLANKING CAP SCREW, HEX SOCKET HEAD	150	01 105402		,			
153 01-105405 COIL, PROPORTIONAL FLOW VALVE	132	01-103402		, ·	1		
(marked "D14-68P-28", 12 Volt DC, 2 Amp) 154 07-008369 CAP SCREW, HEX SOCKET HEAD	153	01-105405		,	•		
(#10-24 x 5", Grade 8) 155 01-109400 VALVE, DIRECTIONAL (Steer) (D03) 156 01-109401 COIL, STEER VALVE (12 Volt DC) 157 07-008354 CAP SCREW, HEX SOCKET HEAD (#10-24 x 1-1/4", Grade 8) (#10-24 x 1-1/4", Grade 8) 158 16-100027 PLATE, BLANKING 159 07-008350 CAP SCREW, HEX SOCKET HEAD					1		
155 01-109400 VALVE, DIRECTIONAL (Steer) (D03) 156 01-109401 COIL, STEER VALVE (12 Volt DC) 157 07-008354 CAP SCREW, HEX SOCKET HEAD (#10-24 x 1-1/4", Grade 8) (#10-24 x 1-1/4", Grade 8) 158 16-100027 PLATE, BLANKING 159 07-008350 CAP SCREW, HEX SOCKET HEAD	154	07-008369					
156 01-109401 COIL, STEER VALVE (12 Volt DC) 157 07-008354 CAP SCREW, HEX SOCKET HEAD (#10-24 x 1-1/4", Grade 8) 158 16-100027 PLATE, BLANKING 159 07-008350 CAP SCREW, HEX SOCKET HEAD		24.422.422			4		
157 07-008354 CAP SCREW, HEX SOCKET HEAD (#10-24 x 1-1/4", Grade 8) 158 16-100027 PLATE, BLANKING 07-008350 CAP SCREW, HEX SOCKET HEAD				, , , , ,	2		
(#10-24 x 1-1/4", Grade 8) 158				· · · · · · · · · · · · · · · · · · ·			
158 16-100027 PLATE, BLANKING 159 07-008350 CAP SCREW, HEX SOCKET HEAD	137	07-000054			4		
	158	16-100027			1		
(#10-24 x 1/2", Grade 8)	159	07-008350					
				(#10-24 x 1/2", Grade 8)	4		
TITLE UNDERCARRIAGE ASSEMBLY, 2515 G OR RT SCISSORS (PLATE 7 OF 9	TITI F			ASSEMBLY 2515 GIOR DT SCISSODS (DI ATE 7 O	E 0/		
ONDERTONITION CONTROL TO CONTROL OF CONTROL		ONDEITO			· <i>3)</i>		
PLATE NO. 01.75 SIMON AERIALS INC. NEW 27 NOV., 1996 NO.		^E 01.75	SIMO				



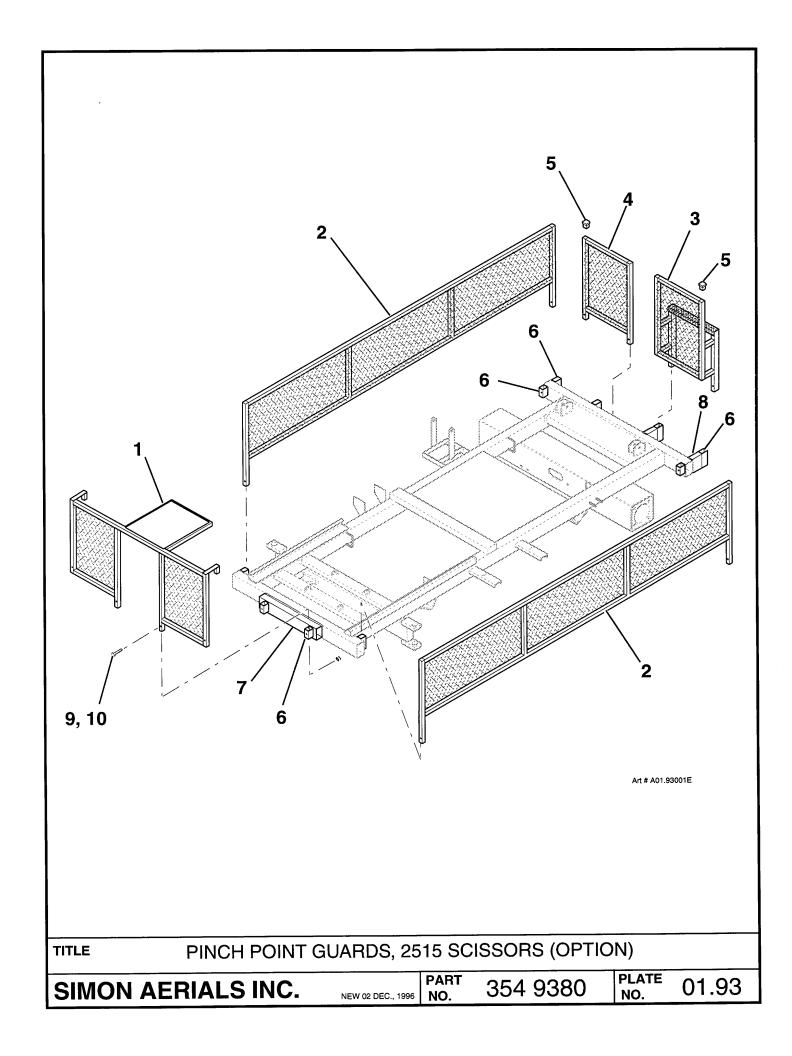
PARTS LIST							
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.			
160	01-012400		VALVE, MOTION CONTROL (with shuttle) (0 to 30 gpm)	1			
161	06-045000		90° ELBOW, "O"-RING TO 37° (8-10 C5OX-S)				
			(10MB-8MJ 90°)	1			
162	06-040300		ADAPTER, "O"-RING TO 37° (8-10 F5OX-S) (10MB-8MJ)	1			
163	06-044300		90° ELBOW, "O"-RING TO 37° (4 C5OX-S) (4MB-4MJ 90°)	1			
164	06-304400		ADAPTER, "O"-RING TO FEMALE NPT				
1,05	00 074000		(10-1/2 F5OG-S) (10MB-8FP)	1			
165 166	06-074900 06-001300		STREET TEE (1/2 MRO-S) (8MP-8FP-8FP) CONNECTOR, MALE 37° TO NPT (8-8 FTX-S) (8MJ-8MP)				
167	06-216300		90° ELBOW, MALE 37° TO NPT (4-8 CTX-S) (8MP-4MJ 90°)	4			
168	07-003029		CAP SCREW, HEX HEAD (5/16"-18 x 2", Grade 5)				
169	07-062015		WASHER, FLAT (5/16")	2			
170	07-050015		NUT, LOCK (5/16"-18, Grade 5)	2			
171	07-003035		CAP SCREW, HEX HEAD (5/16"-18 x 3-1/2", Grade 5)	1			
172	01-012800		VALVE, PRESSURE REDUCING				
			(100 to 300 psi [6.9 to 20.7 bar], @ 10 gpm [37.9 L/ min])	1			
173	01-012801		SEAL KIT, PRESSURE REDUCING VALVE	1			
174	01-012802		CARTRIDGE, PRESSURE REDUCING VALVE	1			
175	06-039500		ADAPTER, "O"-RING TO 37° (4-6 F5OX-S) (6MB-4MJ)	1			
176 177	06-039900 06-086800		ADAPTER, "O"-RING TO 37° (6-8 F5OX-S) (8MB-6MJ) ADAPTER, "O"-RING TO FEMALE NPT (8-1/4 F5OG5-S)	'			
1//	00-00000		(8MB-4FP)	1			
178	06-082500		90° ELBOW, MALE PIPE THREAD (1/4 CR-S)				
''	00 002000		(4MP-4MP 90°)	1			
179	06-074700		STREET TEE (1/4 MRO-S) (4MP-4FP-4FP)	1			
180	24-100842		FITTING, DIAGNOSTIC (PD 343)	1			
181	01-101400	******************************	VALVE, ONE WAY FLOW CONTROL (Brake)	1			
182	06-000400		CONNECTOR, MALE 37° TO NPT (4-4 FTX-S) (4MP-4MJ)	1			
183	01-209800		MANIFOLD, BRAKE RELEASE	1			
184	04 000004		BODY, VALVE	1 1			
185	01-209801		VALVE, NEEDLE PUMP, HAND	1			
186 187	01-209804 01-209803		KNOB, HAND PUMP	1			
188	01-209803		SEAL KIT, HAND PUMP	i			
189	06-039500		ADAPTER, "O"-RING TO 37° (4-6 F50X-S) (4MJ-6MB)	i			
190			90° ELBOW, "O"-RING TO 37° (4-6 C5OX-S) (4MJ-6MB 90°)	1			
191	07-050015		NUT, LOCK (5/16"-18, Grade 5, Nylock)	2			
192	07-062015		WASHER, FLAT (5/16")	8			
193	222 0160		VALVE ASSEMBLY, MOTOR RELEASE (includes bracket)	1			
194	06-003500		90° ELBOW, MALE 37° TO NPT (4-4 CTX-S) (4MP-4MJ 90°)	2			
195			CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5)				
196	07-062015		WASHER, FLAT (5/16")				
TITLE		RRIAGE	E ASSEMBLY, 2515 G OR RT SCISSORS (PLATE 8 O	F 91			
			DADT	· •)			
NO.	NO. O1.75 SIMON AERIALS INC. NEW 27 NOV., 1996 NO.						



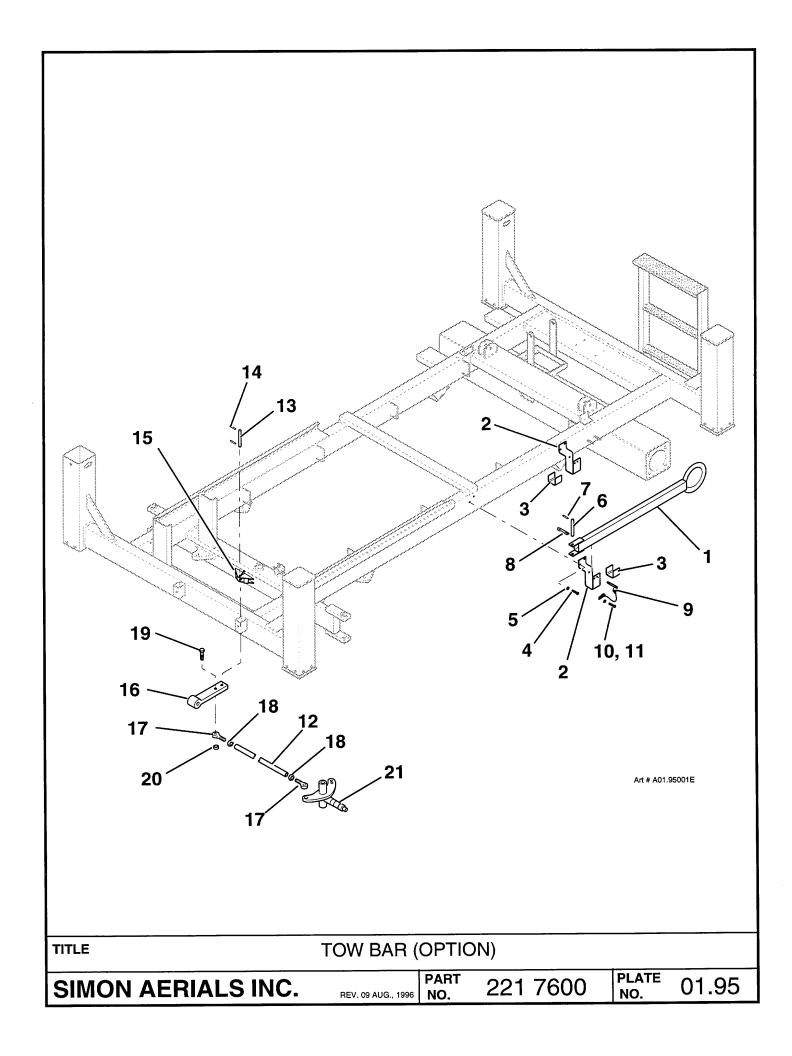
PARTS LIST							
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.			
197			DIVIDER, FLOW (for 2WD versions)	1			
	01-113200 01-018300		12 gpm (45 L/ min) (Current version) 40 gpm (168 L/ min) (Obsolete. Use 01-113200.)				
198	01-016300		SEAL KIT	1			
199	01-113202		CARTRIDGE				
200			FITTING (8MB)	4			
201	07-003008		CAP SCREW, HEX HEAD (1/4"-20 x 1-3/4", Grade 5)	2			
202	07-062014		WASHER, FLAT (1/4")	4			
203 204	07-050014 03-493700		NUT, LOCK (1/4"-20, Grade 5) SWITCH, LIMIT (Side rotary. Replaces 03-021400.)	2			
204	03-494300		LEVER, LIMIT (Side rotary. Replaces 03-021400.)				
206	03-700400		GRIP, CORD (Plastic, 1/2", with .24" to .47" seal)				
207			CABLE, ELECTRICAL (Bulk item, order as needed.				
			10 ft [3.0 m] required here)	A.R.			
	03-085200		SJO, 2 conductor, #16 AWG (without travel alarm)				
000	03-085100		SJO, 3 conductor, #16 AWG (with optional travel alarm)				
208	07-011419 07-065011		MACHINE SCREW, PAN HEAD (#10-32 x 5/8", Grade 2) WASHER, HELICAL LOCK (#10)	2			
210	222 0160		VALVE ASS'Y., EMERGENCY LOWERING (incl. bracket)	1			
211	06-003500		90° ELBOW, MALE 37° TO NPT (4-4 CTX-S) (4MJ-4MP 90°)	1			
212	07-003023		CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5)	1			
213	07-062015		WASHER, FLAT (5/16")	2			
214	07-050015		NUT, LOCK (5/16"-18, Grade 5, Nylock)	1			
215 216	06-021000 10-231500		UNION TEE, 37° MALE (6 JTX-S) (6MJ-6MJ-6MJ) CLAMP (#14)	1 2			
217	07-029365		SCREW, HEX WASHER HEAD	-			
- '	07 020000		(#12 x 1", Self drilling, with rubber seal)	1			
218			HOSE KIT, UNDERCARRIAGE (2515 G or RT)	1			
	354 9450		for 2WD versions				
	354 9460		for 4WD versions				
TITLE	TITLE UNDERCARRIAGE ASSEMBLY, 2515 G OR RT SCISSORS (PLATE 9 OF 9)						
PLATI	DIATE						
NO.							



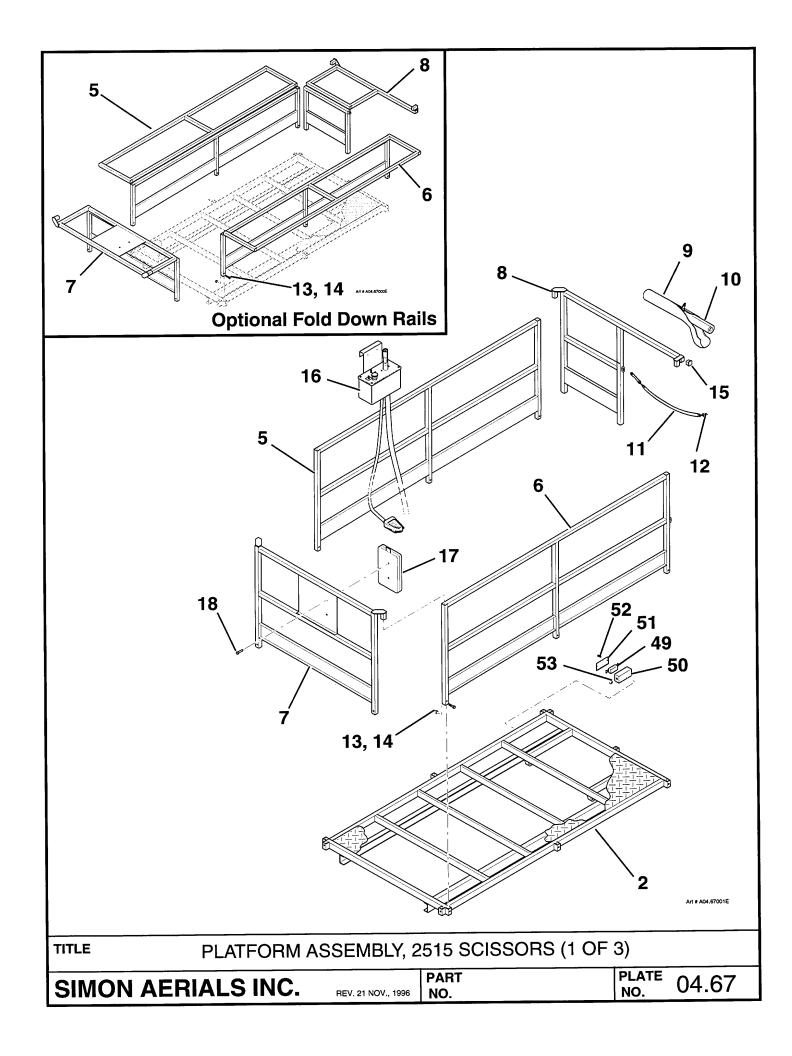
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
	354 9380		PINCH POINT GUARD SET			
1	223 2150		GUARD, PINCH POINT (Front. With engine guard.)	1		
2	223 2100		GUARD, PINCH POINT (Side)	2		
3 4	223 2270 223 2240		GUARD, PINCH POINT (Rear, left. With ladder.) GUARD, PINCH POINT (Rear, right)	1 1		
5	24-101195		PLUG, TUBE END (for 1-1/2", #14 gauge square tube)	10		
6	222 7920		POCKET, ENGINE GUARD (must be welded to chassis	5 <u> </u>		
7			frame or spacer, Item 7) SPACER, GUARD POCKET (5" x 3" x 28". For front so	*******************************		
			Must be welded to chassis frame.)	1		
8			SPACER, GUARD POCKET (1-1/2" x 3" x 3-1/2". For I rear screen. Must be welded to chassis frame.)	eft 2		
9	07-003023		CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5)	10		
10	07-050015		NUT, HEX LOCK (5/16"-18, Grade 5)	10		
TITLE	E F	PINCH P	OINT GUARDS, 2515 SCISSORS (OPTION)			
PLAT			NI AEDIAL CINIC PART 35/	9380		
NO.	01.93	PINIO	NAERIALS INC. NEW 02 DEC., 1996 NO. 354	7 3000		



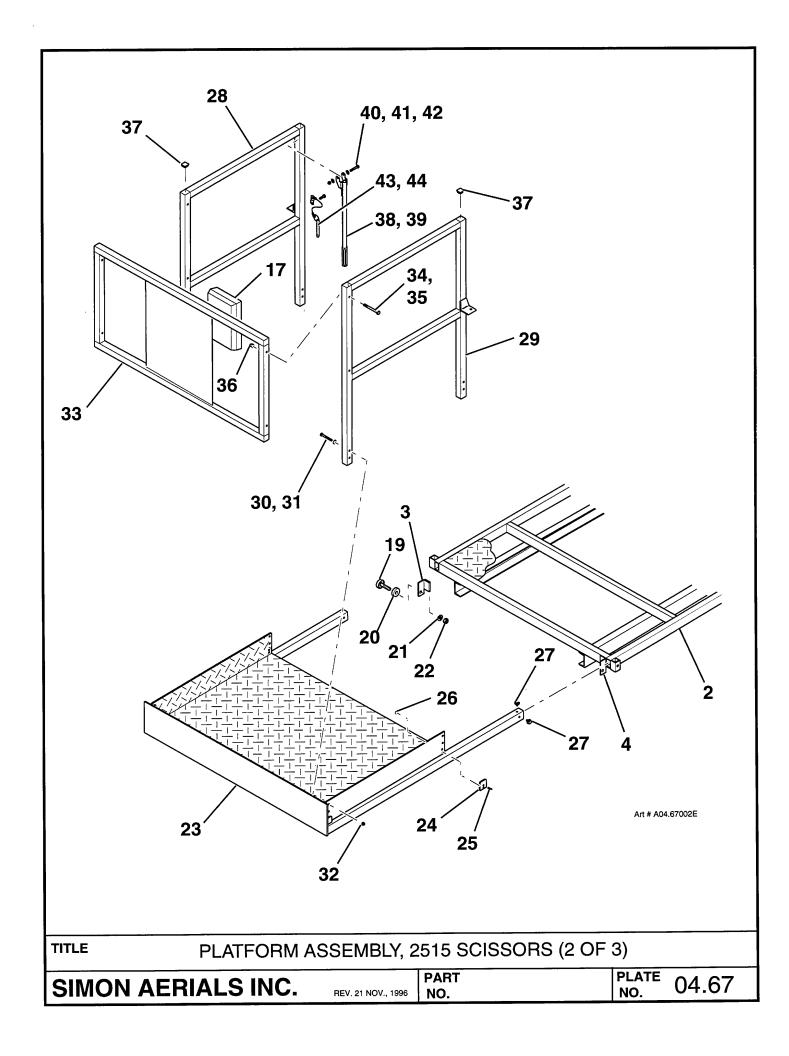
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	222 9110		BAR, TOW	1		
2	223 1270		BRACKET, TOW BAR MOUNTING	2		
3	223 1340		PAD, CUSHION (Rubber, 2" x 6-3/4" x 1/8" thick) CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5)	2 4		
4 5	07-003023 07-065015		WASHER, HELICAL LOCK (5/16")	4		
6	221 9100		PIN. TOW BAR RETAINING	1		
7	07-100000		PIN, ROLL (5/16" x 2" long)	1		
8	42-101060		CLIP, HAIRPIN (1/8" x 2-1/2")	1 1		
9	07-107400		PIN, QUICK RELEASE (3/8" x 3-1/2", with ring grip) WASHER, SEALING (#10 x 5/8" O.D.)	2		
10 11	07-107500 10-155553		SCREW, SELF TAPPING (#10 x 1/2")	2		
12	222 9090		ARM, PIVOT	1		
13	222 0970		PIN, PIVOT ARM (1" x 3-3/4")	1		
14	07-100000		PIN, ROLL (5/16" x 2")	2		
15	222 3940		BRACKET, PIVOT ARM TIE ROD	1 1		
16 17	222 0900 08-044400		END, TIE ROD (5/8"-18 NF thread. Marked " TM10 ")	2		
18	07-047121		NUT, JAM (5/8"-18 NF, Grade 5)	2		
19	07-003133		CAP SCREW, HEX HEAD (5/8"-11 x 3", Grade 5)	1 1		
20	07-050021		NUT, LOCK (5/8"-11, Grade 5)	1		
21	222 8470	·	SPINDLE WELDMENT (Left)	'		
İ						
TITL	I E		TOW BAR (OPTION)	•		
		T	DADT	200		
PLA NO.	01.95	SIMO	NAERIALS INC. REV. 09 AUG., 1996 NO. 221 76	SUU		



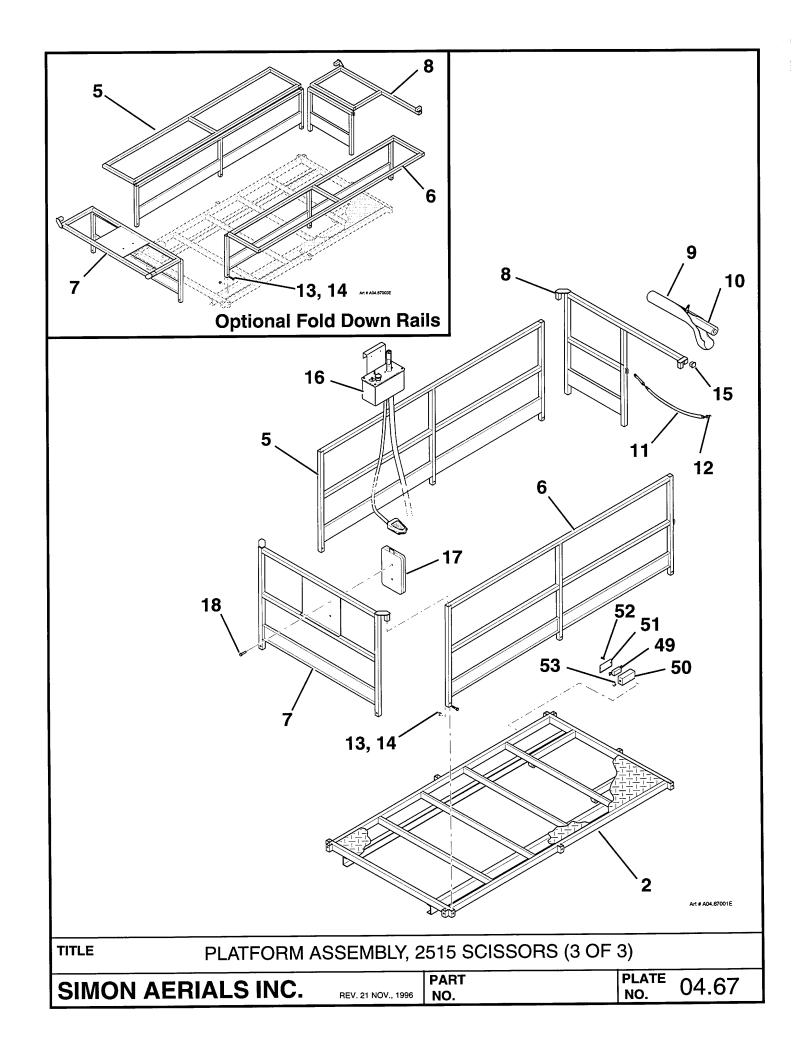
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1			PLATFORM GROUP	1		
	354 3810		Standard version			
	354 3330		With optional 3 ft (0.9 m) Rollout Deck	4		
2	201 1152		PLATFORM DECK WELDMENT	1		
	221 1450		Standard version (no Rollout Deck) With optional 3 ft (0.9 m) Rollout Deck			
3	221 3650 221 8670		BRACKET, ROLLOUT DECK ROLLER (Right)			
	221 8070		(Weld to deck in place of front rail pocket for			
			models with optional rollout deck)	1 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			SIDE RAIL WELDMENT (Right)	1		
	222 4760		Standard version (no Rollout Deck)			
	222 4920		With optional Rollout Deck			
	222 8780		Optional Fold Down Rails			
6	004 7500		SIDE RAIL WELDMENT (Left)			
	221 7500 222 4830		Standard version (no Rollout Deck) With optional Rollout Deck			
	221 8790		Optional Fold Down Rails			
7	2210790		END RAIL WELDMENT (Control end) (Standard version,			
,			without Rollout Deck option)	1		
	221 7490		Standard version			
	222 8760		Optional Fold Down Rails			
8			END RAIL WELDMENT (Entry end)	1		
	221 7480		Standard version			
	222 8770		Optional Fold Down Rails			
9	10-063200		TUBING, PIPE INSULATION (1-1/8" I.D., 1" wall,	۸ ۵		
امدا	000 0010		6 Ft [1.83 M] long section) (2 Ft [.6 M] needed here)	A.R.		
10	228 9910		COVER, PIPE INSULATION (Yellow, with zipper) CHAIN ASSEMBLY, SAFETY	1		
11	353 6350 11-083400		"S"-HOOK (replaces 48-100130)	'		
13	07-003023		CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5)	10		
14	07-050015		NUT, LOCK (5/16"-18, Grade 5)	10		
15	24-101195		PLUG, TUBE END (Black plastic, for 1-1/2", #14 gauge			
			square tube)	1		
16	See plate	09.59	CONSOLE ASSEMBLY, PLATFORM CONTROL	1		
17	11-085200		ENCLOSURE, TECHNICAL MANUAL STORAGE	1 1		
18	07-085005		POP RIVET (3/16" x 5/8")	4		
TITLE			ORM ASSEMBLY, 2515 SCISSORS (1 OF 3)			
<u> </u>		LLAIF	PART			
PLAT NO.	^E 04.67	SIMO	N AERIALS INC. REV. 21 NOV., 1996 NO.			



PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
			PLATFORM GROUP (continued)		
			The following items are included only with the Rollout Deck:		
19	08-102900		BEARING, CAM FOLLOWER (1-5/8" O.D.)	2	
20	221 8690		SPACER, CAM ROLLER	2	
21	07-065023		WASHER, LOCK (7/8")	2	
22	07-047123		NUT, JAM (7/8"-14, Grade 5)	2	
23	222 0870		DECK, ROLLOUT (3 foot extension)	1	
24	222 4280		PAD, ROLLOUT DECK SLIDER (Nylon)	2	
25	07-015003		MACHINE SCREW, FLAT HEAD (1/4"-20 x 3/4", Grade 5) NUT, LOCK (1/4"-20, Grade 5)	4 4	
26 27	07-050014 10-165600		WASHER, SHOULDER (Nylon)	6	
28	222 4900		RAIL, ROLL OUT DECK (Right side)	1	
29	222 4890		RAIL, ROLL OUT DECK (Left side)	1	
30	07-003030		CAP SCREW, HEX HEAD (5/16"-18 x 2-1/4", Grade 5)	8	
31	07-062015		WASHER, FLAT (5/16")	8	
32	07-050015		NUT, LOCK (5/16"-18, Grade 5)	8	
33	222 4910		RAIL, ROLL OUT DECK (Front) CAP SCREW, HEX HEAD (5/16"-18 x 3", Grade 5)	1 4	
34 35	07-003033 07-062015		WASHER, FLAT (5/16")	8	
36	07-050015		NUT, LOCK (5/16"-18, Grade 5)	4	
37	24-101195		PLUG, TUBE END (Black plastic, for 1-1/2", #14 gauge		
			square tube)	1	
38	222 5100		HANDLE, ROLLOUT DECK	2	
39	11-208800		GRIP, HANDLE (Plastic)	2 2	
40 41	07-003051		CAP SCREW, HEX HEAD (3/8"-16 x 2-1/2", Grade 5) WASHER, FLAT (5/16")	4	
41	07-062015 07-050016		NUT, LOCK (3/8"-16, Grade 5)	2	
43	11-103900		PIN, RETAINING (3/8" x 2-1/2") (includes 6" lanyard)	2	
44	07-029365		SCREW, HEX WASHER HEAD (#10-24 x 1", self drilling)	2	
45	03-606200		CLAMP, HOSE	3	
46	07-029365		SCREW, HEX WASHER HEAD		
			(#12-14 x 1", self drilling, with seal)	3	
	_			L	
PLATFORM ASSEMBLY, 2515 SCISSORS (2 OF 3)					
PLATE NO. 04.67 SIMON AERIALS INC. REV. 21 NOV., 1996 NO.					
NO.	<u> </u>		ncv. 21 140v., 1990 NO.		



PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
47 48	03-064000 03-064700		The following items are not included with the Platform Group: TIE, CABLE (7.4" [188 mm] long) TIE, CABLE (14.5" [368 mm] long)	A.R. A.R.	
49 50 51	03-067000 03-062100 03-062200		OUTLET, DUPLEX (110 Volt AC) (option) BOX, DUPLEX OUTLET COVER, DUPLEX OUTLET	1 1 1	
52 53	10-155553 03-041000 03-700400		SCREW, SELF TAPPING (#10-24) GRIP, CORD Plastic, 1/2", with .38" to .44" seal (earlier versions) 1/2", with .24" to .47" seal (current versions)	3	
				2. 1 . 2 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3	
TITLE PLATFORM ASSEMBLY, 2515 SCISSORS (3 OF 3)					
PLAT NO.	^E 04.67	SIMO	N AERIALS INC. REV. 21 NOV., 1996 PART NO.		

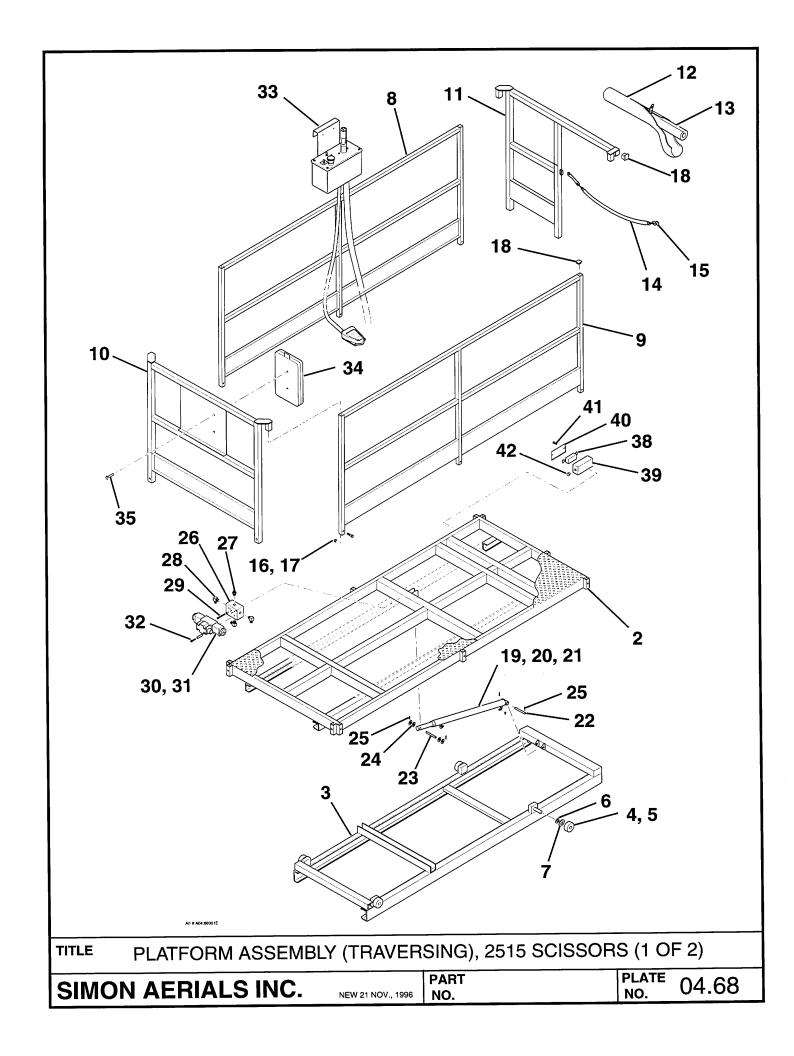


	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	354 9430	020	PLATFORM ASSEMBLY (with traversing deck option)	1		
2	221 7330	1	PLATFORM DECK WELDMENT	1		
3	221 7340		PLATFORM BASE WELDMENT (for traversing deck)	1		
4	231 4200		ROLLER, TRAVERSING DECK	4		
5	08-101600		BUSHING (Bronze, 1-1/8" O.D., 7/8" I.D., 1" long)	4		
6	'		SHIM (1.38" O.D., 0.88" I.D., .075" thick)	4		
7	<u> </u>		BUSHING (Bronze, 2.0" O.D., 1.0" I.D., .13" thick)	4		
8	222 4760		SIDE RAIL WELDMENT (Right)	1 1		
9	221 7500		SIDE RAIL WELDMENT (Left)	1		
10	221 7490		END RAIL WELDMENT (Control end) END RAIL WELDMENT (Entry end)	4		
11 12	221 7480 10-063200		TUBING, PIPE INSULATION (1-1/8" I.D., 1" wall,			
اکا	10-000200		6 Ft [1.83 M] long section) (2 Ft [.6 M] needed here)	A.R.		
13	228 9910		COVER, PIPE INSULATION (Yellow, with zipper)	1		
14	353 6350		CHAIN ASSEMBLY, SAFETY	1 1		
15	11-083400		"S"-HOOK (replaces 48-100130)			
16	07-003023		CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5)	10		
17	07-050015		NUT, LOCK (5/16"-18, Grade 5)	10		
18	24-101195		PLUG, TUBE END (Black plastic, for 1-1/2", #14 gauge			
'			square tube)	1 1		
19	04-051300		CYLINDER, TRAVERSING DECK	-		
,			(2-1/2" bore, 36" stroke)	-		
20	Call Simon		SEAL KIT, CYLINDER			
21	06-216400		90° ELBOW, MALE 37° TO NPT (4-6 CTX-S) (4MJ-6MP 90°) (replaces 24-100652)	2		
	002 0120		PIN, CYLINDER (Base end) (3/4" dia. x 5-1/2" long)	1 1		
22 23	223 0130 223 0140		PIN, CYLINDER (Base end) (3/4" dia. x 3-1/2" long) PIN, CYLINDER (Rod end) (3/4" dia. x 3-1/2" long)	1 1		
23	07-062022		WASHER, FLAT (3/4")	A.R.		
25	07-002022		ROLL PIN (5/16")	4		
26	01-017800		MANIFOLD, SINGLE STATION	1		
27	06-039500		ADAPTER, "O"-RING TO 37° (4-6 F5OX-S) (6MB-4MJ)	1		
28	06-044400		90° ELBOW, "O"-RING TO 37° (4-6 C5OX-S)			
			(6MB-4MJ 90°)	3		
29	07-008007		CAP SCREW, SOCKET HEAD (1/4"-20 x 1-1/2", Grade 8	3) 2		
30	01-109400		VALVE, DIRECTIONAL (D03)			
31	01-109401		COIL, DIRECTIONAL VALVE (12 Volt DC)	1 2		
32	07-008354		CAP SCREW, SOCKET HEAD (#10-24 x 1-1/4", Grade 8)) -		
TITI	TITLE DI ATEODM ASSEMBLY (TRAVERSING) 2515 SCISSORS (1 OF 2)					

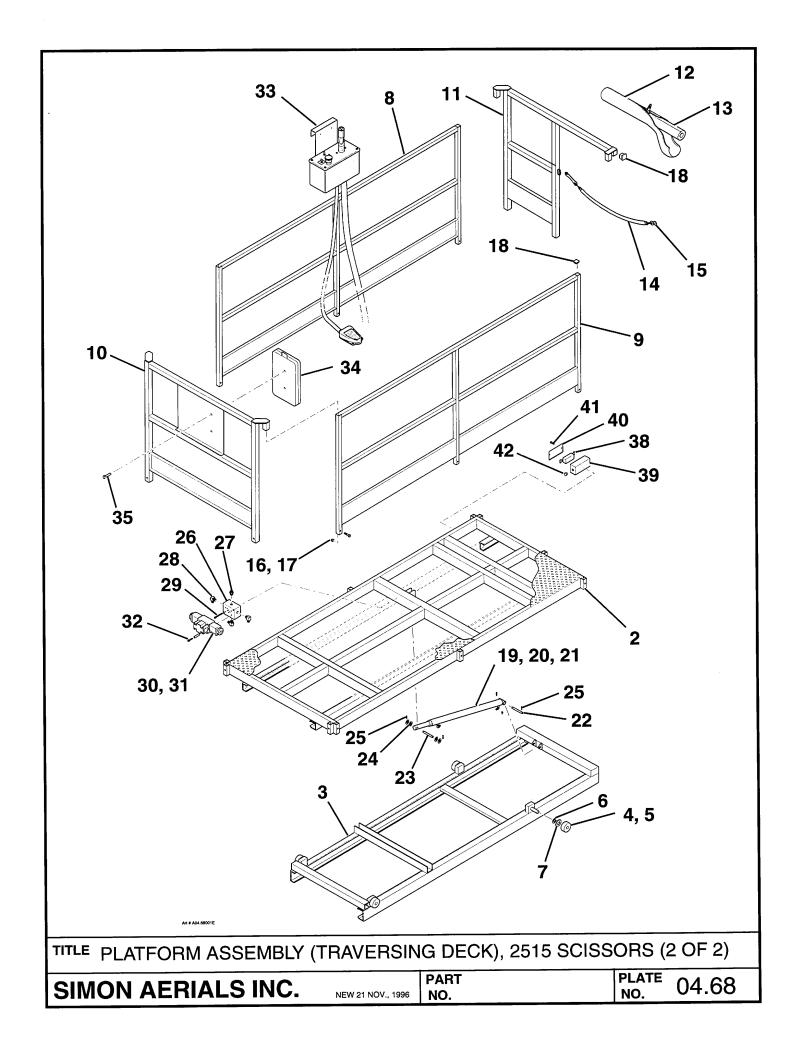
PLATFORM ASSEMBLY (TRAVERSING), 2515 SCISSORS (1 OF 2)

PLATE NO. 04.68 SIMON AERIALS INC.

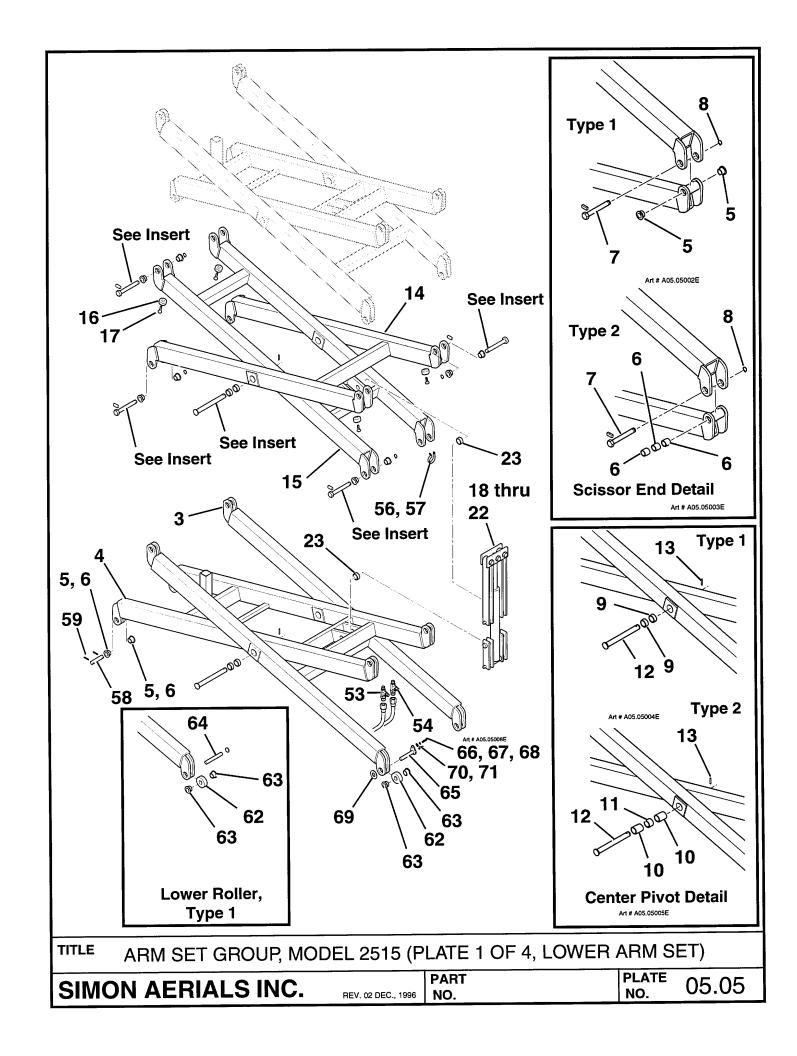
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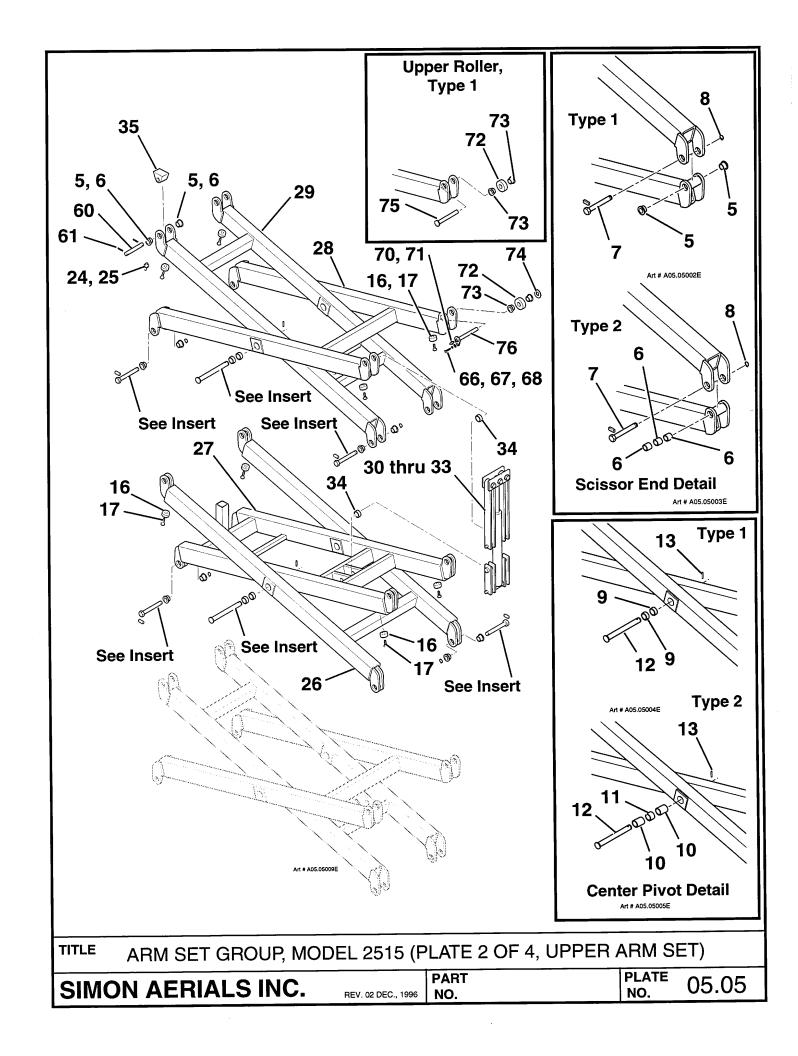
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
33 34	See plate 11-085200	09	PLATFORM ASSEMBLY (continued) CONSOLE ASSEMBLY, PLATFORM CONTROL ENCLOSURE, TECHNICAL MANUAL STORAGE	1		
35	07-085005		POP RIVET (3/16" x 5/8") The following items are not included with the Platform Assembly:	4		
36 37 38	03-064000 03-064700 03-067000		TIE, CABLE (7.4" [188 mm] long) TIE, CABLE (14.5" [368 mm] long) OUTLET, DUPLEX (110 Volt AC) (option)	A.R. A.R.		
39 40 41	03-062100 03-062200 10-155553		BOX, DUPLEX OUTLET COVER, DUPLEX OUTLET SCREW, SELF TAPPING (#10-24)	1 1 2		
42	03-041000 03-700400		GRIP, CORD Plastic, 1/2", with .38" to .44" seal (earlier versions) 1/2", with .24" to .47" seal (current versions)	3		
TITLE PLATFORM ASSEMBLY (TRAVERSING DECK), 2515 SCISSORS (2 OF 2)						
PLAT NO.	PLATE NO. 04.68 SIMON AERIALS INC. NEW 21 NOV., 1996 PART NO.					



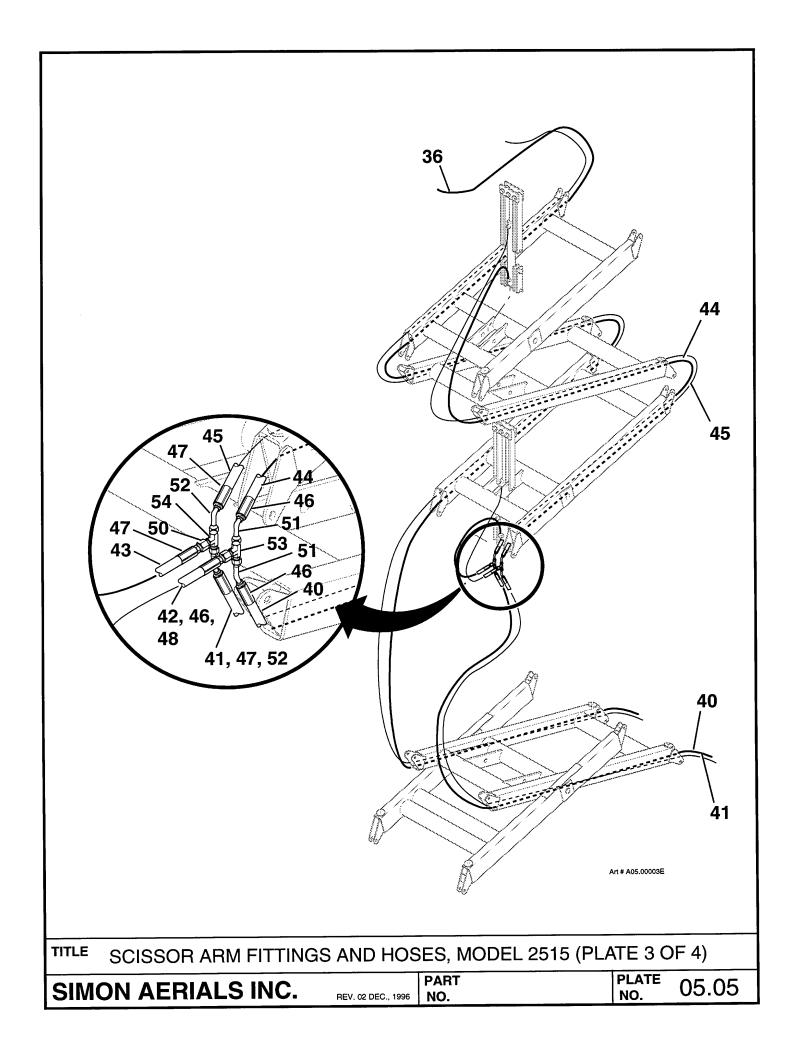
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	354 3320		SCISSORS ARM SET GROUP	1		
2	354 7940		SCISSORS ARM ASSEMBLY	1		
3	223 0350		ARM WELDMENT (Outer, bottom [#1] segment)	1		
4	2370120		ARM WELDMENT (Inner, bottom [#1] segment)			
			(includes service prop stand) (was 50-800568)	1		
5	08-100200		BUSHING (Earlier version. Oilite, flanged.			
			1.00" I.D., 1.88" O.D., 1" long. Replaces 26-800527)	32		
6	08-082600		BUSHING (Current style. Fibre glide,	48		
-7	007.0440		0.88" I.D., 1.0" O.D., 1" long [22 x 25 x 25 mm]) PIN (Arm to arm connecting) (was 42-800518)	12		
7 8	237 0110		RING, SNAP (7/8")	A.R.		
9	26-800564		BUSHING (Earlier version. Fibre glide)	16		
10	08-082800		BUSHING (Current style. Fibre glide, 1-3/8" I.D.,			
'0	00 002000		1-1/2" O.D., 1-1/2" long [35 x 38 x 38 mm])	16		
11	08-082700		BUSHING (Current style. Fibre glide, 1-3/8" I.D.,			
	00000		1-1/2" O.D., 1" long [35 x 38 x 25 mm])	8		
12	237 0100		PIN, CENTER (was 42-800573)	8		
13	236 4130		ROLL PIN (3/8" x 3")	8		
14	223 0360		ARM ASSEMBLY, SCISSOR (Outer, #2 segment)	1		
15	237 0130		ARM ASSEMBLY, SCISSOR (Inner, #2 segment)			
			(was 50-800572)	1		
16	10-214600		BUMPER (Nylon)	12		
17	07-015003		MACHINE SCREW, FLAT HEAD	12		
10	Can Dieta	11.86	(1/4"-20 x 3/4", Grade 5) LOWER LIFT CYLINDER ASSEMBLY	1 1		
18 19	See Plate See Plate	11.84	CYLINDER, LIFT			
20	03-611500	11.04	FUSE, VELOCITY	'		
20	00 01 1000		(5 GPM [18.9 L/ min], color coded Black)	1		
21	06-039300		ADAPTER, "O"-RING TO 37° (4 F50X-S) (4MJ-4MB)	1		
22	06-051600		90° ELBOW, SWIVEL NUT (8 C6X-S) (8MJ-8FJX 90°)	1		
23	08-105100 ⁻		BUSHING (Fibre glide) (replaces 26-800581)	4		
24	11-201400		FITTING, GREASE (replaces 24-800520)	14		
25	08-066300		CAP, GREASE FITTING (White plastic)	14		
TITLE	ARM SE	r GROU	P, MODEL 2515 (PLATE 1 OF 4, LOWER ARM SET)			
PLAT		 	DADT	-		
NO.	^e 05.05	PIMO	N AERIALS INC. REV. 02 DEC., 1996 NO.			



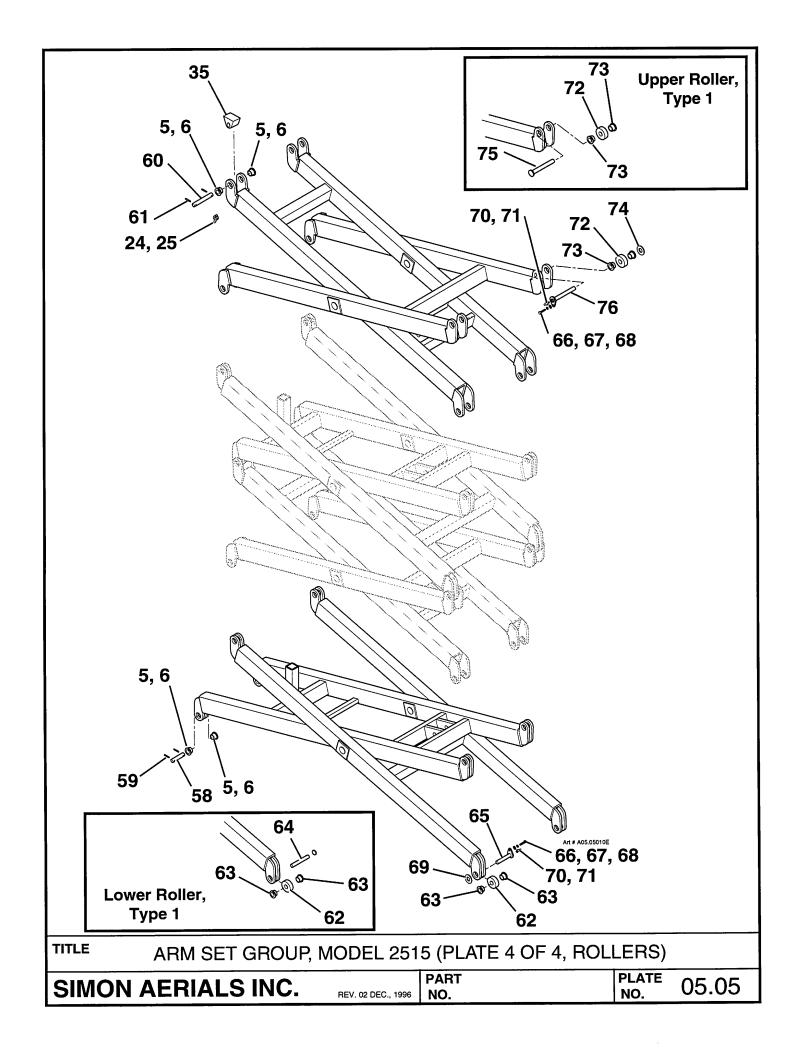
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
26	223 0350		SCISSORS ARM SET GROUP (continued) SCISSORS ARM ASSEMBLY (continued) ARM WELDMENT (Outer, #3 segment)	1		
27 28	237 0140 223 0360		ARM WELDMENT (Inner, #3 segment) (was 50-800568) ARM WELDMENT (Outer, top [#4] segment)	1		
29 30	237 0150 See Plate	11.85	ARM WELDMENT (Inner, top [#4] segment) (was 50-800580) UPPER LIFT CYLINDER ASSEMBLY	1		
31 32	See Plate 03-611700	11.83	CYLINDER, LIFT FUSE, VELOCITY (4 GPM [15.1 L/ min], color coded Red)	1		
33 34	06-039300 08-105100		ADAPTER, "O"-RING TO 37° (4 F50X-S) (4MJ-4MB) BUSHING (Fibre glide) (replaces 26-800581)	1 4		
TITLE	E ARM SE	T GROU	JP, MODEL 2515 (PLATE 2 OF 4, UPPER ARM SET)			
PLAT			NAERIALS INC. REV. 02 DEC., 1996 PART NO.			



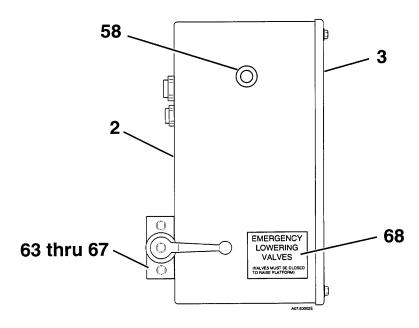
PARTS LIST							
IT	ЕМ	PART NO	SEE SECTION	DESC	RIPTION		QTY.
	35 36	221 6850 03-086300		EAR, SCISSOR MOUN platform) CABLE, ELECTRICAL (Bulk item. 56 ft (17.1	TING (Welds (16 conductor m) required.	to underside r, #16 AWG))	A.R.
	37 38 39	05-081600 05-081500 354 3450		HOSE, HYDRAULIC (3) as shown on chart, be HOSE, HYDRAULIC (1) as shown on chart, be HOSE KIT, 2515 SCISS	elow.) /4") (Bulk iten elow.)	n. Can be cut	A.R.
	Key No.	Hos From:	e To:	Size:	Ferrule (Need 2)	Fitting (End 1)	Fitting (End 2)
	40 41	Bottom of scissors	Union tee	3/8" x 9 ft 10 in (2.95 m) 1/4" x 19 ft 4 in (5.80 m)	Item 46 (2) Item 47 (2)	Item 48 Item 50	Item 51 Item 52
	42 43	Union tee	Bottom cylinder	3/8" x 41 in (1.02 m) 1/4" x 66 in (1.65 m)	Item 46 (2) Item 47 (2)	Item 48 Item 50	Item 49 Item 50
	44 45	Union tee	Top cylinder	3/8" x 19 ft 7 in (5.88 m) 1/4" x 18ft 11in (5.68m)		Item 51 Item 52	Item 49 Item 50
	46 47 48 49 50 51 52 53 54 55 56 57	06-000030 06-155200 06-144900 06-145200 06-144300 06-212500 06-212400 06-021000 06-020800 16-800482 08-800615 10-800616		FERRULE, HOSE E FERRULE, HOSE E STRAIGHT FITTING STRAIGHT FITTING STRAIGHT FITTING 45° FITTING, HOSE 45° FITTING, HOSE UNION TEE, 37° M. (was 24-800479) UNION TEE, 37° M. (was 24-800488) VALVE, CHECK (free CLAMP, HOSE (8-3 SCREW	END (4MP 3K G, HOSE END G, HOSE END E END (6C2-6 E END (4C2-4 ALE (6 JTX-S ALE (4 JTX-S ee flow, one v 3/8" to 8-1/4")	PCA) D (6-6 FJX-S) D (6-8 FJX-S) D (4-4 FJX-S) S FJX-S) FJX-S) FJX-S) G (6MJ-6MJ-6 G (4MJ-4MJ-4 Vay)	1 -MJ) - 1 2 16 16
<u> </u>	TITLE SCISSOR ARM FITTINGS AND HOSES, MODEL 2515 (PLATE 3 OF 4) PLATE NO. 05.05 SIMON AERIALS INC. REV. 02 DEC., 1996 NO.						



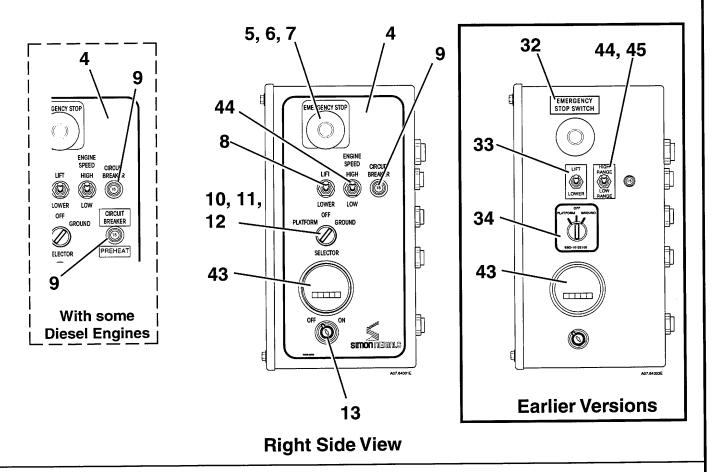
PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
			The following items are not included with the Scissors Arm		
			Assembly . They are included with the Arm Set Group :		
58	221 9140		PIN (Bottom [#1] inner arm to undercarriage frame)		
59	07-100000		(replaces 42-800521) ROLL PIN (5/16" x 2")	2 4	
60	221 9130		PIN (Top [#4] inner arm to platform deck)		
"	221 0100		(0.88" dia. x 3.63" long [22 x mm]) (replaces 42-800521)	2	
61	07-100000		ROLL PIN (5/16" x 2")	4	
62	221 6730		ROLLER, SCISSOR ARM (lower) (was 48-800578)		
			(7/8" I.D., 2-3/4" O.D., 1-1/2" wide [22 x 25 x 38mm])		
-00			(includes bushings) BUSHING, FLANGED (Bronze) (Replace earlier	2	
63			bushings 08-104500, 26-800577 or 26-100900)		
	08-077500		7/8" I.D., 1" O.D., 3/4" long	1	
	08-077600		7/8" I.D., 1" O.D., 1" long	1	
64	221 9150		PIN, SCISSOR ARM ROLLER (lower) (earlier version)		
			(replaces 42-800579)	2	
65	223 1710		PIN, SCISSOR ARM ROLLER (lower) (current version)	2	
66	07-003045		CAP SCREW, HEX HEAD (3/8"-16 x 1", Grade 5) WASHER, HELICAL LOCK (3/8")	2 2	
67 68	07-065016 07-062014		WASHER, FLAT (3/8")	2	
69	07-002014		WASHER (Steel)	2	
70	11-201400		FITTING, GREASE (1/4") (replaces 24-800520)	4	
71	08-066300		COVER, GREASE FITTING (White plastic)	4	
72	231 4200		ROLLER, SCISSOR ARM (upper) (was 48-800560)	2	
73	08-104600		BUSHING (Bronze, 7/8" I.D., 1-1/8" O.D., 1" long)	A	
_,	40.000550		(Replaces earlier flanged bushing 26-800559)	4 2	
74 75	42-800558 221 9160		SPACER, PIN PIN, SCISSOR ARM ROLLER (upper) (earlier version)	-	
/	ZE1 9100		(7/8" x 5.25") (was 42-800561)	2	
76	223 1730		PIN, SCISSOR ARM ROLLER (upper) (current version)	2	
!					
	0.000				
TITLE	ARM	SET GF	ROUP, MODEL 2515 (PLATE 4 OF 4, ROLLERS)		
PLAT	E 05.05	SIMO	N AERIALS INC. REV. 02 DEC., 1996 NO.		
NO.	50.00	<u> </u>	IN ALTIALS IIVO. REV. 02 DEC., 1996 NO.		



PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1	354 4390		LOWER CONTROL BOX ASSEMBLY	1	
2	221 8770		BOX, LOWER CONTROL (14" [36 cm] wide x 12" [30 cm] high x 6" [15 cm] deep)	1	
3	222 0620		COVER, LOWER CONTROL BOX	1	
4	10-266000		PLACARD, GROUND CONTROL (One piece placard.		
			See inset for individual decals used on earlier versions)		
_	00.70000		(Placard modified when two circuit breakers are used.) BUTTON, EMERGENCY STOP	1	
5	03-702000		(Red, "Pull to release" style)	1 1	
6	03-454900		BASE, CONTACT BLOCK	1	
7	03-437300		BLOCK, CONTACT (Normally closed)	1	
8	03-020500		SWITCH, TOGGLE (Lift/ Lower) (3 position, momentary	1	
9			contact, single pole, double throw) BREAKER, CIRCUIT	'	
	03-604700		15 Amp, 12 Volt	1	
	03-608040		30 Amp, 50 Volt DC max. (For some Diesel versions.		
	22.22222		Replaces 15 Amp Circuit Breaker, above)	1	
	03-608040		30 Amp, 50 Volt DC max. (For some Diesel versions. Used along with Circuit Breaker, above. See insert.)	1	
10	03-454800		SWITCH, ROTARY (Ground/ Platform selector)		
			(3 position, maintained contact) (replaces 03-619500)	1	
11	03-454900		BASE, CONTACT BLOCK	1 2	
12 13	03-437200 03-701900		BLOCK, CONTACT (Normally open) SWITCH, KEY OPERATED (3 position, "On-Off-On")	1	
10	03-701900		Own on, Ken of Ervite to people, and every		
	100				
TITLE			L BOX, ENGINE POWERED SCISSORS (PLATE 1 OF	= 4)	
<u> </u>			DADT	7	
PLAT NO.	^{re} 07.56	SIMO	NAERIALS INC. REV. 03 DEC., 1996 NO.		



Left Side View



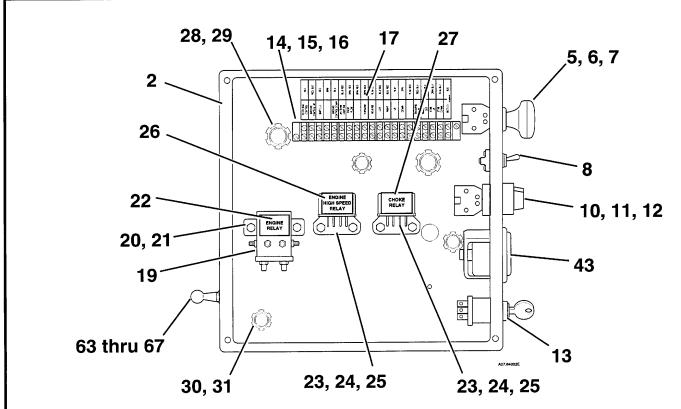
TITLE LOWER CONTROL BOX, ENGINE POWERED SCISSORS (PLATE 1 OF 4)

SIMON AERIALS INC.

REV. 03 DEC., 1996

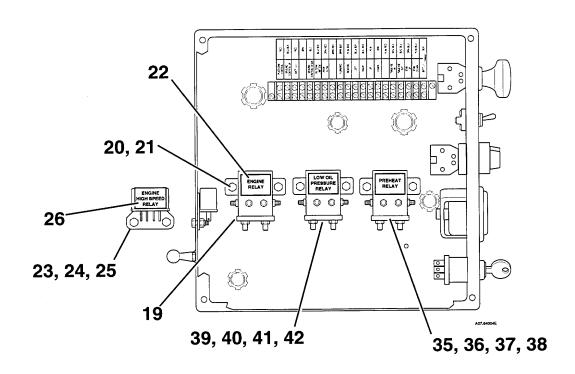
PART NO. PLATE 07.56

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		
l			without optional traversing deck	7	
18	03-603400		DIODE (3 Amp, 1000 Volt)	'	
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	
20 21	07-003001		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 3	
31	03-055500		NUT, CONDUIT LOCK (1/2")	ی	
			The following items were found on earlier versions of		
			Lower Control Box Assembly 354 4390:		
			Lower Control Box / teconiary con recen		
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 1	
	48-101202		PLUG, CAP (1/2", plastic) (Earlier versions, when optional	4	
			engine speed switch is not fitted) DECAL, "PLATFORM/ OFF/ GROUND" (earlier versions)	1	
34	10-225800		(some versions were labelled "10-122100")	-1	
			(Soffie Versions Were labelled 10-122100)	•	
1					
TITLE	E LOWER CO	ONTRO	BOX, ENGINE POWERED SCISSORS (PLATE 2 OF	= 4)	
PLAT	^{TE} 07.56	CIMO	N AERIALS INC. REV. 03 DEC., 1996 NO.		
NO.	07.56	SIIVIO	NO. REV. 03 DEC., 1996 NO.		



With Gas or Dual Fuel Engines (Typical Application)

With optional Diesel Engines (Typical Application)



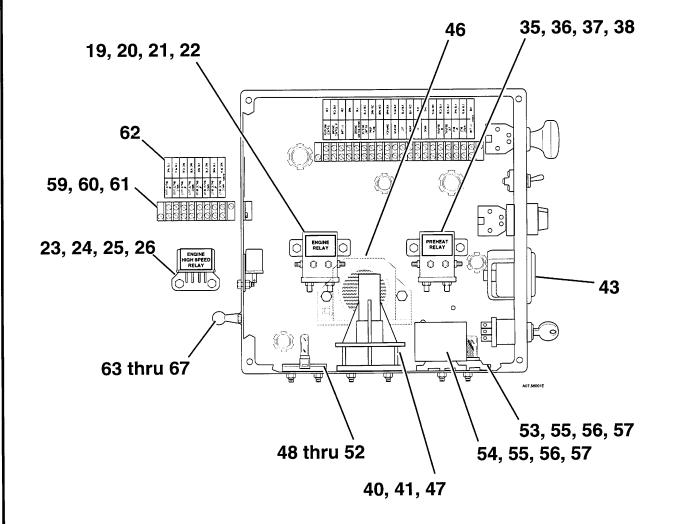
TITLE LOWER CONTROL BOX, ENGINE POWERED SCISSORS (PLATE 2 OF 4)

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					
ļ			Assembly 354 4390:					
35	22-700060		RELAY, SOLENOID (Preheat) (with optional Diesel engines)					
36	07-003001		(12 Volt DC, one normally open, one normally closed circuit CAP SCREW, HEX HEAD (1/4"-20 x 1/2", Grade 5)	1 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,					
40	07-003001		one normally closed circuit) CAP SCREW, HEX HEAD (1/4"-20 x 1/2", Grade 5)	4				
41	07-003001		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				
40	03-030300		11001(METELT (ET Voit) (opinoti)					
44	03-020400		SWITCH, TOGGLE (Engine speed, option)					
45	10-205100		(2 position, maintained contact) PLATE, "HIGH RANGE/ LOW RANGE" (Earlier versions,	1				
45	10-205100		when optional engine speed switch is fitted)	1				
46	03-466100		ALARM, MOVEMENT (option) with gas or optional dual fuel engines (97 db)	1				
	03-464600		with optional Diesel engines (102 db)					
			OFNOOD 15/151 (20) (antion) (vonloces 02 610900)	4				
47	03-987100		SENSOR, LEVEL (3°) (option) (replaces 03-610800)					
48	03-051500		RELAY, PLUG IN (12 Volt DC, single pole) (option)	1				
49	03-051600		SOCKET, RELAY (single pole, snap mount)	1 1				
50 51	03-051700 07-011335		RAIL, TERMINAL (1 m [39.37"] long section. Cut to fit.) 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) RELAY, TIME DELAY (0.1 to 102.3 second, 12 VDC) (option) 1				
54 55	03-052800 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)							
PLA [*] NO.	o7.56	SIMO	NAERIALS INC. REV. 03 DEC., 1996 PART NO.					



With optional equipment or some special applications

NO.

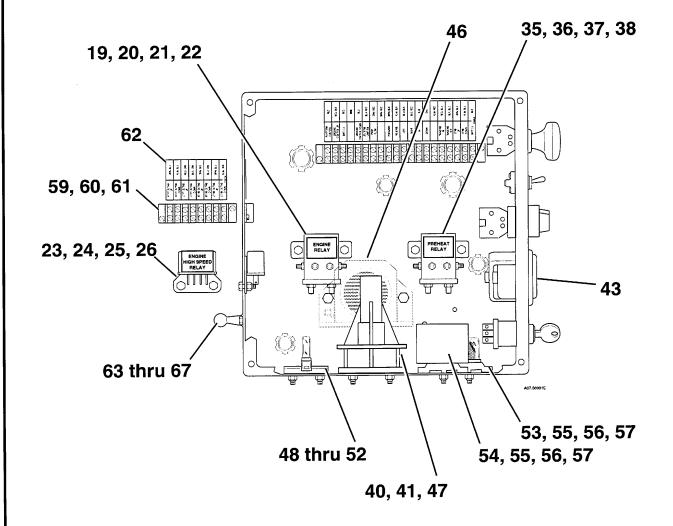
TITLE LOWER CONTROL BOX, ENGINE POWERED SCISSORS (PLATE 3 OF 4)

SIMON AERIALS INC.

REV. 03 DEC., 1996

PLATE PART NO.

PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
			Items not included with Lower Control Box Assembly (continued):			
				4		
58	10-211400		PLUG (1" dia., for motor disconnect switch hole)	'		
59	03-744000		BLOCK, TERMINAL (8 position) (when both outriggers and traversing deck are fitted)	1		
60	07-011335		CAP SCREW, SLOTTED PAN HEAD (#6-32 x 1/2")	2		
61 62	07-050007		NUT, STOP (#6-32, Grade 5) DECAL, 8 POSITION TERMINAL BLOCK	2 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			
63	222 0160		VALVE, EMERGENCY LOWERING (includes bracket) 90° ELBOW, MALE 37° TO NPT (4-4 CTX-S) (4MJ-4MP 90°)	1		
64 65	06-003500 07-003023		CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5)	1		
66 67	07-062015 07-050015		WASHER, FLAT (5/16") NUT, LOCK (5/16"-18, Grade 5, Nylock)	2 1		
68	10-259100		DECAL, "EMERGENCY LOWERING VALVES "	4		
			(some earlier versions were labelled "47-100321")			
	2.3863					
TITL	E LOWER C	ONTRO	BOX, ENGINE POWERED SCISSORS (PLATE 4 OF	= 4)		
PLA [*]		, 	N A EDIAL CINC PART	- · · · · · · · · · · · · · · · · · · ·		
NO.	07.50	Cilvio	NACRIALS INC. REV. 03 DEC., 1996 NO.			



With optional equipment or some special applications

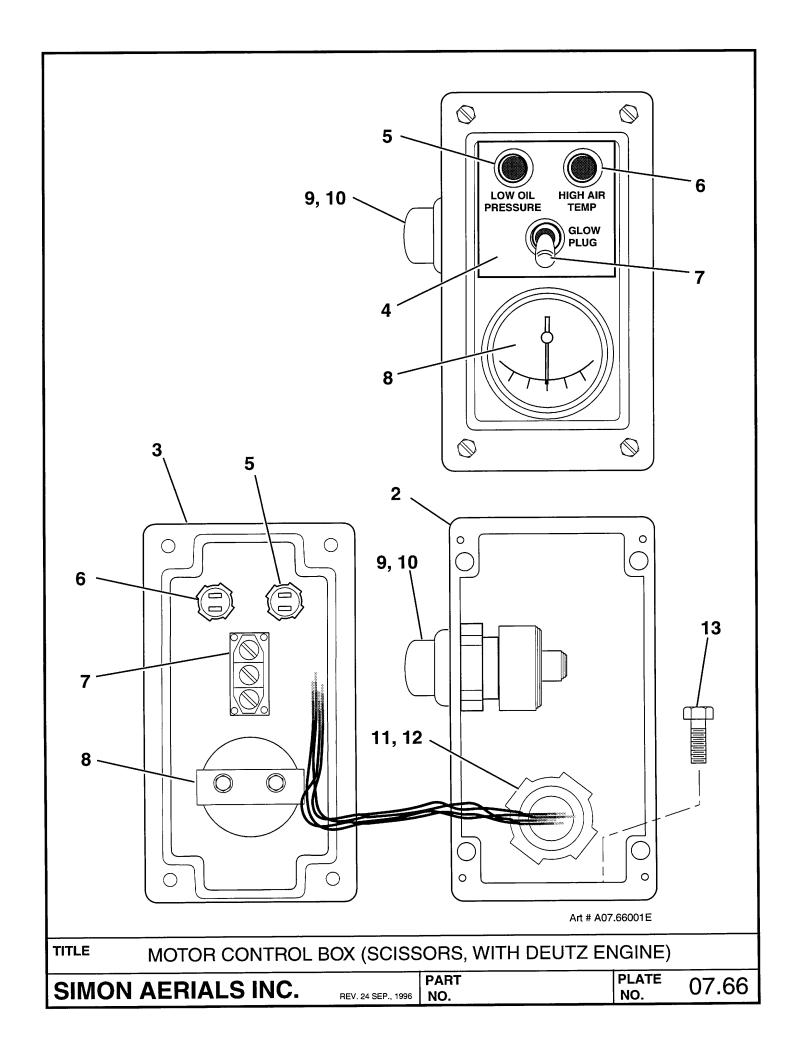
TITLE LOWER CONTROL BOX, ENGINE POWERED SCISSORS (PLATE 4 OF 4)

SIMON AERIALS INC.

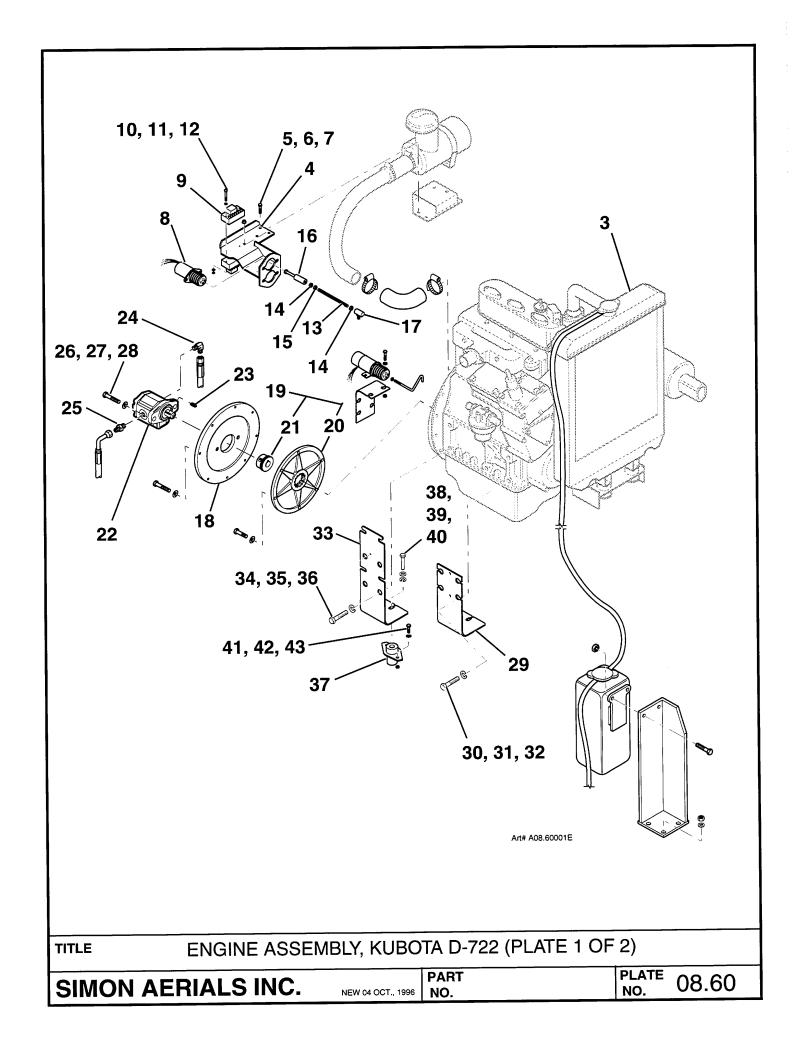
REV. 03 DEC., 1996

PART NO. PLATE NO.

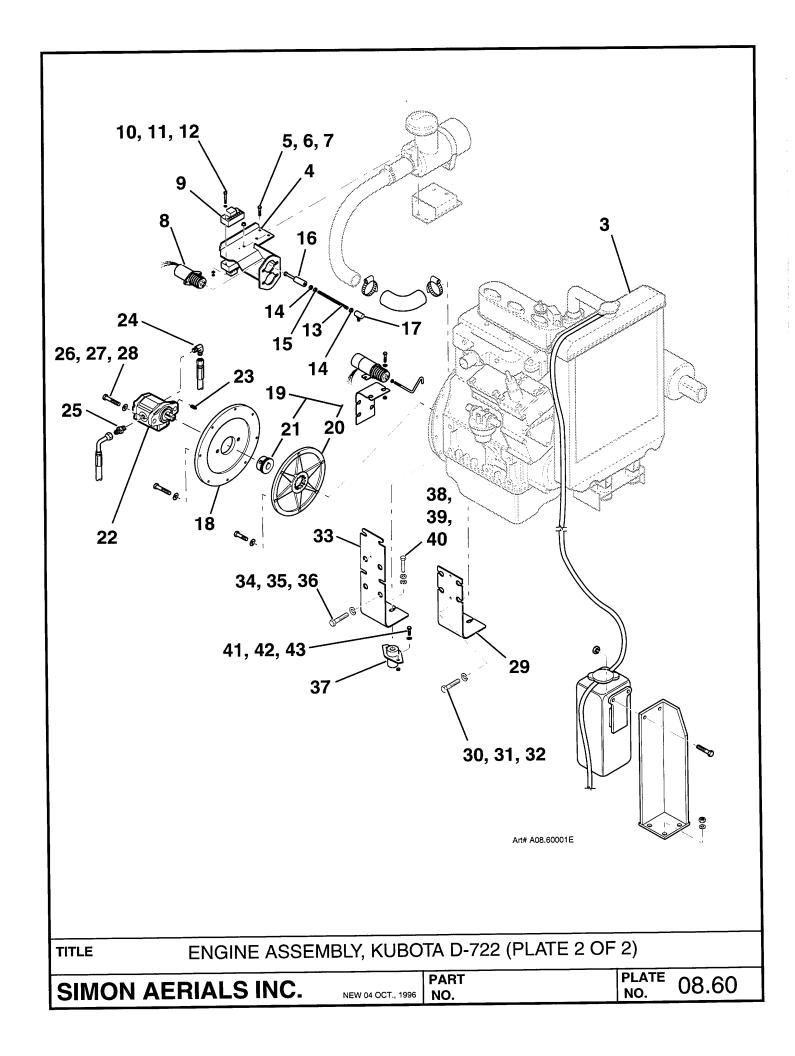
	PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.			
1	354 5400		MOTOR CONTROL BOX ASSEMBLY	1			
2			BOX, MOTOR CONTROL (includes cover) (3.6" wide x 6.0" high x 2.5" deep [92 x 152 x 64 mm])				
	03-406100		Undrilled box				
	223 1290		Drilled for this application				
3	223 1300		COVER, MOTOR CONTROL BOX	1			
4	10-232700		DECAL, MOTOR CONTROL BOX	1 1			
5 6	03-720400 03-720400		LAMP, INDICATOR (Low oil pressure) LAMP, INDICATOR (High engine temperature)				
7	03-427600		SWITCH, TOGGLE (Glow Plug)	,			
,	00 (2, 000		(2 position, momentary contact) (replaces 22-800403)	1			
8	03-030400		AMMETER (50 Amp)	1			
9	03-020300		SWITCH, PUSH BUTTON	1 1			
10	03-020301		CAP, PUSH BUTTON SWITCH (Black Vinyl) GRIP, CORD (Plastic, 3/4", with .545 to .708" dia. seal)	1			
11 12	03-700500 03-055600		NUT, CONDUIT LOCK (3/4")	1			
13	07-029365		SCREW, HEX WASHER HEAD				
			(#12 x 1", Self drilling, with rubber seal)	2			
1							
TITLI	TITLE MOTOR CONTROL BOX (SCISSORS, WITH DEUTZ ENGINE)						
PLA1			DADT				
NO.	07.66	SIMO	N AERIALS INC. REV. 24 SEP., 1996 NO.				



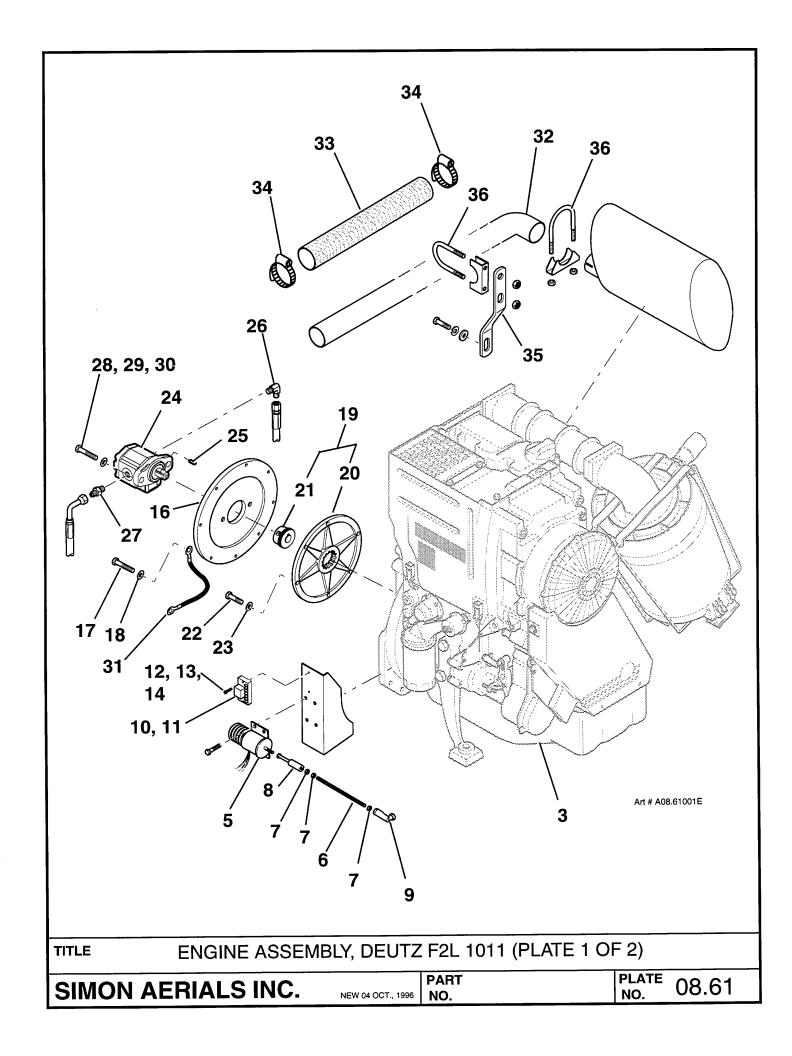
PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1			ENGINE GROUP (Kubota D 722B)		
2			ENGINE ASSEMBLY	1	
3	09-054200		ENGINE, DIESEL (Kubota D 722B) (liquid cooled)	1	
4			BRACKET, THROTTLE SOLENOID	1	
5	~= ^~~		CAP SCREW, HEX HEAD (1/4"-20, Grade 5)	2 2	
6 7	07-062014 07-050014		WASHER, FLAT (1/4") NUT, HEX LOCK (1/4"-20, Grade 5)	2	
8	07-050014		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.	1	
4.4	07.404400		6.75" [171.5 mm] needed here.) NUT, COUPLING (1/4"-28)	3	
14 15	07-101100 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")]	
21			HUB, PUMP COUPLING	4	
22	01 100000		PUMP, HYDRAULIC For Model 2515 (0.677 in ³ [11.1 c.c.]/ rev.)	1 '	
	01-108000 01-109100		For Model 3020, 3715 or 4612 (1.403 in ³ [23 c.c.]/ rev.)		
23	01-109100		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") WASHER, FLAT (3/8")	2	
28	07-062016		WASHER, LET (00)	-	
TITLE	<u> </u>		ACCEMBLY KLIBOTA D 702 (DI ATE 1 OE 2)		
		INGINE	ASSEMBLY, KUBOTA D-722 (PLATE 1 OF 2)		
PLAT	^{TE} 08.60	SIMO	NAERIALS INC. NEW 04 OCT., 1996 NO.		



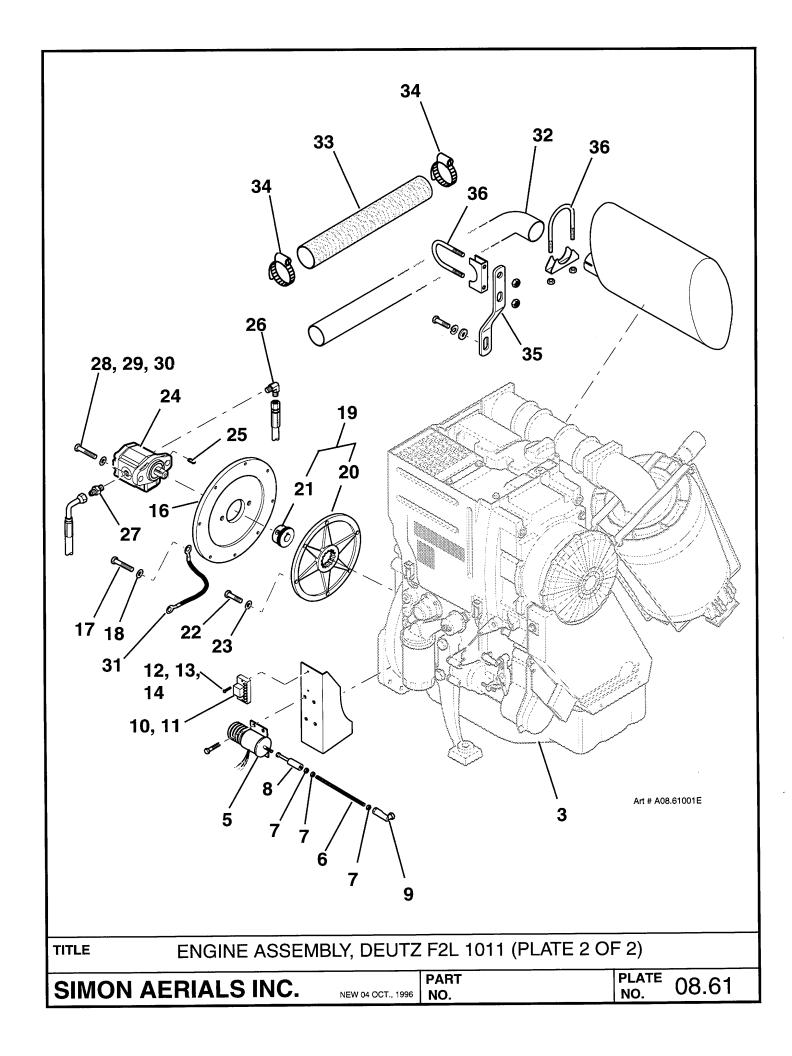
PARTS LIST							
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.			
29			BRACKET. ENGINE MOUNTING (front)	2 8			
30 31			CAP SCREW, HEX HEAD (comes with engine) WASHER, HELICAL LOCK (comes with engine)	8			
32			WASHER, FLAT (comes with engine)	8			
33	214 2610		BRACKET. ENGINE MOUNTING (rear)	2			
34	07-003092		CAP SCREW, HEX HEAD (1/2"-13 x 2-3/4", Grade 5) WASHER, HELICAL LOCK (1/2")	8 8			
35 36	07-065018 07-062018		WASHER, FLAT (1/2")	8			
37	09-062500		MOUNT, ENGINE (Rubber isolator)	4			
38	07-003046		CAP SCREW, HEX HEAD (3/8"-16 x 1-1/4", Grade 5)	4 4			
39 40	07-065016 07-062016		WASHER, HELICAL LOCK (3/8") WASHER, FLAT (3/8")	4			
41	0. 00_0,0		CAP SCREW, HEX HEAD (1/4"-20 x 1", Grade 8)	8			
42	07-062014		WASHER, FLAT (1/4")	8 8			
43	07-040014		NUT, HEX (1/4"-20, Grade 5)				
TITLE	TITLE ENGINE ASSEMBLY, KUBOTA D-722 (PLATE 2 OF 2)						
PLAT	^{TE} 08.60	CINAC	NAERIALS INC. NEW 04 OCT., 1996 NO.				
NO.	00.00	SIIVIO	N AERIALS IIVC. NEW 04 OCT., 1996 NO.				



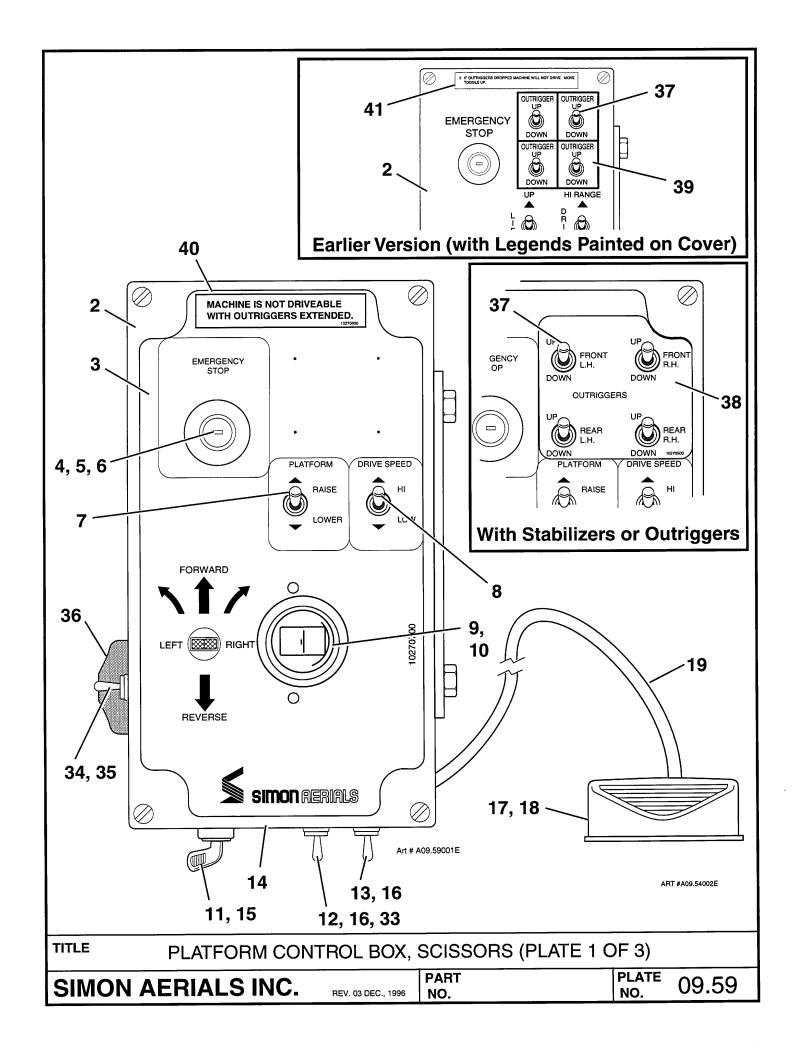
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1			ENGINE GROUP (Deutz F2L 1011)			
2			ENGINE ASSEMBLY	1		
3	09-047500		ENGINE, DIESEL (Deutz F2L 1011)			
			(27 HP [20.1 kw], air cooled 2 cylinder)	1		
4	09-044801		SOLENOID, FUEL SHUTDOWN (comes with engine)	1		
5	03-469400		SOLENOID, THROTTLE (does not include module) ROD, LINKAGE	1		
6 7	03-469404 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) SWITCH, OIL PRESSURE (comes with engine)	1		
15 16	09-061700		PLATE, PUMP ADAPTER (14")			
17	07-104200		CAP SCREW, SOCKET HEAD			
''	07 104200		(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	6		
23	07-066005		(M8 x 20 mm, Grade 12.9) WASHER, LOCK (8 mm)	6		
23	01-108000		PUMP, HYDRAULIC (0.677 in³ [11.1 c.c.]/ rev.)	1		
25	01 100000		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 F50X-S) (12MJ-12MB)	1		
28	07-003045		CAP SCREW, HEX HEAD (3/8"-16 x 1", Grade 5)	2 2		
29	07-065016		WASHER, HELICAL LOCK (3/8")	2		
30	07-062015 03-612800		WASHER, FLAT (5/16", standard) CABLE, GROUND (Black battery cable, #1 AWG)	1		
) J	03-012600		GABLE, CITOSINE (Black battery stable, 11 7.144C)			
i						
TITLE SALOINE ACCEMBLY DELITZ FOL 1011 (DLATE 1 OF 0)						
	TITLE ENGINE ASSEMBLY, DEUTZ F2L 1011 (PLATE 1 OF 2)					
PLAT NO.	^{TE} 08.61	SIMO	NAERIALS INC. NEW 04 OCT., 1996 NO.			
LIVU.			1101			



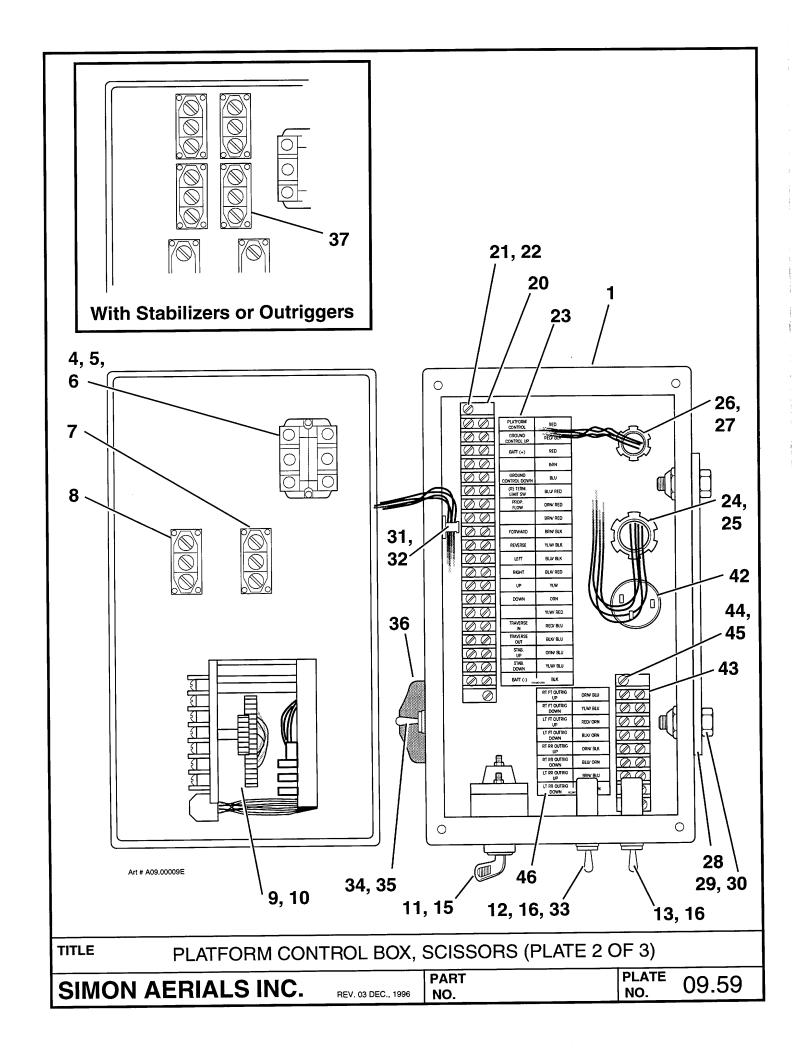
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
32	17111110		PIPE, EXHAUST	1		
	223 1650		For Models 2020, 3715 or 4612			
33	09-081600		For Models 3020, 3715 or 4612 SHIELD, HEAT (Fibreglass cloth sleeve)	1		
34	09-015100		CLAMP, WORM (2" #24)	2		
35	223 1680		BRACKET, EXHAUST PIPE MOUNTING For Model 2515	1		
	220 1000		For Models 3020, 3715 or 4612			
36	09-015400		CLAMP, MUFFLER (2")	2		
	100					
TITL	 	NGINE A	ASSEMBLY, DEUTZ F2L 1011 (PLATE 2 OF 2)			
	DADT					
PLA NO.	^{TE} 08.61	SIMO	NAERIALS INC. NEW 04 OCT., 1996 NO.			



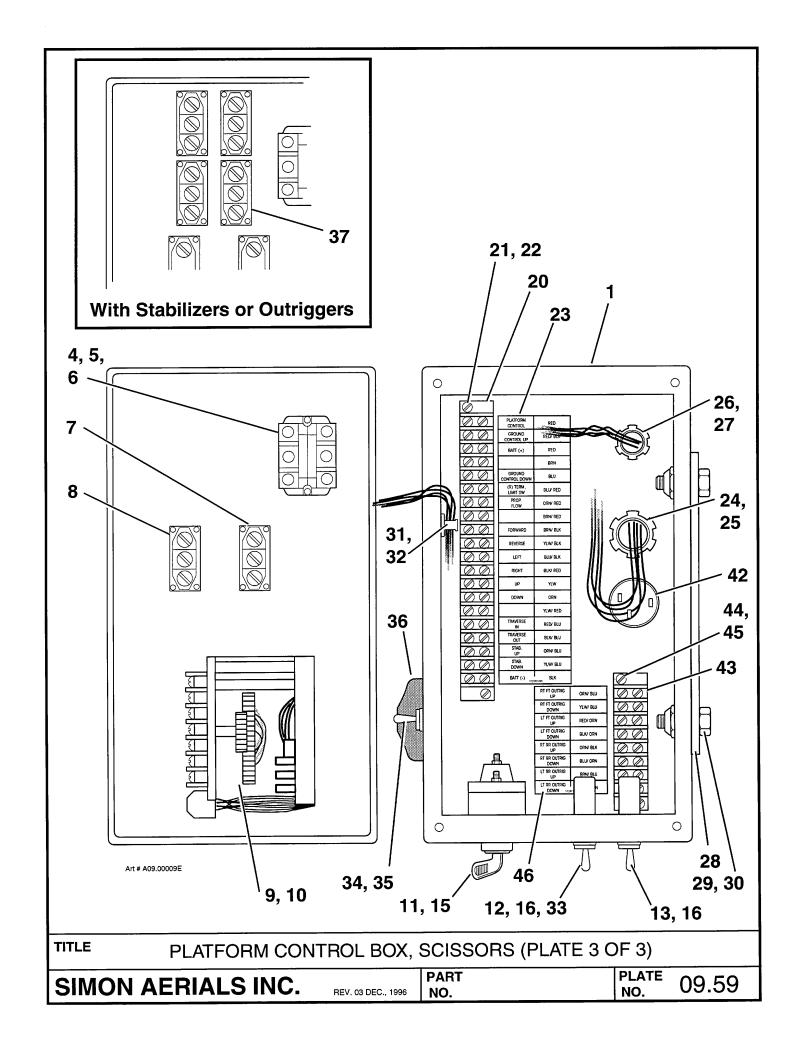
PARTS LIST								
ITEM	ITEM PART NO SECTION DESCRIPTION QTY.							
1	TAITING	02011011	PLATFORM CONTROL BOX ASSEMBLY	<u> </u>				
	352 6710		Electric powered scissors, without stabilizers or					
			outriggers, and without optional traversing deck					
	352 6720		Fuel powered scissors, without stabilizers 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)					
	10.070700		White, with black painted legends (earlier versions) PLACARD, PLATFORM CONTROL (for current version)	1 1				
3 4	10-272700 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	2				
11	03-619300		(#10-32 x 1/2", Grade 2) SWITCH, IGNITION (4 position)					
	03-619300		(for fuel powered scissors only)	1				
12	03-427600		SWITCH, TOGGLE (Choke) (for fuel powered scissors	•				
1	00 12/000		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	60 450500		PLUG, HOLE (for leftmost hole, electric scissors)					
	03-453700		1/2" (earlier versions) 3/4" (later versions)					
16	03-490000 03-453700		PLUG, HOLE (1/2") (for electric powered scissors only)	2				
17	03-433700		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)								
DI ATE								
NO.	6 09.59	SIMO	NAERIALS INC. REV. 03 DEC., 1996 NO.					



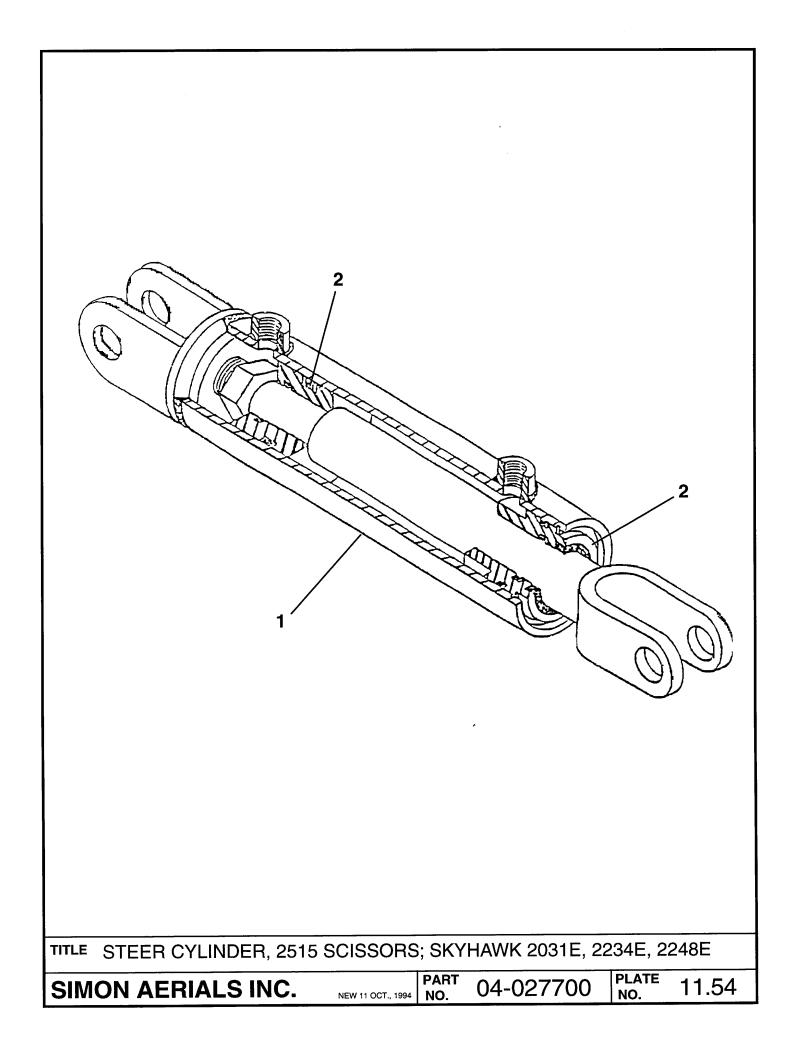
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
			PLATFORM CONTROL BOX ASSEMBLY (contin	nued)		
20	03-610100		STRIP, TERMINAL (20 position)	1 1		
21	07-011335		MACHINE SCREW, PAN HEAD (#6-32 x 1/2' NUT, LOCK (#6-32, Grade 5)	', Grade 2) 2		
22 23	07-050007		DECAL, 20 POSITION TERMINAL BLOCK	1		
20	10-265500		For electric powered versions except as lis	ted below		
	10-279900		For engine powered versions except as list			
	10-280000		For versions with optional side by side out	riggers, but		
0.4	00 700700		without optional traversing deck GRIP, CORD (3/4", Plastic, for .545" to .708"	cobio) 1		
24 25	03-700500 03-055600		NUT, CONDUIT LOCK (3/4")	cable) 1		
26	03-700400		GRIP, CORD (1/2", Plastic, for .236" to .472"	cable) 1		
27	03-055500		NUT, CONDUIT LOCK (1/2")	1		
28	222 1720		BRACKET, CONTROL BOX MOUNTING	,		
			(to fit 1-1/2" [38 mm] square rail) CAP SCREW, HEX HEAD (1/4"-20 x 7/8", Gr	ade 5) 2		
29 30	07-003004 07-050014		NUT, LOCK (1/4"-20, Grade 5)	aue 5) 2		
31	03-439000		TIE, CABLE (3.62" [92 mm] long)	A.R.		
	03-064000		TIE, CABLE (7.4" [188 mm] long)	A.R.		
32	03-064100		MOUNT, CABLE TIE	A.R.		
		ļ				
PLATFORM CONTROL BOX, SCISSORS (PLATE 2 OF 3)						
PLATE 09.59 SIMON AERIALS INC. REV. 03 DEC., 1996 NO.						
NO. SIMON AERIALS INC. REV. 03 DEC., 1996 NO.						



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'	03-020300		(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 10-270500		when two outrigger switches are fitted 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)		
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 2	
45 46	07-050007		NUT, LOCK (#6-32, Grade 5) 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)					
PLATE 09.59 SIMON AERIALS INC. REV. 03 DEC., 1996 NO.					
NO.	6 09.59	SIIVIO	NACRIALS INC. REV. 03 DEC., 1996 NO.		



PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	04-027700	0101111	CYLINDER ASSEMBLY, STEER			
2	04-027701		(1-1/2" bore, 6" stroke) (marked " TM 150 6012 CA-00 ") SEAL KIT, STEER CYLINDER			
2	04-027701		SEAL RIT, STEER CILINDER			
		; }				
TITLI	F OTEED ()		2 2515 SCISSORS: SKVHAWK 2031E 2234E 22	248F		
	DART.					
PLA NO.	^{TE} 11.54	SIMO	NAERIALS INC. NEW 11 OCT., 1994 NO. 04-0)27700		



	PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1	04-052600		CYLINDER, LIFT (3" bore, 30" stroke, 1-1/2" rod) Cylinder is marked "BMP 8330" (Note: Some earlier versions were identified as "04-051700")	1	
2	04-050100		Cylinder is marked " PMC 8330" (Obsolete. Replaced by 04-052600.) SEAL KIT	1	
	04-052601 04-050101		For cylinder marked " BMP 8330" (Note: Some earlier versions were identified as "04-051701") For cylinder marked " PMC 8330"		
3	03-611700		FUSE, VELOCITY For Model 2515 , Upper scissors: 4 Gal [15.1 L]/ min. (Color-coded Red)	1	
	03-611700		For Model 3715 , Upper or Lower scissors (early versions): 4 Gal [15.1 L]/ min. (Color-coded Red) For Model 3715 , Upper or Lower scissors (later versions):		
	03-611500		5 Gal [18.9 L]/ min. (Color-coded Black)		
			-		
TITLE	LIET OVI	NDED S	CISSORS (2515 LIPPER: 3715 LIPPER AND LOWE	B)	
TITLE LIFT CYLINDER, SCISSORS (2515, UPPER; 3715, UPPER AND LOWER)					

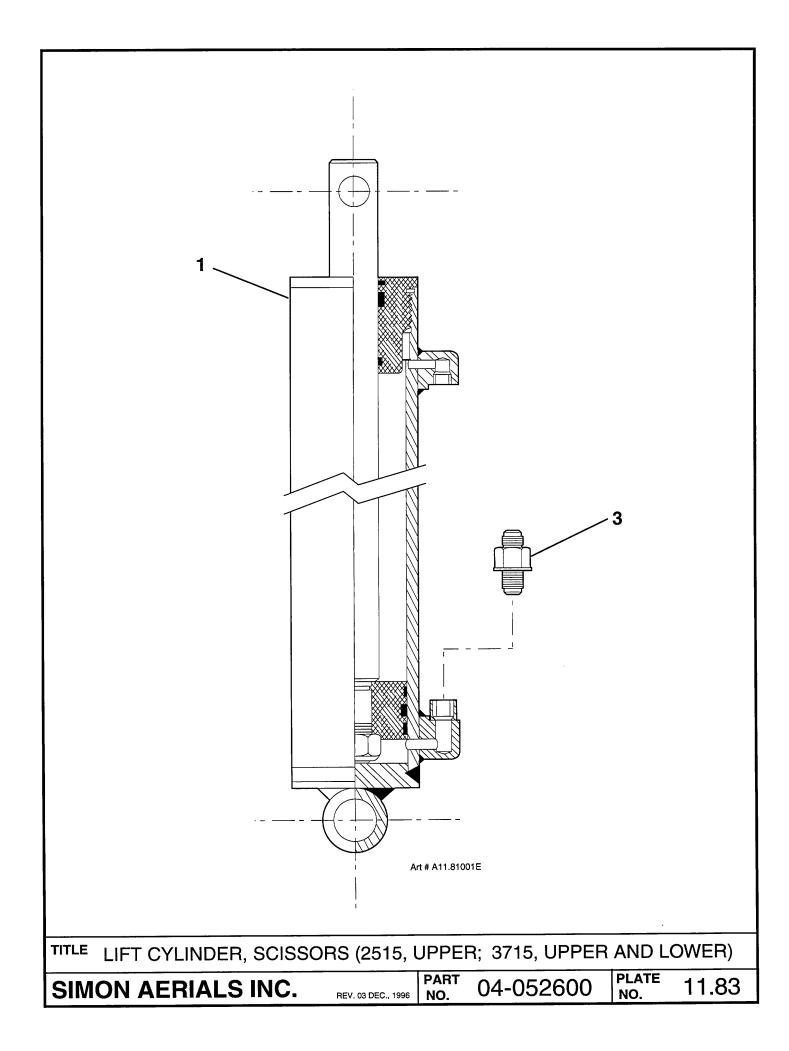
SIMON AERIALS INC.

PART NO.

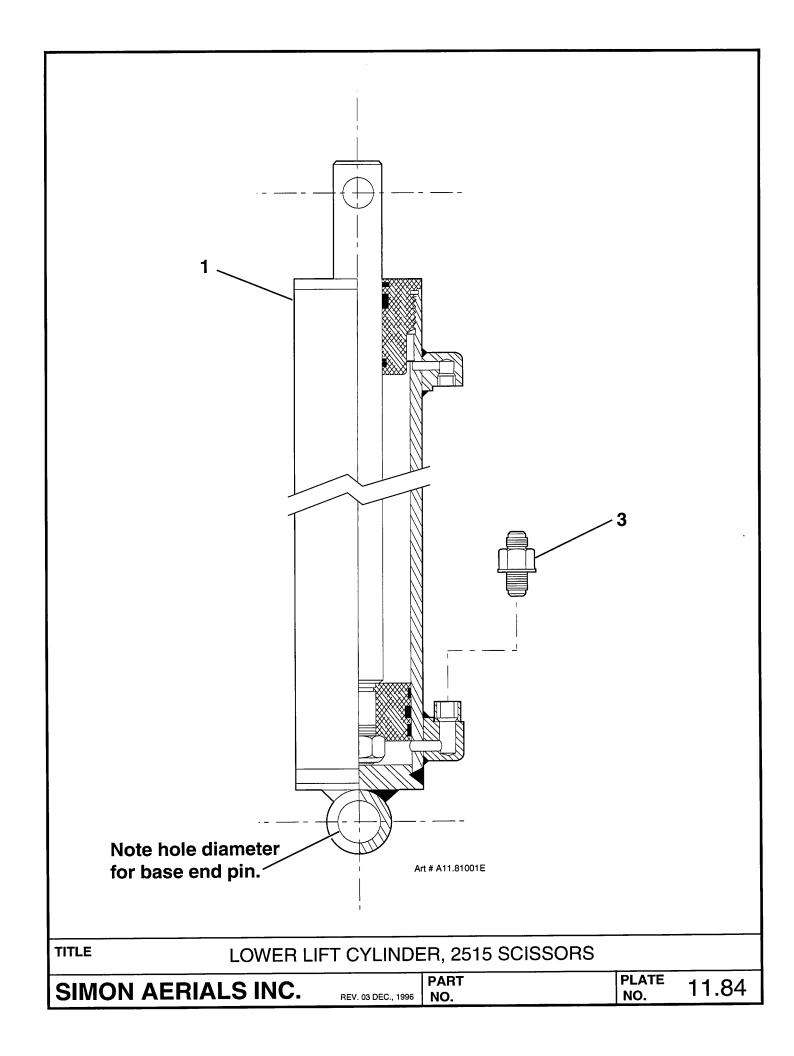
REV. 03 DEC., 1996

04-052600

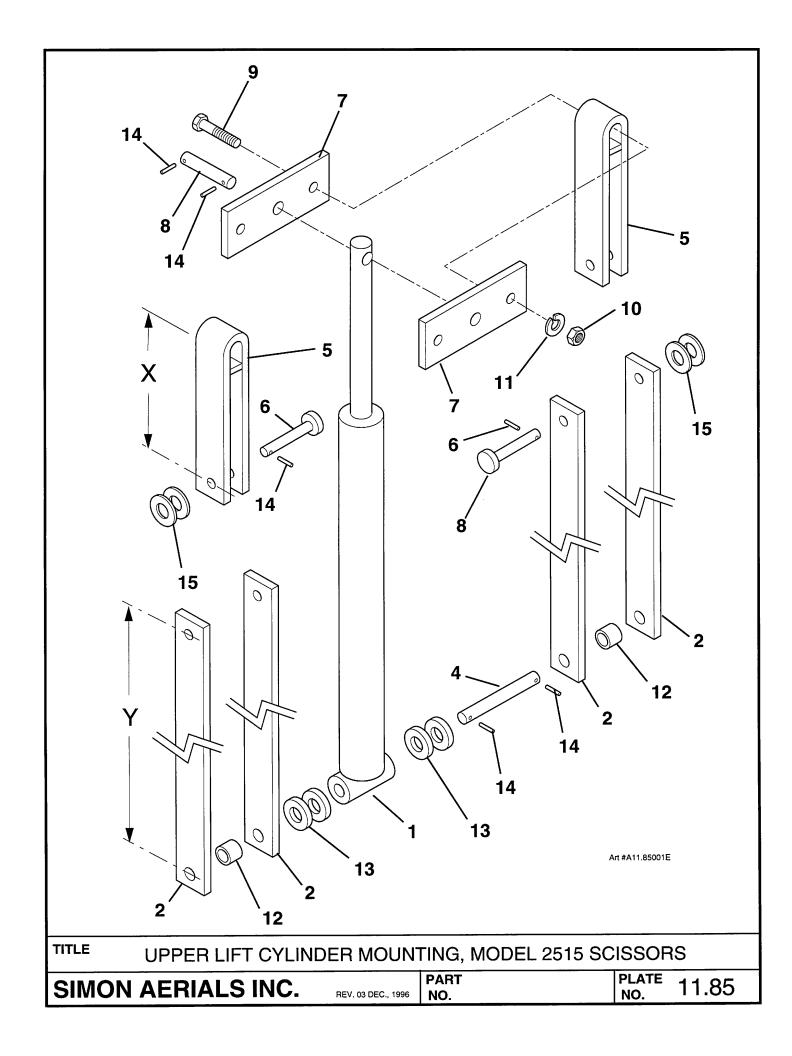
PLATE 11.83



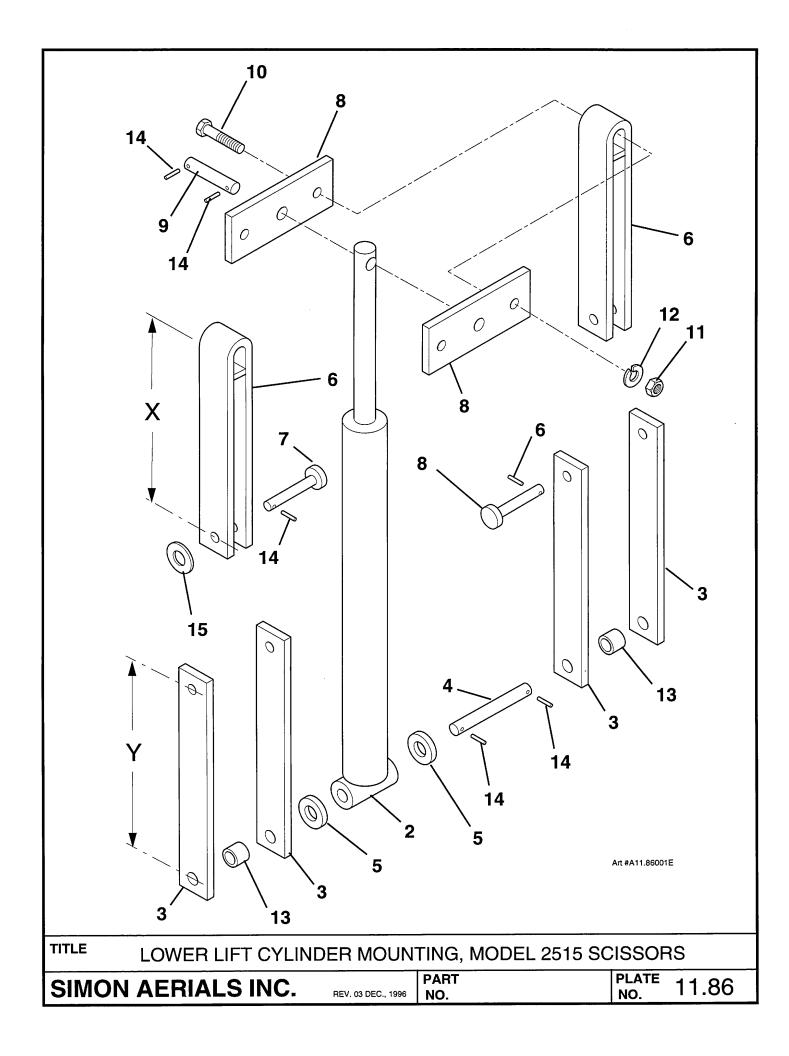
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESC	RIPTION		QTY.
1	04-052500		CYLINDER, LIFT (3-1/2" to Current version. Cylinder Base end is drilled for	er is marked " BMP 55 1-1/4" (32 mm) pin.	30". Replaces	1
				1.86 for Mounting Upg	grade Kit	
	04-050000		Note 2: Some earlie "04-051600". Earlier version. Cylinder (Obsolete. Replaced b			
3	04-052501 04-050001 03-611500		SEAL KIT For cylinder marked "BN versions were identified For cylinder marked "PN FUSE, VELOCITY 5 Gal [18.9 L]/ min. (Cold	IP 5530" (Note: Som d as "04-051701") IC 5530"	e earlier	1
	00 011000		o da (10.0 E)			
						STATE
TITLE		1 014	/ER LIFT CYLINDER, 2	515 SCISSORS		
PLAT		 		PART	•	
NO.	^E 11.84	PINIO	N AERIALS INC.	REV. 03 DEC., 1996 NO.		



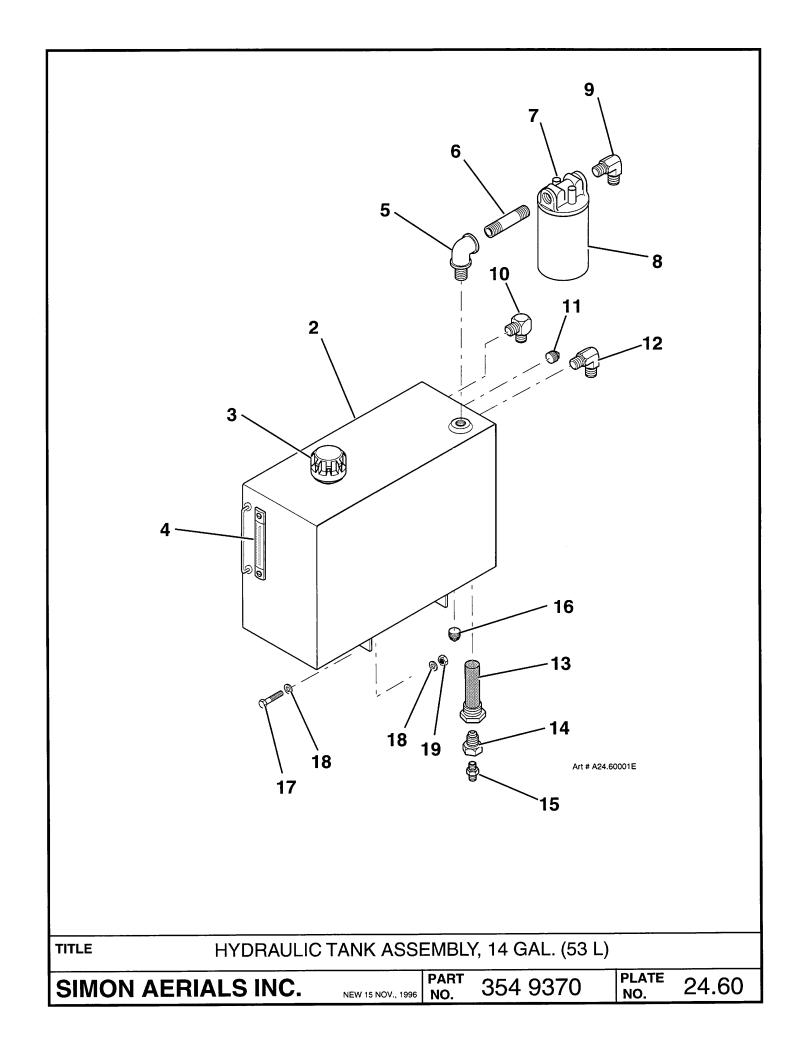
	PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
		:	UPPER LIFT CYLINDER ASSEMBLY	1	
	354 8930 354 3610		Current version, using upgraded components listed below Earlier version, no longer serviced. Use 354 8930.		
	334 3010		Lamer version, no longer serviced. Ose 654 6566.		
1	See Plate	11.83	CYLINDER, LIFT (Upper)	1	
2	221 1820		STRAP, LIFT CYLINDER (ref. "Y" = 25-3/4" [.654 m]) MOUNTING UPGRADE KIT, UPPER LIFT CYLINDER	4	
3 4	55-000500 236 7160		PIN, LIFT CYLINDER (Base end) (1.0" x 7.38"	'	
•			[25 x 186 mm]) (end of pin is stamped "C")		
_	000 7400		(replaces pin 221 1930, which has no stamp)	1	
5	236 7180		CLEVIS, LIFT CYLINDER (ref. "X" = 6.38" [162 mm]) (replaces 221 1790)	2	
6	236 7230		PIN, CLEVIS (0.75" x 1.75" [19 x 44.5 mm]) (end of pin is		
_			stamped "C") (replaces 222 3610, which has no stamp)	4	
7	236 7210		PLATE, LIFT CYLINDER YOKE (6-5/8" x 2" x 5/8", with holes for 1" bolts) (replaces 221 1880, which was drilled		
			for 7/8" bolts)	2	
8	236 7240		PIN, LIFT CYLINDER (Rod end) (1.0" x 4.31"		
			[25 x 109 mm]) (end of pin is stamped "C") (replaces pin 221 1920, which has no stamp)	1	
9	07-122900		CAP SCREW, HEX HEAD (1"-8 x 4-1/2", Grade 5)		
			(replaces 7/8"-14 x 4" yoke bolt 221 3210, used earlier)	2	
10	07-090011		NUT, STOP (1"-8, Grade 5)	2	
11	07-090010		(replaces 7/8"-14 nut 07-100400, used earlier) WASHER, HELICAL LOCK (1")	_	
'	07 000010		(replaces 7/8" lock washer 07-100500, used earlier)	2	
12	221 2130		SPACER (1.05" I.D. x .75" thick)	2	
13 14	07-060024 07-100000		WASHER, FLAT (1", SAE) ROLL PIN (5/16" x 2")	8	
15	07 100000		WASHER, FLAT (optional forms used)		
	07-062022		3/4" SAE	6	
	07-106000		or Machinery Bushing (3/4" I.D., 1-1/4" O.D., .048" thick)	A.R.	
	07-100000		Machinery Bushing (6/4 1.5., 1 1/4 C.5., 1040 think)	7	
	ŧ				
TITLE UPPER LIFT CYLINDER MOUNTING, MODEL 2515 SCISSORS					
PLAT	E 11.85	SIMO	N AERIALS INC. REV. 03 DEC., 1996 NO.		
NO.	11.00	Cilvio	NALTIALS INC. REV. 03 DEC., 1996 NO.		



	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
			LOWER LIFT CYLINDER ASSEMBLY	1		
	354 8920		Current version, using upgraded components listed below			
	354 3600		Earlier version, no longer serviced. Use 354 8920.			
4	EE 000600		MOUNTING UPGRADE KIT, LOWER LIFT CYLINDER	1		
1 2	55-000600 See Plate	11.84	CYLINDER, LIFT (Lower) (modified)	1		
3	236 7150	11.07	STRAP, LIFT CYLINDER (ref. "Y" = 13-7/8" [.352 m], with			
	2001.00		hole for 1-1/4" pin) (replaces 221 1850, which was			
			drilled for 1" pin)	4		
4	236 7170		PIN, LIFT CYLINDER (Base end) (1.25" x 8.13"			
			[32 x 206 mm]) (end of pin is stamped " C ")			
			(replaces pin 221 2010, which measures 1.0" x 7.81"	-		
_	00 000000		[25 x 198 mm] and has no stamp)	1		
5	08-083000		WASHER, THRUST (Bronze, 1-1/4" I.D.) (replaces 1" washer 07-060024, used earlier)	2		
6	236 7190		CLEVIS, LIFT CYLINDER (ref. "X" = 18-3/8" [.467 m],			
	2007100		with welded outer reinforcing wrapper at top)			
			(replaces 221 1750, which was not reinforced)	2		
7	236 7230		PIN, CLEVIS (0.75" x 1.75" [19 x 44.5 mm]) (end of pin is			
			stamped "C") (replaces 222 3610, which has no stamp)	4		
8	236 7220		PLATE, LIFT CYLINDER YOKE (6-5/8" x 2" x 5/8", with			
			holes for 1" bolts) (replaces 221 3340, which was drilled	2		
9	236 7240		for 7/8" bolts) PIN, LIFT CYLINDER (Rod end) (1.0" x 4.31"	4		
9	230 7240		[25 x 109 mm]) (end of pin is stamped "C")			
			(replaces pin 221 1920, which has no stamp)	1		
10	07-122900		CAP SCREW, HEX HEAD (1"-8 x 4-1/2", Grade 5)			
			(replaces 7/8"-14 x 4" yoke bolt 221 3210, used earlier)	2		
11	07-090011		NUT, STOP (1"-8, Grade 5)			
			(replaces 7/8"-14 nut 07-100400, used earlier)	2		
12	07-090010		WASHER, HELICAL LOCK (1")	2		
13	221 2130		(replaces 7/8" lock washer 07-100500, used earlier) SPACER (1.05" I.D. x .75" thick)	2 2		
14	07-100000		ROLL PIN (5/16" x 2")	8		
15	07 100000		WASHER, FLAT (optional forms used)			
	07-062022		3/4" SAE	2		
			or			
	07-106000		Machinery Bushing (3/4" I.D., 1-1/4" O.D., .048" thick)	A.R.		
TITLE LOWER LIFT CYLINDER MOUNTING, MODEL 2515 SCISSORS						
PLAT	E 44 00	CIRAC	AL A EDIAL CINIC PART			
NO.	⁻ 11.86		N AERIALS INC. REV. 03 DEC., 1996 NO.			

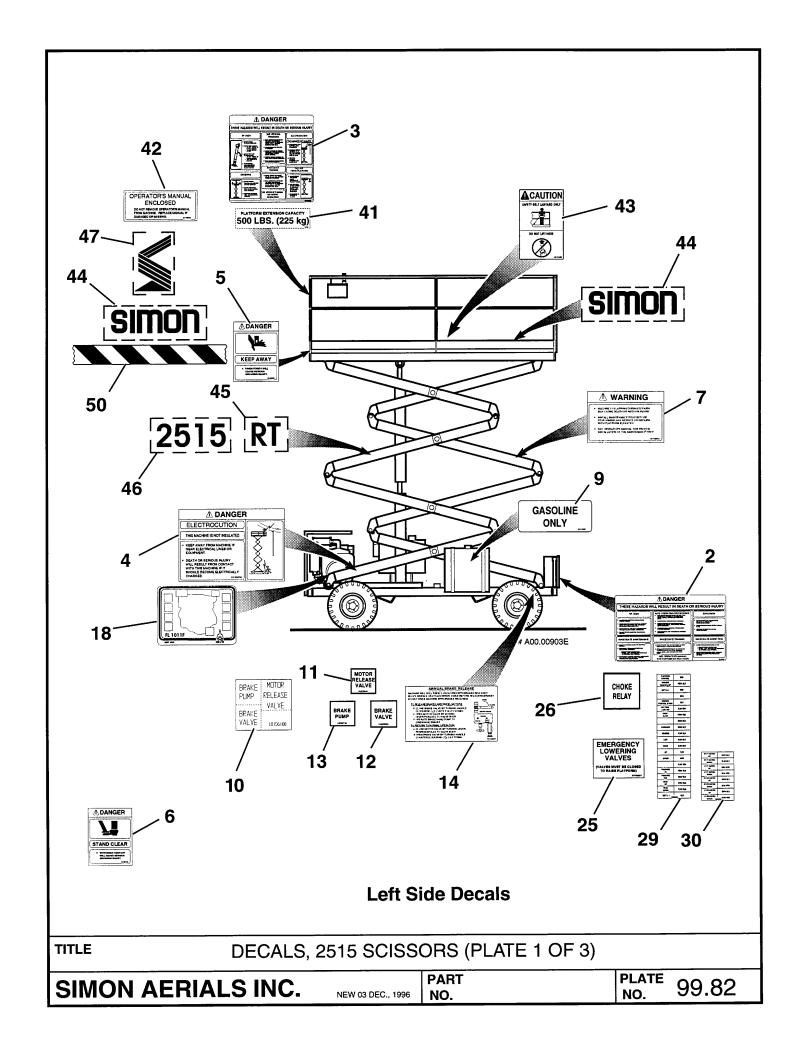


	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	354 9370		TANK ASSEMBLY, HYDRAULIC	1		
2	01-103500		TANK, HYDRAULIC (14 Gal [53 L] capacity)	1		
3	01-097800		CAP ASSEMBLY, HYDRAULIC TANK			
			(includes 10 micron filter, breather and strainer)	1 1		
4	01-074100		GAUGE, FLUID LEVEL (with thermometer) 90° STREET ELBOW (3/4" NPT)	1		
5 6	11-300800 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 state of the s			
			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)						
PLAT	E 24.60	SIMO	N AERIALS INC. NEW 15 NOV., 1996 NO. 354 93	70		
NO.	۷٦.00	Silvio	NACRIALS INC. NEW 15 NOV., 1996 NO. 334 93	. 🧡		

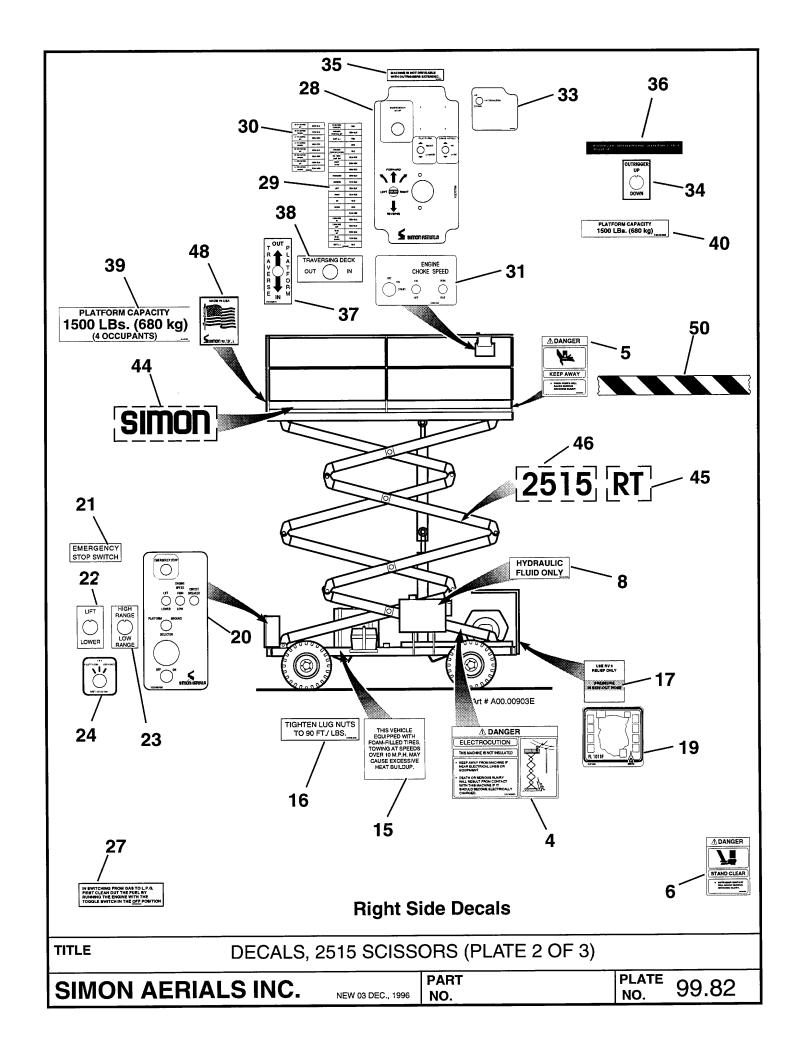


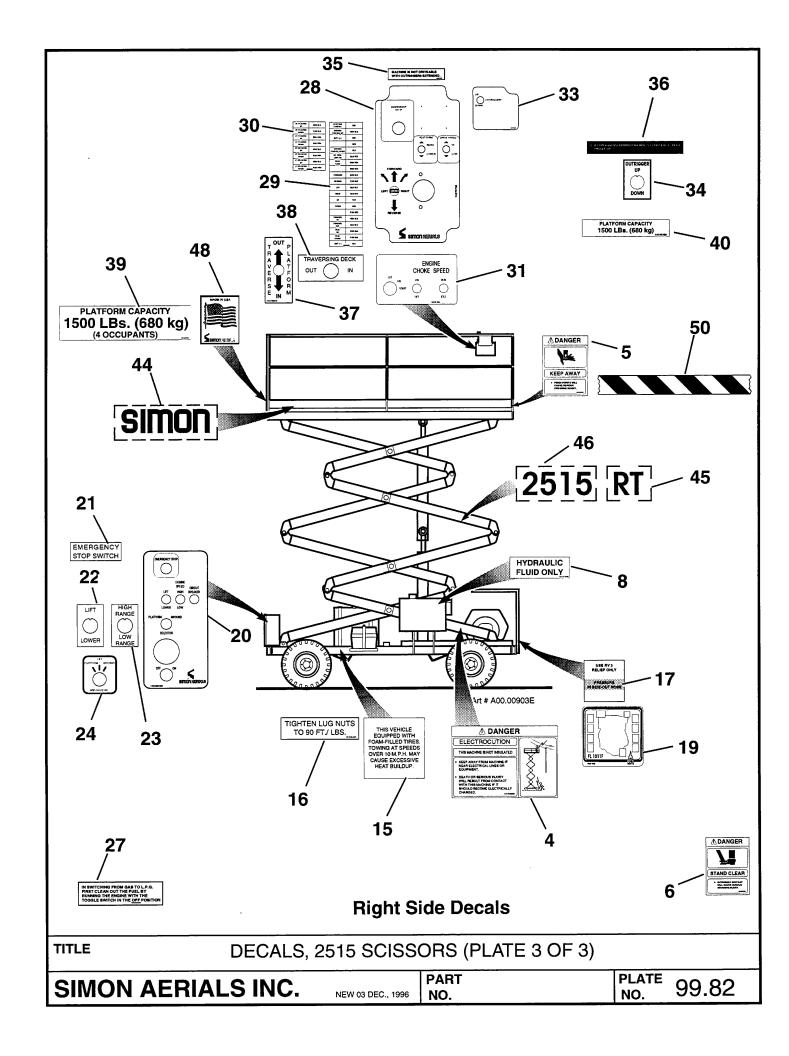
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1			DECAL KIT, 2515 Scissors (Not available. Order decals			
			individually.)	1		
2	10-261400		DECAL, "DANGER" (Hazard listing, at ground controls)			
٠	10.400400		(Supersedes earlier version labelled 10-130600.)	1		
3	10-130400		DECAL, "DANGER" (Hazard listing, at platform controls)	1 2		
4 5	10-130000 10-130300		DECAL, "DANGER" ("Electrocution") DECAL, "DANGER" ("Keep away. Pinch points will")	2		
6	10-130300		DECAL, "DANGER" ("Stand clear. Outrigger contact")	4		
7	10-130200		DECAL, "WARNING" ("Machine collapsing")	1		
8	10-151300		PLACARD, "HYDRAULIC FLUID ONLY"	1 1		
9			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)			
10	10-156100		DECAL, "MOTOR RELEASE VALVE; BRAKE VALVE;			
4.4	10 000000		BRAKE PUMP" (3 decais on tear off sheet, standard style)]]		
11	10-228600		DECAL, "MOTOR RELEASE VALVE" (optional style)	1 1		
12 13	10-228800 10-228700		DECAL, "BRAKE VALVE" (optional style) DECAL, "BRAKE PUMP" (optional style)			
14	10-144500		DECAL, "MANUAL BRAKE RELEASE"	4		
15	10-14-500		DECAL, FILLED TIRES			
10			(This vehicle equipped Towing at speeds over 10 ")	1		
	10-208300		With calcium filled tires			
	47-100107		With foam filled tires (replaces 47-215359)			
16	10-209400	***************************************	DECAL, "TIGHTEN LUG NUTS TO 90 FT./ LBS."	1		
17	10-232600		DECAL, RELIEF VALVE ("Use RV3 in side - out nose")	1		
18	10-232600		DECAL, DEUTZ FL1011 ENGINE (marked "02974983")	1		
19	10-232800		DECAL, ENGINE CONTROL BOX (for Deutz Diesel only)	1		
	10.066000		(Glow plug/ Low oil pressure/ High engine temp) PLACARD, GROUND CONTROL	•		
20	10-266000		(Later version. Replaces individual decals, below)	1		
21	47-100224		DECAL, "EMERGENCY STOP SWITCH" (obsolete)			
22	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		
23	10-205100		PLATE, "HIGH RANGE/ LOW RANGE" (obsolete)			
			(if so equipped)	1		
TITLE		DEC	ALS, 2515 SCISSORS (PLATE 1 OF 3)			

PLAT	^E 99.82	SIMO	N AERIALS INC. NEW 03 DEC., 1996 PART NO.			
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	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
24	10-225800		DECAL, "PLATFORM/ OFF/ GROUND" (obsolete)			
			(some earlier versions were labelled 10-122100)	1		
25	10-259100		DECAL, "EMERGENCY LOWERING VALVES "			
			(some earlier versions were labelled 47-100321)	1		
26	10.005600		DECAL, RELAY (used inside ground control box as needed) "CHOKE RELAY"	1		
	10-265600 10-265700		"CONTROL RELAY"	1		
	10-265800		"ENGINE HIGH SPEED RELAY"			
	10-232400		"ENGINE RELAY"	1		
	10-232500		"LOW OIL PRESSURE RELAY"	1		
	10-265900		"MOTOR START RELAY"	1		
	10-232900		"PREHEAT RELAY"	1		
27	10-025000 10-270700		DECAL, "IN SWITCHING FROM GAS TO PROPANE" PLACARD, PLATFORM CONTROL (For current versions.	'		
28	10-270700		Earlier versions had information printed directly on box top)	1		
29			DECAL, 20 POSITION TERMINAL BLOCK (inside box)	2		
	10-265500		For electric powered versions except as listed below			
	10-279900		For engine powered versions except as listed below			
	10-279800		For electric powered versions with optional side by side			
	40.00000		outriggers, but without optional traversing deck	:		
	10-280000		For engine powered versions with optional side by side outriggers, but without optional traversing deck			
30			DECAL, 8 POSITION TERMINAL BLOCK (inside box)	2		
"	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			
31	10-231700		PLATE, ENGINE SWITCH "START/ CHOKE/ SPEED"			
32	10-207700		(with fuel powered scissors only) DECAL, "GLOW PLUG" (With optional Diesel engine.			
عد ا	10-207700		Mounts over "Choke" toggle.)	1		
33	10-270300		DECAL, "OUTRIGGER, UP/ DOWN"			
			(current version, with optional stabilizers)	1		
34	47-101270		DECAL, "OUTRIGGER, UP/ DOWN"			
			(earlier version, with optional stabilizers)	1.		
35	10-270600		DECAL, "MACHINE IS NOT DRIVEABLE "	1		
36	47-101266		(current version, with optional stabilizers) DECAL, "5. IF OUTRIGGERS DROPPED "	'		
	7/-101200		(earlier version, with optional stabilizers)	1		
37	11-228900		DECAL, "TRAVERSE PLATFORM, IN/ OUT" (current)	1		
38	11-201300		DECAL, "TRAVERSING DECK, IN/ OUT" (earlier version)	1		
				<u> </u>		
TITLE DECALS, 2515 SCISSORS (PLATE 2 OF 3)						
PLAT NO.	^E 99.82	SIMO	N AERIALS INC. NEW 03 DEC., 1996 PART NO.			
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	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
39			DECAL, PLATFORM CAPACITY (large)	1		
	10-143700		"1500 LBs 4 OCCUPANTS" (with standard deck)			
			(some earlier versions were labelled "10227600")			
	10-143600		"1250 LBs 4 OCCUPANTS" (with rollout or traversing			
46			deck)	-		
40	10-149300		DECAL, PLATFORM CAPACITY (small) "1500 LBs (680 kg)" (with standard deck)	•		
	10-149300		"1250 LBs (560 kg)" (with rollout or traversing deck)			
41	10-230400		DECAL, "Platform extension capacity 500 Lbs (225 kg)"	ļ		
71	10 140000		(with optional rollout deck)	1		
42	10-139800		DECAL, "OPERATOR'S MANUAL ENCLOSED"	1		
43	10-272600		DECAL, "CAUTION" ("Safety belt lanyard")	2		
44	10-083000		DECAL, "SIMON" NAME (4" [102 mm] high, Black)	3		
45			DECAL, MODEL (for "RT" versions only)	2		
	10-278900		Reads "2515RT" (Current version)			
	10-269300		Reads "RT" (Earlier version. Used with 10-133600, below.)			
46	10-133600		DECAL, MODEL "2515"	2		
47	10-131900		DECAL, SIMON "S" LOGO			
			(Orange/ Gray, 9" [229 mm] wide x 13-1/2" [344 mm])	1		
48	10-121600		DECAL, "MADE IN U.S.A."	1		
49			DECAL, STRIPING ([4] stripes, 3-3/4" [95 mm] wide)	4.5		
			(Bulk item, order as needed. 28 ft [8.53 m] needed here.)	A.R.		
	10-126800		Orange stripes (standard)			
-0	10-213000		Cream stripes (used with some optional color schemes)			
50	10-069900		TAPE, SAFETY STRIPE (Yellow/ Black diagonal stripe) (2" [51 mm] wide x 36 Yd [33 m] long roll)	A.R.		
			(2"[51 mm] wide x 36 fu [33 m] long lon <i>j</i>	A.i t.		
333333333333333						
. !						
TITLE	TITLE DECALS, 2515 SCISSORS (PLATE 3 OF 3)					
PLAT	^{TE} 99.82	SIMO	N AERIALS INC. NEW 03 DEC., 1996 PART NO.			
NO.	33.02	Citto	NACRIALS INC. NEW 03 DEC., 1996 NO.			

	PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.			
1			DECAL, "SAMSUNG" LOGO	1			
	10-274300		140 mm (5.5") high x 385 mm (15.2") wide				
	10-266600		152 mm (6.0") high x 417 mm (16.4") wide				
				A selete to			
TITLE		DEC/	ALS SAMSLING (SPECIAL)	n Aerials Inc. 00 West Brown Deer Road			
0505:0:	1 51.475.5		. 1 2""	Phone 1-800-47-SIMON			
SECTION	99. PLATE	NO. 99 PA	AGE 01 REV DATED PART 24 H NO.	r (Machine) 414-362-8280 114-355-3172			



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

PART

NO.

DECALS, SAMSUNG (SPECIAL)

REV.

DATED 30 JUL., 1996 SECTION 99

99. PLATE NO. 99

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