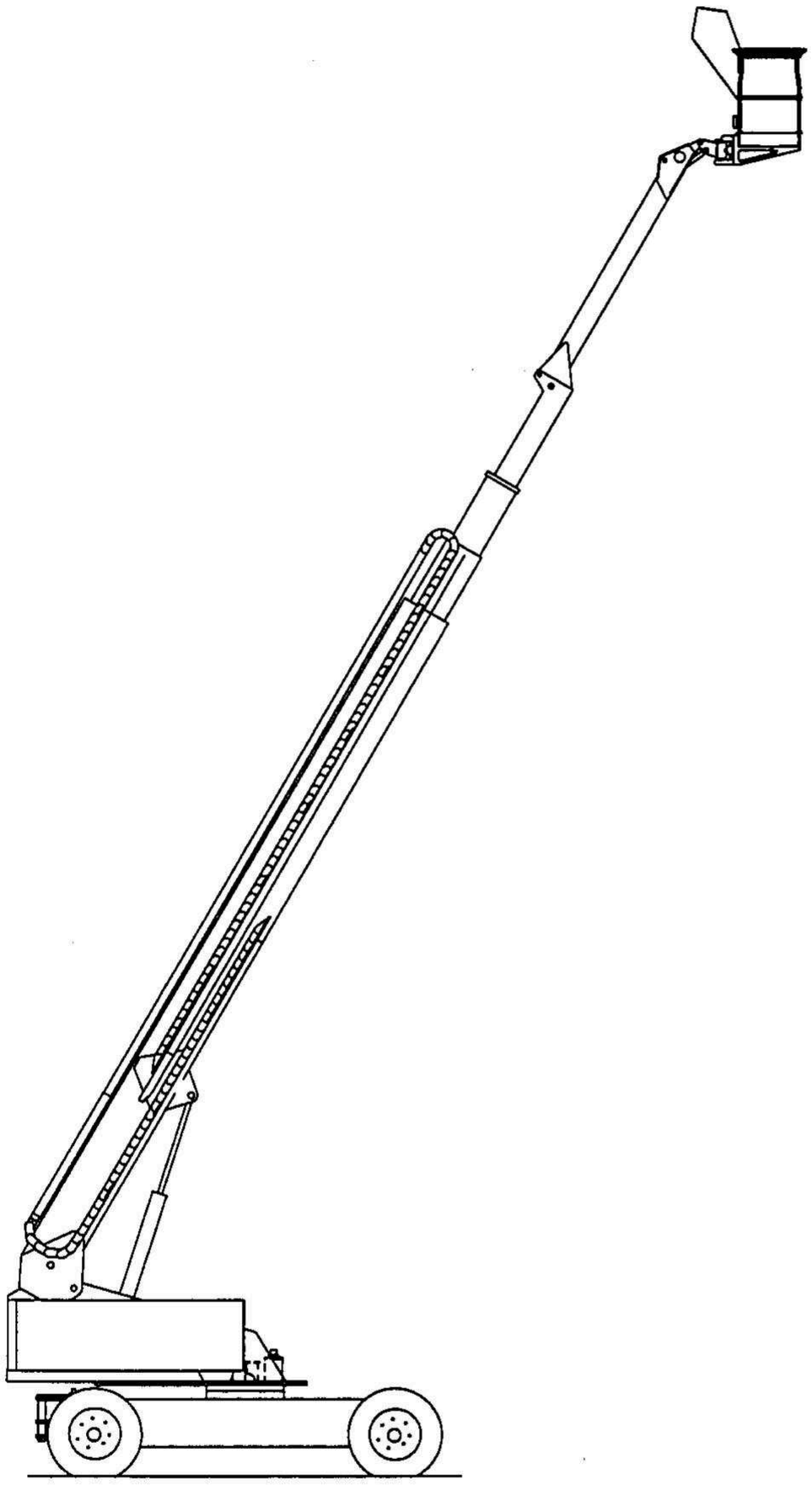
TEREX AERIALS
LIFTING

SELF-PROPELLED BOOM LIFT
MODEL TB120



FOR PARTS OR SERVICE
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PARTS MANUAL

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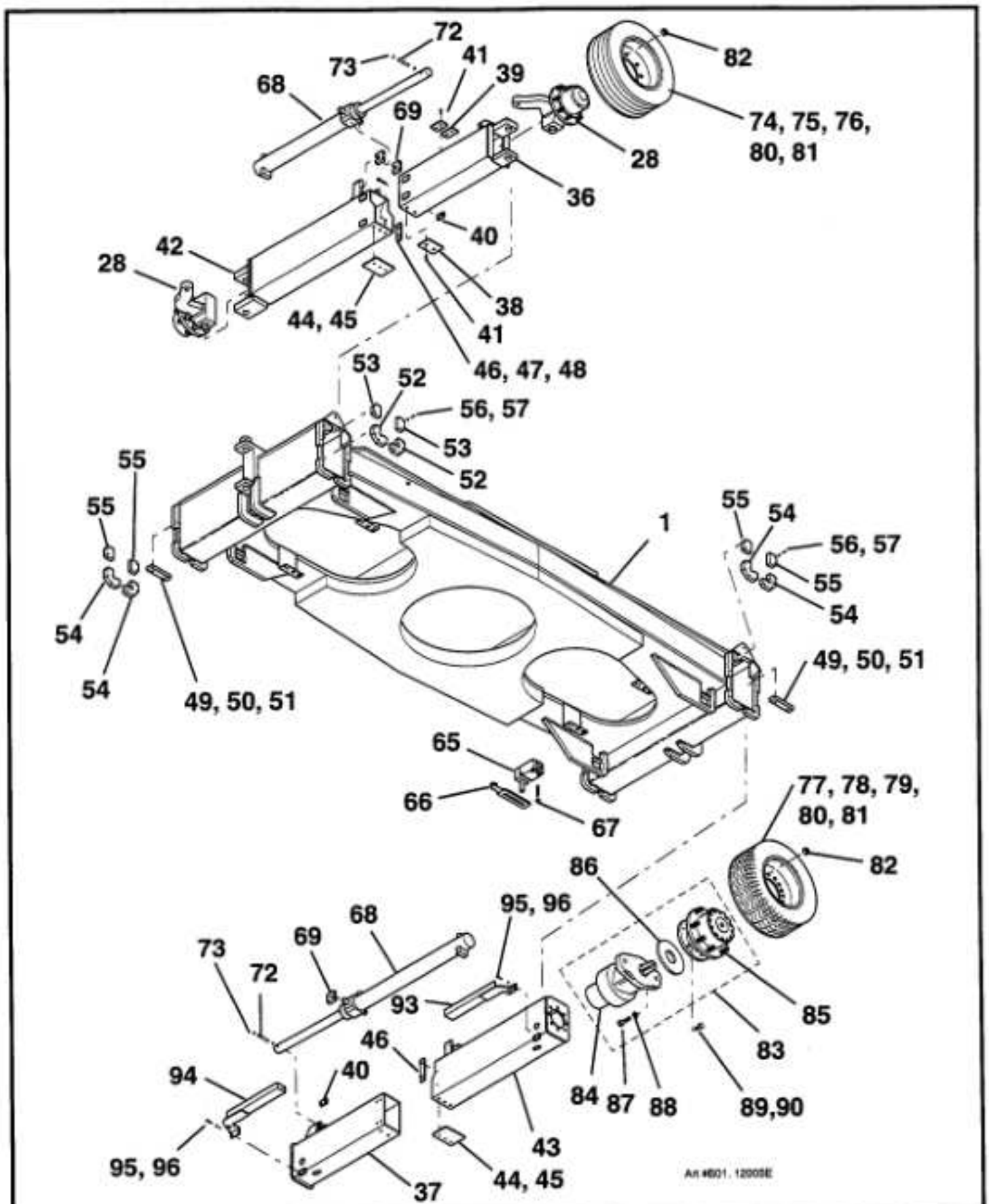
PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
63	Call Simon		NUT, WING	4
64	233 3400		LUG, TIE DOWN (special application)	4
65	03-493800		SWITCH, LIMIT (side rotary)	
			(2 normally open, 2 normally closed contacts)	4
66	03-494300		ARM, LIMIT SWITCH (fixed roller, 2-1/2")	4
67	07-008354		CAP SCREW, SOCKET HEAD (#10-24 x 1-1/4", Grade 8)	8
68	See index	D22. - -	CYLINDER, AXLE EXTEND	2
69	209 0977		RETAINER, AXLE EXTEND CYLINDER (Trunnion mount)	4
70	07-003092		CAP SCREW, HEX HEAD (1/2"-13 x 2-3/4", Grade 5)	8
71	07-065018		WASHER, HELICAL LOCK (1/2")	8
72	209 1400		PIN, AXLE CYLINDER (rod end) (1" dia. x 3-3/4" long)	2
73	08-040600		RING, RETAINING (1")	4
74	350 9180		TIRE AND WHEEL ASSEMBLY, STEER (Liquid filled)	2
	351 2060		TIRE AND WHEEL ASSEMBLY, STEER (Foam filled)	2
75	02-003700		TIRE (15-22.5, 16 Ply, Tubeless, non-directional tread)	1
76	202 9704		WHEEL ASSEMBLY (22.5" x 12-1/4")	1
76a	02-047000		TUBE, INNER (optional with liquid filled tires)	2
77	351 1440		TIRE AND WHEEL ASSEMBLY, DRIVE (Liquid filled)	2
	351 2050		TIRE AND WHEEL ASSEMBLY, DRIVE (Foam filled)	2
78	02-003600		TIRE (15-22.5, 16 Ply, Tubeless, directional tread)	1
79	202 9704		WHEEL ASSEMBLY (22.5" x 12-1/4")	1
79a	02-047000		TUBE, INNER (optional with liquid filled tires)	2
80	02-038600		TIRE, NON MARKING (Optional 12" x 20" solid tire)	4
81	219 6870		WHEEL ASSEMBLY	
			(Two piece, 20" x 8", for optional solid tire only)	4
82	07-058123		NUT, FLANGED (Self locking) (3/4"-16, Grade 5)	40
83	351 0540		DRIVE HUB ASSEMBLY	2
84	See index	D03. - -	MOTOR, HYDRAULIC	1
85	See index	F01. - -	HUB, TORQUE	1
86	01-030900		SEAL	1
87	07-003087		CAP SCREW, HEX HEAD (1/2"-13 x 1-1/2", Grade 5)	2
88	07-065018		WASHER, HELICAL LOCK (1/2")	2
89	07-003128		CAP SCREW, HEX HEAD (5/8"-11 x 1-3/4", Grade 5)	16
90	07-065021		WASHER, HELICAL LOCK (5/8")	16
91	214 1980		TUBE, HYDRAULIC (Drive motor, right) (not shown)	1
92	214 1990		TUBE, HYDRAULIC (Drive motor, left) (not shown)	1
93	214 2270		CARRIER, HOSE (non-steer axle, left)	1
94	214 2280		CARRIER, HOSE (non-steer axle, right)	1
95	07-003086		CAP SCREW, HEX HEAD (1/2"-13 x 1-1/4", Grade 5)	
			(to attach hose carriers)	4
96	07-065018		WASHER, HELICAL LOCK (1/2")	4

TITLE: UNDERCARRIAGE ASSEMBLY (2WD) (PLATE 3 OF 5)

PLATE NO. B01.12 | **SIMON AERIALS INC.** REV. 13 MAR., 1996 | PART NO.

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TITLE	UNDERCARRIAGE ASSEMBLY (2WD) (PLATE 3 OF 5)		
SIMON AERIALS INC. REV. 13 MAR., 1995		PART NO.	PLATE NO. B01.12

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PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
97	08-015000		SWING BEARING	1
98	208 8419		PAN, SWING BEARING OIL	1
99	10-005500		SEAL, BEARING (Bulk item, order as needed.	
			17 Ft [5.2 M] used in this application)	A.R.
100	09-047600		CLAMP KIT, SEAL (1/2" wide stainless steel, with hardware)	
			(50 Ft [15.2 M] in kit is sufficient for two applications)	A.R.
101	01-040400		"O"-RING	18
102			CAP SCREW, HEX HEAD (Swing bearing to undercarriage)	
	07-004160		Except RP 120 (3/4"-10 x 6-1/2", Grade 8)	18
	07-004162		For model RP 120 (3/4"-10 x 6", Grade 8)	18
103	07-061022		WASHER, FLAT (Hardened, 3/4" SAE)	49
104			CAP SCREW, HEX HEAD (Swing bearing to superstructure)	
	07-004158		(3/4"-10 x 4-1/2", Grade 8)	20
	07-004162		(3/4"-10 x 6", Grade 8)	11
105	209 3349		SPACER	11
106	See index	D02. - -	SWIVEL, HYDRAULIC	1
106a	210 1030		STOP, SWIVEL	2
107	206 7559		ADAPTER, HYDRAULIC TO ELECTRICAL SWIVEL	1
108	03-438500		SWIVEL ASSEMBLY, ELECTRICAL (6 circuit)	1
	03-038200	E04.02	SWIVEL ASSEMBLY, ELECTRICAL (4 circuit)	
			(Older version, no longer available. Use 03-438500)	1
109	207 0746		LOCK, ELECTRICAL SWIVEL (some earlier units)	1
	11-007006		ROD, THREADED (1/2"-13 x 18" long) (on later units)	1
110	07-040018		NUT, HEX (1/2"-13, Grade 5)	1
111	07-065018		WASHER, HELICAL LOCK (1/2")	1
112	07-003087		CAP SCREW, HEX HEAD (1/2"-13 x 1-1/2", Grade 5)	4
113	07-065018		WASHER, HELICAL LOCK (1/2")	4
114	03-472100		STRAP, GROUNDING (option)	1
115	07-058400		NUT, LUG (1/2"-13, Grade 8)	1
116	351 6830	C12.01	SELECTOR VALVE ASSEMBLY (Steer/ Axle extend)	1
117	10-042400		KNOB, BALL (Plastic)	1
118	07-003045		CAP SCREW, HEX HEAD (3/8"-16 x 1", Grade 5)	8
119	07-062016		WASHER, FLAT (3/8")	16
120	See plate . .	C12.02	VALVE ASSEMBLY, DRIVE (2 wheel drive)	1
	351 6820	C12.03	VALVE ASSEMBLY, DRIVE (2 wheel, 2 speed drive)	1
121	01-011400		VALVE, CARTRIDGE RELIEF	1

TITLE	UNDERCARRIAGE ASSEMBLY (2WD) (PLATE 4 OF 5)	
PLATE NO. B01.12	SIMON AERIALS INC. REV. 13 MAR., 1996	PART NO.

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