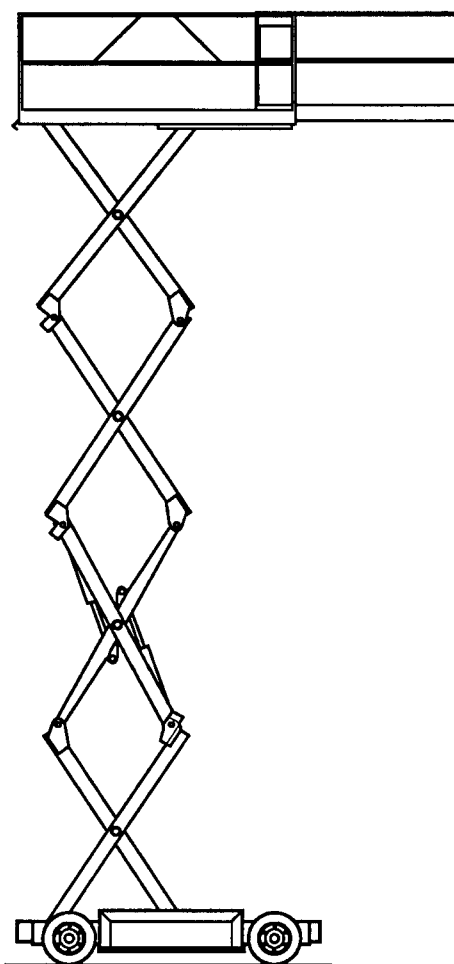


LO-RIDER

 **TEREX AERIALS**
Milwaukee, Wisconsin

ILLUSTRATED PARTS CATALOG

FOR MACHINE
SERIAL NUMBER



Art # A00.D0808E

Part No. 89-940005 • Initial Issue dated December, 1993 •

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INTRODUCTION

This Illustrated Parts Catalog is designed to help you identify and order the correct replacement parts for use on SIMON LO-RIDER SCISSORS LIFT PLATFORMS. All parts represented here are manufactured and supplied in accordance with Simon Aerials quality standards. We recommend that you use GENUINE SIMON AERIALS PARTS to insure maximum SAFETY and PERFORMANCE.

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

HOW TO USE THIS CATALOG

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

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

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

The Parts Catalog is divided into "Sections", numbered from 1 through 99. Each section contains the individual parts that make up a major component, assembly or item. The first three sections (1, 4 and 5) contain the major assemblies, or "Primary Machine Component Groups". Sections that follow contain sub-assemblies or components of these "major" assemblies.

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

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

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

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

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

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

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

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

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

**PLATFORM
SECTION 4**

**SCISSORS
SECTION 5**

**UNDERCARRIAGE
SECTION 1**

Art # A00.00906E

DESCRIPTION
PRIMARY MACHINE COMPONENT GROUPS

PART NO.

PARTS LIST

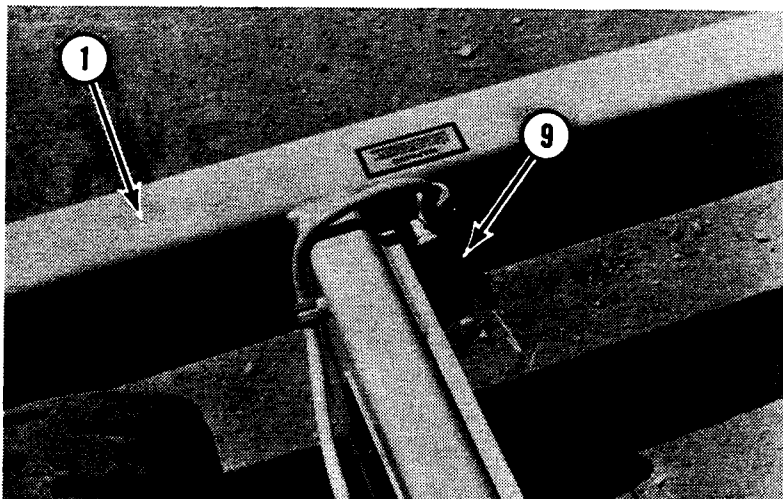
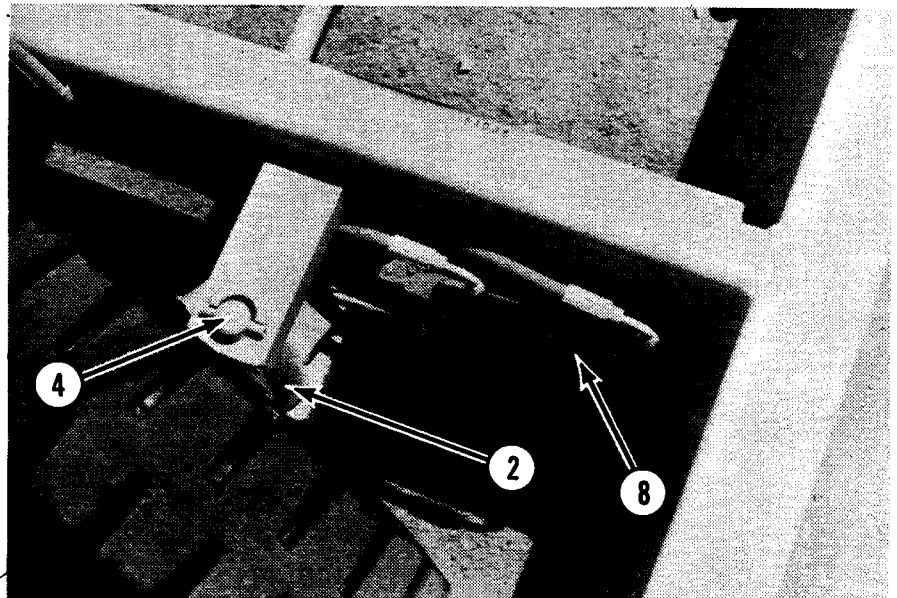
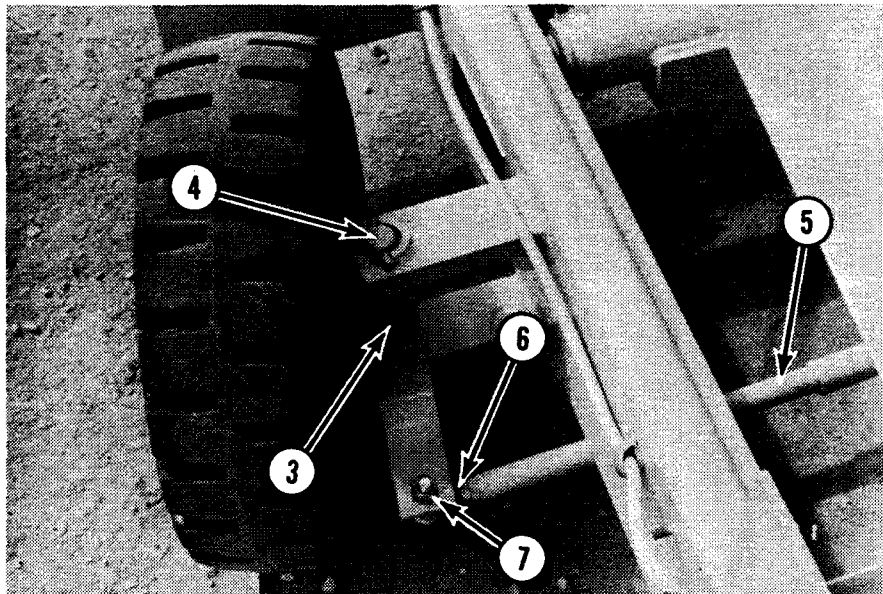
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	2218940		CHASSIS WELDMENT (LR 2150E)	1
	2307970		CHASSIS WELDMENT (LR 2750E)	1
2a	2218210		SPINDLE WELDMENT (Right hand)	1
2b	02-019800		HUB ASSEMBLY, FRONT	1
2c	02-019805		STUD, WHEEL MOUNTING	5
2d	02-019802		SEAL	1
2e	02-019804		BEARING CONE AND ROLLER (inner)	1
2f	02-019803		BEARING CONE AND ROLLER (outer)	1
2g	02-019801		CAP, HUB	1
3a	2202060		SPINDLE WELDMENT (Left hand)	1
3b	02-019800		HUB ASSEMBLY, FRONT	1
3c	02-019805		STUD, WHEEL MOUNTING	5
3d	02-019802		SEAL	1
3e	02-019804		BEARING CONE AND ROLLER (inner)	1
3f	02-019803		BEARING CONE AND ROLLER (outer)	1
3g	02-019801		CAP, HUB	1
4a	2224120		KING PIN	2
4b			ROLL PIN (3/8" x 1-3/4")	4
4c	14-100943		SHIM	AR
5	2224100		TIE ROD	1
6	48-125008		TIE ROD END	2
7a	07-003089		CAP SCREW, HEX HEAD (1/2"-13 x 2", Grade 5)	2
7b	07-046018		LOCK NUT (1/2"-13)	2
7c			FLAT WASHER (1/2" x 1-3/8" O.D.)	4
8a	04-027700		STEER CYLINDER	1
8b	04-027701		SEAL KIT, STEER CYLINDER	1
8c	06-003500		90° ELBOW (4-4 CTX-S)	2
8d	01-205900		ORIFICE	2
8e			STEER CYLINDER PIN (1/2" x 1-3/4")	2
8f	42-101160		COTTER PIN (1/8" x 1-1/2")	2
9a	03-021400		LIMIT SWITCH	1
9b	03-026200		LIMIT SWITCH ARM (Roller lever)	1

TITLE UNDERCARRIAGE ASSEMBLY, LO-RIDER (PLATE 1 OF 3)

PLATE NO. 01.63 SIMON AERIALS INC.

NEW 29 NOV., 1993

PART NO.



TITLE UNDERCARRIAGE ASSEMBLY, LO-RIDER (PLATE 1 OF 3)

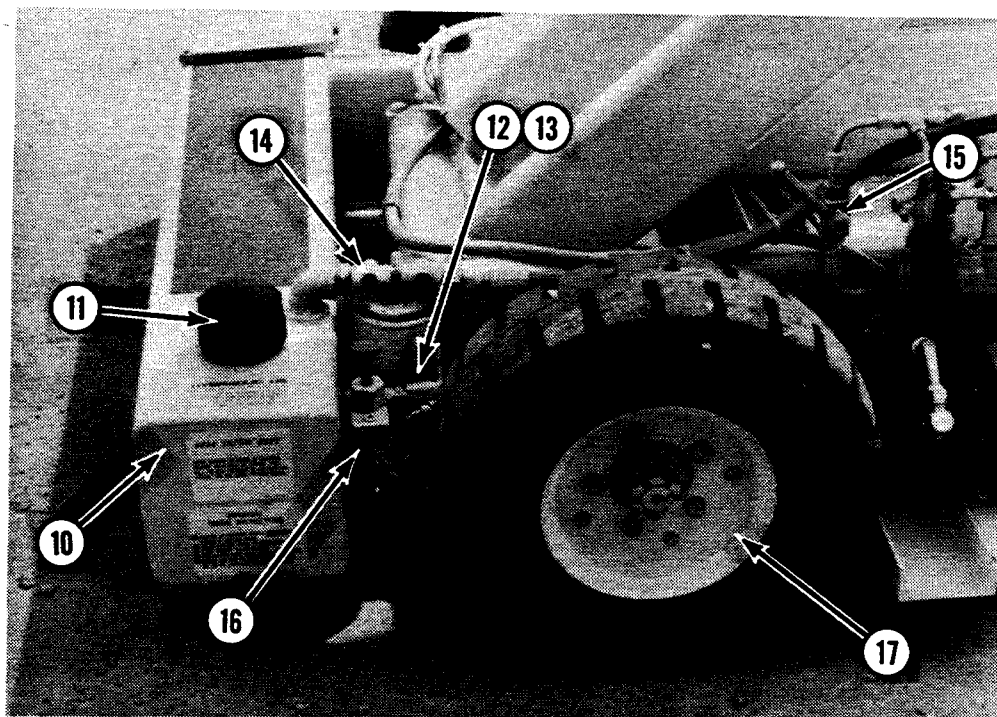
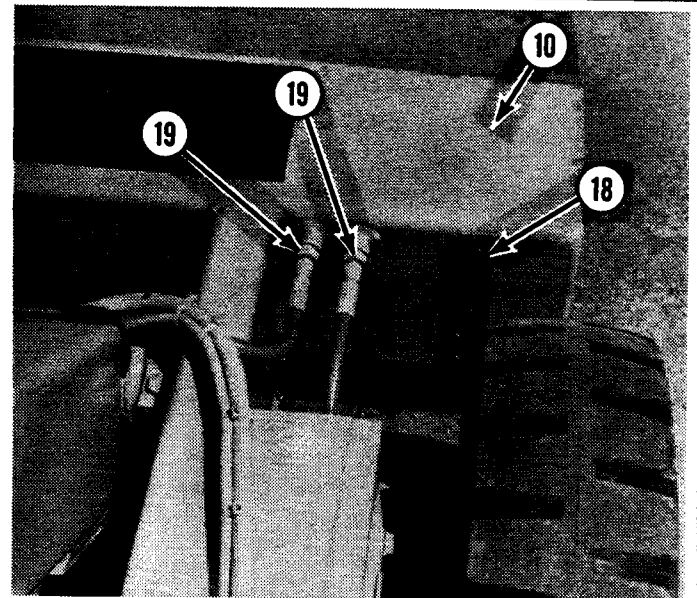
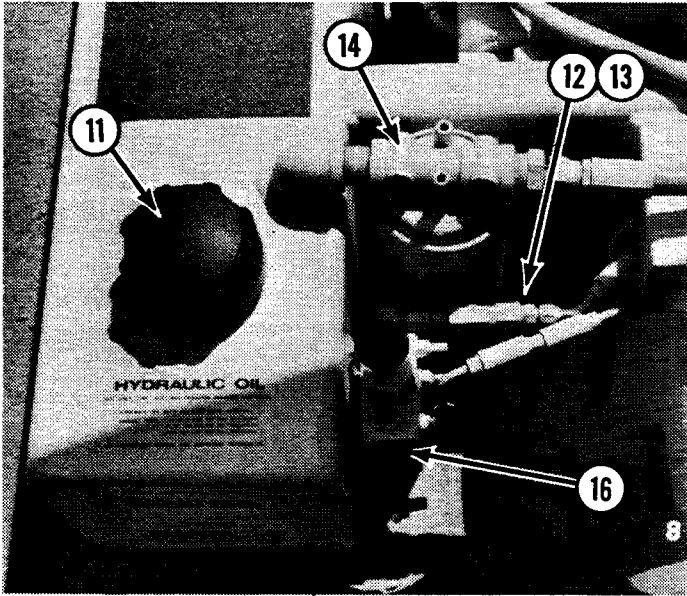
SIMON AERIALS INC.

NEW 29 NOV., 1993

PART
NO.

PLATE
NO. 01.63

PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
10	2219440		HYDRAULIC TANK	1
11	01-101000		FILLER CAP	1
12	01-104200		STRAINER (100 media, tank mounted)	1
13a	01-020600		BALL VALVE (not shown) (optional with 01-002800)	1
	01-002800		BALL VALVE (not shown) (optional with 01-020600)	1
13b	06-300600		MALE 90° PIPE FITTING (8-8)	1
13c	24-100592		ADAPTER FITTING (1/2" NPT male to 1/2" JIC male)	1
14a	01-081500		FILTER, SPIN-ON (10 micron, with bypass)	1
14b	01-081501		ELEMENT, FILTER (10 micron)	1
14c	24-100525		3/4" PIPE ELBOW	1
14d	24-100514		3/4" CLOSE NIPPLE	1
14e	06-001400		CONNECTOR, MALE (8-12 FTX-S)	1
14f	01-202400		VALVE (optional with 16-800452)	1
	16-800452		VALVE (optional with 01-202400)	1
15a	16-155671		VALVE, LOWERING	1
15b	24-100772		FITTING (4MP-6MJ)	1
15c	24-100819		FITTING (4MB-6MJ 90)	1
16a	01-209800		MANIFOLD, BRAKE RELEASE	1
16b	01-205600		BRAKE RELEASE HAND PUMP	1
17a	02-105300		TIRE AND WHEEL ASSEMBLY	4
17b			WHEEL (8" x 3-3/4", 5" bolt circle)	1
17c			TIRE	1
17d	07-090134		LUG NUT (front) (1/2"-20, 90° taper)	10
	07-090133		LUG NUT (rear) (1/2"-20 x 1" long)	10
17e	02-105100		DRIVE HUB	2
17f	01-204500		WHEEL MOTOR	2
17g	01-104500		BRAKE	2
18	01-074100		SIGHT GAUGE	1
19	24-100663		ADAPTER FITTING (3/8" NPT male to 1/4" JIC male)	2
TITLE UNDERCARRIAGE ASSEMBLY, LO-RIDER (PLATE 2 OF 3)				
PLATE NO. 01.63		SIMON AERIALS INC.		PART NO.
NEW 29 NOV., 1993				



TITLE UNDERCARRIAGE ASSEMBLY, LO-RIDER (PLATE 2 OF 3)

SIMON AERIALS INC.

NEW 29 NOV., 1993

PART
NO.

PLATE
NO.

01.63

PARTS LIST

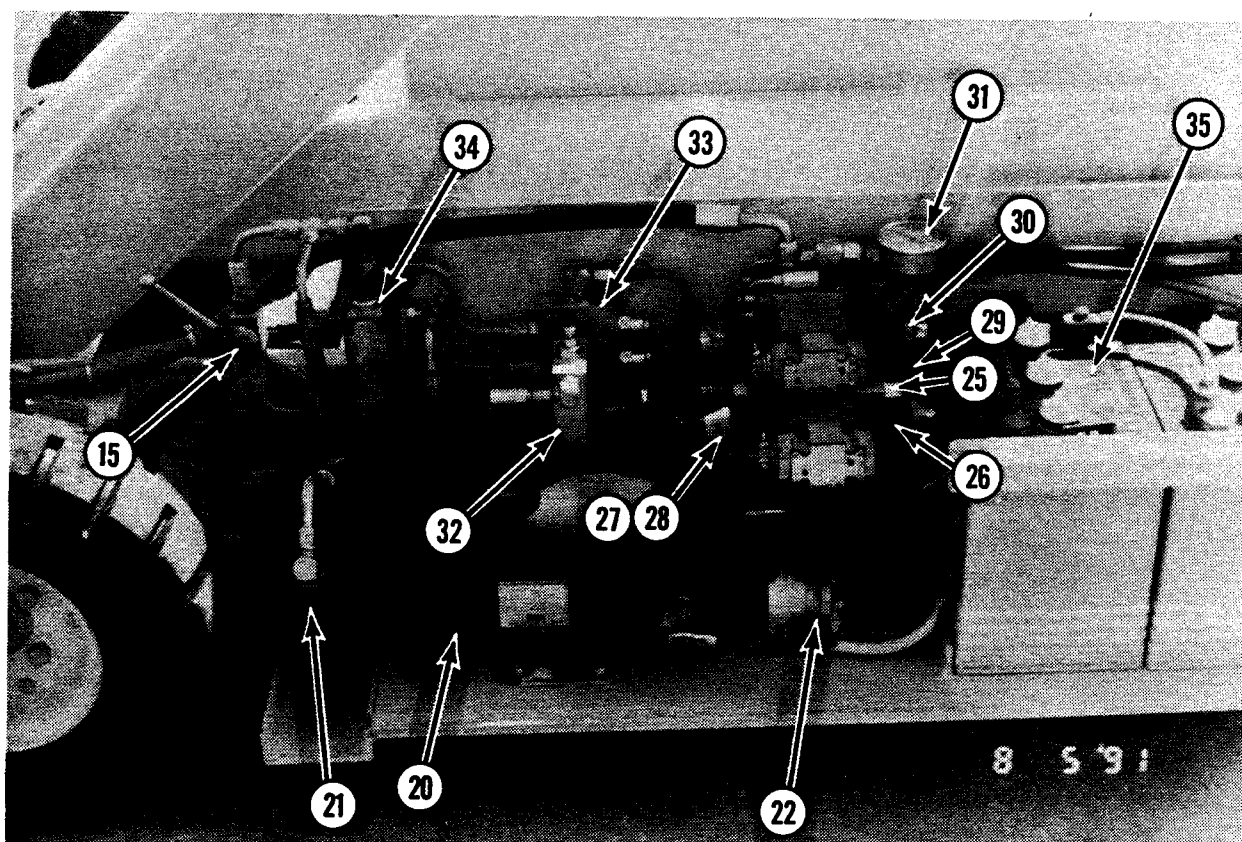
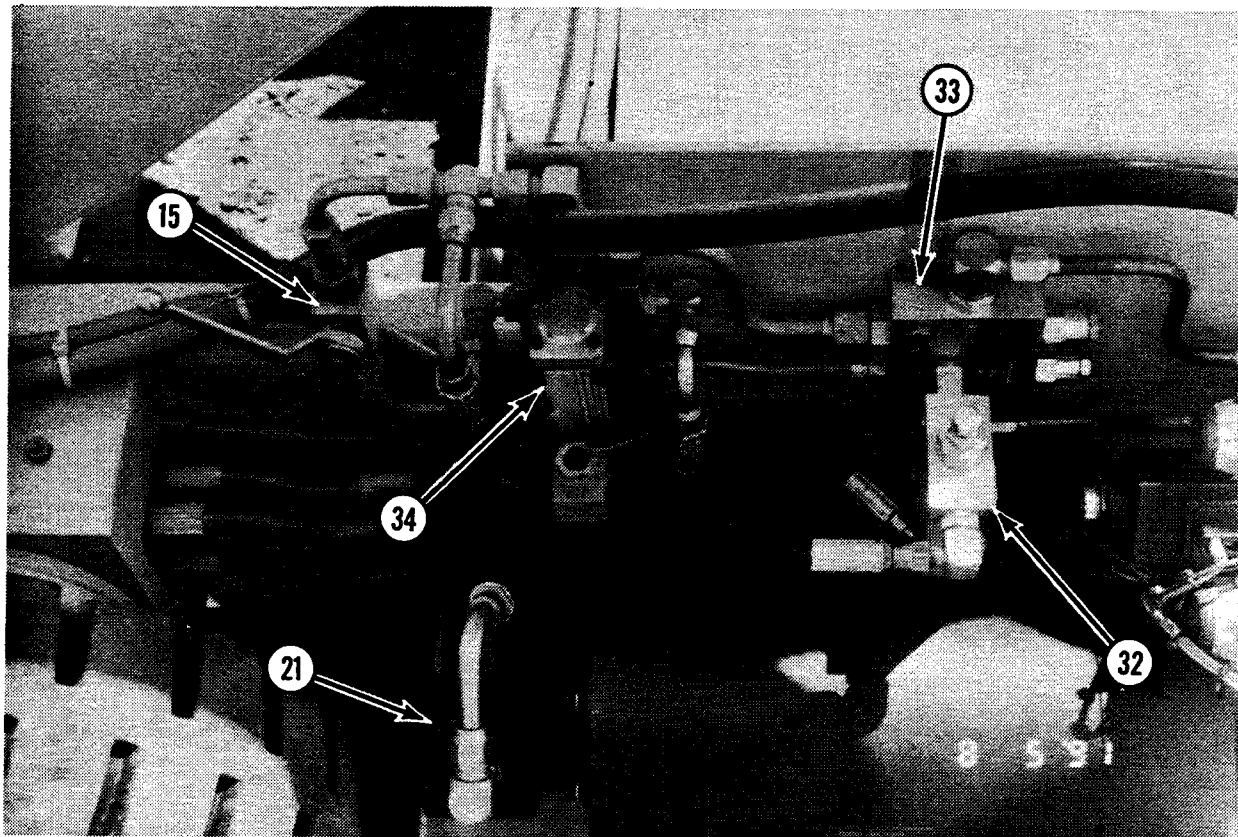
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
20	03-603300		MOTOR [24 Volt, 5 H.P (3.7 KW) @ 2400 RPM]	1
21	01-079700		PUMP (.32 c.i.) (I.D. tag reads "G 1220 A1A 200 NOO")	1
22	22-101306		CONTACTOR, POWER RELAY	1
23	03-606700		CIRCUIT BREAKER (150 Amp)	1
24a	2179710		MANIFOLD ASSEMBLY	1
24b	16-700231		VALVE, FLOW CONTROL	1
25	01-205800		MANIFOLD BLOCK (3 station, side ported)	1
26	01-203100		VALVE, LIFT	1
27	01-203800		VALVE, DRIVE	1
28	01-106700		VALVE, PROPORTIONAL	1
29	01-205700		VALVE, RELIEF (not shown)	1
30	01-203600		VALVE, STEER	1
31	01-021000		PRESSURE GAUGE	1
32a	2179730		COUNTERBALANCE MANIFOLD ASSEMBLY	1
32b	01-012800		VALVE, PRESSURE REDUCING	1
32c	06-300800		FITTING (4MB-6FP)	1
32d	06-086800		ADAPTER, "O"-RING TO FEMALE NPT (8-1/4 F50G-S)	1
33a	01-202800		DUAL COUNTERBALANCE VALVE	1
33b	06-044700		90° ELBOW, STRAIGHT THREAD (6-8 C50X-S)	2
33c	06-302100		FITTING (8MB-6MJ)	2
33d	06-044400		90° ELBOW, STRAIGHT THREAD (4-6 C50X-S)	1
33e			FITTING (4MJ - 8MB STR.)	1
33f	07-003028		CAP SCREW, HEX HEAD (5/16"-18 x 1-3/4", Grade 5)	1
33g	07-060014		WASHER, FLAT (1/4" SAE)	1
34a	2179720		SERIES/ PARALLEL VALVE ASSEMBLY	1
34b	01-078100		SUBPLATE	1
34c	01-203700		DIRECTIONAL VALVE	1
34d	06-044400		90° ELBOW, STRAIGHT THREAD (4-6 C50X-S)	2
34e	06-048500		RUN TEE, MALE "O"-RING (6 R50X-S)	2
34f	06-051500		90° ELBOW, SWIVEL NUT (6 C6X-S)	1
34g	06-054500		RUN TEE, 37° FEMALE SWIVEL NUT (6 R6X-S)	1
35	03-465500		BATTERY (6 Volt, 217 Amp Hour)	8
36	2219020		BATTERY CLAMP	2
37	2179750		COVER, CHASSIS (Right hand) (not shown)	1
38	2179760		COVER, CHASSIS (Left hand) (not shown)	1

TITLE UNDERCARRIAGE ASSEMBLY, LO-RIDER (PLATE 3 OF 3)

PLATE NO. 01.63 **SIMON AERIALS INC.**

NEW 29 NOV., 1993

PART NO.



TITLE UNDERCARRIAGE ASSEMBLY, LO-RIDER (PLATE 3 OF 3)

SIMON AERIALS INC.

NEW 29 NOV., 1993

PART
NO.

PLATE
NO.

01.63

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	2218870		MAIN PLATFORM WELDMENT	1
2	2201070		MAIN SIDE RAIL WELDMENT (Right hand)	1
3	2201080		MAIN SIDE RAIL WELDMENT (Left hand)	1
4	2201600		ENTRANCE END RAIL WELDMENT (includes safety chain)	1
5	2201590		CHAIN ASSEMBLY, SAFETY GATE (Vinyl covered)	1
6a	2201260		GATE POST WELDMENT (Hinge side) (option, not shown)	1
6b	2201280		GATE POST WELDMENT (Latch side) (option, not shown)	1
6c	2201330		SWING GATE [Full height gate, 43" (1.1 M) high]	1
	2201360		SWING GATE [Half height gate, 20-3/4" (.5 M) high]	1
7	2201230		FRONT RAIL WELDMENT (not shown) (used on versions without deck extension)	1
			DECAL MOUNTING PLATE (part of front rail)	1
8	2219630		BRACKET, PLATFORM CONTROL BOX MOUNTING (not shown, behind decal mounting plate)	1
9	see Plate . .	09. - -	PLATFORM CONTROL BOX	1
10	2218880		DECK EXTENSION WELDMENT	1
11	2202000		DECK EXTENSION SIDE RAIL WELDMENT (Right hand)	1
12	2202010		DECK EXTENSION SIDE RAIL WELDMENT (Left hand)	1
13	2201210		DECK EXTENSION FRONT RAIL WELDMENT DECAL MOUNTING PLATE (part of front rail)	1 1
14	2220520		RELEASE HANDLE	1
15	2314880		LOCK PIN ASSEMBLY, DECK EXTENSION	1
16			COTTER PIN (1/4" x 1-3/4")	2
17	2223230		ROLLER PIN, DECK EXTENSION (7/8" x 4-1/8" long)	2
18	08-102900		CAM ROLLER	2
19	2216700		TAPERED ROLLER	2
20	2224140		PAD, DECK EXTENSION WEAR STRIP	2
21	11-085200		BOX, TECHNICAL MANUAL STORAGE (not shown)	1

TITLE

PLATFORM ASSEMBLY, LO-RIDER

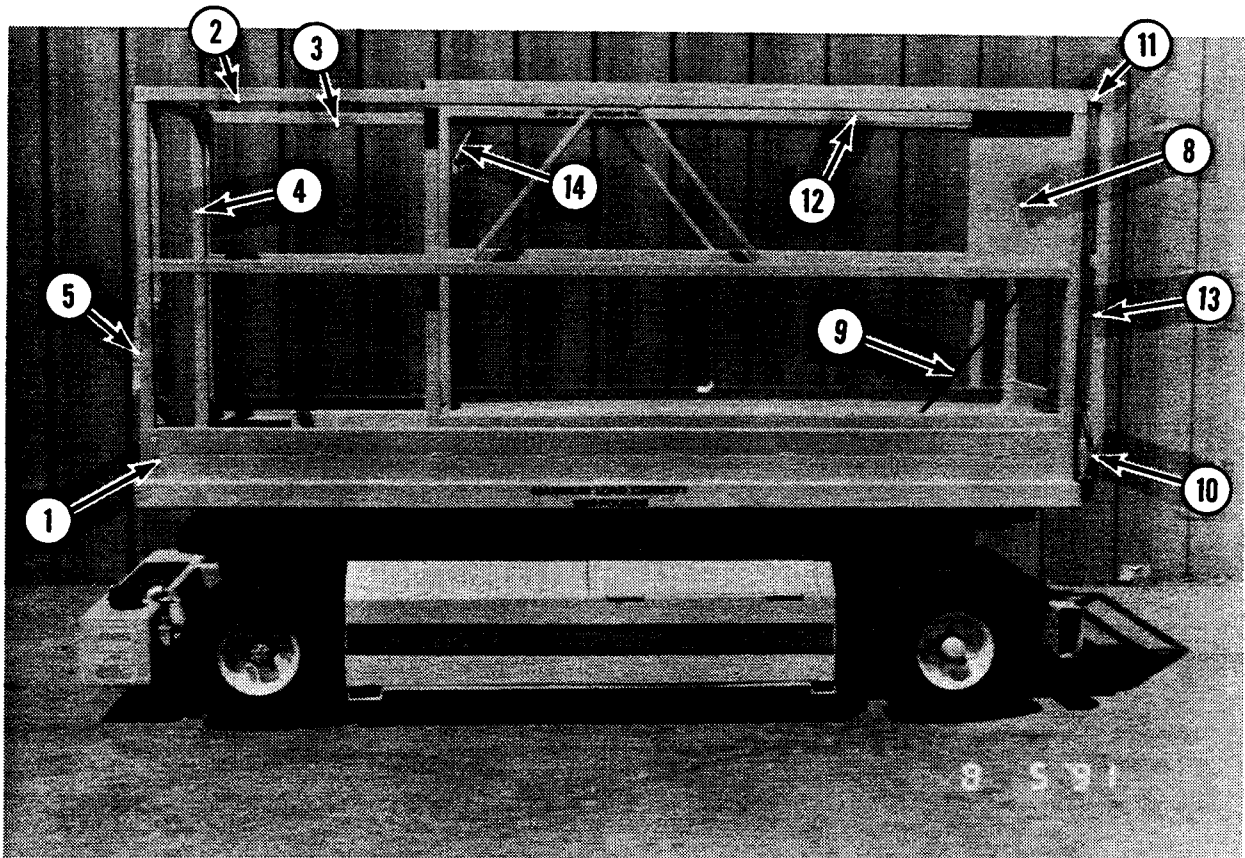
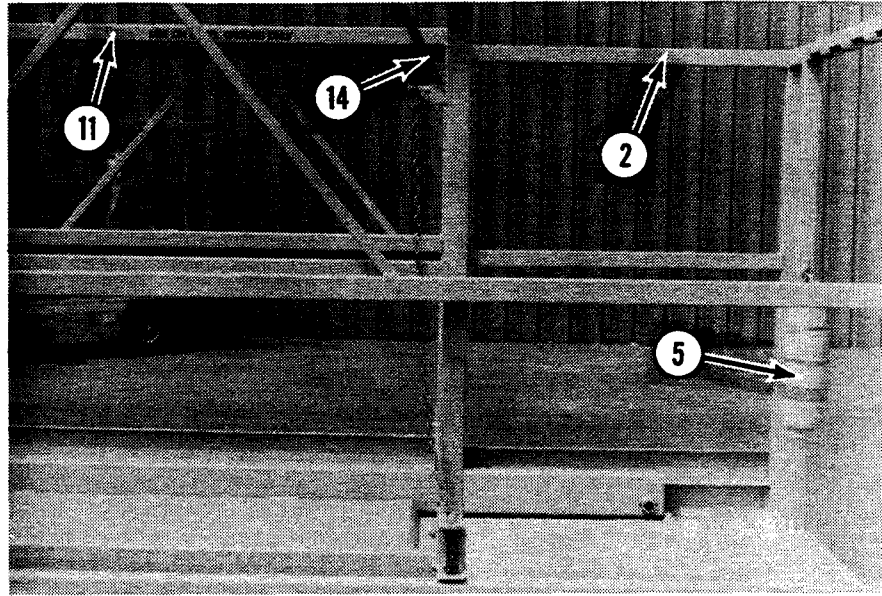
PLATE
NO.

04.66

SIMON AERIALS INC.

NEW 29 NOV., 1993

PART
NO.



TITLE

PLATFORM ASSEMBLY, LO-RIDER

SIMON AERIALS INC.

NEW 29 NOV., 1993

PART
NO.

PLATE
NO.

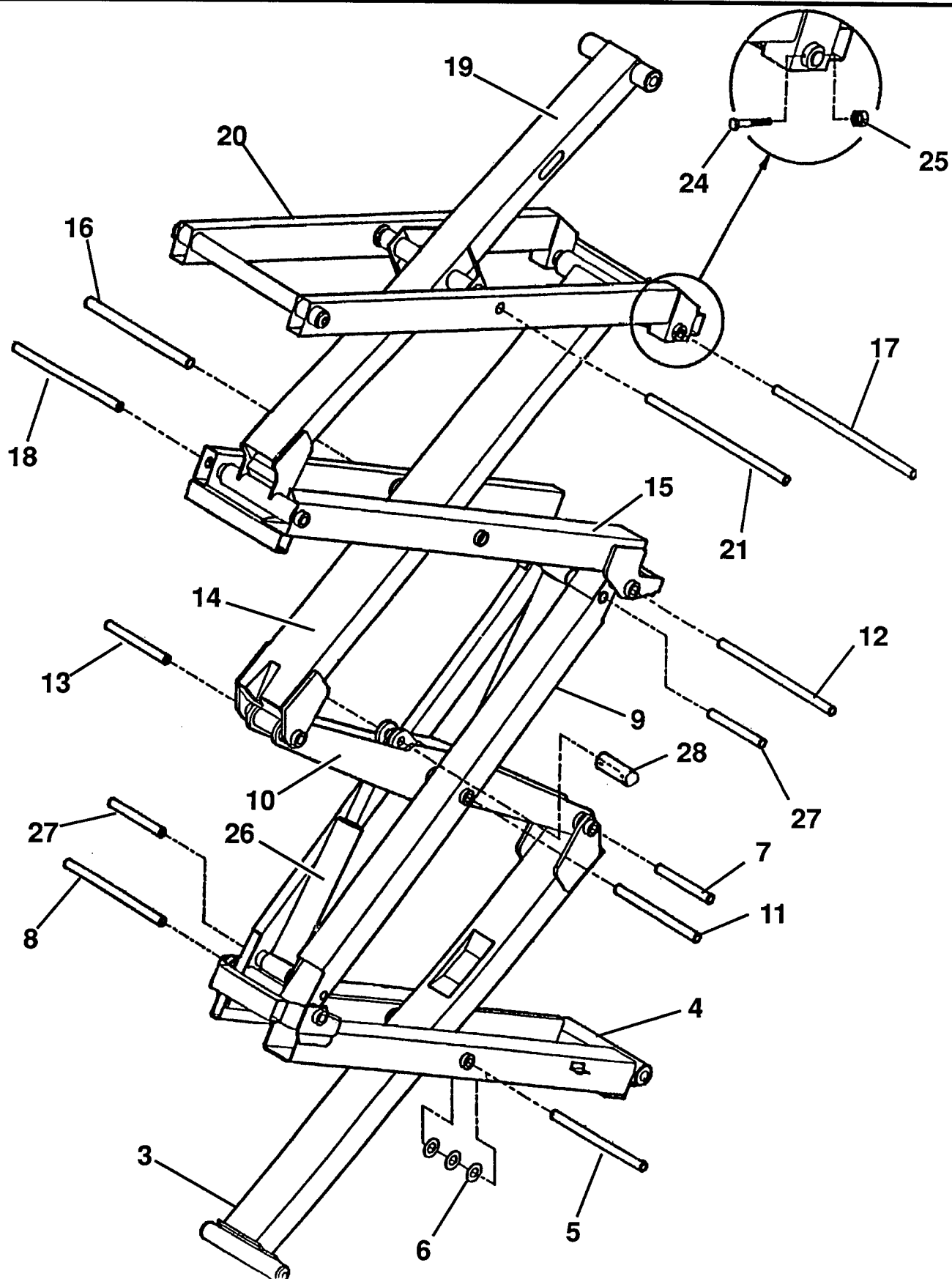
04.66

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
			This Parts Plate lists components of two styles of scissor arms for Lo-Rider 2750: on earlier style Scissor Arm Assembly, one leg of the outer segments has a wider cross-section than the other. on later style Scissor Arm Assembly, both legs of the outer segments have equal cross-sections .	
1	2219910		PIN, ANCHOR (Bottom arm) (1-1/2" x 21-5/8") (not shown)	1
2	08-068000		ROLLER, BOTTOM ARM (Cam follower, 2" dia.) (not shown)	2
3			ARM, SCISSOR [Bottom (#1) segment, inner]	
	2200910		Earlier style	1
	2201880		Later style	1
4			ARM, SCISSOR [Bottom (#1) segment, outer]	
	2200570		Earlier style	1
	2201870		Later style	1
5	2219920		PIN, BOTTOM SCISSOR ARM CENTER PIVOT (1-1/2" x 20-1/4")	1
6	No part #		SHIM (1-1/2" I.D., 2-1/4" O.D., .134" thick)	A.R.
	No part #		SHIM (1-1/2" I.D., 2-1/4" O.D., .083" thick)	A.R.
	No part #		SHIM (1-1/2" I.D., 2-1/4" O.D., .049" thick)	A.R.
7	2219950		PIN, SCISSOR ARM END PIVOT (1-1/2" x 11-3/4")	1
8	2219900		PIN, SCISSOR ARM END PIVOT (1-1/2" x 22-1/4")	1
9			ARM, SCISSOR [Lower middle (#2) segment, outer]	
	2200640		Earlier style	1
	2201890		Later style	1
10			ARM, SCISSOR [Lower middle (#2) segment, inner]	
	2200950		Both earlier and later style	1
11	2219930		PIN, LOWER MIDDLE SCISSOR ARM CENTER PIVOT (1-1/2" x 18-1/4")	1
12	2219890		PIN, SCISSOR ARM END PIVOT (1-1/2" x 25-3/4")	1
13	2219940		PIN, SCISSOR ARM END PIVOT (1-1/2" x 13-3/4")	1
14			ARM, SCISSOR [Upper middle (#3) segment, inner]	
	2200790		Earlier style	1
	2201910		Later style	1
15			ARM, SCISSOR [Upper middle (#3) segment, outer]	
	2200680		Earlier style	1
	2201900		Later style	1
16	2219880		PIN, UPPER MIDDLE SCISSOR ARM CENTER PIVOT (1-1/2" x 23-3/4")	1
17	2219760		PIN, SCISSOR ARM END PIVOT (1-1/2" x 32-5/8")	1
18	2219750		PIN, SCISSOR ARM END PIVOT (1-1/2" x 24")	1

TITLE	SCISSORS ASSEMBLY, LO-RIDER 2750 (PLATE 1 OF 2)		
PLATE NO.	05.04	SIMON AERIALS INC.	PART NO. 3530330

NEW 09 DEC., 1993



TITLE SCISSORS ASSEMBLY, LO-RIDER 2750 (PLATE 1 OF 2)

SIMON AERIALS INC.

NEW 09 DEC., 1993

PART
NO.

3530330

PLATE
NO.

05.04

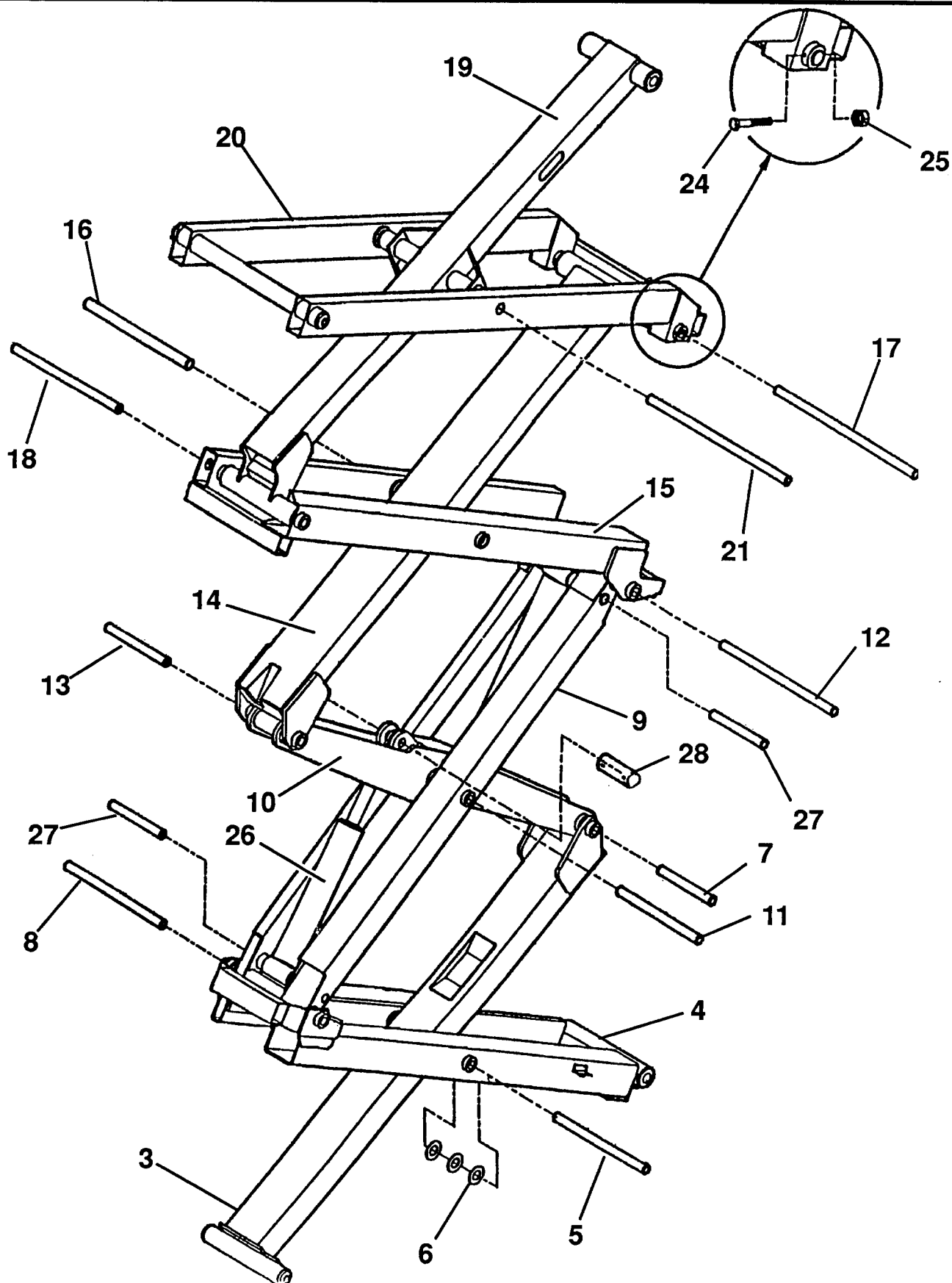
PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION
19	2200870 2201930		ARM, SCISSOR [Top (#4) segment, inr Earlier style Later style
20	2201020 2201920		ARM, SCISSOR [Top (#4) segment, ou Earlier style Later style
21	2219770		PIN, TOP SCISSOR ARM CENTER PIV (1-1/2" x 31-5/8")
22	08-068100		ROLLER, TOP ARM (Cam follower, 1-5
23	2221790		PIN, ANCHOR (Top arm) (1-1/2" x 18-1
24	07-102900 07-003053		PIN, PIVOT PIN RETAINING (not show SCREW, PIVOT PIN RETAINING (optio
25	07-102900		(3/8"-16 x 3", Grade 5 hex head cap s
26	04-034600		NUT, PIVOT PIN RETAINING (3/8"-16 s
26a	01-212000		LIFT CYLINDER
27	2219950		HOLDING VALVE, LIFT CYLINDER
28	2219780		PIN, LIFT CYLINDER (Base end) (1-1/2
			PIN, LIFT CYLINDER (Rod end) (1-1/2"

TITLE SCISSORS ASSEMBLY, LO-RIDER 2750 (PLAT

PLATE NO. 05.04 SIMON AERIALS INC.

NEW 09 DEC., 1993



TITLE SCISSORS ASSEMBLY, LO-RIDER 2750 (PLATE 2 OF 2)

SIMON AERIALS INC.

NEW 09 DEC., 1993

PART
NO.

3530330

PLATE
NO.

05.04

PARTS LIST

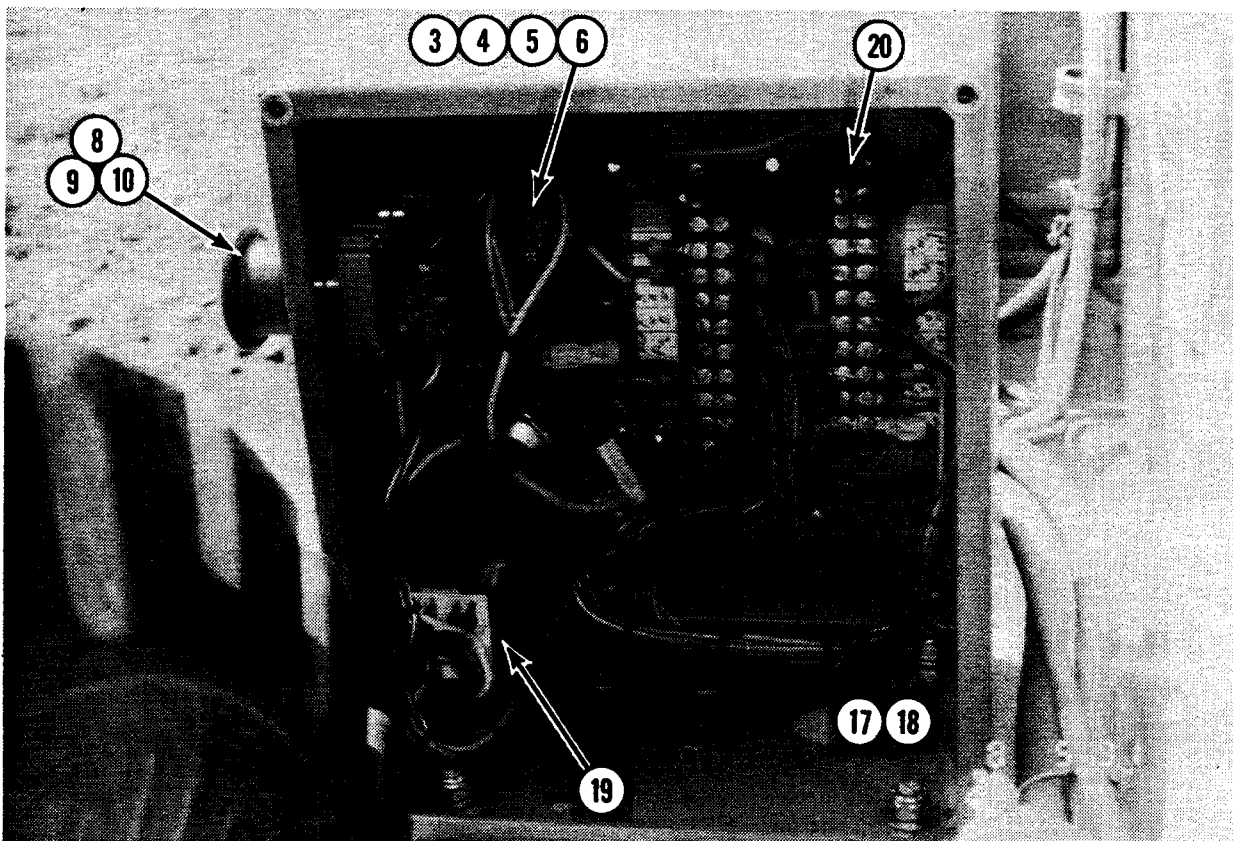
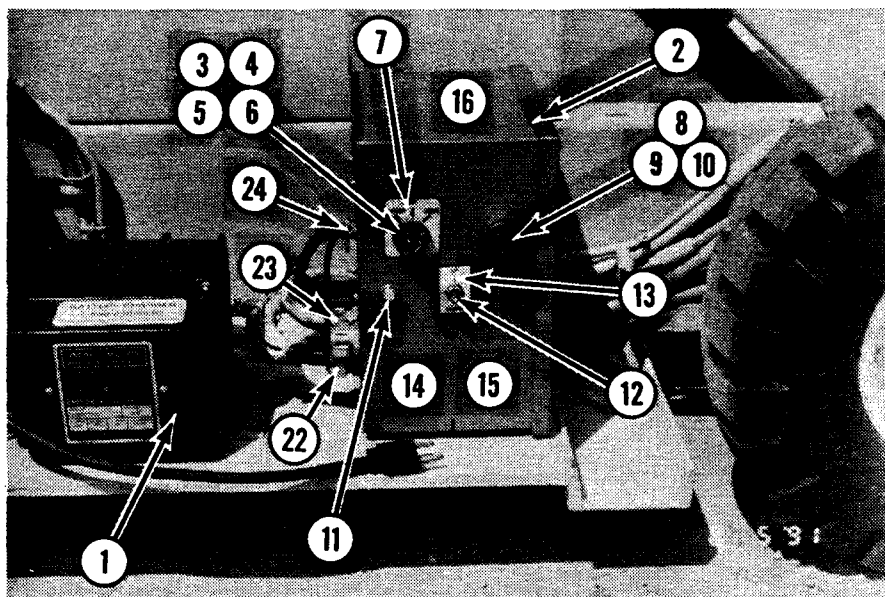
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
	2179740		LOWER CONTROL BOX ASSEMBLY	1
1			BATTERY CHARGER (40 Amp, 24 Volt DC output)	
	03-478300		115 Volt AC, 60 Hz input	1
	03-480800		230 Volt AC, 50 Hz input (Europe)	1
2	03-480500		LOWER CONTROL BOX (8" x 10" x 6" deep)	1
3			KEY SWITCH (3 position. Includes two keys)	1
	03-486500		key removable, center position only	1
	03-478200		key removable any position (European standard)	1
4	03-454900		BASE, SWITCH	1
5	03-437200		CONTACT BLOCK (normally open)	3
6	03-437300		CONTACT BLOCK (normally closed)	1
7	10-122100		DECAL, "PLATFORM/ OFF/ GROUND"	1
8	03-409800		BUTTON, EMERGENCY STOP (Red, "Push-pull" style)	1
9	03-454900		BASE, SWITCH	1
10	03-437300		CONTACT BLOCK (normally closed)	2
11	03-604700		CIRCUIT BREAKER (15 Amp)	1
12	03-020500		TOGGLE SWITCH (3 position, momentary contact)	1
13	10-209500		DECAL, "UP/ DOWN"	1
14	03-409300		GAUGE, BATTERY INDICATOR (Option. Not shown on photo, but position is indicated by key number.)	1
15	03-030500		GAUGE, HOUR METER (Option. Not shown on photo, but position is indicated by key number.)	1
16			SENSOR, LEVEL (Option. Not shown on photo, but position is indicated by key number.)	
	03-607100		4 degree	1
	03-610800		3 degree (European standard)	1
17	22-100116		BASE (with optional tilt alarm)	
			(position is indicated by key number.)	1
18	22-101115		RELAY (with optional tilt alarm)	
			(position is indicated by key number.)	1
19	03-478500		RELAY (12 Volt DC, 3 pole, double throw)	1
20	22-215032		TERMINAL BLOCK (20 position)	
			Note: photograph shows two 10-position blocks.	1
21	03-602300		DIODE (not shown)	3
22	22-101258		CORD GRIP (3/4")	2
23	03-600700		CORD GRIP (1/2")	1
24	22-100356		SQUEEZE CONNECTOR (3/8")	1
25	03-606700		CONTACTOR, POWER RELAY (200 Amp) (not shown)	1

TITLE GROUND ELECTRICAL CONTROL BOX ASSEMBLY, LO-RIDER

PLATE NO. 07.59 SIMON AERIALS INC.

NEW 29 NOV., 1993

PART NO.



TITLE GROUND ELECTRICAL CONTROL BOX ASSEMBLY, LO-RIDER

SIMON AERIALS INC.

NEW 29 NOV., 1993

PART
NO.

PLATE
NO.

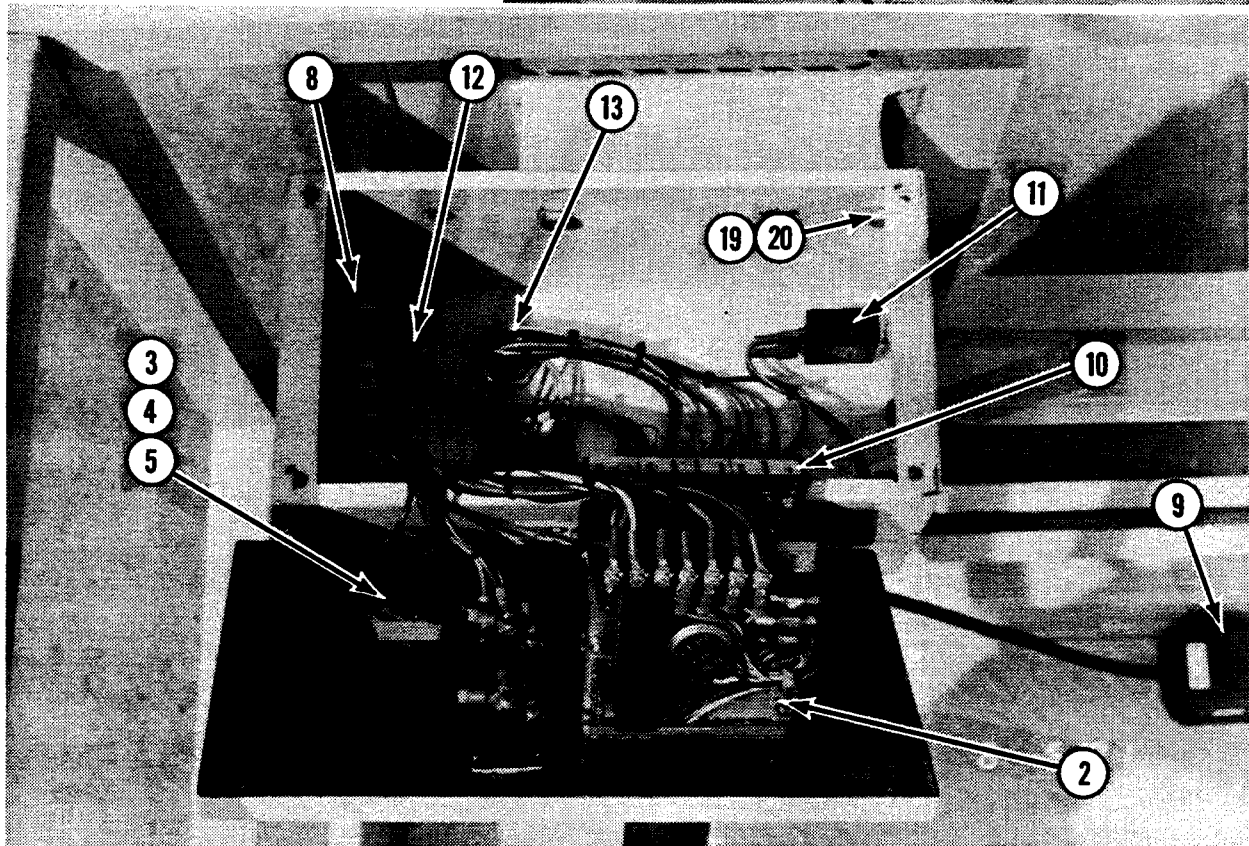
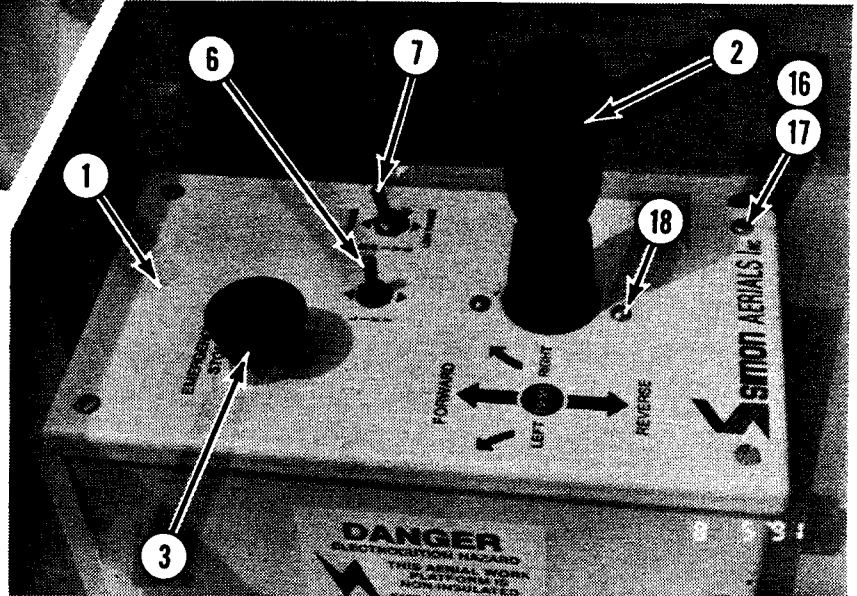
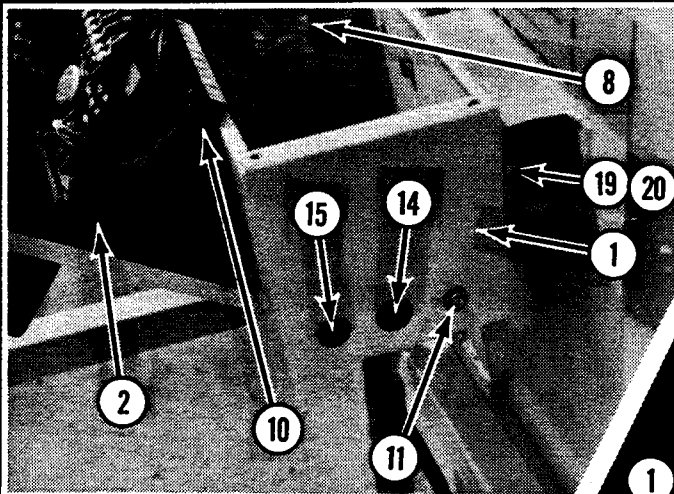
07.59

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PLATE NO.	09.63	SIMON AERIALS INC.
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NEW 29 NOV., 1993

PART
NO.



TITLE

PLATFORM CONTROL BOX ASSEMBLY, LO-RIDER

SIMON AERIALS INC.

NEW 29 NOV., 1993

PART
NO.

PLATE
NO.

09.63

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	10-130600		DECAL, "DANGER" (Hazard listing, at ground station)	1
2	10-130400		DECAL, "DANGER" (Hazard listing, at platform controls)	1
3	10-130000		DECAL, "DANGER" ("Electrocution hazard . . .")	2
4	47-215804		DECAL, "DANGER" ("Electrocution hazard . . .") (on side of platform control box, used on earlier versions)	1
5	47-215800		DECAL, "DANGER" (" . . . no arc, spark or flame . . .")	1
6	10-130200		DECAL, "WARNING" ("Machine collapsing during repairs ...")	1
	No part #		DECAL, "DANGER" (" . . . proper use of scissor spreader . . .", used on earlier versions) (not shown)	1
7	10-130300		DECAL, "DANGER" WITH HAND ("Keep away" "Pinch points will cause . . .")	2
8	No part #		DECAL, "WARNING" ("Do not alter or disable . . .", used on earlier versions) (not shown)	1
9	No part #		DECAL, "CAUTION" ("After machine is moved . . .", used on earlier versions) (not shown)	1
10	47-215806		DECAL, "CAUTION" ("Disconnect batteries . . .", used on earlier versions)	1
11	No part #		DECAL "IMPORTANT TOWING INSTRUCTIONS . . ." (used on earlier versions) (not shown)	1
12	10-122400		DECAL, "SAFETY RULES . . ." (used on earlier versions)	1
13	10-151300		DECAL, "HYDRAULIC FLUID ONLY"	1
	No part #		DECAL, "HYDRAULIC OIL . . ." (used on earlier versions) (not shown)	1
14	10-144400		DECAL, "MANUAL EMERGENCY LOWERING . . ."	1
15	10-144500		DECAL, "MANUAL BRAKE RELEASE . . ."	1
16	10-122100		DECAL, "PLATFORM/ OFF/ GROUND" (Ground control box)	1
17	10-209500		DECAL, "UP/ DOWN" (Ground control box)	1
18	10-156700		DECAL, GROUND CONTROL BOX (for model 2771-D) (not shown)	1
19	10-156500		DECAL, PLATFORM CONTROL BOX (front) (for model LR 2771-D) (not shown)	1
20	2161880		DECAL, "HORN" (with optional horn)	1
21	47-215811		DECAL, "USE ON LEVEL GROUND ONLY"	1
22			DECAL, PLATFORM CAPACITY (small)	
	10-148900		"Platform capacity 1000 Lbs (450 KG)" (2750)	2
23			DECAL, PLATFORM CAPACITY (large)	
	10-143800		"Platform capacity 1500 Lbs (680 KG), 3 occupants" (2150)	1
	10-143900		"Platform capacity 1000 Lbs (450 KG), 3 occupants" (2750)	1
	10-149200		"Platform capacity 1250 Lbs (560 KG)" (earlier versions)	1
	No part #		"Maximum load capacity 1500 Pounds" (earlier versions)	2
24	10-143000		DECAL, "PLATFORM EXTENSION CAPACITY 500 Lbs (225 kg) "	1

TITLE

DECALS, LO-RIDER (PLATE 1 OF 2)

PLATE
NO.

99.68

SIMON AERIALS INC.

NEW 07 DEC., 1993

PART
NO.

2750

**OPERATOR'S MANUAL
ENCLOSED**

DO NOT REMOVE OPERATOR'S MANUAL
FROM MACHINE. REPLACE MANUAL IF
DAMAGED OR MISSING.

CP100000

HORN

PLATFORM CAPACITY
1000 LB. (450 kg)

USE ON LEVEL GROUND ONLY

PLATFORM EXTENSION CAPACITY
500 LBS. (225 kg)

PLATFORM CAPACITY
1000 LBS. (450 kg)
(3 OCCUPANTS)

**HYDRAULIC
FLUID ONLY**

SAFETY RULES

DANGER

12  **THIS AERIAL WORK PLATFORM IS NON-INSULATED**
KEEP CLEAR OF POWER LINES AND OVERHEAD CABLES

PLATFORM CAPACITY
1250 LBS. (560 kg)

5 — DANGER —
CAUTION MUST BE TAKEN
TO INSURE THAT NO ARC,
SPARK, OR FLAME COMES
IN CONTACT WITH DUTY
GENERATED GASES.
ESPECIALLY DANGEROUS
WHEN CHARGING

CAUTION!

DISCONNECT BATTERIES FROM MACHINE BEFORE
REMOVING ANY COMPONENTS IN CONTROL HOUSING.

REMOVE RING, BRACELET AND WATCH
BEFORE WORKING IN CONTROL HOUSING.

for earlier versions

PLATFORM CAPACITY
1000 LBS. (450 kg.)

UP
↓
○
↓
DOWN

MANUAL EMERGENCY LOWERING

TO LOWER PLATFORM

- USE LOWER LIFE OF TURNING HANDLE. CLOCKWISE (C) SET IT FULLY CLOSED.
- OPERATE LOWER HANDRAUP UNTIL PLATFORM BEGINS TO LOWER.

TO RETURN TO NORMAL OPERATION

- OPEN LOWER HANDLE BY TURNING HANDLE COUNTERCLOCKWISE (C) 180° TURN.



MANUAL BRAKE RELEASE

WHEELS WILL ROLL FREELY ON SLOPES WITH BRAKES RELEASED.
 BLOCK WHEEL OR CUTTING EDGE OF WHEEL RELEASES SPRING DO NOT DRIVE SPRINGS WITH SPRINGS RELEASED.

TO RELEASE BRAKES AND TURN MOTOR:

1. CLOSE SPRING VALVE BY TURNING HANDLE COUNTERCLOCKWISE (▶) UNTIL FULLY CLOSED.
2. OPEN MOTOR VALVE BY TURNING HANDLE COUNTERCLOCKWISE (▶) UNTIL FULLY OPEN.
3. OPEN SPRING VALVE AND PUMP TO DEPRESSURE SPRINGS.
4. DEPRESSURE SPRINGS.

TO RETURN TO NORMAL OPERATION:

1. CLOSE MOTOR VALVE BY TURNING HANDLE COUNTERCLOCKWISE (▶) UNTIL FULLY CLOSED.
2. OPEN SPRING VALVE BY TURNING HANDLE COUNTERCLOCKWISE (▶) UNTIL FULLY OPEN.

 ⚠ DANGER		
THESE HAZARDS WILL RESULT IN DEATH OR SERIOUS INJURY		
TIPOVER • RETRACT the boom • RETRACT the boom • RETRACT the boom • RETRACT the boom	SAFE OPERATING PROCEDURES • RETRACT the boom • RETRACT the boom • RETRACT the boom • RETRACT the boom	EXPLOSION • RETRACT the boom • RETRACT the boom • RETRACT the boom • RETRACT the boom
INADEQUATE MAINTENANCE • RETRACT the boom • RETRACT the boom • RETRACT the boom • RETRACT the boom	INADEQUATE TRAINING • RETRACT the boom • RETRACT the boom • RETRACT the boom • RETRACT the boom	INADEQUATE INSPECTION • RETRACT the boom • RETRACT the boom • RETRACT the boom • RETRACT the boom

TITLE

DECALS, LO-RIDER (PLATE 1 OF 2)

SIMON AERIALS INC.

NEW 07 DEC 1993

PART
NO

PLATE NO.	99.68
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[illegible]

PLATE NO.	99.68	SIMON AERIALS INC.	NEW 07 DEC., 1993	PART NO.
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26
SIMON



27

LO-RIDER

2750

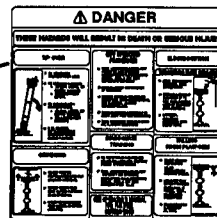
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30

25

2

**OPERATOR'S MANUAL
ENCLOSED**
DO NOT REMOVE OPERATOR'S MANUAL
FROM MACHINE. REPLACE MANUAL IF
DAMAGED OR MISSING.



HORN

20

**PLATFORM CAPACITY
1000 LBS. (450 kg)**

22

**PLATFORM CAPACITY
1000 LBS. (450 kg)
(3 OCCUPANTS)**

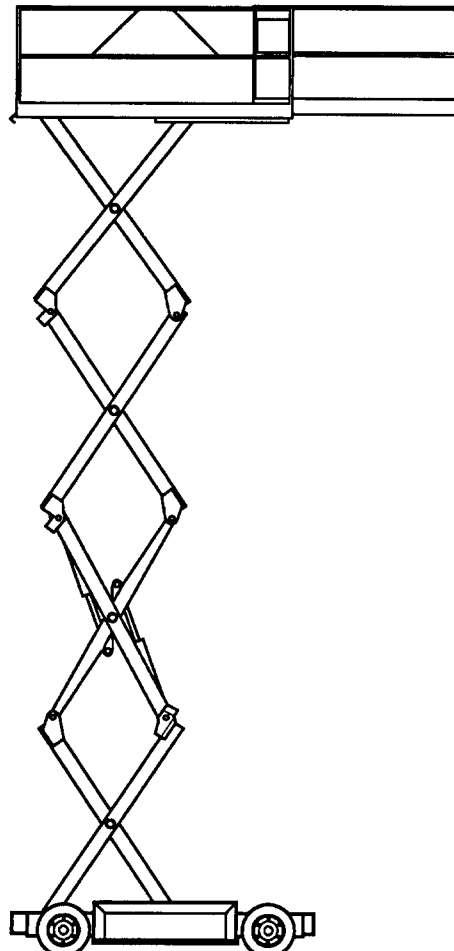
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USE ON LEVEL GROUND ONLY

24

21

**PLATFORM EXTENSION CAPACITY
500 LBS. (225 kg)**



Art # A00.00000E

13

**HYDRAULIC
FLUID ONLY**

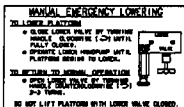
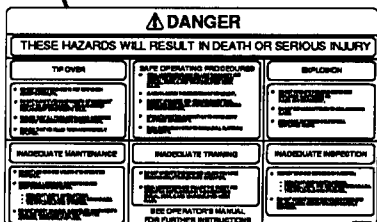
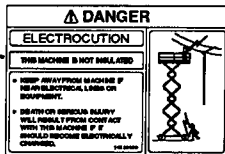
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1

3



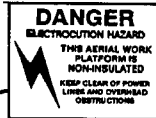
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15

12

4



**PLATFORM CAPACITY
1250 LBS. (560 kg)**

10148300

23

5



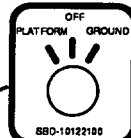
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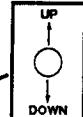
for earlier versions

22

**PLATFORM CAPACITY
1000 LBS. (450 kg)**



16



17

TITLE

DECALS, LO-RIDER (PLATE 2 OF 2)

SIMON AERIALS INC.

NEW 07 DEC., 1993

PART
NO.

PLATE
NO.

99.68

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	10-140300		DECAL, "ACHTUNG, NOTABLASS . . ." (earlier versions) (Danger, Emergency lowering . . . , German language)	1
2	10-140200		DECAL, "ACHTUNG, MANUELLES BREMSLÖSEN . . ." (Danger, Manual brake release . . . , German language)	1
3	10-141100		DECAL, "NOTABLASS, Absenken der Plattform . . ." (Emergency lowering instructions . . . , German language)	1
4	10-141000		DECAL, "NOTABLASSVENTIL . . ." ("Hand pump", German language)	1
5	10-140700		DECAL, "MOTORLÖSEVENTIL . . ." ("Hand pump", German language)	1
6	10-135400		DECAL, "Der Aufenthalt . . . ist verboten" [7" (178 mm) dia.] ("Stay out of operating zone", German language)	1
7	10-140000		DECAL, PLATFORM CAPACITY (German language) ". . . Max. Belastung 450 kg, 3 Personen . . ." (2150, 2750)	1
	10-152600		". . . Max. Belastung 560 kg, 3 Personen . . ." (2771 D)	1
8	10-148200		DECAL, PLATFORM EXTENSION CAPACITY (German)	1
9	10-140500		DECAL, GROUND CONTROL BOX LR 2150 and LR 2750, German language	1
	10-156600		LR 2771-D, German language	1
10	10-135200		DECAL, PLATFORM OPERATING INSTRUCTIONS (10 steps, German language)	1
11	10-140400		DECAL, PLATFORM CONTROL BOX (top) (German language, to overlay English printed on cover)	1
12			DECAL, PLATFORM CONTROL BOX (front) (not shown)	
	10-153100		LR 2771-D, German language	1
13	10-140800		DECAL, "HUPE" (with horn symbol) ("Horn", German language)	1
14	10-163900		DECAL, "Bedienungsanleitung Innenlegend . . ." ("Operator's manual enclosed . . .", German language)	1
15	10-083000		DECAL, "SIMON" NAME [4" (102 mm) high, Black]	3
16	10-131000		DECAL, SIMON "S" LOGO [Orange/ Gray, 5" (127 mm) wide x 7-1/2" (191 mm) high]	
17			DECAL, STRIPING (Bulk item, order as needed) [(4) Orange Stripes, 3-3/4" (95 mm) wide] [15-1/2 Ft (4.7 M) needed this application]	A.R.
18	10-153800		DECAL, MODEL NAME "LO-RIDER" (Black) [Straight type, 5" (127 mm) high]	2
19	10-153500		DECAL, MODEL NUMBER [Straight type, 5" (127 mm) high] MODEL "2150" (Black)	2
	10-153600		MODEL "2750"	2
	10-153700		MODEL "2771"	2
20	10-211100		TAPE, SAFETY STRIPE [Red/ White, 3" (76 mm) wide] [12 Ft (3.7 M) needed this application]	A.R.

TITLE

DECALS, LO-RIDER (GERMAN STANDARDS)

PLATE NO.

99.69

SIMON AERIALS INC.

NEW 07 DEC., 1993

PART NO.



PLATE NO.	99.69
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