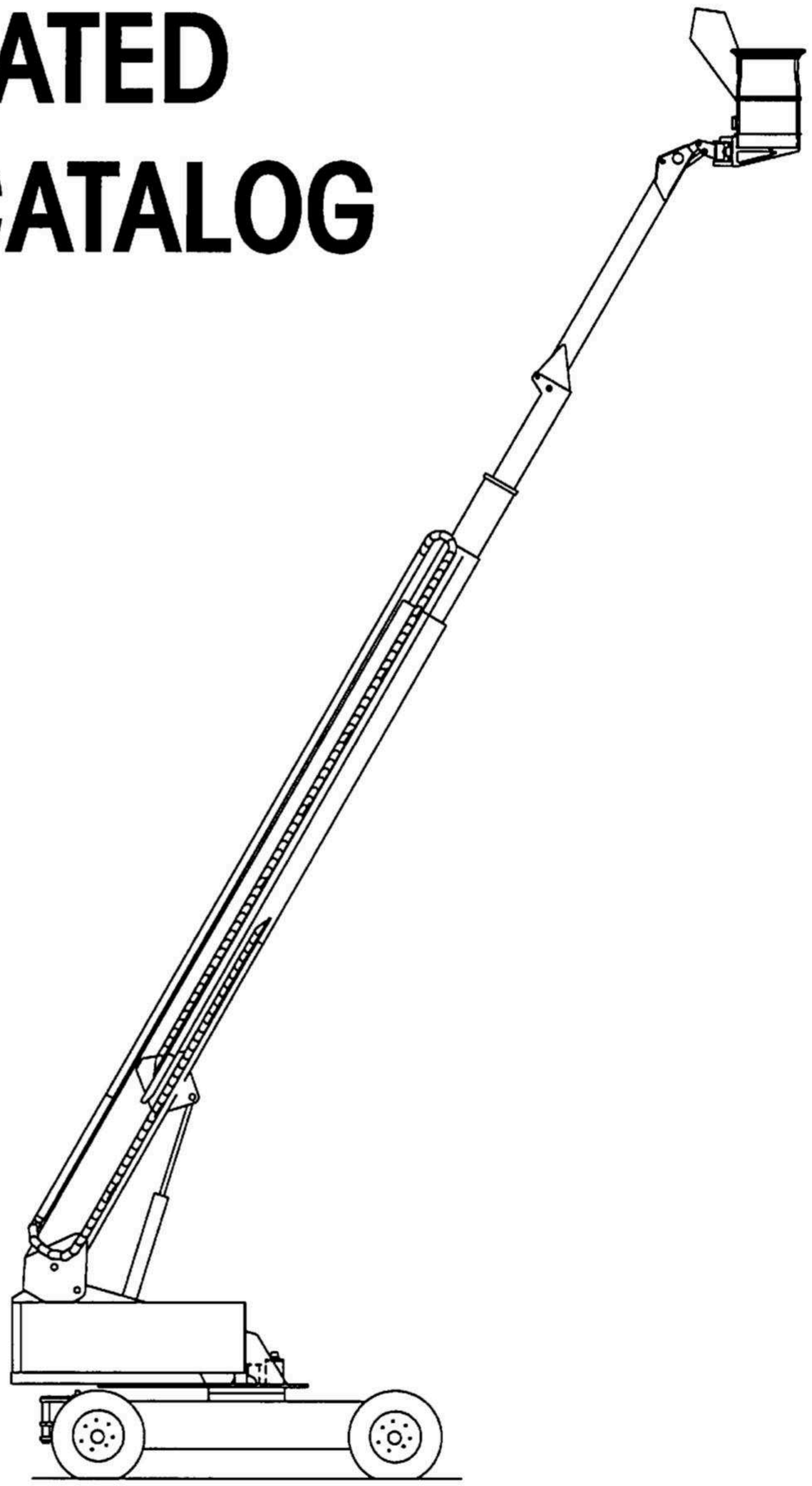
TEREX AERIALS
Milwaukee, Wisconsin

RP 120 "Reach Plus"

ILLUSTRATED PARTS CATALOG

FOR MACHINE
SERIAL NUMBER

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Part No. 89-126005 • Revision "0.3" dated Apr. 1996 •

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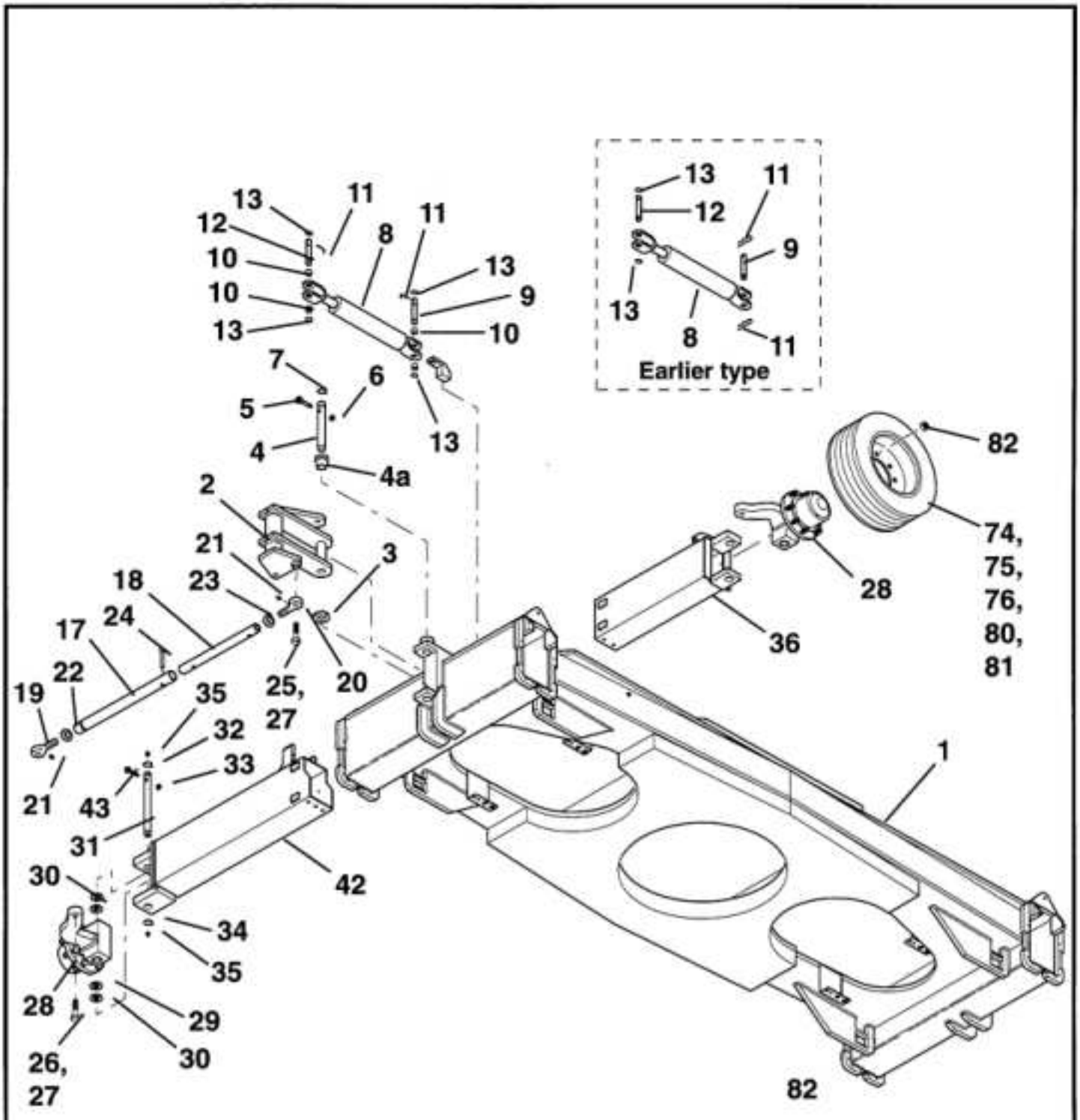
PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
			This undercarriage for long reach, heavy capacity MP or RP series (MPH 80, MP 95, MP 110, RP 120) with extendable axles. For 4WD components, see plate B01.28.	
1	209 5804		UNDERCARRIAGE WELDMENT (for two-wheel drive)	1
2	209 5932		ARM, CENTER STEER (without tow package)	
	(style 1)		specify drilled for 1" dia. steer cylinder pin (**no** bearings).	1
	(style 2)		specify drilled for 1-1/4" O.D. steer cylinder pin bearings.	1
			(Note: with tow package, **also order** tow bar pin tube, part number 2103600. Welding required.)	
3	08-014100		WASHER, THRUST (1-1/2" I.D., 3-1/2" O.D.)	2
4	208 9962		PIN, STEER ARM (1-1/2" dia. x 19" long)	1
4a	08-002000		BEARING, FLANGED	1
5	07-003095		CAP SCREW, HEX HEAD (1/2"-13 x 3-1/2", Grade 5)	1
6	07-058400		NUT, LOCK (1/2"-13, Grade 8)	1
7	08-040900		RING, RETAINING (1-1/2")	1
8	See index	D01. - -	CYLINDER, STEER	1
9			PIN, STEER CYLINDER (base end)	
	04-003401		Early type (1" dia. x 3-1/2" long, used with hairpin clip)	1
	232 8180		Later type (1" x 3-15/16", used with "L" pin 2197360)	1
10	08-070400		BEARING, SLEEVE (used with later style pins)	
			(Bronze, 1" I.D., 1-1/4" O.D., 1/2" long)	4
11	04-003404		CLIP, HAIR PIN (for earlier style pins)	2
	219 7360		PIN, LOCK ("L"-type, 2" [51 mm] long, for later style pins)	2
12			PIN, STEER CYLINDER (rod end)	
	217 1250		Early type (1" dia. x 3-7/16" long, used with hairpin clip)	1
	232 8180		Later type (1" x 3-15/16", used with "L" pin 2197360)	1
13	08-040600		RING, RETAINING (1") (2 used with earlier pins, 4 later)	A.R.
14	10-042700		BOOT, STEER CYLINDER (option, not shown) (3" I.D., 4-1/2" O.D., 10" long)	1
15	09-008500		CLAMP, HOSE (3-1/2", worm type)	1
16	09-008700		CLAMP, HOSE (4-1/2", worm type)	1
17	209 1367		TIE ROD (outer)	2
18	209 1358		TIE ROD (inner)	2
19	08-016800		END, TIE ROD (Right hand thread) (includes grease fitting)	2
20	08-016900		END, TIE ROD (Left hand thread) (includes grease fitting)	2
21	08-053100		FITTING, GREASE (1/4"-28, Straight)	4
22	07-090004		NUT, JAM (1-1/4"-12, Right hand thread)	2
23	07-090005		NUT, JAM (1-1/4"-12, Left hand thread)	2
24	07-080001		PIN, HITCH (3/4" x 3")	2
25	07-090008		CAP SCREW, HEX HEAD (1"-8 x 3-1/2", Grade 8)	2
26	07-090009		CAP SCREW, HEX HEAD (1"-8 x 5", Grade 8)	2
27	07-090011		NUT, TOP LOCK (1"-8)	2

TITLE: UNDERCARRIAGE ASSEMBLY (2WD) (PLATE 1 OF 5)

PLATE NO. B01.12 | **SIMON AERIALS INC.** REV. 13 MAR., 1998 | PART NO.

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TITLE	UNDERCARRIAGE ASSEMBLY (2WD) (PLATE 1 OF 5)		
SIMON AERIALS INC. REV. 13 MAR., 1995		PART NO.	PLATE NO. B01.12

PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
28	See plate . .	C01. - -	SPINDLE ASSEMBLY (for two-wheel drive)	2
29	08-014100		WASHER, THRUST (1-1/2" I.D., 3-1/2" O.D.)	4
30	214 2180		RETAINER, STEER SPINDLE THRUST WASHER	4
31	209 1419		PIN, SPINDLE (1-1/2" dia. x 14-5/16" long)	2
32	07-004102		CAP SCREW, HEX HEAD (1/2"-13 x 4-1/2", Grade 8)	2
33	07-058400		NUT, LOCK (1/2"-13, Grade 8)	2
34	08-040900		RING, RETAINING (1-1/2")	4
35	08-051300		FITTING, GREASE (1/4"-28, 90°)	4
36			TUBE ASSEMBLY, STEER AXLE (inner)	1
	209 1176		without lifting lug (Standard version)	
	233 9840		with lifting lug (Special application. See Item 58)	
37	214 2040		TUBE ASSEMBLY, NON STEER AXLE (inner) (no lifting lug)	1
38	209 1329		PLATE, INNER AXLE TUBE WEAR (lower)	2
39	213 0340		PLATE, INNER AXLE TUBE WEAR (upper) (earlier versions)	4
	230 2270		BEARING PAD AND STOP (inner axle) (later versions)	8
40	209 1279		PLATE, INNER AXLE TUBE WEAR (side)	4
41	07-090069		CAP SCREW, FLAT HEAD (1/2"-13 x 1", Grade 5)	28
42			TUBE ASSEMBLY, STEER AXLE (outer)	1
	209 1181		without lifting lug (Standard version)	
	233 9860		with lifting lug (Special application. See Item 58)	
43	214 2020		TUBE ASSEMBLY, NON STEER AXLE (outer) (no lifting lug)	1
44	209 1334		PLATE, OUTER AXLE TUBE WEAR (lower)	2
45	07-090069		CAP SCREW, FLAT HEAD (1/2"-13 x 1", Grade 5)	6
46	209 1297		PLATE, OUTER AXLE TUBE WEAR (side)	2
47	07-003085		CAP SCREW, HEX HEAD (1/2"-13 x 1", Grade 5) (to attach side wear plates. Grind flush after installation)	4
48	07-065018		WASHER, HELICAL LOCK (1/2")	4
49	209 1284		STOP BAR, OUTER AXLE TUBE (upper)	2
50	07-004154		CAP SCREW, HEX HEAD (3/4"-10 x 3-1/4", Grade 8) (to attach stop bar to undercarriage)	4
51	07-065022		WASHER, HELICAL LOCK (3/4")	4
52	209 0922		RETAINER, AXLE (inner tube lower) (Drill at assembly)	4
53	209 0940		RETAINER, AXLE (inner tube upper) (Drill at assembly)	4
54	209 0870		RETAINER, AXLE (outer tube lower) (Drill at assembly)	4
55	209 0937		RETAINER, AXLE (outer tube upper) (Drill at assembly)	4
56	07-004133		CAP SCREW, HEX HEAD (5/8"-11 x 3", Grade 8)	48
57	07-065021		WASHER, HELICAL LOCK (5/8")	48
58	233 1180		LUG, LIFTING (Welded to axle tubes. Special application)	4
59	233 1260		STOP/ COVER, AXLE CYLINDER (special application)	2
60	Call Simon		PIN, HITCH (Axle extend stop retaining)	4
61	233 1370		TUBE, HITCH PIN COVER	4
62	Call Simon		RING, RETAINING	4

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

PLATE NO. B01.12 | **SIMON AERIALS INC.** REV. 13 MAR., 1995 | PART NO.

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