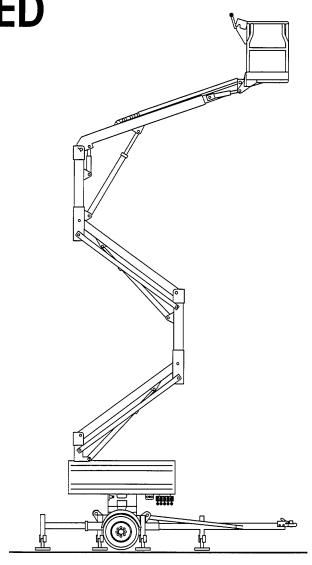
# TEREX AERIALS Milwaukee, Wisconsin

RZB 50 RZB 55

ILLUSTRATED PARTS CATALOG

FOR MACHINE SERIAL NUMBER



Part No. 89-472005 • Revision A.3 dated Sep., 1994 •

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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 RZB 50/55 TRAILER MOUNTED AERIAL WORK 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 RZB 50 or RZB 55 are included in this Catalog.

The "Primary Machine Component Groups" page illustrates the four 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 four sections (1 through 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:

- 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:

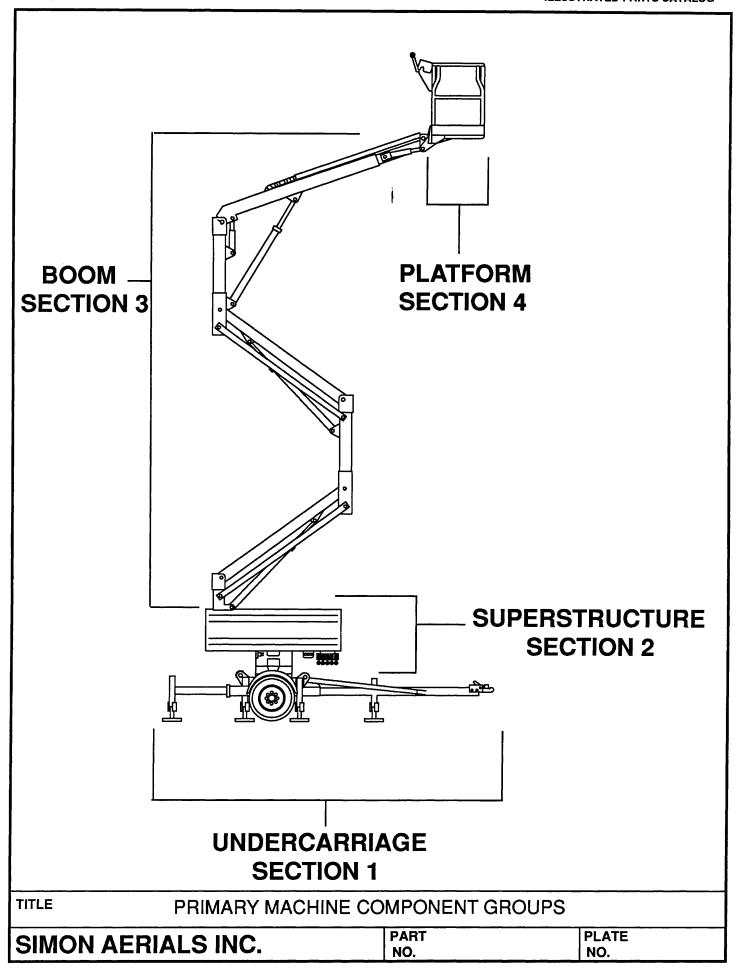
- Parts Plate number, Item Number and Description of the desired item, OR
- Part Number of the next assembly (Parent Part), if the desired item is not listed.

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.

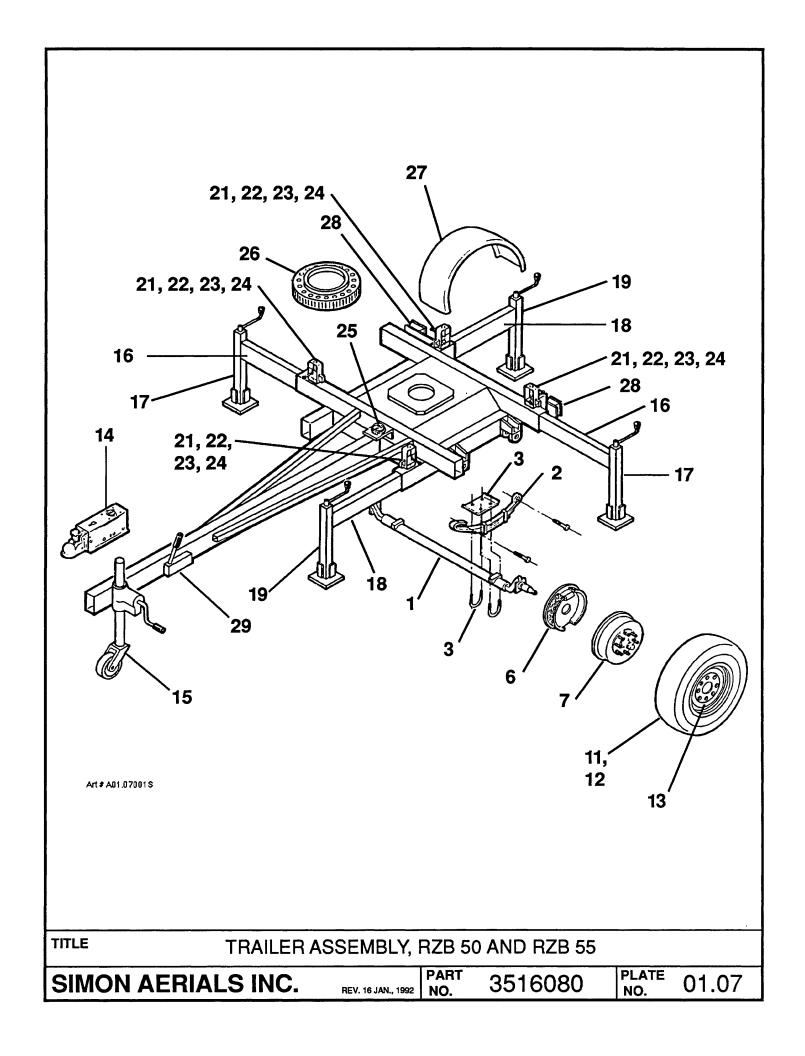
Left and right-hand, front and rear OF THE TRAILER - MOUNTED UNIT should be determined as though you are standing at the Platform Control Console. Left and right-hand, front and rear OF THE TRAILER correspond to the unit as towed, with the HITCH TO THE FRONT. All dimensions are in inches unless otherwise 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.



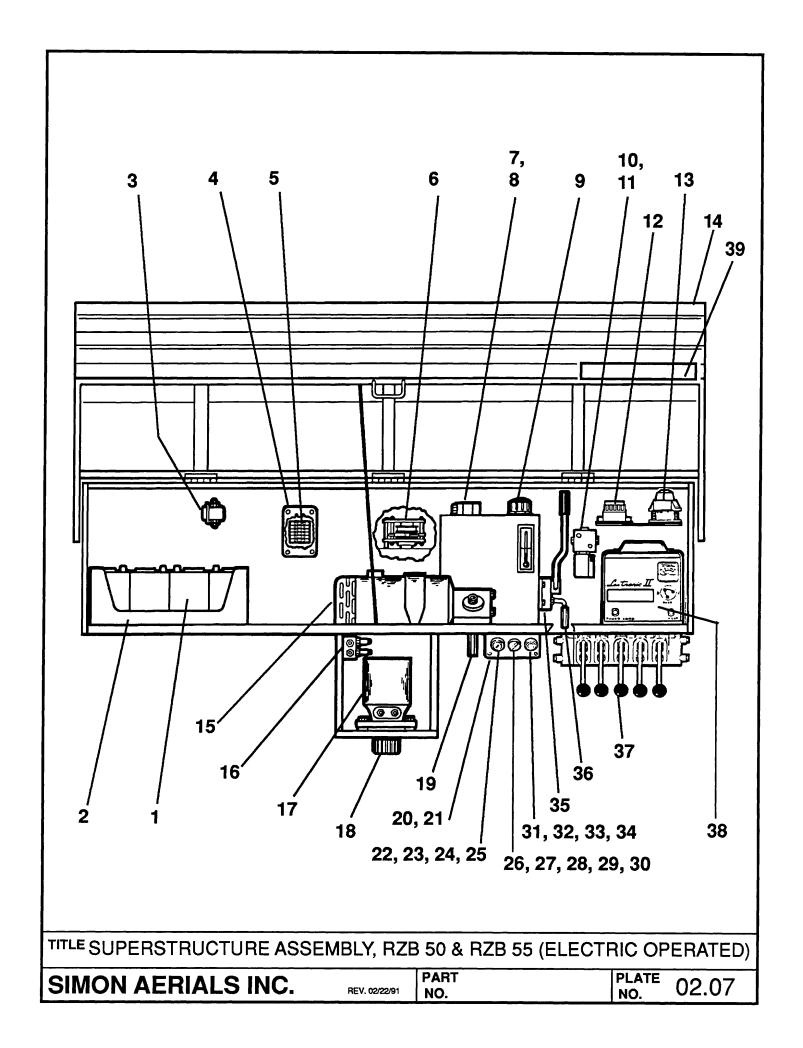
PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	02-013400	02011011	AXLE ASSEMBLY, DROP [6000# (2722 kg) capacity]	1
2	02-013300		SPRING SET (includes two leaf spring assemblies)	1 1
3	10-067500		U-BOLT KIT (includes U-bolts, nuts and spring plates)	1
4	10-067400		MOUNTING KIT, SPRING (includes bolts and shackles)	
5	02-014801		BUSHING, SPRING (nylon) (not shown)	6
6	02-013500		BRAKE SET, HYDRAULIC SURGE (12")	2
			(includes one backing plate and one shoe assembly)	1 1
7	02-013200		HUB AND DRUM SET (includes left and right assemblies)	2
8	02-014601		SEAL, GREASE (not shown)	2
9	02-014602		BEARING, INNER (not shown) BEARING, OUTER (not shown)	2
10	02-014603		TIRE AND WHEEL ASSEMBLY	2
11	3511403		TIRE AND WHEEL ASSEMBLE TIRE (9.50 x 16.5" LT, 10 ply)	1
12	02-013700		WHEEL (16.5" x 6.75", 6.5" bolt circle, 8 bolt pattern)	1 1
13 14	02-013600		COUPLING, TRAILER (includes brake actuator)	1 1
14	02-014300	14.01	6,000 Lb. (2,722 Kg) capacity (use 02-035900)	
	02-035900	17.01	7,500 Lb. (3,402 Kg) capacity [for 2-5/16" (58.7 mm) ball]	
15	08-057200	14.03	JACK, TRAILER	
16	2132030		OUTRIGGER ASSEMBLY, UPPER (includes item 17)	2
17	2123850		JACK ASSEMBLY, OUTRIGGER	1 1
18	2132020		OUTRIGGER ASSEMBLY, LOWER (includes item 19)	2
19	2123850		JACK ASSEMBLY, OUTRIGGER	
20	2109380		PIN ASSEMBLY, OUTRIGGER INTERLOCK	4
21	03-416800		SWITCH, LIMIT	
22	10-068500		SPRING, COMPRESSION	
23	2109360		PIN, INTERLOCK	
24	10-042400		KNOB, BALL	<u> </u>
25	10-003300		INDICATOR, LEVEL	
26	08-058700		SWING BEARING	2
27	2114190		FENDER ASSEMBLY LIGHT KIT, TRAILER (includes all tail and side marker lights	800180000000000000000
28	03-412900		BRAKE KIT, PARKING	$^{\prime\prime}$
29	02-013100		BRAKE KII, FARKING	'
				1
			Note: was plate 1.2 in some earlier catalogs.	
			TOSCI. TOO PRINT TO THE PRINT T	
TITL	F	TD/	AILER ASSEMBLY, RZB 50 AND RZB 55	l
		111/		
PLA	TE 01.07	SIMO	NAERIALS INC. REV. 16 JAN., 1992 PART NO. 351608	30
NO.				



	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	03-400900	0_0	BATTERY, 12 VOLT DC (105 Amp hour)	4		
2	11-079100		TRAY, BATTERY	1		
3	03-415300		RELAY, SOLENOID (Single pole, single throw, 24 Volt DC)	1		
4			BOX, JUNCTION	1		
5	03-422300		STRIP, TERMINAL	A.R.		
6	03-415400	16.01	SWIVEL, ELECTRICAL			
7	01-066200		FILTER ASSEMBLY, RETURN	]		
8	01-066201		ELEMENT, RETURN FILTER CAP, HYDRAULIC TANK	¦		
9	10-080200 01-037100		VALVE, PRESSURE DUMP SOLENOID			
11	01-037100		COIL SOLENOID VALVE (24 Voit DC)	1		
12	03-407200		HORN, TILT ALARM	1		
13	03-023900		SENSOR, TILT ALARM	1		
14	10-113400		COVER WELDMENT, SUPERSTRUCTURE	1		
15	01-080800		MOTOR AND PUMP ASSEMBLY (24 Volt DC)	1		
16	01-082500		MANIFOLD ASSEMBLY, SWING RELIEF VALVE	1		
17	01-071600		MOTOR, SWING			
18	02-020500		PINION GEAR (16 tooth)	4		
19	10 110500		VALVE, CHECK			
20 21	10-110500 10-105400		BOX ASSEMBLY, GROUND CONTROL DECAL, GROUND CONTROL BOX			
22	03-410200		SWITCH, KEY OPERATED			
23	03-421800		BASE ASSEMBLY, MOUNTING	1		
24	03-454900		BASE, SWITCH MOUNTING	1		
25	03-437200		BLOCK, CONTACT (normally open)	1		
26	03-410000		SWITCH, 2 POSITION ROTARY	1		
27	03-410100		BASE ASSEMBLY, MOUNTING	1		
28	03-454900		BASE, SWITCH MOUNTING	1		
29	03-437200		BLOCK, CONTACT (normally open)	]		
30	03-437300		BLOCK, CONTACT (normally closed) SWITCH, PUSH BUTTON	4		
31 32	03-421900 03-421800		BASE ASSEMBLY, MOUNTING			
33	03-454900		BASE, SWITCH MOUNTING			
34	03-437200		BLOCK, CONTACT (normally open)	•		
35	01-086500		PUMP, EMERGENCY (hand operated)	1		
36	01-083700		VALVE, CHECK	1		
37	01-072900	06.06	VALVE BANK ASSEMBLY, GROUND	1		
38	03-401000		CHARGER, BATTERY (24 Volt DC)	1		
39	10-105600		DECAL, GROUND CONTROL VALVE	1		
			Note: was plate 2.2 in some earlier catalogs.			

TITLE SUPERSTRUCTURE ASSEMBLY, RZB 50 & RZB 55 (ELECTRIC OPERATED)

PLATE 02.07 SIMON AERIALS INC. REV. 02/22/91 PART NO.



	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
LILLIVI	3520570	SECTION	SUPERSTRUCTURE ASSEMBLY (with Briggs gas engine)	1		
	3520360		SUPERSTRUCTURE ASSEMBLY (Briggs dual fuel engine)	1		
	3523300		SUPERSTRUCTURE ASSEMBLY (with Honda gas engine)	1		
			SUPERSTRUCTURE WELDMENT			
	No Part#		except Honda engine	1		
	2185680		with Honda engine	1		
2	03-423200		BATTERY, 12 VOLT DC (505 Amp)	1		
3	03-423300		CLAMP, BATTERY HOLD DOWN	2		
4	01-066200		FILTER ASSEMBLY, RETURN	1		
5	01-066201		ELEMENT, RETURN FILTER	1		
6	10-080200	67.76	CAP, HYDRAULIC TANK			
7	3518890 03-023900	07.16	BOX ASSEMBLY, GROUND CONTROL	4		
8 9	03-023900		SENSOR, TILT ALARM HORN, TILT ALARM	¦		
10	01-027200	12.03	PUMP, EMERGENCY HYDRAULIC	'		
10	01-027200	12.00	Note: Three post relay that comes with pump must be			
			replaced with four post relay (#11), below.	- 1		
11	03-465200		RELAY, EMERGENCY PUMP			
			Note: Three post relay that comes with pump (#10)			
			must be replaced with this four post relay.	1		
12	3520650	08.12	ENGINE ASSEMBLY (Briggs Type 4041)	1		
	3522450	08.22	ENGINE ASSEMBLY (Honda GX 340 Q)	- 1		
13			TANK, FUEL (comes with engine)	- 1		
14	03-051300		RELAY (Single pole, single throw)			
			used with Briggs Type 4041 engine only.	1 1		
15	01-072900	06.06	VALVE BANK ASSEMBLY, GROUND	1		
16	01-082500		MANIFOLD ASSEMBLY, SWING RELIEF VALVE	7		
17	01-082700		MOTOR, SWING			
18 19	02-020500		PINION GEAR (16 tooth) VALVE, SOLENOID (3-way) (12 Volt DC)			
13			(Lower boom dump valve)	1		
20	01-084800		VALVE, SOLENOID (3-way) (12 Volt DC)	'		
20	01-00-000		(Outrigger dump valve)	1		
21	03-415400		SWIVEL, ELECTRICAL			
22	2143910		COLLAR, SWIVEL LOCK	1		
23			COVER WELDMENT, SUPERSTRUCTURE			
*************	10-113500		used with Briggs Type 4041 engine	1		
	2185450		used with Honda GX 340 Q engine	1		
24	10-105600		DECAL, GROUND CONTROL VALVE	1		
TITLE	TITLE SUPERSTRUCTURE ASSEMBLY, RZB 50 & RZB 55 (FUEL OPERATED)					

SIMON AERIALS INC.

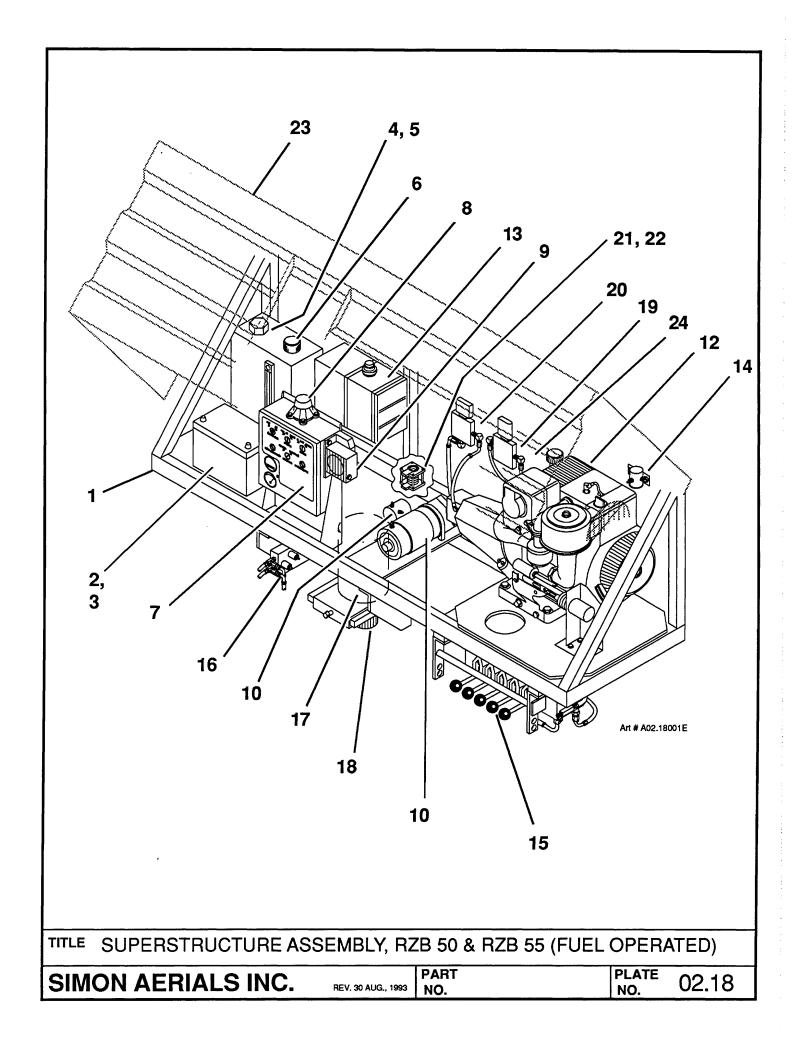
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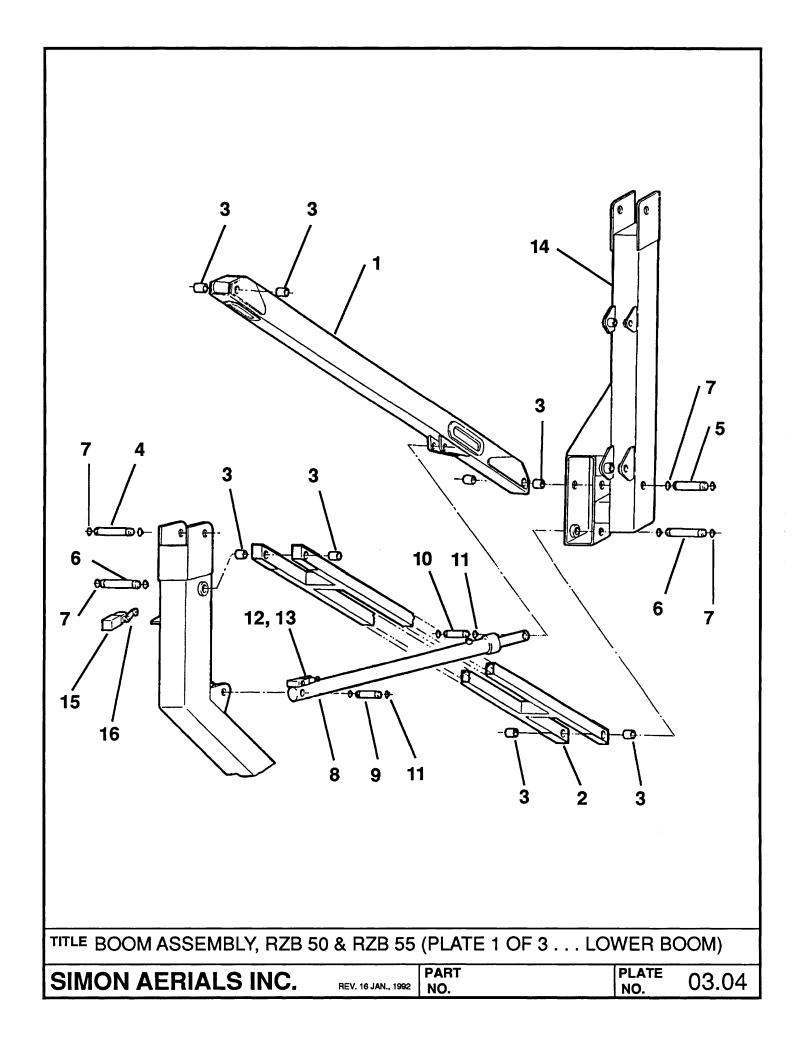
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PLATE NO.

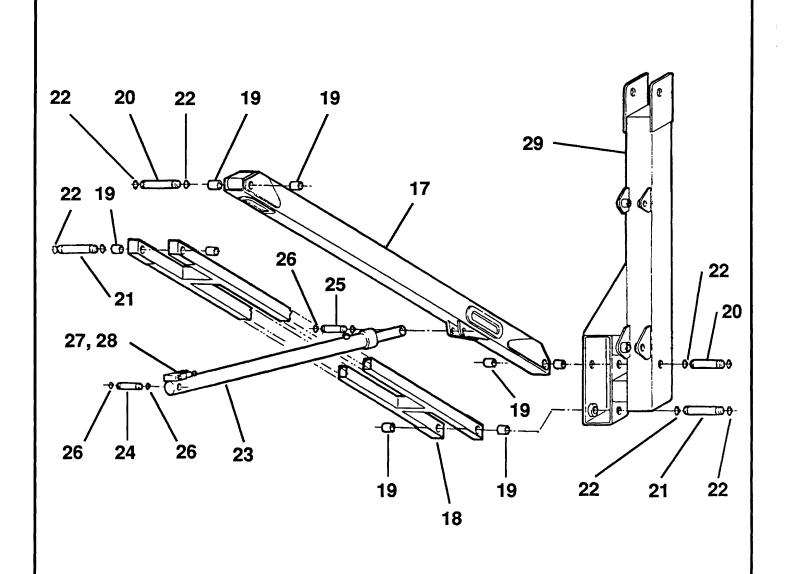
02.18



	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCF	RIPTION		QTY.
1			BOOM WELDMENT, LOW			1
2			ARM WELDMENT, PARAL		:	8
3 4	10-097500		BUSHING [35.0 mm (1.378 PIN, LOWER BOOM PIVO			1.
5	10-097900		PIN, LOWER BOOM PIVO	T (upper end)		1
6	10-098000		PIN, LOWER PARALLEL A		•	2
7	04 007000		RING, RETAINING [35.0 m CYLINDER, LOWER BOO		j	8
8 9	04-027600 10-104400		PIN, LIFT CYLINDER (low		end)	1
10	10-098600		PIN, LIFT CYLINDER (low			1
11			RING, RETAINING	IOLDING		4
12	01-067300 01-069500		VALVE, LIFT CYLINDER H CARTRIDGE, LIFT CYI		ING VAI VE	1
13 14	01-009300		POST WELDMENT, LOWE			1
15	03-407800		SWITCH, LIMIT			1
16	03-407803		LEVER, LIMIT SWITCH RO	OLLER		1
			and the second s			
*************						
			NOTE: WAS PLATE 3.2 I	N SOME EARL	IER CATALOGS.	
						<u> </u>
TITLI	BOOM ASS	SEMBLY,	RZB 50 & RZB 55 (PLA	IE 1 OF 3		1)
PLAT	<sup>TE</sup> 03.04	SIMO	N AERIALS INC.	REV. 16 JAN., 1992	PART NO.	



	PARTS LIST						
ITEM	PART NO	SEE SECTION	DESC	RIPTION		QTY.	
17			BOOM WELDMENT, MID			1	
18			ARM WELDMENT, PARA			1 8	
19 20	10-097900		BUSHING [35.0 mm (1.37) PIN, MIDDLE BOOM PIVO			2	
21	10-098000		PIN, MIDDLE PARALLEL	ARM PIVOT		2	
22			RING, RETAINING [35.0 r			8 1	
23 24	04-027600 10-097800		CYLINDER, MIDDLE BOO PIN, LIFT CYLINDER (mi		nd)	1	
25	10-098600		PIN, LIFT CYLINDER (mi			1	
26			RING RETAINING	IOLDING.		4	
27 28	01-067300 01-069500		VALVE, LIFT CYLINDER I CARTRIDGE, LIFT CY		NG VALVE	1	
29	01-003300		UPPER OFFSET POST W			1	
		}					
	1						
			NOTE: WAS PLATE 3.2	IN SOME FARI	IER CATALOGS		
TITLE	BOOM A	SSEMBL	.Y, RZB 50 & RZB 55 (P	LATE 2 OF 3	MID BOOM)		
PLA1	<sup>TE</sup> 03.04	SIMO	N AERIALS INC.	REV. 16 JAN., 1992	PART NO.		
NO.	30.0 <del>-</del> 7			11411 10 00144 1002	110.		



TITLE BOOM ASSEMBLY, RZB 50 & RZB 55 (PLATE 2 OF 3 . . . MID BOOM)

SIMON AERIALS INC.

REV. 16 JAN., 1992

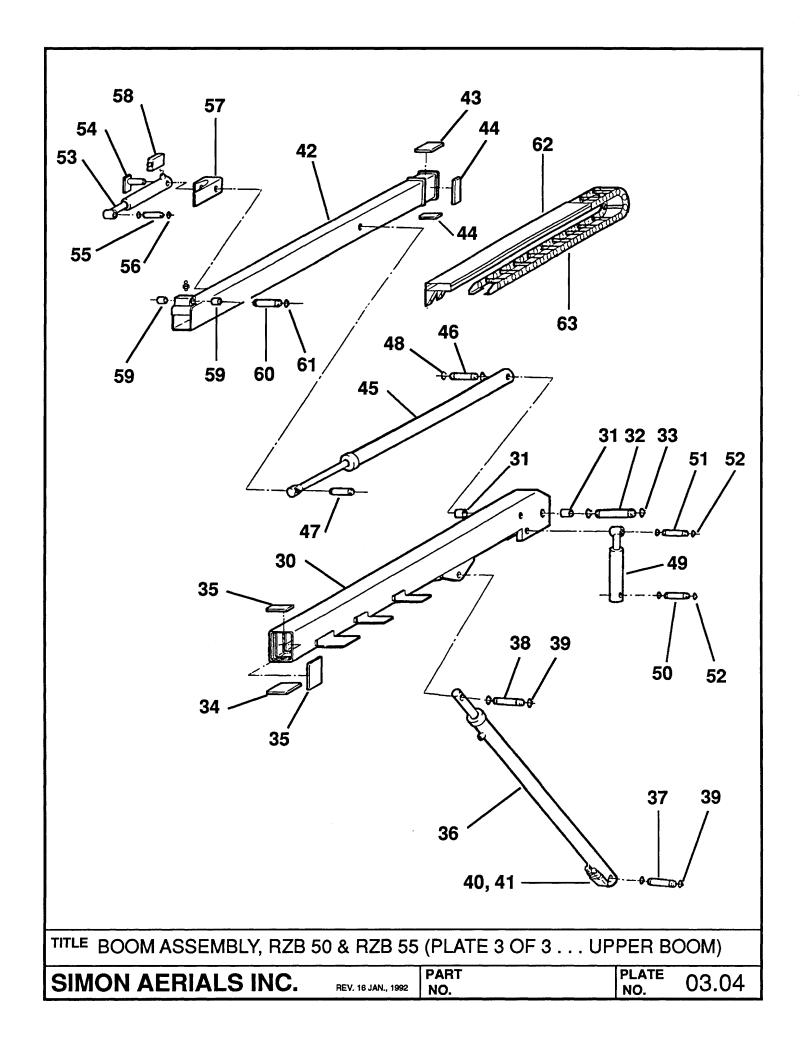
PART NO. PLATE NO.

03.04

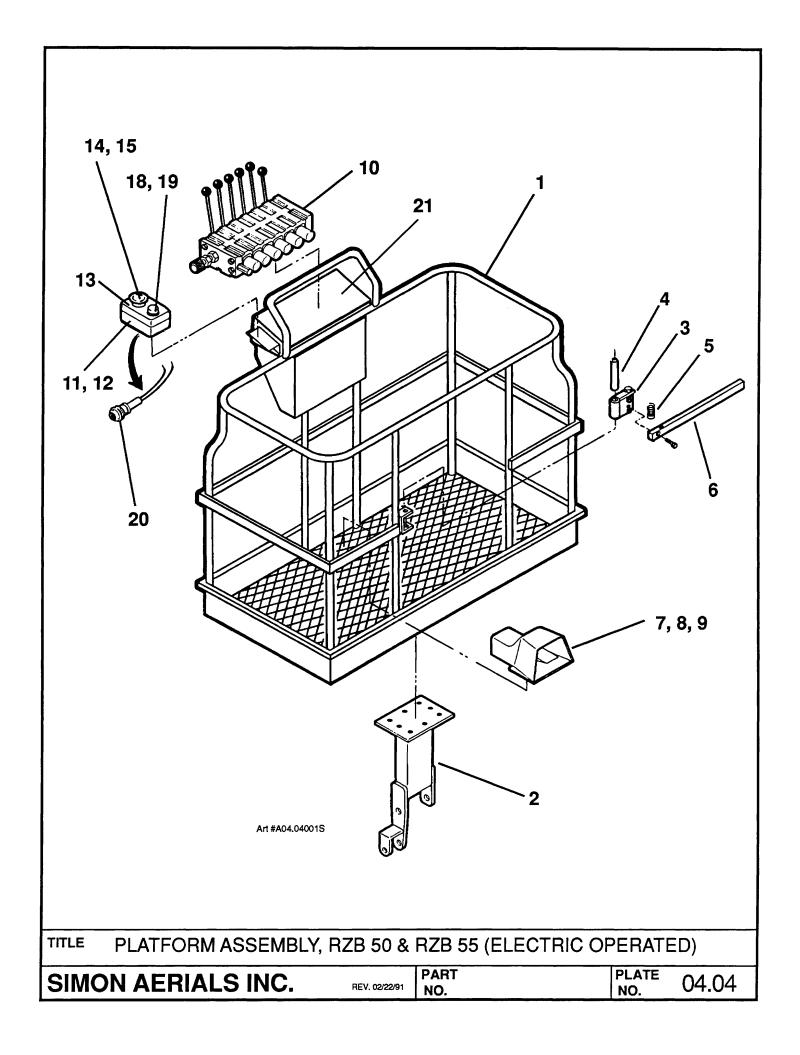
			PARTS LIST
ITEM	PART NO	SEE SECTION	DESCRII
30			BOOM WELDMENT, UPPEI
31		!	BUSHING [35.0 mm (1.378")
32	10-097500		PIN, UPPER BOOM PIVOT
33	10 202 102		RING, RETAINING [35.0 mn
34 35	10-098400 10-098300		PAD, BOTTOM WEAR (basi PAD, SIDE AND TOP WEAF
36	04-027600		CYLINDER, UPPER BOOM
37	10-097800		PIN, LIFT CYLINDER (upper
38	10-098600		PIN, LIFT CYLINDER (upper
39			RING, RETAINING
40	01-067300		VALVE, LIFT CYLINDER HO
41	01-069500		CARTRIDGE, LIFT CYLI
42	10 000100		BOOM WELDMENT, UPPER
43 44	10-098100 10-098200		PAD, TOP WEAR (tip boom, PAD, SIDE AND BOTTOM V
45	04-028700		CYLINDER, TELESCOPE (6
46	10-097300		PIN, TELESCOPE CYLINDE
47	10-097400		PIN, TELESCOPE CYLINDE
48			RING, RETAINING
49	04-027000		CYLINDER, MASTER LEVE
50	10-097700		PIN, MASTER CYLINDER (t
51 52	10-097600		PIN, MASTER CYLINDER (r RING, RETAINING
53	04-027000		CYLINDER, SLAVE LEVELII
54	10-097000		PIN, SLAVE CYLINDER (bas
55	10-095100		PIN, SLAVE CYLINDER (roc
56			RING, RETAINING
57	24 202022		BRACKET, SLAVE CYLINDI
58 59	01-082900 10-095400		CHECK VALVE, SLAVE CYI BUSHING [1.00" (25.4 mm)
60	10-095300		PIN, PLATFORM PIVOT
61	.000000		RING, RETAINING [1.00" (2:
62	10-098500		ANCHOR, MOVING
63	08-062200		CARRIER, HOSE
			NOTE: WAS PLATE 3.2 IN
TITLE	ROOMASS	EMRIV	BZR 50 & BZR 55 (PLATI

TITLE BOOM ASSEMBLY, RZB 50 & RZB 55 (PLATI

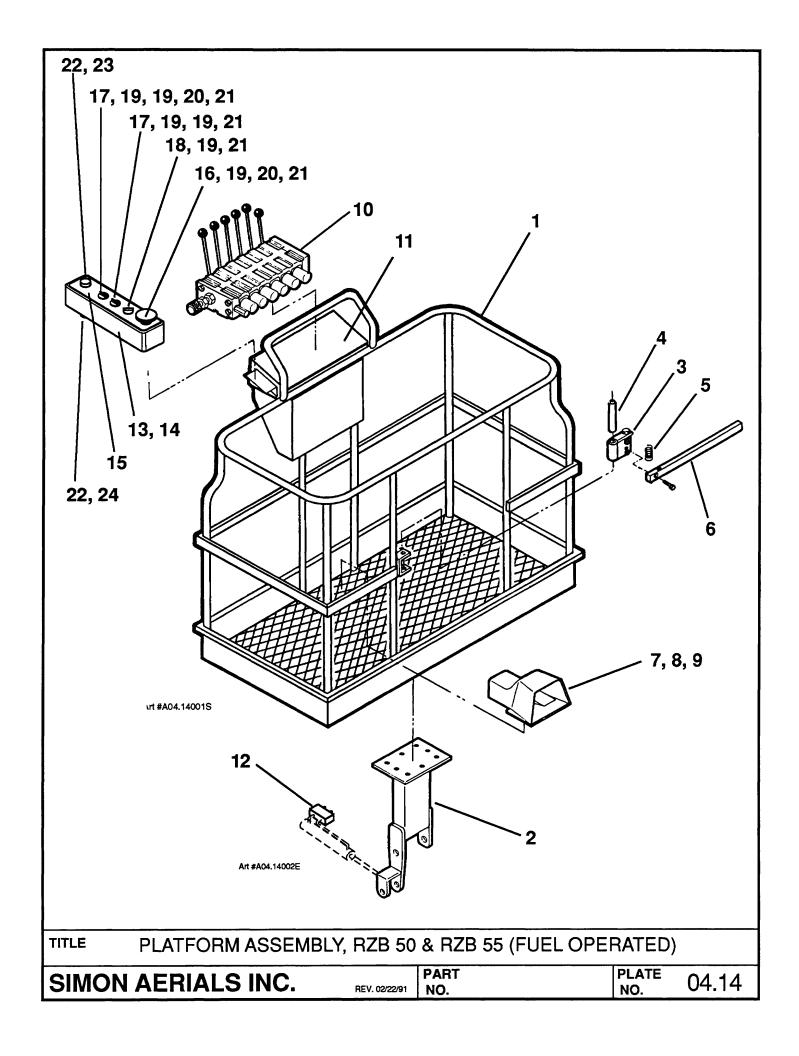
PLATE NO. 03.04 SIMON AERIALS INC.



	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	2115260		PLATFORM WELDMENT (for RZB 50)	1		
	2107400		PLATFORM WELDMENT (for RZB 55)	1		
2	2107360		POST WELDMENT (for RZB 55 only) BRACKET, GATE	1		
3 4	2041724 2017499		PIN, GATE BRACKET	-		
5	08-010100		SPRING	1		
6	2041669		BAR, GATE	1		
7	03-021300		SWITCH, FOOT OPERATED (Double pole)	1		
8	03-021301		SWITCH (Double pole, double throw)	1		
9	03-021302		COVER, SWITCH (Guard type, with latch)	1		
10 11	01-072700	06.06	VALVE BANK ASSEMBLY, PLATFORM BOX ASSEMBLY, PLATFORM ELECTRICAL			
12	03-412800		BOX, PLATFORM ELECTRICAL	1		
13	00 112000		DECAL, PLATFORM ELECTRICAL CONTROLS	1		
14	03-409800	************************	BUTTON, EMERGENCY STOP	1		
15	03-409900		BASE ASSEMBLY, MOUNTING	1		
16	03-437300		BLOCK, CONTACT (normally closed)	1		
17 18	03-454900 03-409400		BASE, SWITCH MOUNTING BASE AND CONTACT BLOCK, PILOT LIGHT	1		
19	03-410300		LENS, PILOT LIGHT (blue)			
20	03-022900		LIGHT, PLATFORM INDICATOR (includes red lens)	1		
21	10-104300		DECAL, PLATFORM CONTROL VALVE	1		
				1		
100000000000000000000000000000000000000						
233222222222						
TITLE	PLATFO	RM ASS	EMBLY, RZB 50 & RZB 55 (ELECTRIC OPERATED)			
PLAT	-		DADT			
NO.	<sup>e</sup> 04.04	SIMO	N AERIALS INC. REV. 02/22/91 NO.			



			PARTS LIST	
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	2115260	,	PLATFORM WELDMENT (for RZB 50)	
	2107400		PLATFORM WELDMENT (for RZB 55) POST WELDMENT (for RZB 55 only)	
2 3	2107360 2041724		BRACKET, GATE	i
4	2017499		PIN, GATE BRACKET	1
5	08-010100		SPRING	1
6	2041669		BAR, GATE SWITCH, FOOT OPERATED (Double pole)	
7 8	03-021300 03-021301		SWITCH, POOT OF ETTATED (Boddle pole) SWITCH (Double pole, double throw)	1
9	03-021302		COVER, SWITCH (Guard type, with latch)	1
10	01-072700	06.06	VALVE BANK ASSEMBLY, PLATFORM	
11	10-104300		DECAL, PLATFORM CONTROL VALVE VALVE, COUNTERBALANCE (Double)	1
12	01-088700 3520670		BOX ASSEMBLY, PLATFORM ELECTRICAL CONTROL	1
14	2156680		BOX. PLATFORM ELECTRICAL	1 1
15	2156990		DECAL, PLATFORM ELECTRICAL CONTROLS	1
16	03-409800 03-436800		BUTTON, EMERGENCY STOP SWITCH, IGNITION (3 position rotary)	2
17 18	03-436600		SWITCH, 2 POSITION ROTARY	1
19	03-437200		BLOCK, CONTACT (normally open)	6
20	03-437300		BLOCK, CONTACT (normally closed)	2 4
21	03-454900 03-409400		BASE, SWITCH MOUNTING BASE AND CONTACT BLOCK, PILOT LIGHT	2
22 23	03-410300		LENS, PILOT LIGHT (blue)	1
24	03-463300		LENS, PILOT LIGHT (red)	1
TITL	E PLAT	FORM A	SSEMBLY, RZB 50 & RZB 55 (FUEL OPERATED)	
PLA			DART	
NO.	<sup>16</sup> 04.14	SIMC	N AERIALS INC. REV. 02/22/91 NO.	



			PARTS LIST	
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	01-072700		VALVE BANK ASSEMBLY, PLATFORM	1
2 3	01-072900 01-072701		VALVE BANK ASSEMBLY, GROUND LEVER ASSEMBLY, HAND (Platform valve bank)	1
ana ana ana ana ana an an a	01-072702		KNOB, VALVE LEVER	4
4 5			PIN, CLEVIS	2
6 7	01-086302		PIN, COTTER BASE ASSEMBLY, HAND LEVER	2 1
8	01 00000		SCREW	2
9	01-086301		LEVER ASSEMBLY, HAND (Ground valve bank)	
10 11	01-072702		KNOB, VALVE LEVER PIN, CLEVIS	1 2
12			PIN, COTTER	2
13 14	01-086302		BASE ASSEMBLY, HAND LEVER SCREW	1 2
1 **			GOTILIV	
***************************************	***************************************	***************************************		200000000000000000000000000000000000000
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		<u> </u>		
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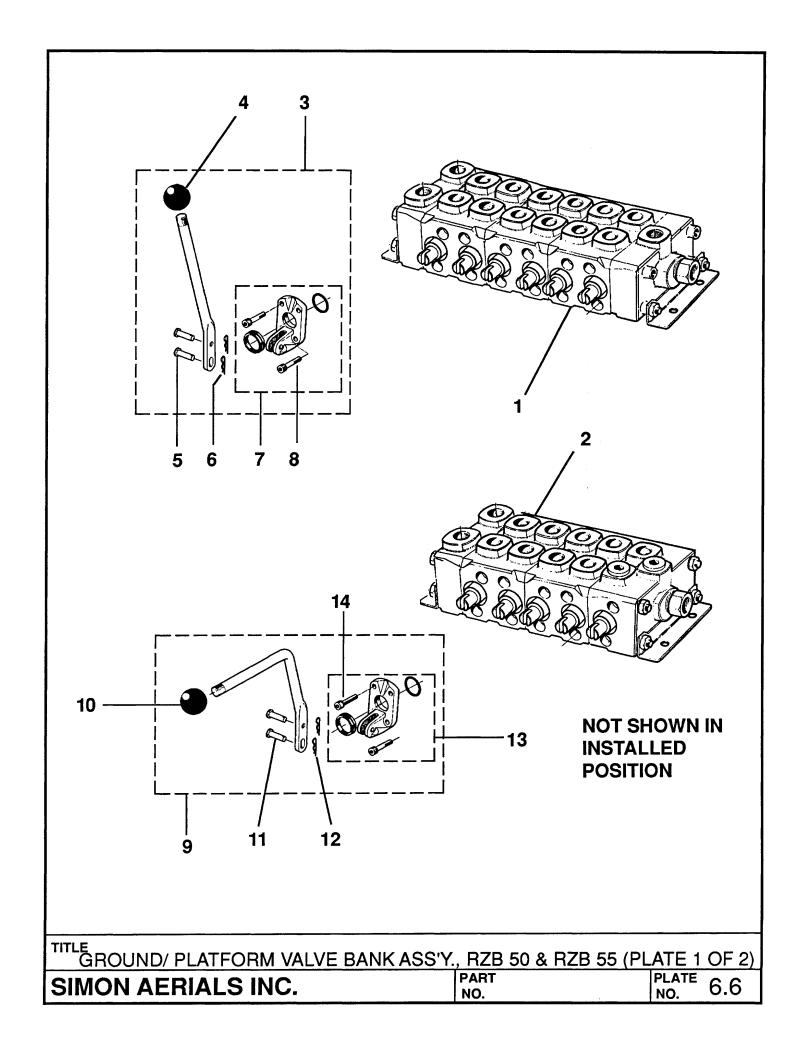
PLATE CO. CINACAL A EDIAL CURIO

PLATE 6.6

SIMON AERIALS INC.

REV. 03 SEP., 1993 THIS SHEET ONLY

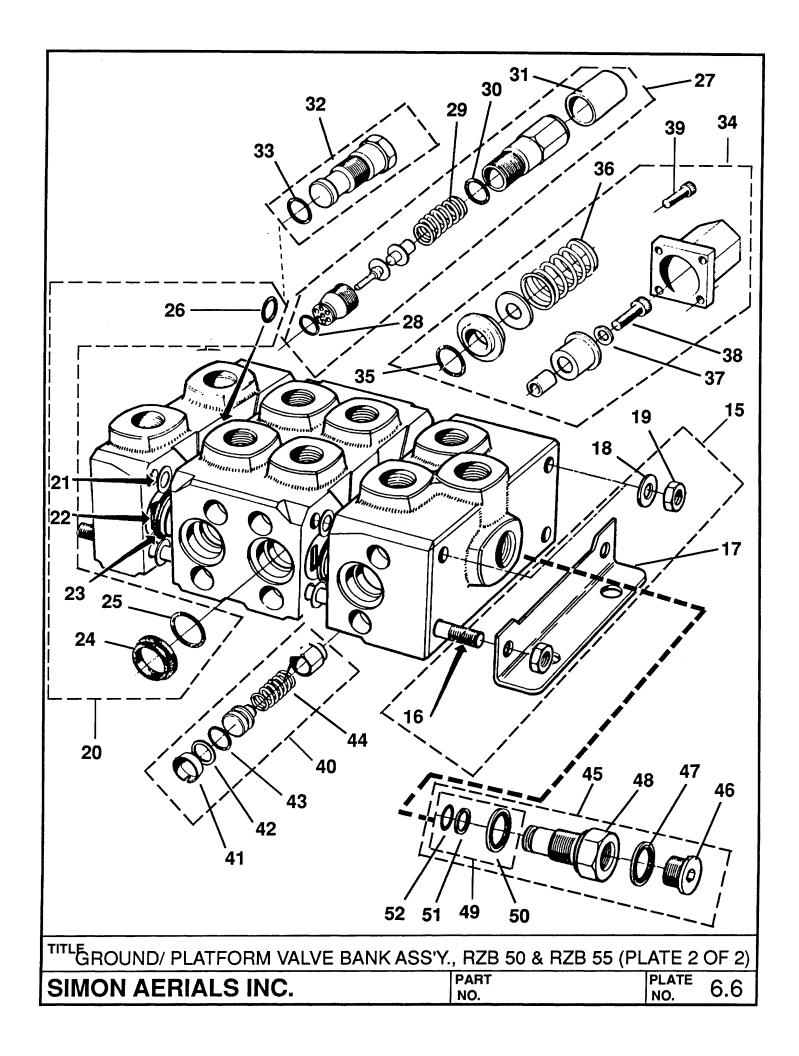
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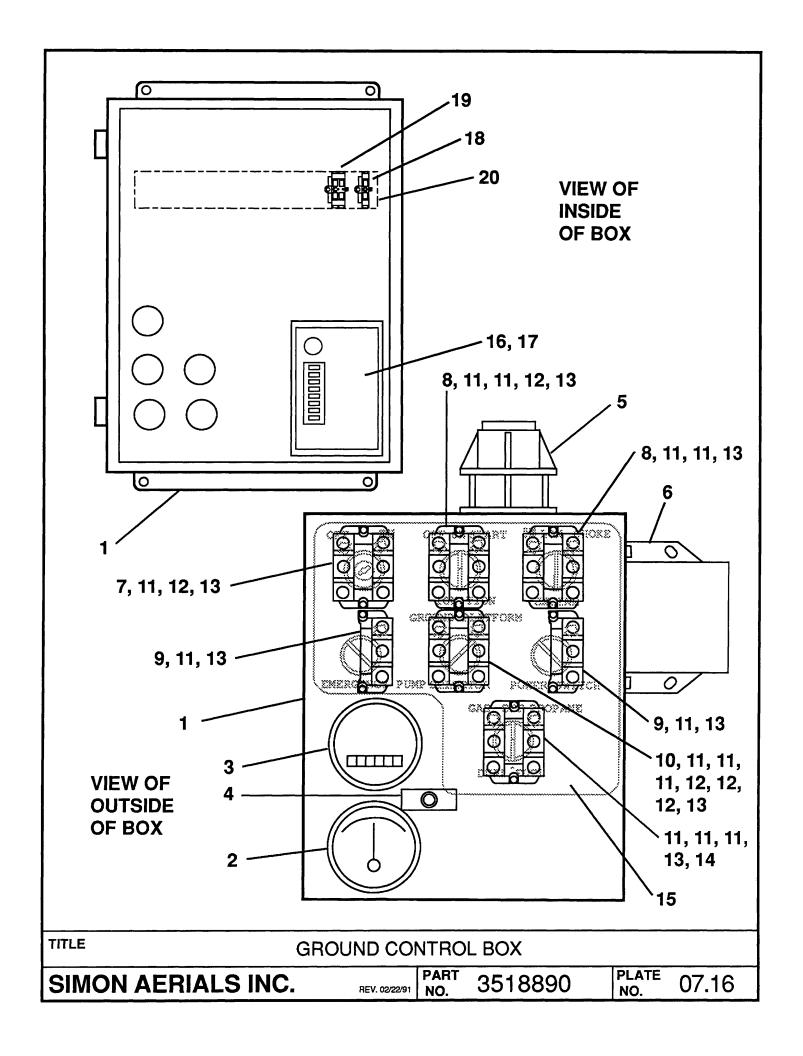
	PARTS LIST					
ITEM	PART NO	SEE SECT.	DESCRIPTION	QTY.		
15 16	01-072706		TIE ROD KIT (FOR 5 OR 6 SECTION UNIT) PLATE, VALVE BLOCK MOUNTING	2		
17 18 19 20	01-072709		ROD, TIE WASHER NUT SEAL KIT	4 8 8 1		
21 22 23 24			RING, SPACER O-RING RING, BACK-UP SEAL			
25 26 27 28 29	01-072703		O-RING O-RING VALVE ASSEMBLY, MAIN RELIEF O-RING SPRING	1 1 1		
30 31 32 33			O-RING CAP, SEAL PLUG O-RING	1 1 1		
34 35 36	01-072710		CAP ASSEMBLY, VALVE SPRING O-RING SPRING	AR 1		
37 38 39			WASHER SCREW SCREW	1 1 4		
40 41	01-072704		VALVE, CHECK CAP, PROTECTIVE	AR 1		
42 43 44	01.070711		RING, BACK-UP O-RING SPRING CONNECTION PORT, BLOCKING	1		
45 46 47	01-072711		PLUG RING, SEALING	1		
48 49 50 51 52	01-072708		SLEEVE, POWER BEYOND (GROUND ONLY) CONNECTION PORT, TANK VALVE RING, SEALING RING, BACK-UP O-RING	1 1 1		

TITLE GROUND/ PLATFORM VALVE BANK ASS'Y., RZB 50 & RZB 55 (PLATE 2 OF 2)

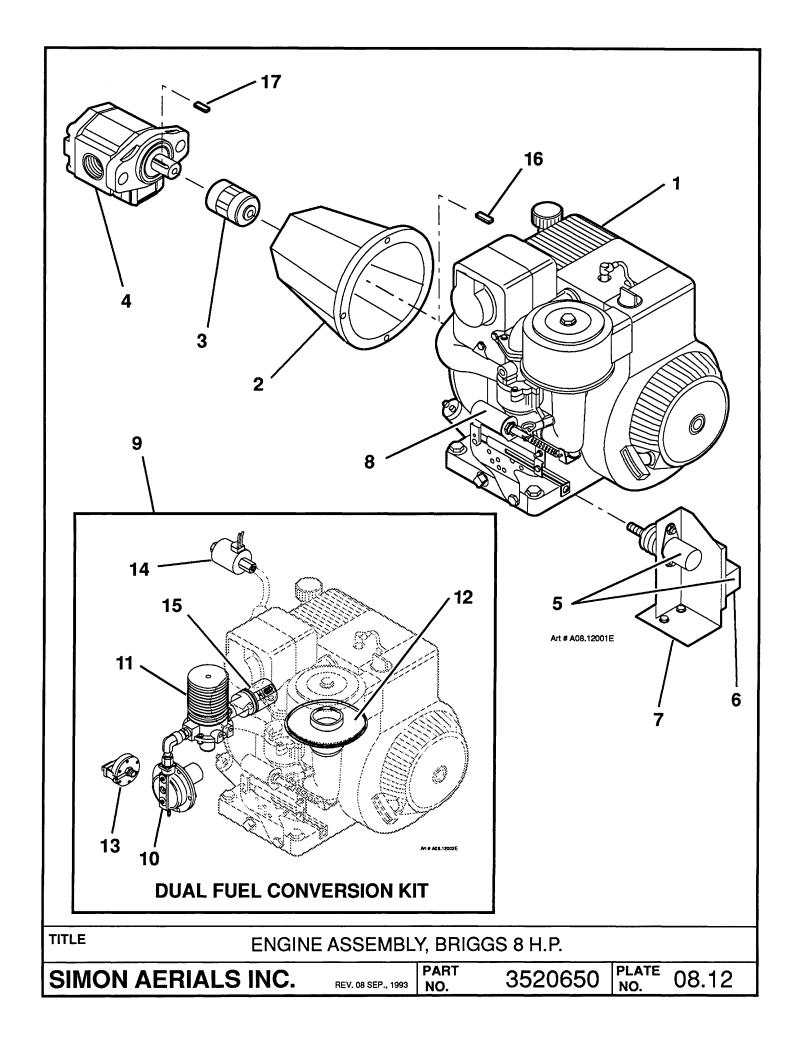
PLATE NO. 6.6 SIMON AERIALS INC. PART NO.



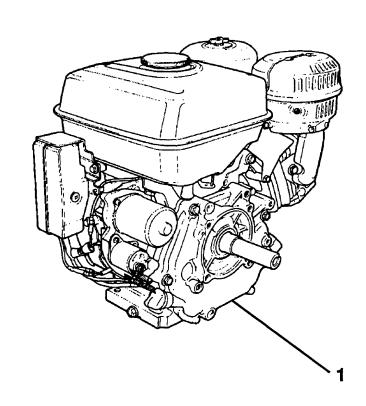
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	03-406200		BOX, GROUND ELECTRICAL	1		
2	03-030400		AMMETER (50 Amp)	1 1		
3	03-030500		METER, HOUR (12 Volt DC) BREAKER, CIRCUIT (20 Amp)	1		
4 5	03-024000 03-023900		RELAY, TILT ALARM			
6	03-407200		HORN, TILT ALARM	1		
7	03-436700		SWITCH, KEY OPERATED	1		
8	03-436800		SWITCH, IGNITION (3 position rotary)	2		
9	03-437000		SWITCH, 2 POSITION ROTARY	2		
10	03-410000		SWITCH, 2 POSITION ROTARY	'		
111	03-437200		BLOCK, CONTACT (normally open) With gas engine	10		
			With dual fuel engine	13		
12	03-437300		BLOCK, CONTACT (normally closed)	5		
13	03-454900		BASE, SWITCH MOUNTING			
			With gas engine	6		
			With dual fuel engine	4		
14	03-454800 2143430		SWITCH, 3 POSITION ROTARY (with dual fuel engine) DECAL, GROUND ELECTRICAL BOX (with gas engine)	1		
15	2160280		DECAL, GROUND ELECTRICAL BOX (w/ dual fuel engine)	1 1		
16	03-052800		RELAY, DELAY (12 Volt DC)	1		
17	03-037500		SOCKET, RELAY	1		
18	03-036400		BLOCK, TERMINAL (2 conductor)	5		
19	03-036500		BLOCK, TERMINAL (4 conductor)	13		
20	03-036600		RAIL, CARRIER	<b>'</b>		
***************************************						
TITLE			GROUND CONTROL BOX			
PLAT	E 0710	CINAC	N AFRIALS INC. BEV 02/22/91 PART 351889	<u> </u>		
NO.	<sup>E</sup> 07.16	SIMO	N AERIALS INC. REV. 02/22/91 NO. 351889	<u> </u>		

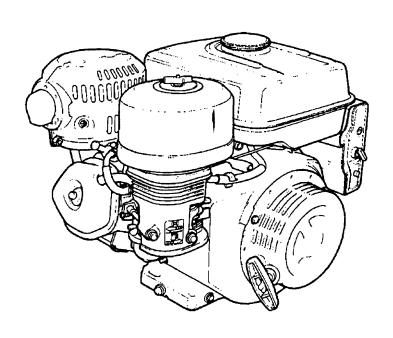


PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	09-042100	CLOTION	ENGINE ASSEMBLY, GASOLINE [Briggs 8 HP (5.97 Kw)]	1		
2	02-030600		BRACKET, PUMP MOUNTING	1		
3	2143450		COUPLING ASSEMBLY	1 1		
4	01-096200		PUMP ASSEMBLY, HYDRAULIC	1 1		
5	03-456800		SOLENOID, THROTTLE (includes relay module)			
6 7	03-456803 2143630		RELAY MODULE BRACKET, THROTTLE SOLENOID	1		
8	03-414400		SOLENOID, CHOKE	1 1		
9	09-044400		CONVERSION KIT, DUAL FUEL	1 1		
10	09-038101		CONTROLLER, FUEL (Zero governor)	1		
11			VAPORIZER - REGULATOR	1		
12			ADAPTER, CARBURETOR	1		
13	09-038108		SWITCH, VACUUM	1 1		
14	09-038106		VALVE, GASOLINE SHUTOFF VALVE, PROPANE SHUTOFF			
15 16	09-038107		KEY, 1/4* SQUARE			
17			KEY, 3/16" SQUARE	1		
	•••••	*************************				
TITLE			NOINE ACCEMBLY DDICCS O LI D			
	<b></b>	T	NGINE ASSEMBLY, BRIGGS 8 H.P.			
PLAT NO.	<sup>E</sup> 08.12	SIMO	N AERIALS INC. REV. 08 SEP., 1993 NO. 352065	0		



PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1	09-049100		ENGINE (Honda GX 340 Q, 11 HP)	1	
2	2174900 01-096200		PLATE, ENGINE MOUNTING PUMP ASSEMBLY, HYDRAULIC	1	
4	02-030600		BRACKET, PUMP MOUNTING	1	
5	2143450		COUPLING ASSEMBLY	. 1	
6 7	02-015200 02-015300		CHAIN, BEADED (Stainless steel, #10) (Bulk, order in ft.) COUPLING, BEADED CHAIN END (Stainless steel)	A.H. 2	
8	03-452100		CYLINDER, SOLENOID (12 Volt DC)	1	
9	03-456800		SOLENOID, THROTTLE (with module)	1	
10	03-456803 2175210		MODULE, SOLENOID BRACKET, THROTTLE	1	
11 12	2175540		BRACKET, THROTTLE SUPPORT	1	
13	03-465200	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	SOLENOID, CHOKE	1	
14	10-110600		SPRING, CHOKE RETURN	7	
:::::::::::::::::::::::::::::::::::::::					
		ı			
TITLE			ENGINE ASSEMBLY, HONDA GX		
PLA1	<sup>TE</sup> 08.22	SIMO	NAERIALS INC. NEW 02/22/91 PART NO. 352245	50	
NO.	JU.LL	<u> </u>	IV.		





TITLE

ENGINE ASSEMBLY, HONDA GX

SIMON AERIALS INC.

NEW 02/22/91

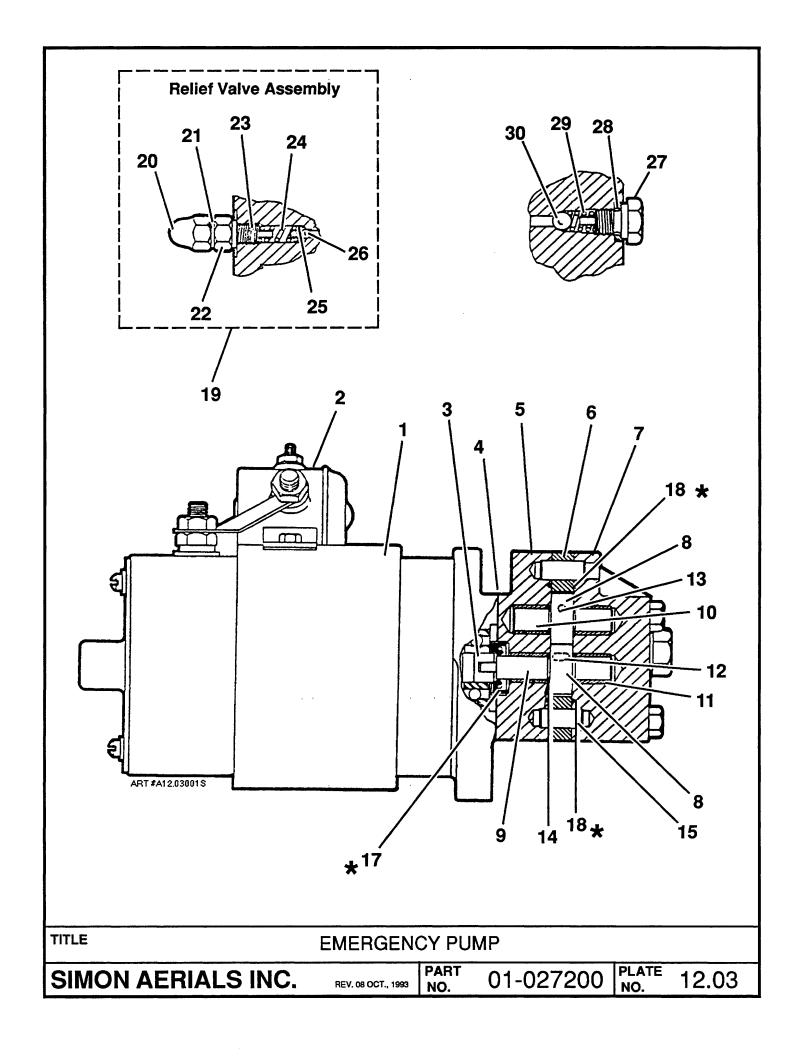
PART NO.

3522450

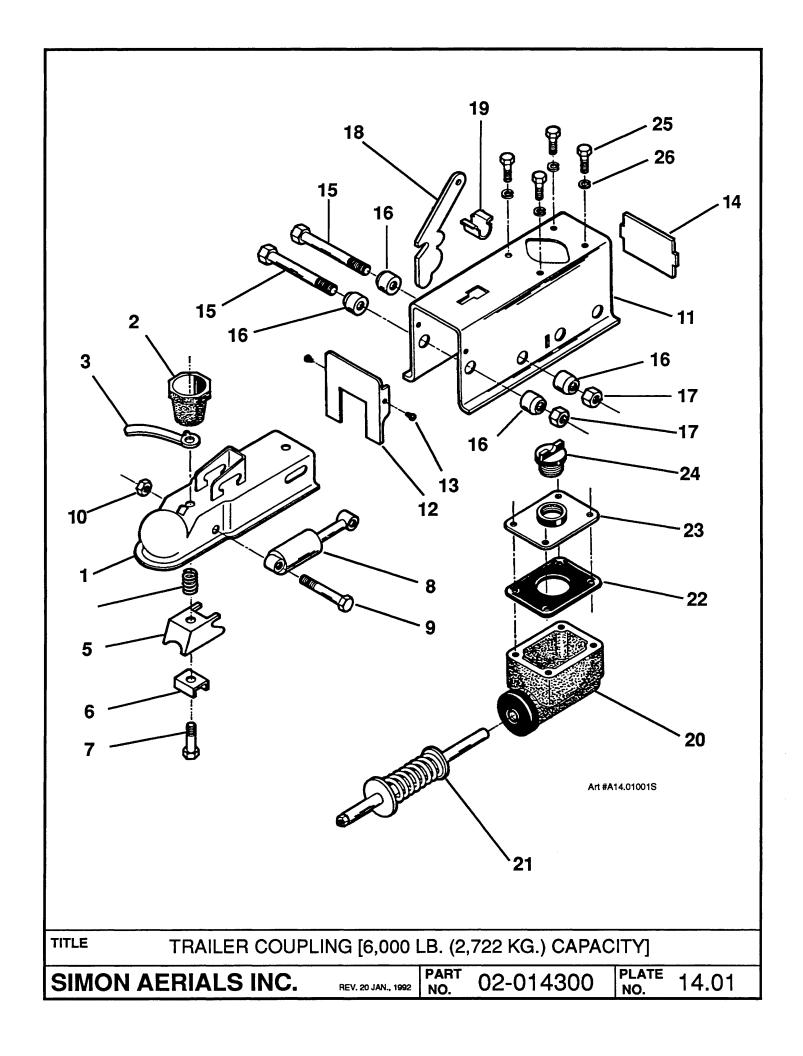
PLATE NO.

08.22

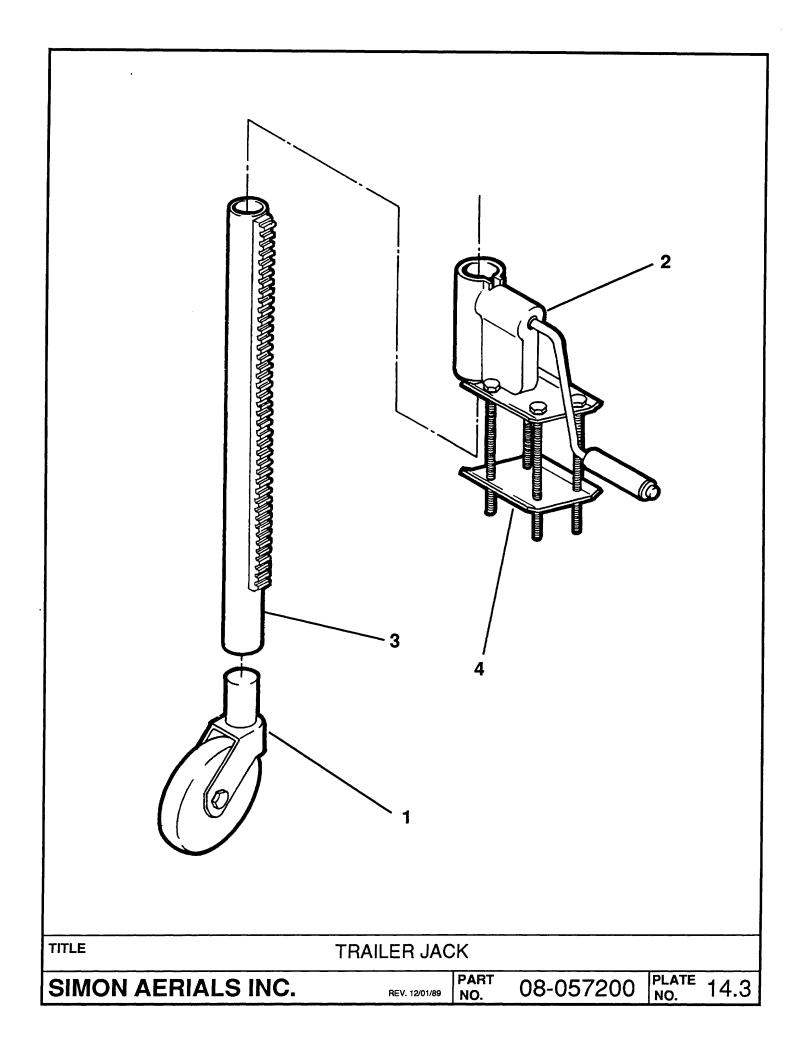
PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	01-027204		MOTOR, ELECTRIC PUMP	1
2	01-027203		RELAY, SOLENOID (for all models except RZB)	
			Note: Relay has three posts.	1
	03-465200		RELAY, SOLENOID (for model RZB)	
			Note: Relay has four posts.	1
			Note: When replacing Emergency Pump 01-027200 on a	
			model RZB Aerial Platform, Relay 01-027203 must be	
			removed, and replaced with Relay 03-465200.	
3	01-027205		COUPLING, PUMP	1
4	01-027202		GASKET, PUMP	
5			PLATE, DRIVE CASE	
6 7			PLATE, END	
8			GEAR	2
9			SHAFT, DRIVE	1
10			SHAFT, IDLER	1
11			BEARING	4
12			KEY, DOWEL	
13 14			BALL RING, RETAINING	4
15			PIN, DOWEL	2
16	01-027201		SEAL KIT	1
			Note: Items in seal kit are identified by asterisk (*).	
17	*		SEAL, SHAFT	1
18	*		O-RING	2
19	01-027206		RELIEF VALVE ASSEMBLY	
20 21			NUT, AGORN GASKET, METAL	
22			NUT, HEX JAM	1
23			SCREW, ADJUSTING	1
24		000000000000000000000000000000000000000	SPRING	1
25			GUIDE, SPRING	1
26			BALL	1
27			CAP VALVE	1
28			WASHER, SEALING   SPRING	¦
30			BALL	1
TITLE EMERGENCY PUMP				
PLAT	E 12.03	SIMO	NAERIALS INC. REV. 08 OCT., 1993 PART NO. 01-0272	200
NO.			NU. U. U.L	



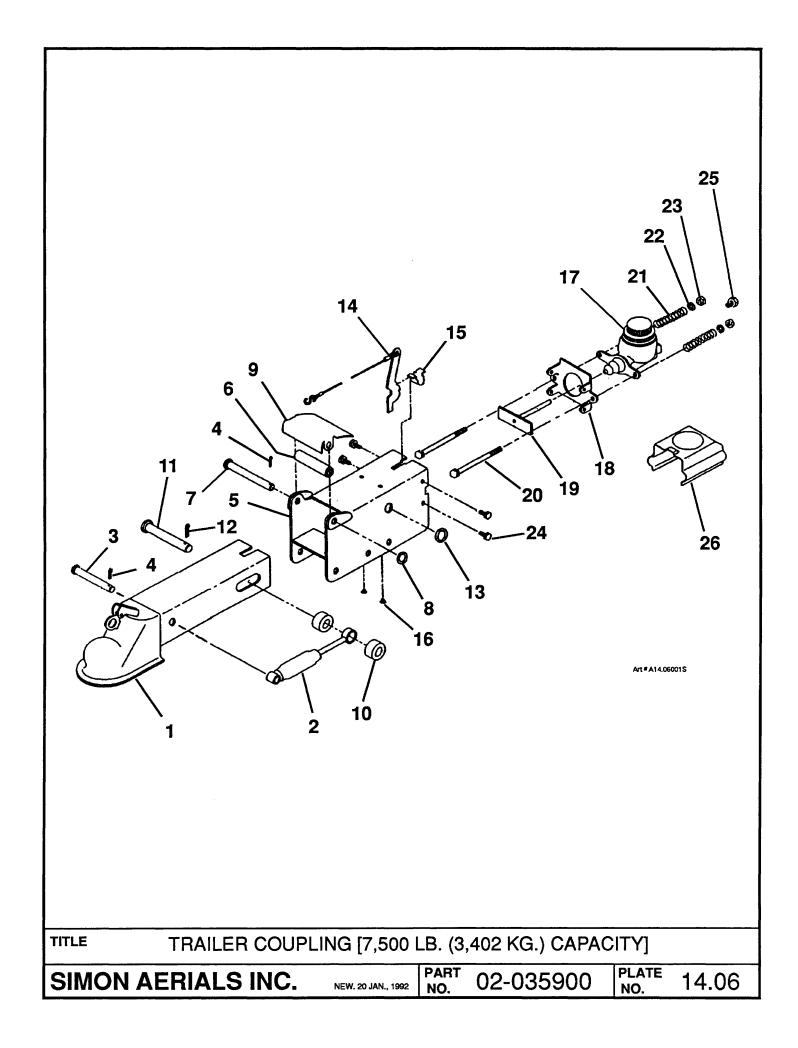
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	02-013004		CASE, COUPLER	1		
2	02-013001		WHEEL, HAND	1 1		
3	02-013002		LOCK, HAND WHEEL SPRING	4		
5	02-013005 02-013006		BALL LATCH			
6	02-013007		LOCK PLATE	1		
7	02-013008		LATCH BOLT	1		
8	02-013010		DAMPER	1 1		
9	02-013009		CAP SCREW, HEX HEAD (7/16"-20)	1		
10	02-013003		LOCKNUT, THIN (7/16"-20)			
11	02-013018		CASE, OUTER COVER, FRONT			
12 13	02-013012 02-013011		SCREW, COVER	2		
14	02-013017		STRUT	1		
15	02-013013		CAP SCREW, HEX HEAD (1/2"-20)	2		
16	02-013014		ROLLER	4		
17			LOCKNUT (1/2"-20)	2		
18	02-013015		LEVER, BREAKAWAY	1		
19 20	02-013016 02-013023		SPRING, BREAKAWAY LEVER RESERVOIR, BRAKE MASTER CYLINDER			
21	02-013025		ROD, PUSH	1 1		
22	02-013022		GASKET, COVER	1		
23			GOVER, BRAKE MASTER CYLINDER	1		
24	02-013020		CAP, FILLER	1		
25			CAP SCREW, HEX HEAD (1/4"-20)	4 4		
26	00.040004		LOCKNUT (1/4"-20) REPAIR KIT, BRAKE MASTER CYLINDER (not shown)	1 4		
27	02-013024		REPAIR KIT, BRAKE MASTER OTENDER (Not shown)			
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	_					
TITL	TITLE TRAILER COUPLING [6,000 LB. (2,722 KG.) CAPACITY]					
PLA NO.	PLATE 14.01 SIMON AERIALS INC. REV. 20 JAN., 1992 PART NO. 02-014300					
IIV.						



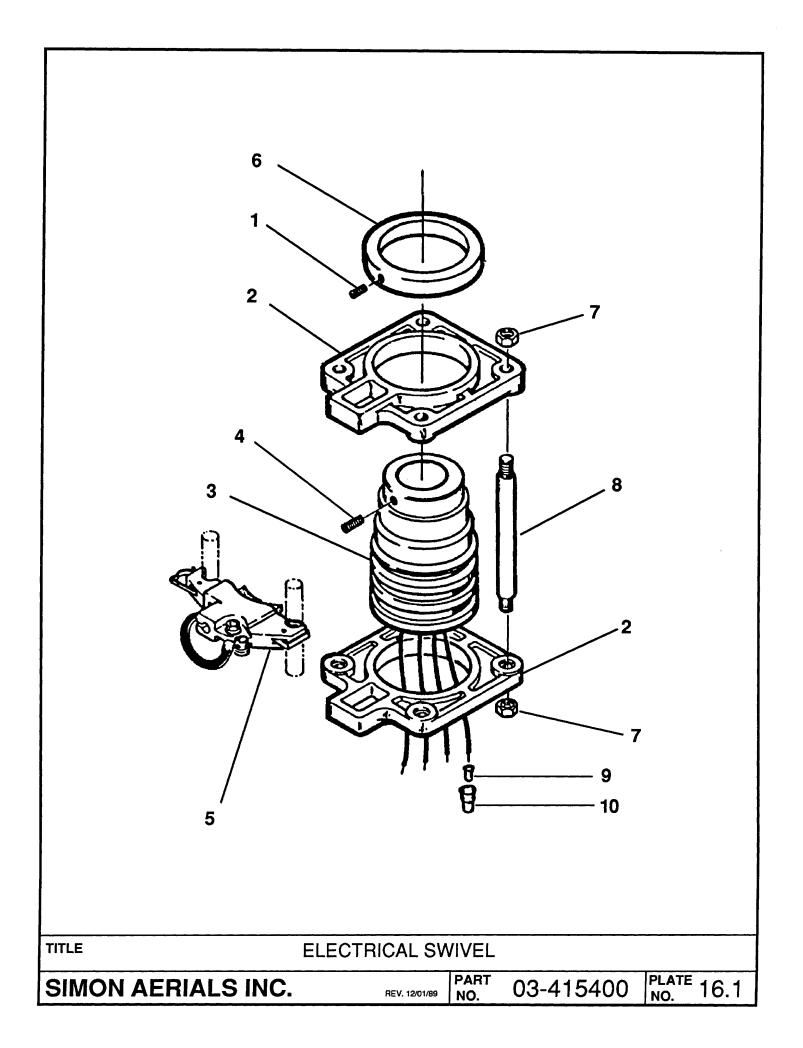
_	PARTS LIST						
ITEM	PART NO	SEE SECT.	DESCR	IPTION		QTY.	
1	08-057201		CASTER ASSEMBLY (W / P	OLY WHEEL)		1	
2	08-057202		GEAR BOX ASSEMBLY RACK POST ASSEMBLY			1	
3 4	08-057203 08-057204		MOUNTING BRACKET, GEA	AR BOX			
,	0000.00						
***********							
		000000000000000000000000000000000000000					
			NOTE: WAS PLATE 9.1 IN	SOME EARLIER CA	TALOGS.		
TITLI	E		TRAILER JACK				
PLA7	TE 14 3 SIM	ION	AERIALS INC.	REV. 12/01/89 PART NO.	08-0572	00	



PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1	TAITING		SLIDE, INNER [with 2-5/16" (58.7 mm) ball coupler]	1	
2			DAMPER		
3			PIN, DAMPER PIN, COTTER (1/8" x 3/4")	3	
5			CASE ASSEMBLY, OUTER	1	
6			ROLLER, FRONT	1	
7			PIN, FRONT ROLLER WASHER		
8 9			COVER, FRONT ROLLER	1	
10			ROLLER, REAR	2	
11			PIN, MASTER PIN, COTTER	1	
12 13			FIN. COLLEG   WASHER	1	
14			LEVER, BREAKAWAY (with pin, cable and "S"-hook)	1	
15			SPRING, BREAKAWAY LEVER BEARING	2	
16 17			RESERVOIR ASSEMBLY, BRAKE MASTER CYLINDER	1	
18			MOUNTING PLATE, MASTER CYLINDER	1	
19			ROD, PUSH CAP SCREW, HEX HEAD (3/8"-16 x 5")	1 2	
20			SPRING	2	
22			WASHER (3/8")	2	
23			NUT, HEX (3/8") BOLT, HEX HEAD (Self tapping, 5/16" x 1/2")	2 4	
24 25			CONNECTOR	1	
26			COVER	1	
ŀ					
		1	COURT IN O 17 FOOL D (0.400 I/O.) CARACITYI		
TRAILER COUPLING [7,500 LB. (3,402 KG.) CAPACITY]					
PLA NO.	TE 14.06	SIMC	NAERIALS INC. NEW. 20 JAN., 1992 PART NO. 02-035	900	



PARTS LIST					
ITEM	PART NO	SEE SECT.	DESCRIPTION	QTY.	
1	03-415401		SET SCREW	2 2	
2 3	03-415402 03-415403		PLATE, DRIVE SET SCREW	2	
4	03-415404		RING, SLIP	1	
5	03-415405		HOLDER ASSEMBLY, BRUSH RING, THRUST	2	
7	03-415406		NUT	1 8	
8	03-415407		STUD, BRUSH HOLDER	4	
9	03-415408 03-415409		INSULATOR CAP, SPLICE	2	
Ĭ					
***************					
				:	
TITLE		_	ELECTRICAL SWIVEL		
PLATI	16.1 <b>SIM</b>		AERIALS INC. REV. 12/01/89 PART NO. 03-4154	00	
NO.	10.1 3114		AERIALS INC. REV. 12/01/89 NO. 03-4 134		



PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	DKRZB55	<u> </u>	DECAL KIT, RZB 55 (includes items 2 thru 14)	1		
2	10-007200		DECAL, "DISENGAGE LOCK PIN "	2		
3	10-007600		DECAL, "120 V. A.C., 20 AMP"	1		
4	10-019000		DECAL, "DANGER" (Electrocution Hazard) (small - 4")	1		
5	10-084900		DECAL, "DANGER" (Electrocution Hazard) (large - 7")	2		
6	2105890		DECAL, "DANGER" (Fully extend outriggers)	2		
7	10-012200		DECAL, "CAUTION: For Hydraulic Fluid DTE 15"	1		
8	10-009300		DECAL, "CAUTION" (Use on a firm, level surface)	1		
9	10-013200		DECAL, "CAUTION" (Light indicates overheating)	1 1		
10	10-018900		DECAL, "BEWARE" (Potential Hazard)	1		
11	2105930		DECAL, "OPERATING INSTRUCTIONS - GROUND"	1		
12	2105920		DECAL, "OPERATING INSTRUCTIONS - PLATFORM"	1		
13	10-083000		DECAL, "SIMON" NAME [4" (102 mm) high, Black]	1		
14	10-069400		DECAL, MODEL "RZB 55" (Angled type style)	2		
15	2108320		DECAL, "DANGER" (Improper use will kill you!)	2		
16	2143860		DECAL, "WARNING" (Lower boom)	1		
17	2144210		DECAL, "TIRE PRESSURE, 75 PSI"	2		
18	10-015200		DECAL, "HYDRAULIC FLUID LEVEL CHECK"	-		
19	10-013200		DECAL, "20 AMP CIRCUIT BREAKER"	1		
20	10-016100		DECAL, "OUTRIGGERS CONTROL" (left front/ rear)	1 1		
20	10-016100		DECAL, "OUTRIGGERS CONTROL" (right front/ rear)	1 1		
21	2108220		DECAL, GROUND CONTROL VALVES			
-	2100220		(includes electrical controls I.D. For electric models)	1		
22	10-105600		DECAL, GROUND CONTROL VALVES			
	10-100000		(for use with separate electrical controls decal)	1		
23	2143430		DECAL, GROUND ELECTRICAL BOX (gas models)	1 1		
23	2160280		DECAL, GROUND ELECTRICAL BOX (dual fuel models)	1 1		
	10-105400		DECAL, GROUND ELECTRICAL BOX (electric models)	1		
24	10-104300		DECAL, PLATFORM CONTROL VALVES	1		
25	10 104000		DECAL, PLATFORM ELECTRICAL CONTROLS			
20	2156990		(for gasoline or dual fuel powered models)	1		
	No part #		(for electric powered models)	1 1		
26	2142850		DECAL, "PLATFORM INDICATOR WILL LIGHT "	1		
20 27	10-025000		DECAL, PROPANE CLEAN OUT (dual fuel models only)	1		
28	10-023000		DECAL, "GAS OUT - PROPANE IN" (dual fuel models only)	1		
29	10-105900		DECAL, "SIMON" NAME [5" (127 mm) high, White]	2		
4.3	10-103300		DECAL, MODEL "RZB 50" (Angled type style)	2		
30	10-009300		DECAL, STRIPING (Bulk item, order as needed)	1		
30	10-017400		[Black/ Orange/ Black, 3-1/2" (89 mm) wide, early models]	A.R.		
31	10-017400		TAPE, SAFETY STRIPE (Yellow/ Black)			
31	10-009300		[2" (51 mm) wide] x 36 Yard (33M) long roll]	1		
			for for many supply on their focustions and			
	l	<u> </u>				
TITLE	TITLE DECALS, RZB 50 OR RZB 55					
PLATE 99.07 SIMON AERIALS INC. REV. 02 MAR., 1992 PART NO.						
NO.	55.07	<u> </u>	N AERIALS INC. REV. 02 MAR., 1992 NO.			

