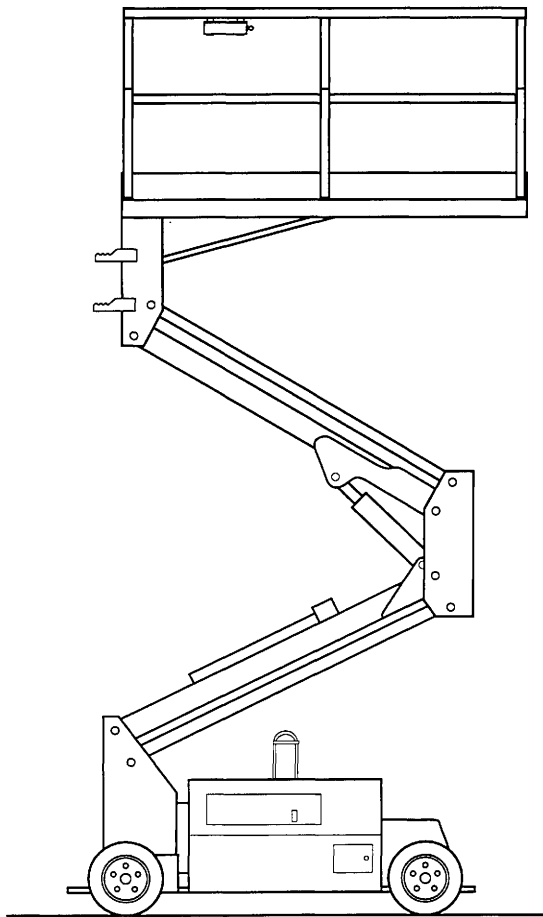




# ILLUSTRATED PARTS CATALOG

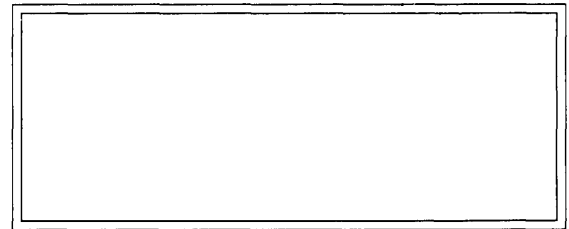
## SELF-PROPELLED VERTICAL LIFT

### MODEL TV20



Art # A00.00712E

FOR PARTS OR SERVICE  
CONTACT:



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Issued: February 1998  
P/N 89-750085

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## INTRODUCTION

This Illustrated Parts Catalog is designed to help you identify and order the correct replacement parts for use on TEREX TV20 VERTICAL LIFT PLATFORMS and constructed to meet JAPANESE STANDARDS. All parts represented here are manufactured and supplied in accordance with Terex Aerials quality standards. We recommend that you use GENUINE TEREX 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 Terex Aerials World Wide Parts Distribution Center 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 TV20 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 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:

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 machine before ordering or installing replacement parts.

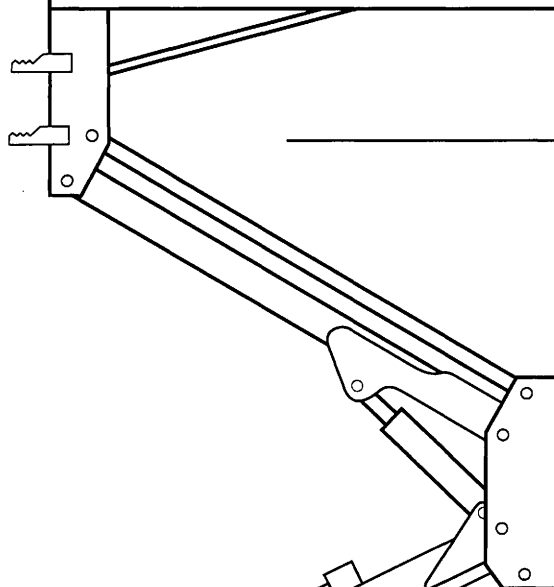
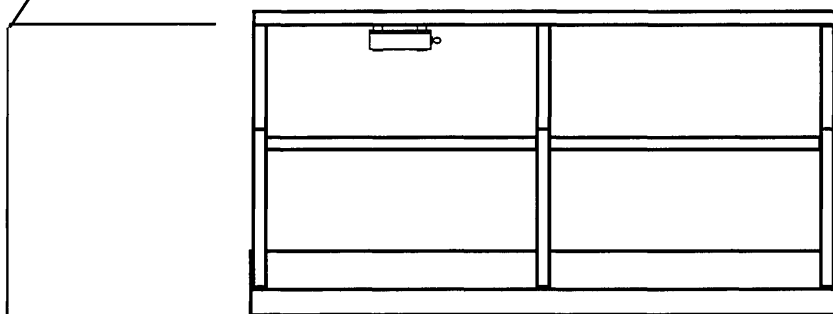
Left and right-hand, front and rear should be determined as though you are standing on the Platform, with the steering wheels to the front. All dimensions are in inches unless otherwise specified.

TEREX 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 machines.

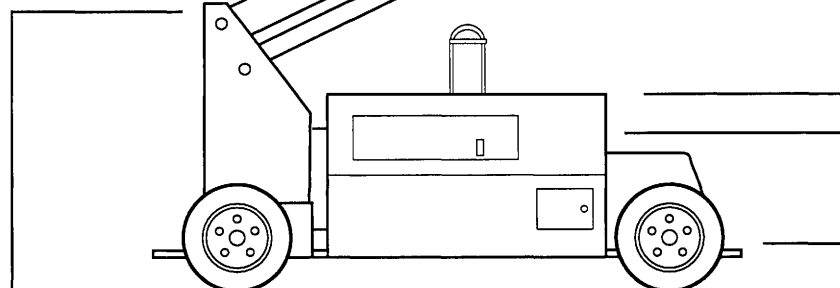
All TEREX AERIALS INC. manuals are periodically updated to reflect changes that occur in the equipment. Please contact Terex Aerials Service Department with any questions you may have regarding your particular machine, or the availability of more recent manuals.



# **PLATFORM SECTION 4**



## **BOOM SECTION 3**



## **CONTROL ASS'Y SECTION 2 (OPPOSITE SIDE)**

Art # A00.00712E

# **UNDERCARRIAGE SECTION 1**

**DESCRIPTION**

PRIMARY MACHINE COMPONENT GROUPS

**PART NO.**

# PARTS LIST

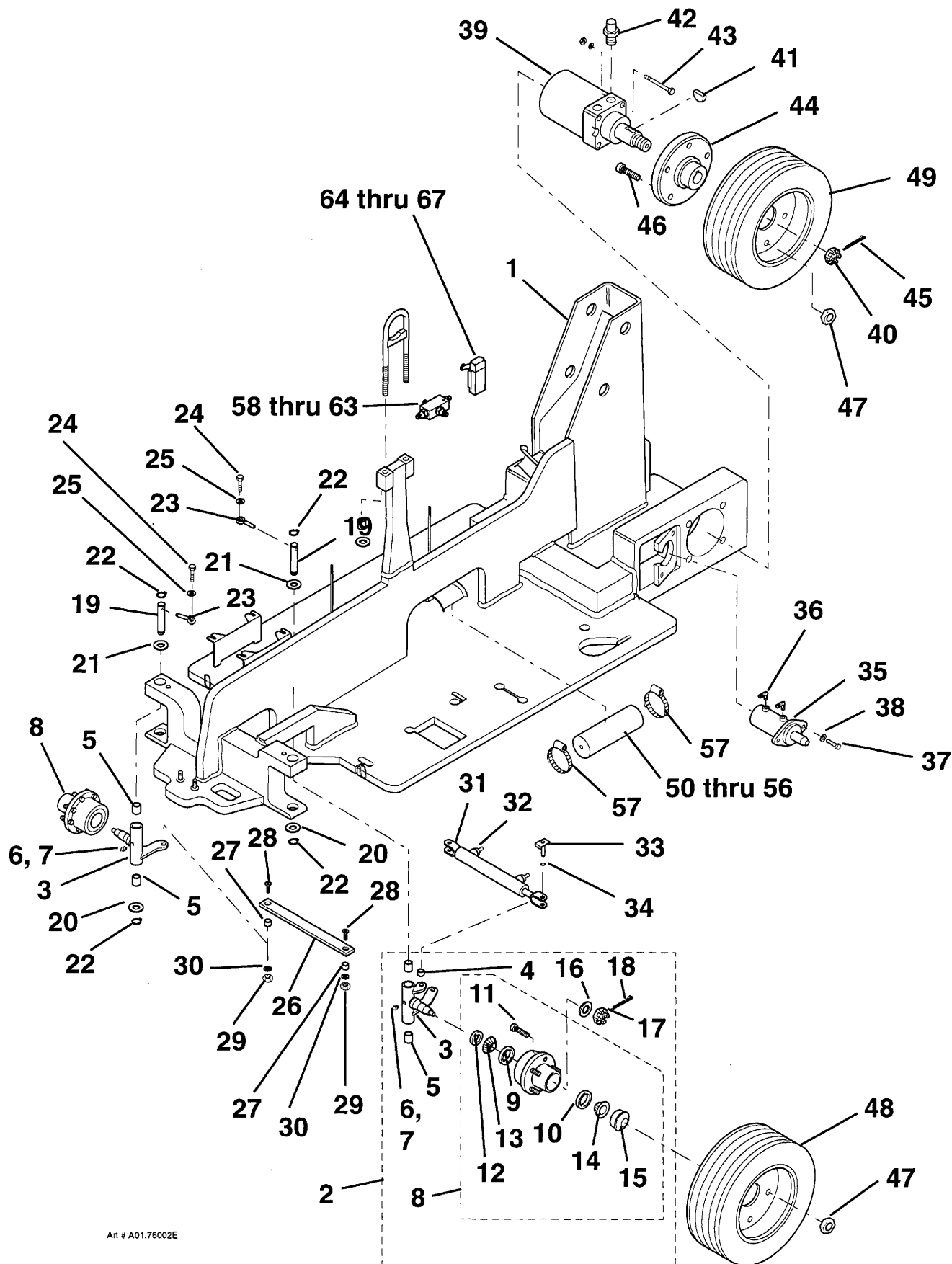
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	2304280		UNDERCARRIAGE WELDMENT (with lifting bracket)	1
2	3532820		SPINDLE ASSEMBLY (right)	1
	3532830		SPINDLE ASSEMBLY (left)	1
3	2304540		SPINDLE WELDMENT (right)	1
	2314250		SPINDLE WELDMENT (left)	1
4	08-074800		BUSHING (1/2" I.D., 11/16" O.D., 5/8" long)	1
5	08-066400		BUSHING (1" I.D., 1-1/4" O.D., 1" long)	2
6	08-050000		FITTING, GREASE (1/8" NPT, straight)	1
7	08-066300		CAP, GREASE FITTING (White plastic)	1
8	02-019800		HUB ASSEMBLY, FRONT	2
9			CUP, BEARING (inner)	1
10			CUP, BEARING (outer)	1
11	02-019805		STUD, WHEEL MOUNTING	5
12	02-019802		SEAL	1
13	02-019804		CONE AND ROLLER, BEARING (inner)	1
14	02-019803		CONE AND ROLLER, BEARING (outer)	1
15	02-019801		CAP, HUB	1
16	02-019503		WASHER, FLAT	2
17	02-019501		NUT (3/4"-16)	2
18	02-019502		PIN, COTTER	2
19	2161030		PIN, SPINDLE (1" x 8-15/16")	2
20	08-060500		BEARING, THRUST (Oilite, 1" I.D., 2" O.D.)	2
21	07-060024		WASHER, FLAT (1" SAE)	A.R.
22	08-040600		RING, RETAINING (1")	4
23	2314170		PIN, LOCK	2
24	07-003045		CAP SCREW, HEX HEAD (3/8"-16 x 1")	2
25	07-065016		WASHER, HELICAL LOCK (3/8")	2
26	2304430		ROD, TIE	1
27	2304440		BUSHING, TIE ROD (1/2" I.D., 3/4" O.D., 3/4" long)	2
28	07-096500		CAP SCREW, FLAT HEAD SOCKET (1/2"-13 x 2")	2
29	07-058400		NUT, LOCK (1/2"-13, Grade 8)	2
30	07-062018		WASHER, FLAT (1/2")	2
31	04-034300	11.52	CYLINDER, STEER	1
32	06-000600		CONNECTOR, MALE (4-6 FTX-S)	2
33	2314140		PIN, STEER CYLINDER (Self aligning type, later version)	2
34	08-045300		RING, RETAINING (1/2") (for self aligning pin)	4
35	04-037600	11.63	CYLINDER, BRAKE	1
36	06-003500		90° ELBOW, MALE 37° TO NPT (4-4 CTX-S)	2
37	07-003045		CAP SCREW, HEX HEAD (3/8"-16 x 1", Grade 5)	2
38	07-060016		WASHER, FLAT (3/8" SAE)	2

TITLE UNDERCARRIAGE, TV20 (JAPANESE STDS.) (PLATE 1 OF 4)

PLATE NO. 01.76 TEREX AERIALS INC.

NEW 3 FEB. 1998

PART NO.



Art # A01.76002E

TITLE UNDERCARRIAGE, TV20 (JAPANESE STDS.) (PLATE 1 OF 4)

TEREX AERIALS INC.

NEW 3 FEB. 1998

PART  
NO.

PLATE  
NO.

01.76

## PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
39	01-097300	26.55	MOTOR, DRIVE	2
40			NUT (comes with motor)	2
41			KEY, WOODRUFF (5/16") (comes with motor)	1
42	06-040000		CONNECTOR, STRAIGHT THREAD (6-10 F50X)	4
43	07-003091		SCREW, HEX HEAD (1/2"-13 x 2-1/2", Grade 5)	8
44	2311240		HUB, REAR WHEEL	2
45	07-070507		PIN, COTTER (1/8" x 1-3/4")	2
46	07-091300		STUD, REAR WHEEL MOUNTING	10
47	07-090134		NUT, LUG (1/2"-20)	20
48			WHEEL AND TIRE ASSEMBLY (for 3 wheels without brake)	
	02-031200		Black ribbed solid tire	3
	02-031000		White ribbed non-marking solid tire	3
49			WHEEL AND TIRE ASSEMBLY (for left rear, with brake)	
	2309410		Black ribbed solid tire	1
	2308640		White ribbed non-marking solid tire	1
50	04-033800		CYLINDER, CUSHION	1
51	04-033801		SEAL KIT, CUSHION CYLINDER	1
52	04-033802		SPRING	2
53	04-033803		PISTON	1
54	04-033804		GLAND, END	2
55	06-050000		BRANCH TEE, STRAIGHT THREAD (6 S50X-S)	2
56	06-056000		BRANCH TEE, SWIVEL NUT (6 S6X-S)	2
57	09-005700		CLAMP, WORM (28 to 76 mm)	2
58	3533560		VALVE ASSEMBLY, CHECK	1
59	2310710		BODY, CHECK VALVE	1
60	01-013801		BALL	1
61	2312620		ADAPTER, "O"-RING TO 37° (modified #6-8 F50X-S)	1
62	06-039800		CONNECTOR (6 F50X-S)	3
63	07-023019		SET SCREW, SOCKET HEAD (1/4"-20 x 3/8", Grade 5)	1
64	03-493700		SWITCH, LIMIT (Side rotary)	1
65	03-494300		ARM, LIMIT SWITCH (Fixed roller)	1
66	03-045500		GRIP, CORD (1/2")	1
67	07-008354		CAP SCREW, SOCKET HEAD (#10-24 x 1-1/4", Grade 8)	2

TITLE UNDERCARRIAGE, TV20 (JAPANESE STDS.) (PLATE 2 OF 4)

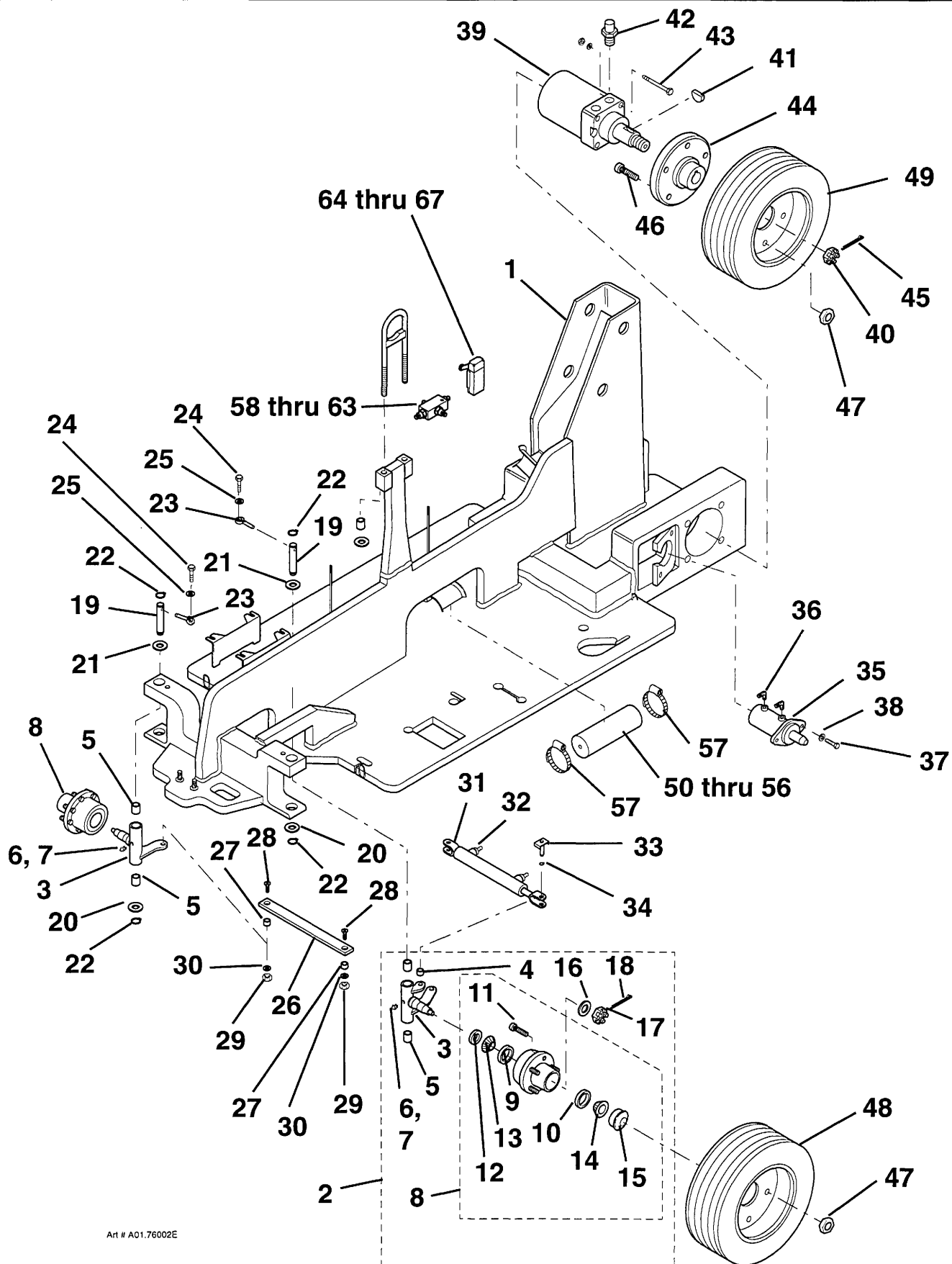
PLATE NO.

01.76

**TEREX AERIALS INC.**

NEW 3 FEB. 1998

PART NO.



Art # A01.76002E

TITLE UNDERCARRIAGE, TV20 (JAPANESE STDS.) (PLATE 2 OF 4)

TEREX AERIALS INC.

NEW 3 FEB. 1998

PART  
NO.

PLATE  
NO.

01.76



# PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
68		02.55	GROUND CONTROL ASSEMBLY	1
69	See plate . .	24.56	TANK WELDMENT, HYDRAULIC	1
70	01-081500		FILTER ASSEMBLY	1
71	01-226700	23.55	MANIFOLD, VALVE	1
72	01-221000		POWER UNIT, TANDEM PUMP	1
73	See plate . .	07.72	GROUND CONTROL BOX ASSEMBLY	1
74	07-098300		BOLT, CARRIAGE (1/2"-13 x 2-1/2", Grade 5)	3
75	07-062018		WASHER, FLAT (1/2")	3
76	07-058400		NUT, LOCK (1/2"-13, Grade 8)	3
77	2309430		TRAY, BATTERY (Polyethylene, with two spacers) [for four batteries, 10-1/2" x 7" (267 x 178 mm)]	1
78	10-031000		SAF-STEP [Black, 4" (102 mm) wide] [Bulk item, order as needed. 6 Ft (1.8 M) used here]	A.R.
79	03-505800		BATTERY (6 Volt DC, 217 Amp hour, Deep cycle)	4
80	2309420		HOLD DOWN, BATTERY	2
81	10-005600		WASHER, FENDER (3/8")	2
82	07-056016		NUT, WING (3/8"-16)	2
83			CABLE, BATTERY (Black)	
	03-074000		Battery negative to battery positive [9-3/4" (25 cm) long]	3
	03-506800		Battery negative to connector [37" (.94 M) long]	1
	03-507000		Motor negative to connector [45" (1.1 M) long]	1
84			CABLE, BATTERY (Red)	
	03-506700		Battery positive to connector [46" (1.2 M) long]	1
	03-506900		Motor relay to connector [55" (1.4 M) long]	1
85	- - - - -		CHARGER, BATTERY (Supplied locally)	
86	2308610		PAD, MID POST REST	1
87	2224300		PAD, BOOM REST	1
88	07-044014		NUT, ACORN (1/4"-20, Stainless steel)	4
89	07-062014		WASHER, FLAT (1/4")	4
90	2308820		"U"-BOLT (For lifting bracket)	1
91	2308790		NUT, RETAINER	2
92	07-047122		NUT, JAM (3/4"-16, Grade 2)	2
93	2224630		PLATE, BACK (Left . . . Pump side)	1
94	07-003027		CAP SCREW, HEX HEAD (5/16"-18 x 1-1/2", Grade 5)	A.R.
95	07-062015		WASHER, FLAT (5/16")	A.R.
96	07-050015		NUT, LOCK (5/16"-18, Grade 5)	A.R.

TITLE UNDERCARRIAGE, TV20 (JAPANESE STDS.) (PLATE 3 OF 4)

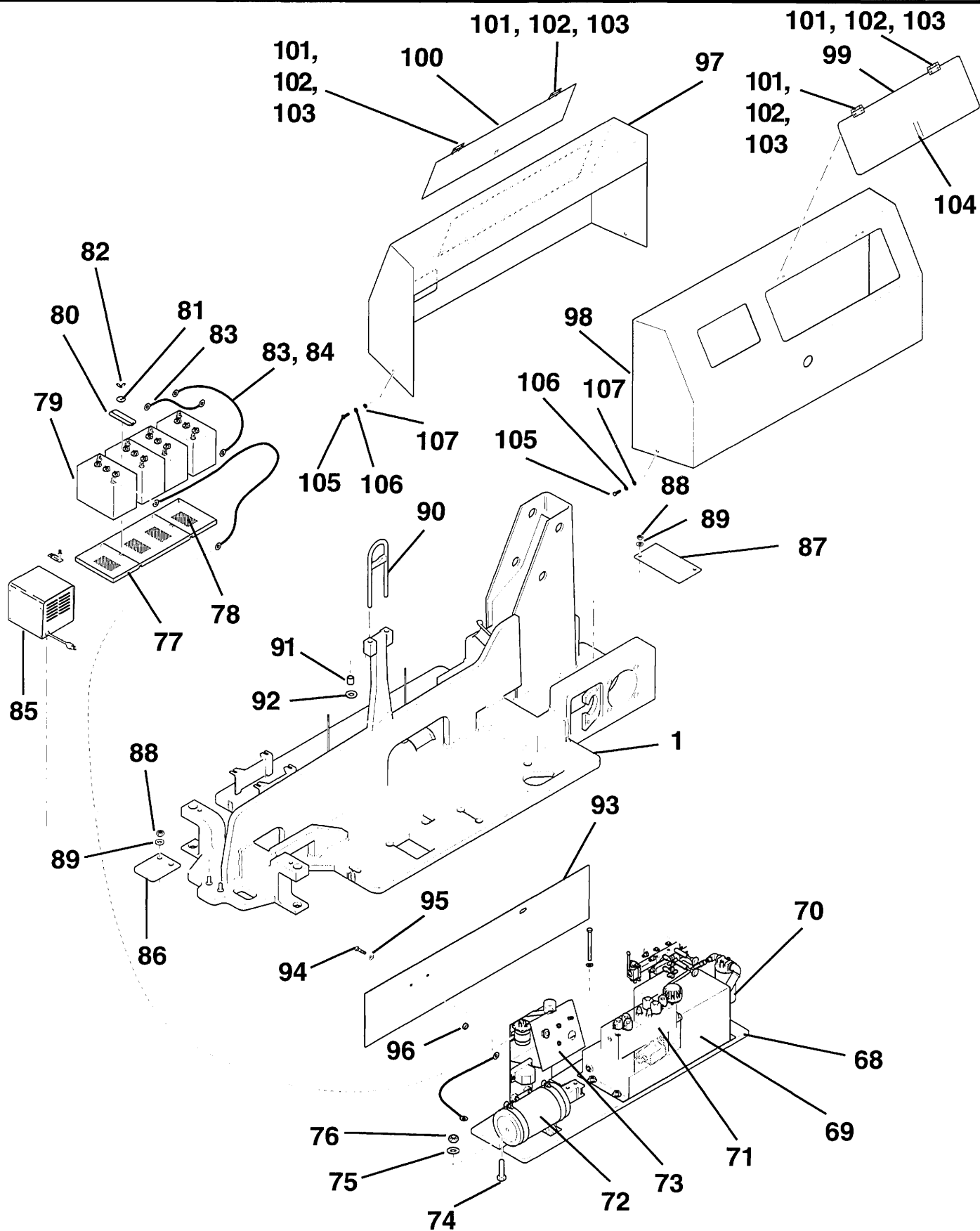
PLATE NO.

01.76

TEREX AERIALS INC.

NEW 3 FEB. 1998

PART NO.



TITLE UNDERCARRIAGE, TV20 (JAPANESE STDS.) (PLATE 3 OF 4)

**TEREX AERIALS INC.**

NEW 3 FEB. 1998

PART  
NO.

PLATE  
NO.

01.76

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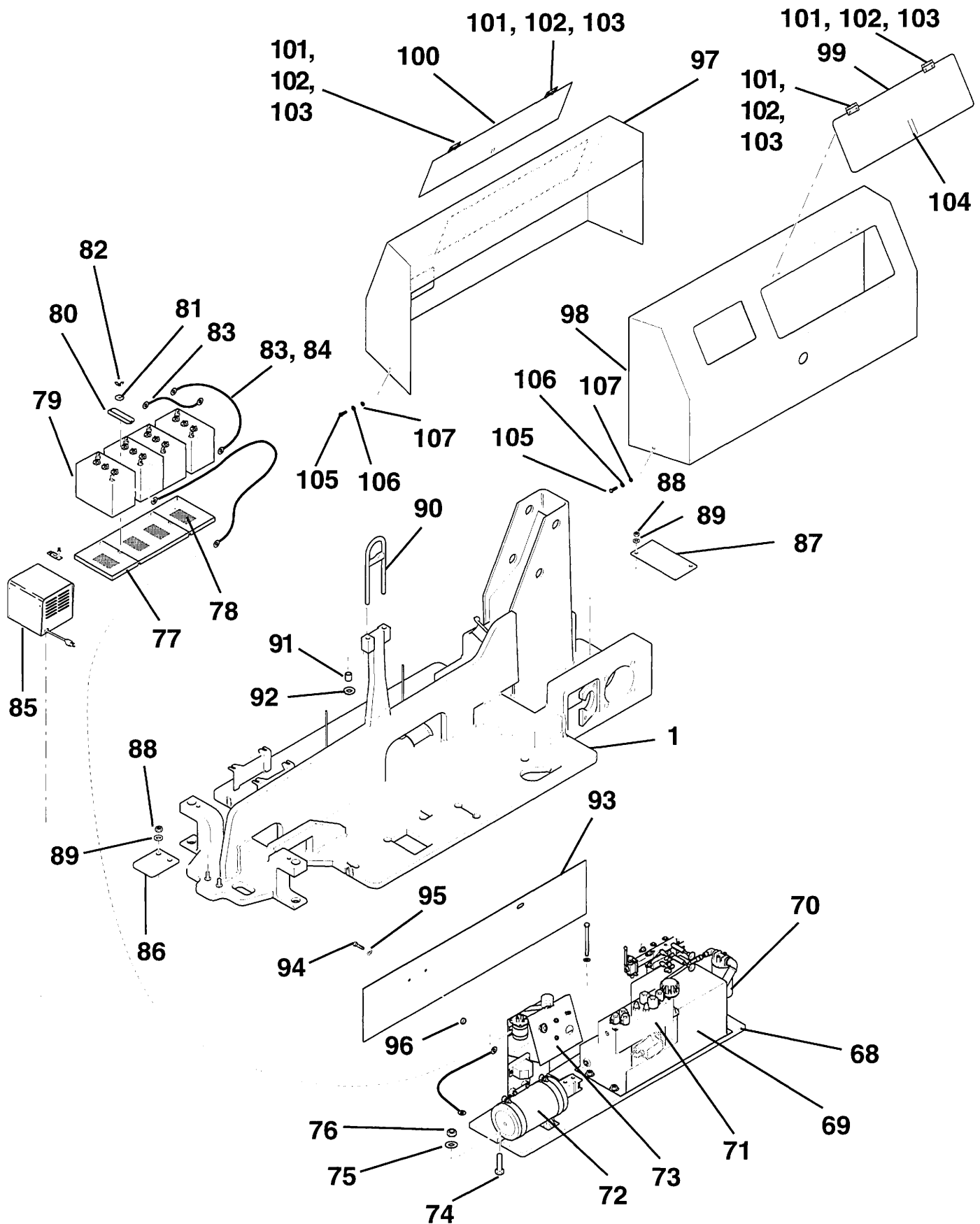
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**TEREX AERIALS INC.**

NEW 3 FEB. 1998

PART  
NO.





TITLE UNDERCARRIAGE, TV20 (JAPANESE STDS.) (PLATE 4 OF 4)

TEREX AERIALS INC.

NEW 3 FEB. 1998

PART  
NO.

PLATE  
NO.

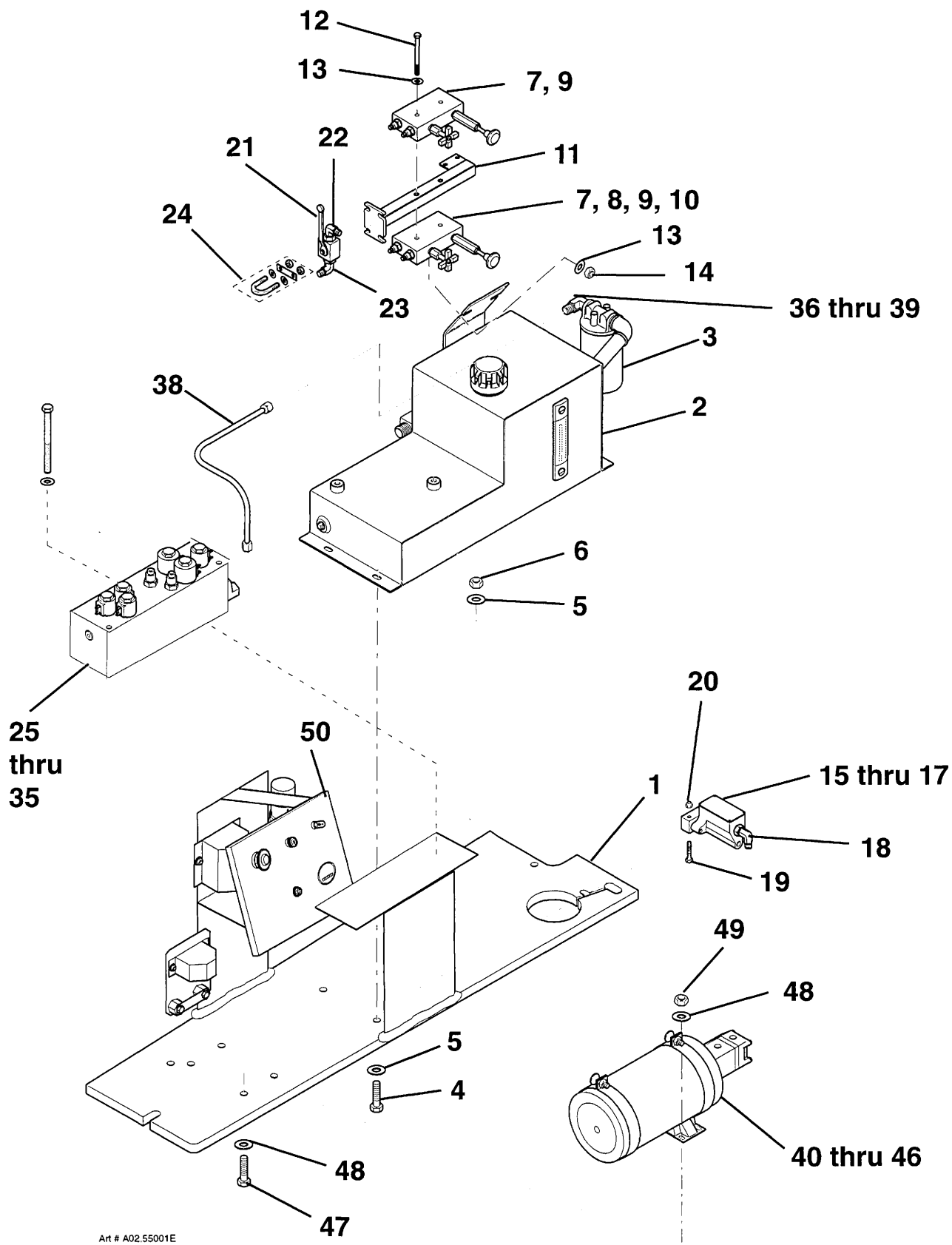
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TITLE	GROUND CONTROL ASSEMBLY, TV20 (JAPANESE STDS.) (1 OF 2)
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PLATE NO.	02.55	TEREX AERIALS INC.	NEW 11 FEB. 1998	PART NO.
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PART NO.	
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TITLE GROUND CONTROL ASSEMBLY, TV20 (JAPANESE STDS.) (1 OF 2)

**TEREX AERIALS INC.**

NEW 11 FEB. 1998

PART  
NO.

PLATE  
NO.

02.55

<b>PARTS LIST</b>					
<b>ITEM</b>	<b>PART NO</b>	<b>SEE SECTION</b>	<b>DESCRIPTION</b>	<b>QTY.</b>	
25	01-214000	23.54	MANIFOLD, VALVE	1	
26	06-044600		90° ELBOW, "O"-RING TO 37° (6C50X-S)	1	
27	06-044800		ELBOW, STRAIGHT THREAD (8 C50X-S)	1	
28	06-054600		RUN TEE, SWIVEL NUT (8 R6X-S)	1	
29	06-051600		90° ELBOW, SWIVEL NUT (8C6X-S)	1	
30	06-057600		NUT, TUBE (8BTX-S)	1	
31	06-060300		REDUCER, TUBE END (8-6 TRTX-S)	1	
32	06-039800		CONNECTOR, STRAIGHT THREAD (6 F50X-S)	3	
33	06-044300		ELBOW, STRAIGHT THREAD (4 C50X-S)	4	
34	06-051300		90° ELBOW, SWIVEL NUT (4C6X-S)	1	
35	06-054300		RUN TEE, 37° FEMALE SWIVEL NUT (4R6X-S)	1	
36	06-209400		ELBOW, (8-12 CTX-S)	1	
37	06-060600		BRANCH TEE, MALE"O" RING to 37°	1	
38	06-057600		NUT, TUBE (8BTX-S)	1	
39	06-060300		REDUCER, TUBE END (8-6 TRTX-S)	1	
40	01-221000	12.51	MOTOR AND PUMP ASSEMBLY	1	
41	01-221001		MOTOR, PERMANENT MAGNET	1	
42	01-097406		PUMP, HYDRAULIC	1	
43	06-039500		CONNECTOR, STRAIGHT THREAD (4-6 F50X)	1	
44	06-039800		CONNECTOR, STRAIGHT THREAD (6 F50X-S)	1	
45	06-211700		ELBOW, "O"-RING HOSE FLANGE	1	
46	10-163300		CAP, TERMINAL (Yellow plastic)	2	
47	07-003027		CAP SCREW, HEX HEAD (5/16"-18 x 1-1/2", Grade 5)	4	
48	07-062015		WASHER, FLAT (5/16")	8	
49	07-050015		NUT, LOCK (5/16"-18, Grade 5)	4	
50	See plate . .	07.72	GROUND CONTROL BOX ASSEMBLY (Japan)	1	
TITLE	GROUND CONTROL ASSEMBLY, TV20 (JAPANESE STDS.) (2 OF 2)				
PLATE NO.	02.55	TEREX AERIALS INC.		PART NO.	

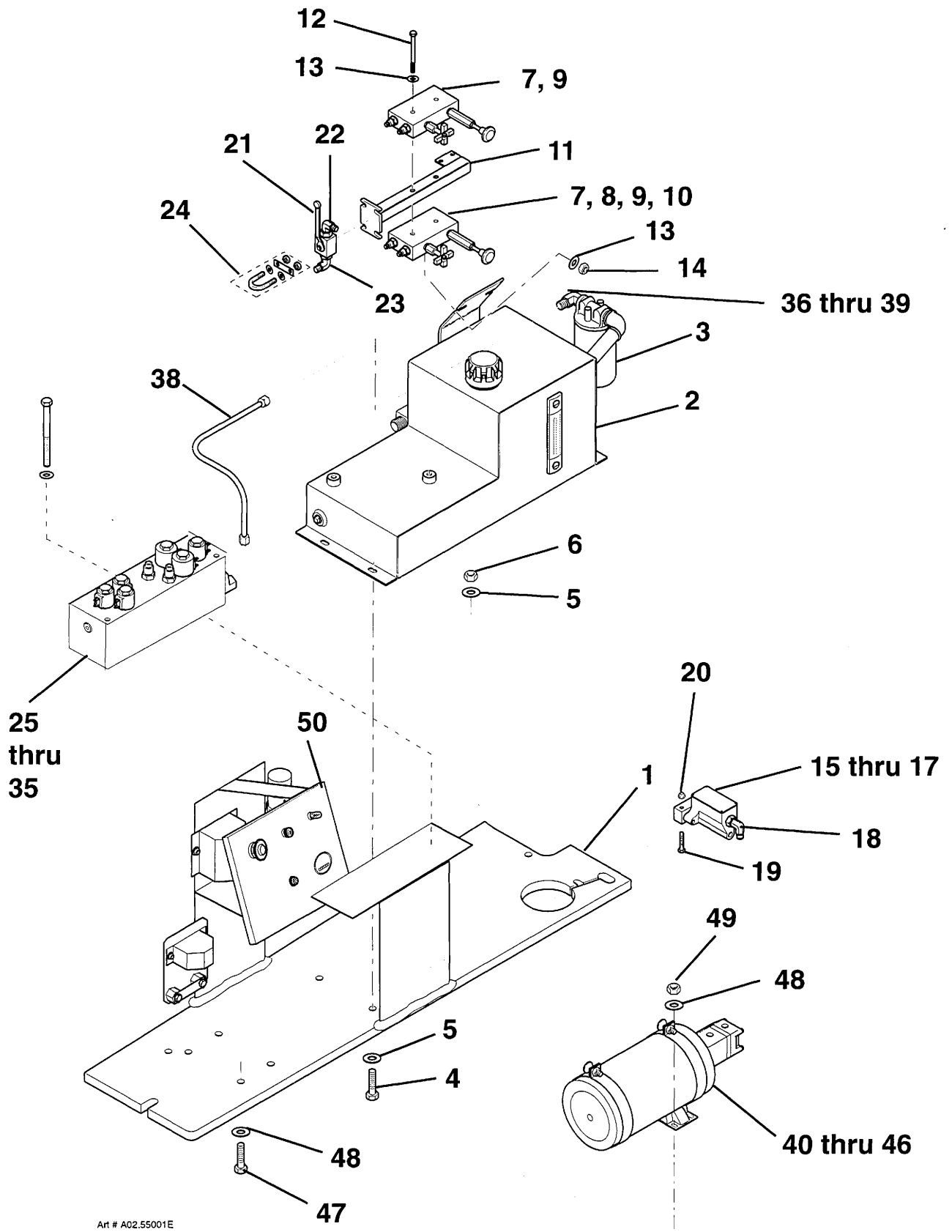
NEW 20 APR., 1993

02.55

**TEREX AERIALS INC.**

NEW 20 APR., 1993

PART  
NO.



TITLE GROUND CONTROL ASSEMBLY, TV20 (JAPANESE STDS.) (2 OF 2)

**TEREX AERIALS INC.**

NEW 20 APR., 1993

PART  
NO.

PLATE  
NO.

02.55

## PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
A-A	3532770		BOOM ASSEMBLY (with beacon pad and hose cover studs)	1
A-A	3532940		BOOM ASSEMBLY (no beacon pad or hose cover studs)	1
1			BOOM WELDMENT, LOWER (with bearings)	1
	2303620		with beacon mounting pad, and studs for metal hose cover	1
	2311200		without beacon mounting pad or studs for metal hose cover	1
2	08-067500		BEARING, SLEEVE (2" I.D., 2-1/4" O.D., 2" long)	4
3	2304370		PIN, LOWER BOOM (2" x 7-3/16") (at base post)	1
4	2304380		PIN, LOWER BOOM (2" x 16-1/4") (at mid post)	1
5	2170300		PIN, KEEPER [straight pin, 3-5/8" (93 mm) long]	2
6	08-041100		RING, RETAINING (2")	4
7	2303500		ARM WELDMENT, LOWER PARALLEL (with bearings)	1
8	08-066800		BEARING, SLEEVE (1-1/2" I.D., 1-3/4" O.D., 1-1/2" long)	4
9	2304390		PIN, LOWER PARALLEL ARM (1-1/2" x 7-5/32") (base end)	1
10	2304410		PIN, LOWER PARALLEL ARM (1-1/2" x 9-3/16") (mid post)	1
11	2169850		PIN, KEEPER [straight pin, 3" (76 mm) long]	2
12	08-040900		RING, RETAINING (1-1/2")	4
13	08-051300		FITTING, GREASE (1/8" NPT, 90°)	11
14	08-066300		CAP, GREASE FITTING (White plastic)	12
15	2304000		MID-POST WELDMENT	1
16	04-037500	11.62	CYLINDER, LIFT	1
17	01-221100		"O"-RING (.426 I.D. x .070" dia.)	1
18	2313540		MANIFOLD, VELOCITY FUSE	1
19	01-225500		FUSE, VELOCITY [4.0 GPM (15 L/ min)] (standard)	1
	2312480		VALVE, HOLDING (optional in place of velocity fuse)	1
20	01-097505		CARTRIDGE, HOLDING VALVE	1
21	01-097518		SEAL KIT, CARTRIDGE	1
22	01-097507		COIL, HOLDING VALVE CARTRIDGE	1
23	07-098500		CAP SCREW, HEX HEAD (1/4"-20 x 2", Grade 8)	2
24	07-065014		WASHER, HELICAL LOCK (1/4")	2
25	07-062014		WASHER, FLAT (1/4")	2
26	2304510		PIN, LIFT CYLINDER (2" x 6") (rod end)	1
27	2170300		PIN, KEEPER [straight pin, 3-5/8" (93 mm) long]	1
28	08-041100		RING, RETAINING (2")	2
29	2303690		LINK ASSEMBLY, BOOM (with bearings and grease fittings)	1
30	08-070900		BEARING, SLEEVE (2" I.D., 2-1/4" O.D., 1-1/2" long)	4
31	2308600		SPACER, BEARING	2
32	08-050000		FITTING, GREASE (1/8", straight)	2
33	2313460		PIN, LINK (2" x 5-29/32") (to lower boom)	1
34	2304510		PIN, LINK (2" x 6") (to upper boom)	1
35	2170300		PIN, KEEPER [straight pin, 3-5/8" (93 mm) long]	2
36	08-041100		RING, RETAINING (2")	4

TITLE BOOM ASSEMBLY (LINK TYPE) , TV20 (PLATE 1 OF 2)

PLATE NO. 03.54

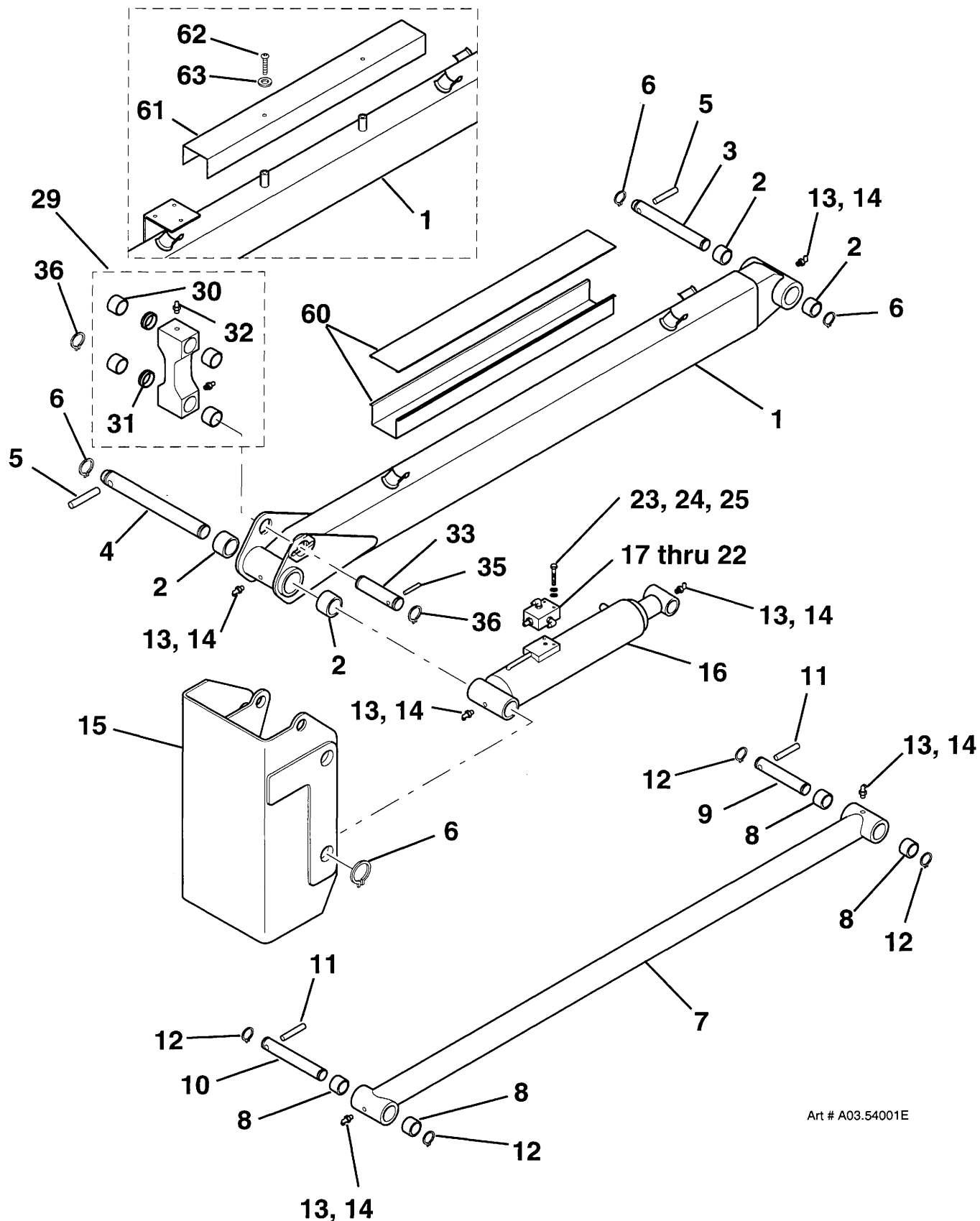
**TEREX AERIALS INC.**

REV. 11 FEB. 1998

PART NO.



with beacon mount and metal hose cover



Art # A03.54001E

TITLE BOOM ASSEMBLY (LINK TYPE) , TV20 (PLATE 1 OF 2)

**TEREX AERIALS INC.**

REV. 11 FEB. 1998

PART  
NO.

PLATE  
NO.

**03.54**

## PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
37	2303840		BOOM WELDMENT, UPPER (with bearings)	1
38	08-066800		BEARING, SLEEVE (lower end) (1-1/2" I.D., 1-3/4" O.D., 1-1/2" long)	2
39	08-071000		BEARING, SLEEVE (upper end) (2" I.D., 3-3/4" O.D., 2" long)	2
40	2304380		PIN, UPPER BOOM (2" x 16-1/4") (mid post end)	1
41	2170300		PIN, KEEPER [straight pin, 3-5/8" (93 mm) long]	1
42	08-041100		RING, RETAINING (2")	2
43	2304390		PIN, UPPER BOOM (1-1/2" x 7-5/32") (platform end)	1
44	2169850		PIN, KEEPER [straight pin, 3" (76 mm) long]	1
45	08-040900		RING, RETAINING (1-1/2")	2
46	2303830		ARM WELDMENT, UPPER PARALLEL	1
47	08-066800		BEARING, SLEEVE (1-1/2" I.D., 1-3/4" O.D., 1-1/2" long)	4
48	2304400		PIN, UPPER PARALLEL ARM (1-1/2" x 7-7/8") (at mid post)	1
49	2304390		PIN, UPPER PARALLEL ARM (1-1/2" x 7-5/32") (at platform)	1
50	2169850		PIN, KEEPER [straight pin, 3" (76 mm) long]	2
51	08-040900		RING, RETAINING (1-1/2")	4
52	03-085200		CABLE, ELECTRICAL (SJO, 2 conductor, #16 AWG) [Bulk item, order as needed]	A.R.
53	03-085700		CABLE, ELECTRICAL (SJO, 4 conductor, #16 AWG) [Bulk item, order as needed. 6 Ft (1.8 M) needed this application]	A.R.
54	03-085900		CABLE, ELECTRICAL (SJO, 3 conductor, #12 AWG) [Bulk item, order as needed. 30 Ft (9.2 M) needed this application]	A.R.
55	03-505900		CABLE, ELECTRICAL (SJO, 25 conductor, #16 AWG, with PVC cover) [Bulk item, order as needed. 40 Ft (12.2 M) needed this application]	A.R.
56	10-150800		SLEEVE, PLASTIC COIL [3/4" (19 mm) dia.] [Bulk item, order as needed. 3 Ft (.9 M) needed this application]	A.R.
57	10-150900		SLEEVE, PLASTIC COIL [1" (25 mm) dia.] [Bulk item, order as needed. 4-1/2 Ft (1.4 M) needed this application]	A.R.
58	03-064700		TIE, CABLE [14-1/2" (368 mm) long]	40
59	10-160700		PAD, INSULATOR (Neoprene, 4" x 8" x 1/8" thick)	7
60	No part #		GUIDE, HOSE (Plastic. Used instead of metal hose cover in some applications.)	1
61	2308920		COVER, HOSE (Metal. Optional with plastic hose guide.)	1
62	07-096400		CAP SCREW, BUTTON HEAD (3/8"-16 x 3/4", #18-8 stn. stl.)	2
63	07-062016		WASHER, FLAT (3/8")	2

**TITLE** BOOM ASSEMBLY (LINK TYPE) , TV20 (PLATE 2 OF 2)

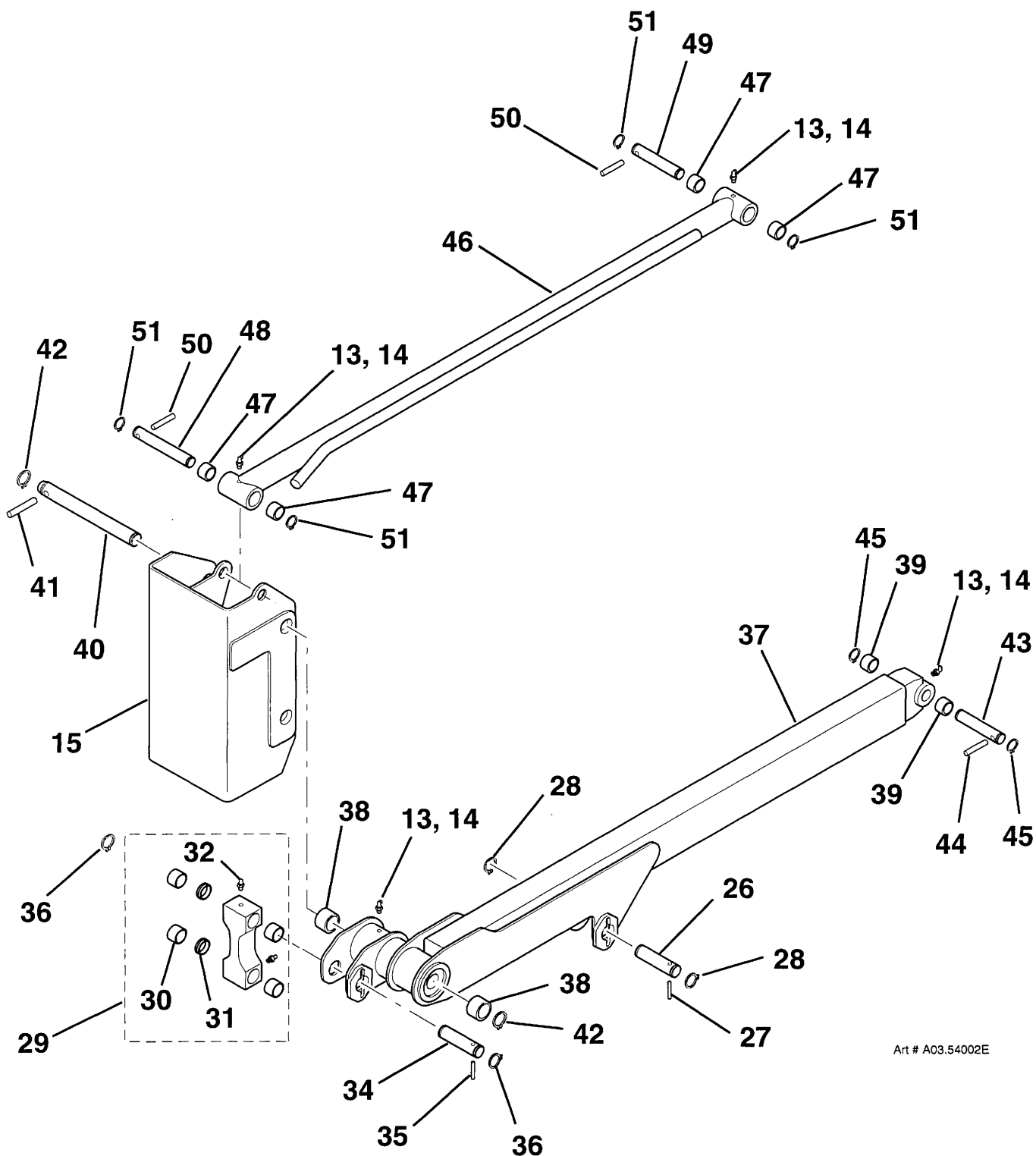
**PLATE NO.** 03.54

**TEREX AERIALS INC.**

REV. 11 FEB. 1998

**PART NO.**





Art # A03.54002E

TITLE BOOM ASSEMBLY (LINK TYPE) , TV20 (PLATE 2 OF 2)

**TEREX AERIALS INC.**

REV. 11 FEB. 1998

PART  
NO.

PLATE  
NO.

03.54

## PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	2369770		PLATFORM WELDMENT	1
2	03-062100		BOX, DUPLEX OUTLET (weatherproof)	1
3	03-067000		OUTLET, DUPLEX (125 Volt AC, 20 Amp, self grounding)	1
4	03-062200		COVER, DUPLEX OUTLET (weatherproof)	1
5	03-041000		GRIP, CORD (1/2", sealing)	1
6	03-055500		NUT, CONDUIT LOCK (1/2", sealing)	1
7	07-003005		CAP SCREW, HEX HEAD (1/4"-20 x 1", Grade 5)	2
8	07-062014		WASHER, FLAT (1/4")	2
9	07-050014		NUT, LOCK (1/4"-20, Grade 5)	2
10	See plate . .	09.65	CONSOLE, PLATFORM CONTROL	1
11	03-063200		GRIP, CORD (3/4", sealing)	1
12	03-055600		NUT, CONDUIT LOCK (3/4")	1
13	2309460		KICK BOARD, PLATFORM END (without roll out deck)	1
14	07-003022		CAP SCREW, HEX HEAD (5/16"-18 x 5/8", Grade 5)	4
15	07-065015		WASHER, HELICAL LOCK (5/16")	4
16	07-062015		WASHER, FLAT (5/16")	8
17	2309560		RAIL WELDMENT, SIDE (right) [39-1/4" (1 M) high]	1
18	2310890		RAIL WELDMENT, SIDE (left) [39-1/4" (1 M) high]	1
19	10-114100		PLUG, SQUARE TUBING (Black plastic)	7
20	2308050		RAILING, END (without roll out deck)	3
	2308050		RAILING, END (with roll out deck)	1
21	11-086600		PIN, HITCH (5/16" x 2", with 6" lanyard)	2
22	11-082100		PIN, HITCH (5/16" x 2-1/2", with 6" lanyard)	8
23	07-029365		SCREW, HEX WASHER HEAD (#12-14 x 1", self drilling, with rubber seal)	10
24	2310810		GATE WELDMENT	1
25	2310800		SPRING, GATE	1
26	07-040018		NUT, HEX (1/2"-13, Grade 5)	1
27	2309860		LATCH, GATE	1
28	07-003029		CAP SCREW, HEX HEAD (5/16"-18 x 2", Grade 5)	2
29	07-062015		WASHER, FLAT (5/16")	4
30	07-050015		NUT, LOCK (5/16"-18, Grade 5)	2
31	2308450		PLATE, DECAL MOUNTING	1
32	07-003002		CAP SCREW, HEX HEAD (1/4"-20 x 5/8", Grade 5)	2
33	07-029365		SCREW, HEX WASHER HEAD (#12-14 x 1", self drilling, with rubber seal)	2
34	07-062014		WASHER, FLAT (1/4")	12
35	07-050014		NUT, LOCK (1/4"-20, Grade 5)	6
36	11-085200		BOX, TECHNICAL MANUAL STORAGE	1
37	07-003002		CAP SCREW, HEX HEAD (1/4"-20 x 5/8", Grade 5)	4

**TITLE** PLATFORM ASSEMBLY, TV20 (WITH LINK BOOM) (PLATE 1 OF 3)

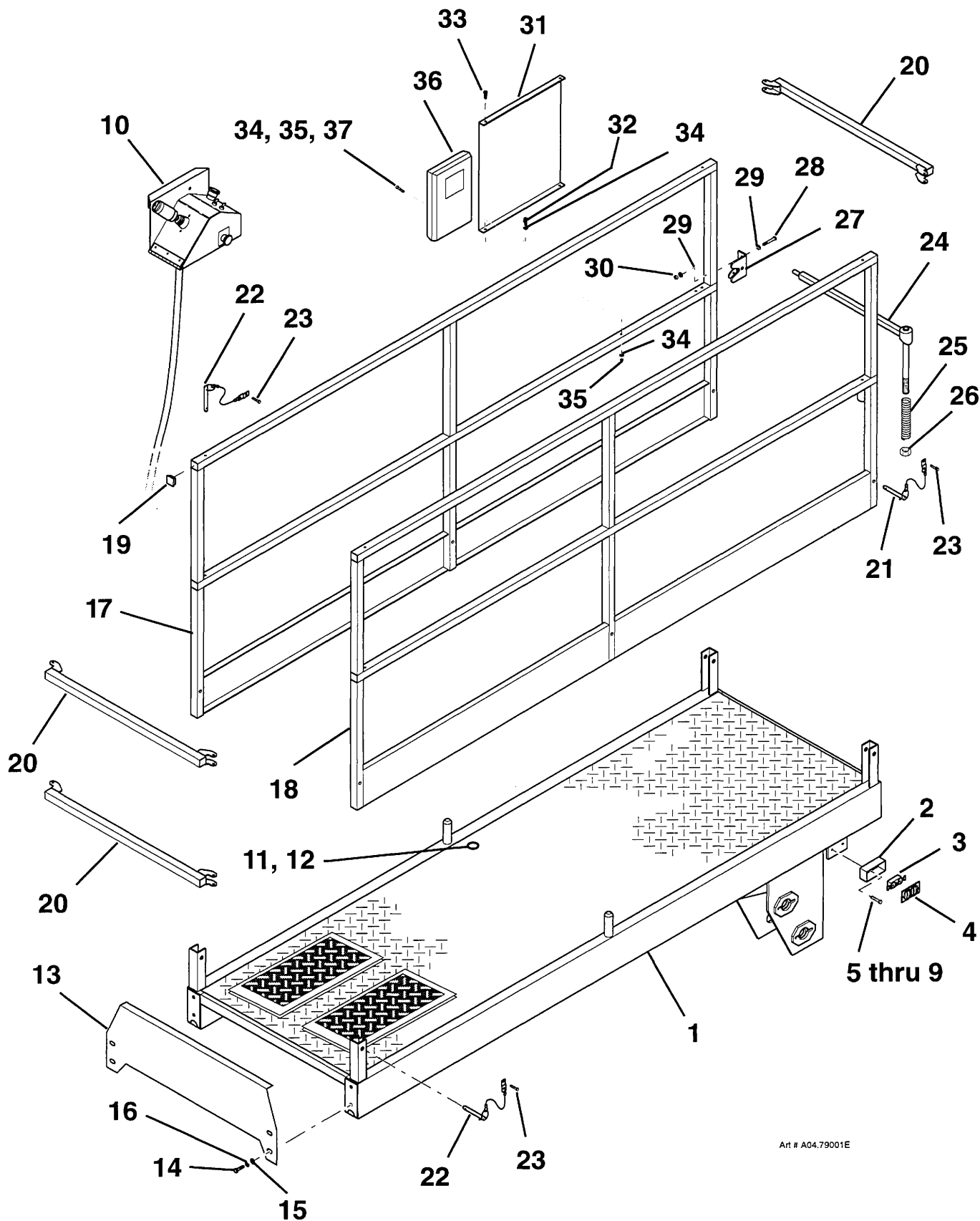
**PLATE  
NO.**

**04.79**

**TEREX AERIALS INC.**

NEW 12 FEB. 1998

**PART  
NO.**



Art # A04.79001E

TITLE PLATFORM ASSEMBLY, TV20 (WITH LINK BOOM) (PLATE 1 OF 3)

**TEREX AERIALS INC.**

NEW 11 FEB. 1998

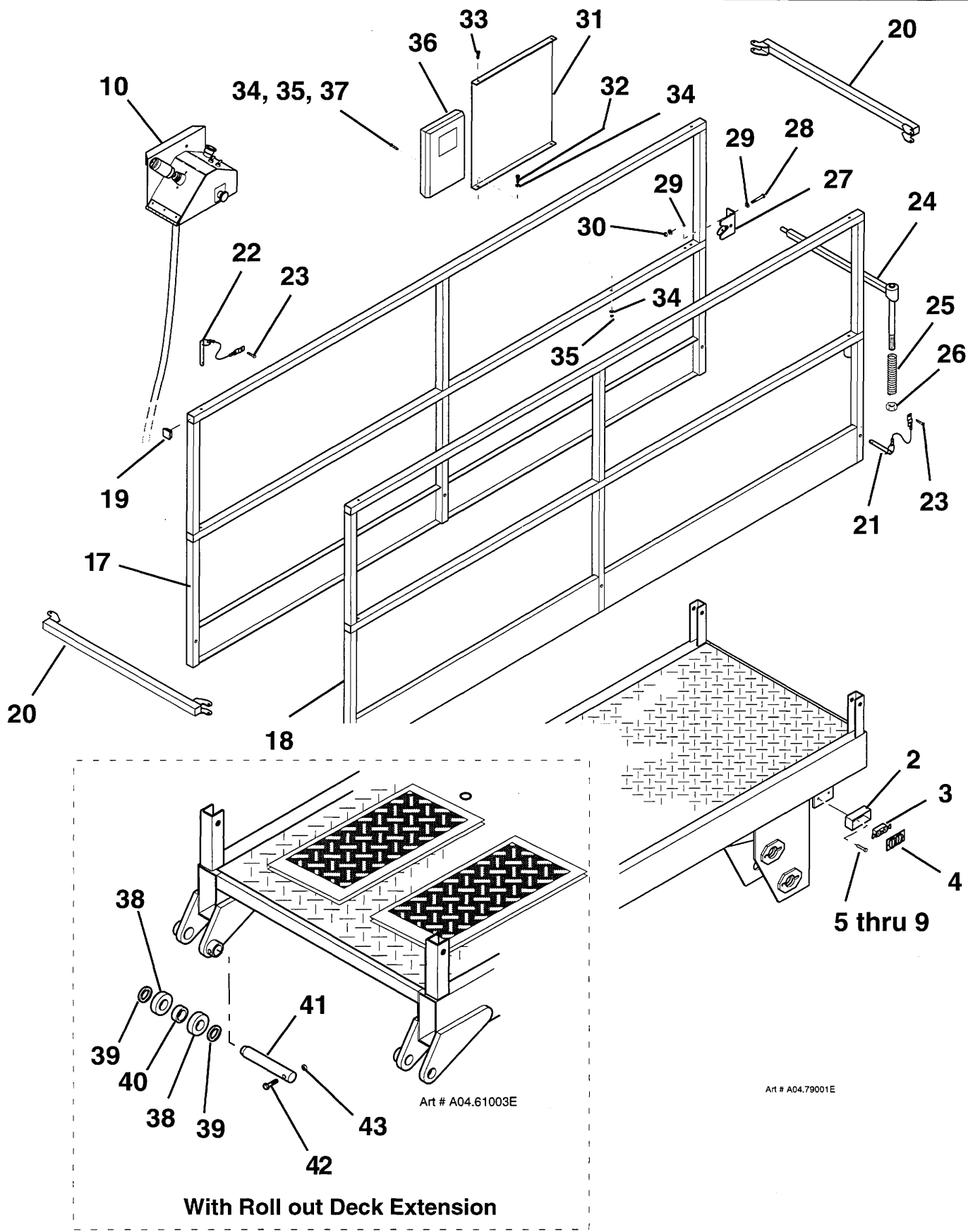
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NEW 12 FEB. 1998



Art # A04.79001E

TITLE

PLATFORM ASSEMBLY, TV20 (WITH LINK BOOM) (PLATE 2 OF 3)

**TEREX AERIALS INC.**

NEW 11 FEB. 1998

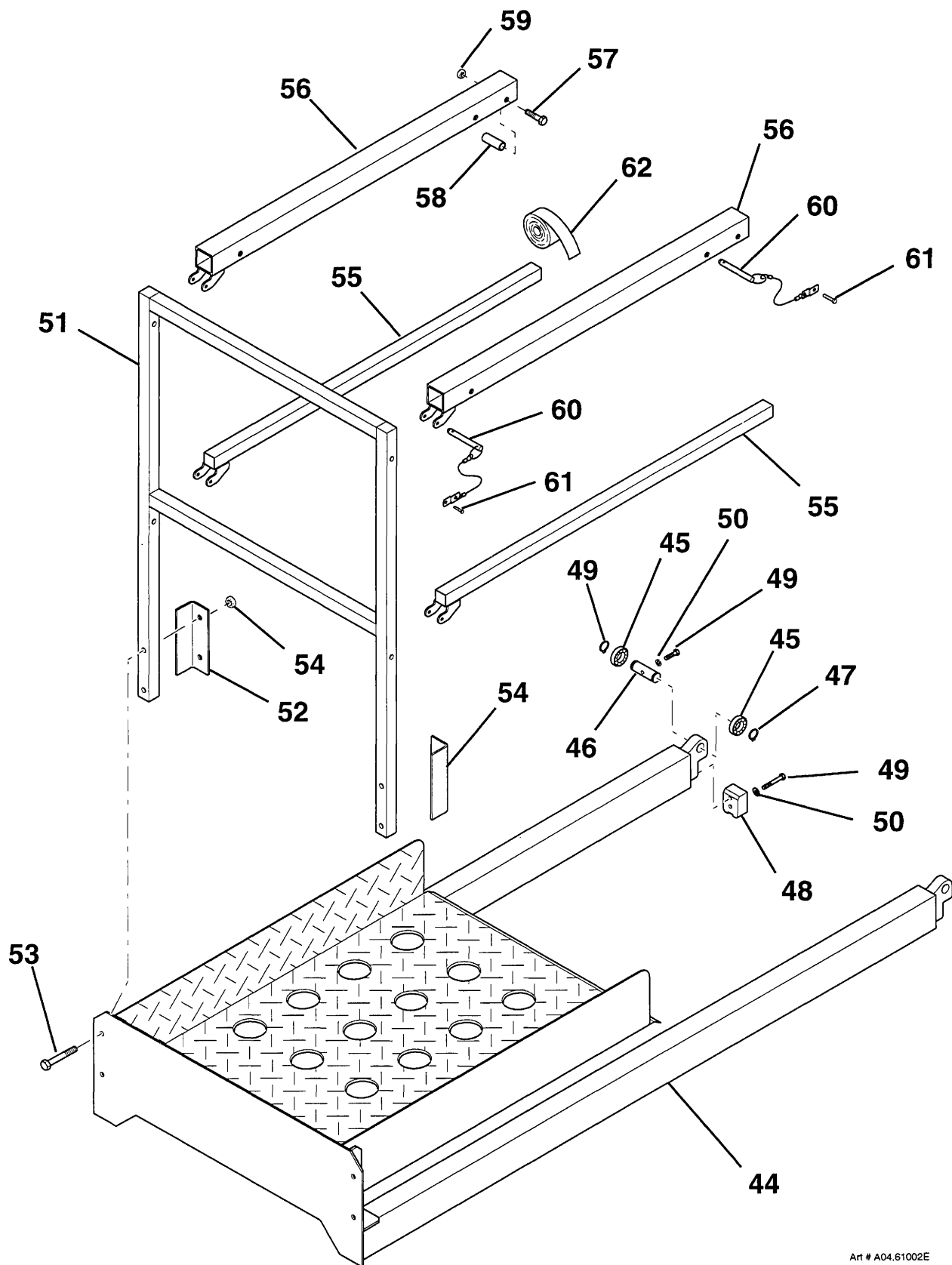
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Art # A04.61002E

TITLE PLATFORM ASSEMBLY, TV20 (WITH LINK BOOM) (PLATE 3 OF 3)

**TEREX AERIALS INC.**

NEW 11 FEB. 1998

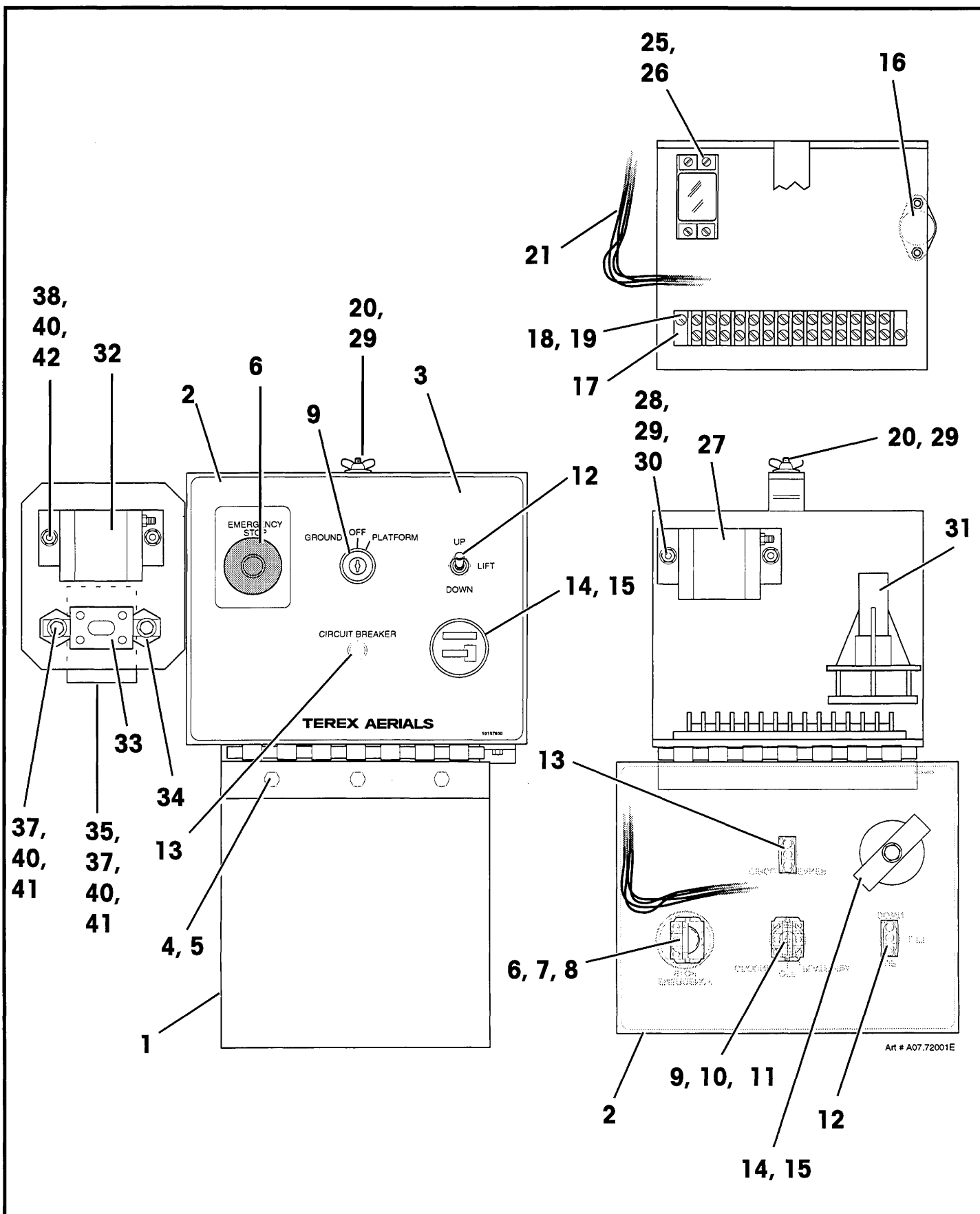
PART  
NO.

PLATE  
NO.

04.79

PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1			FRAME WELDMENT, GROUND CONTROL (Ref. only. Part of Undercarriage weldment.)	
2	231 5370		COVER, GROUND CONTROL (includes hinge and decal)	1
3	10-157600		DECAL, GROUND CONTROL BOX (English language)	1
	10-154800		Japanese language	
4	07-011344		MACHINE SCREW, PAN HEAD (#8-32 x 3/4", Grade 2)	3
5	07-050009		NUT, LOCK (#8-32, Grade 5)	3
6	03-702000		BUTTON, EMERGENCY STOP (Red, "pull to release" style)	1
7	03-454900		BASE, CONTACT BLOCK	1
8	03-437300		BLOCK, CONTACT (normally closed)	2
9	03-486500		SWITCH, KEY OPERATED (3 position. Includes two keys.)	1
10	03-454900		BASE, CONTACT BLOCK	1
11	03-437200		BLOCK, CONTACT (normally open)	1
12	03-020500		SWITCH, TOGGLE (3 position, momentary contact, single pole, double throw)	1
13	03-499700		BREAKER, CIRCUIT (12 Volt, 15 Amp)	1
14	03-498800		METER, BATTERY (with hour meter)	1
15	03-498900		INSTALLATION KIT, BATTERY METER	1
16	03-467900		ALARM, DESCENT (20 to 28 Volt DC, variable volume, 75 dB, 0.5 sec. pulse)	1
17	03-468700		STRIP, TERMINAL (solid 14 conductor barrier type)	1
18	07-011335		MACHINE SCREW, PAN HEAD (#6-32 x 1/2")	2
19	07-050007		NUT, STOP (#6-32, Grade 5)	2
20	07-056014		NUT, WING (1/4"-20, Grade 5)	1
21	231 7430		HARNESS, WIRE	1
22	03-085600		CABLE, ELECTRICAL (SJO, 12 conductor, #16 AWG) (Bulk item. 51 ft [15.54 m] required this application)	A.R.
23	03-085900		CABLE, ELECTRICAL (SJO, 3 conductor, #12 AWG) (Bulk item. 30 ft [9.15 m] required this application)	A.R.
24	03-086200		CABLE, ELECTRICAL (SJO, 2 conductor, #16 AWG) (Bulk item. 7 ft [2.13 m] required this application)	A.R.
25	03-037500		BASE, CONTACT BLOCK	1
26	03-502000		RELAY, PLUG IN (24 Volt DC, double pole, double throw)	1
27	MK70362		RELAY (3 Coil 24 Volt DC, Cont. single pole)	1
28	07-003005		CAPSCREW, HEX HEAD (1/4"-20 x 1", Grade 5)	2
29	07-062014		WASHER, FLAT (1/4")	5
30	07-050014		NUT, LOCK (1/4"-20, Grade 5)	2
TITLE			GROUND CONTROL BOX ASSEMBLY, TV20 (JAPAN)	
SECTION	PLATE NO.	PAGE	REV.	DATED
07.	72	01	-	13 FEB. 1998
			PART NO.	
			Terex Aerials Inc. 10600 West Brown Deer Road Milwaukee Wisconsin 53224 USA Parts Phone 1-601-393-1351 Fax 1-601-393-1751	





Terex Aerials Inc.  
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TITLE

# GROUND CONTROL BOX ASSEMBLY, TV20 (JAPAN)

PART NO.

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DATED

13 FEB. 1998

SECTION

07.

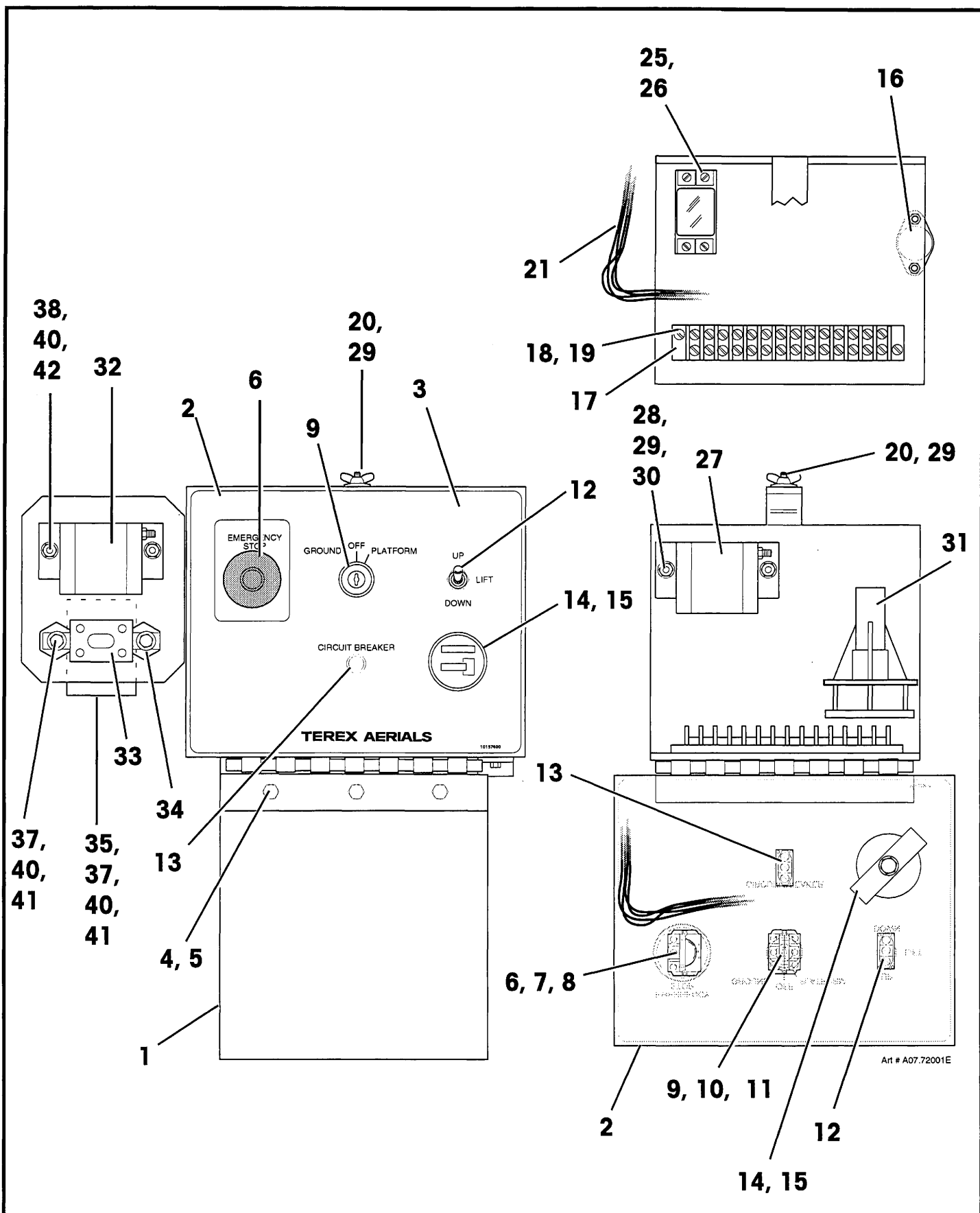
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Milwaukee Wisconsin 53224 USA  
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TITLE

# GROUND CONTROL BOX ASSEMBLY, TV20 (JAPAN)

PART NO.

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DATED

13 FEB. 1998

SECTION

07.

PLATE NO.

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## PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	235 2660 234 0990		PLATFORM CONTROL CONSOLE ASSEMBLY For Model X-14 (option) For Model X-2032, TV20 (Version <b>without</b> Low Voltage Cutout)	1
2	234 7290		For Model X-2032, TV20 (Version <b>with</b> Low Voltage Cutout)	
2	233 8390		SUBPLATE, PLATFORM CONTROL CONSOLE	1
3	233 8380		COVER, PLATFORM CONTROL CONSOLE	1
4	10-158900		HINGE, PLATFORM CONTROL CONSOLE	1
5	07-011100		MACHINE SCREW, PAN HEAD (#8-32 x 3/8", Grade 2)	7
6	07-050009		NUT, LOCK (#8-32, Grade 5)	7
7	07-090156		SCREW, HEX SOCKET BUTTON HEAD (1/4"-20 x 5/8", Stainless steel)	8
8			LEVER, DRIVE CONTROL	1
	03-617500 03-713400		For Model X-14 For Model X-2032, TV20	
9			MACHINE SCREW, ROUND HEAD (comes with lever)	2
10	10-264000 10-264002		DECAL, DRIVE/ STEER LEVER <b>English</b> language (comes with control assembly) <b>French</b> language	1
11	10-264003		<b>German</b> language DECAL, PLATFORM CAPACITY For Model X-14 (600 lbs [265 kg])	1
	10-148400 10-148402 10-148403		<b>English</b> language (comes with control assembly) <b>French</b> language <b>German</b> language	
	10-148700 10-148702		For Model X-2032, TV20 (750 lbs [340 kg]) <b>English</b> language (comes with control assembly) <b>French</b> language	
12	10-148703 10-244200		<b>German</b> language DECAL, PLATFORM CONTROL <b>English</b> language (comes with control assembly)	1
	10-244202 10-244203		<b>French</b> language <b>German</b> language	
13	03-702000		BUTTON, EMERGENCY STOP (Red "pull to release" type)	1
14	03-454900		BASE, SWITCH MOUNTING	1
15	03-437300		BLOCK, CONTACT (normally closed)	1
16	03-020500		SWITCH, TOGGLE (Lift) (1TL1-7)	
			(3 position, momentary contact, single pole, double throw)	1
17	03-020400		SWITCH, TOGGLE (Lift speed) (1TL1-2)	
			(2 position, maintained contact, single pole, single throw)	1

TITLE

**PLATFORM CONTROL ASSEMBLY**

SECTION

**09.**

PLATE NO.

**65**

PAGE

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REV.

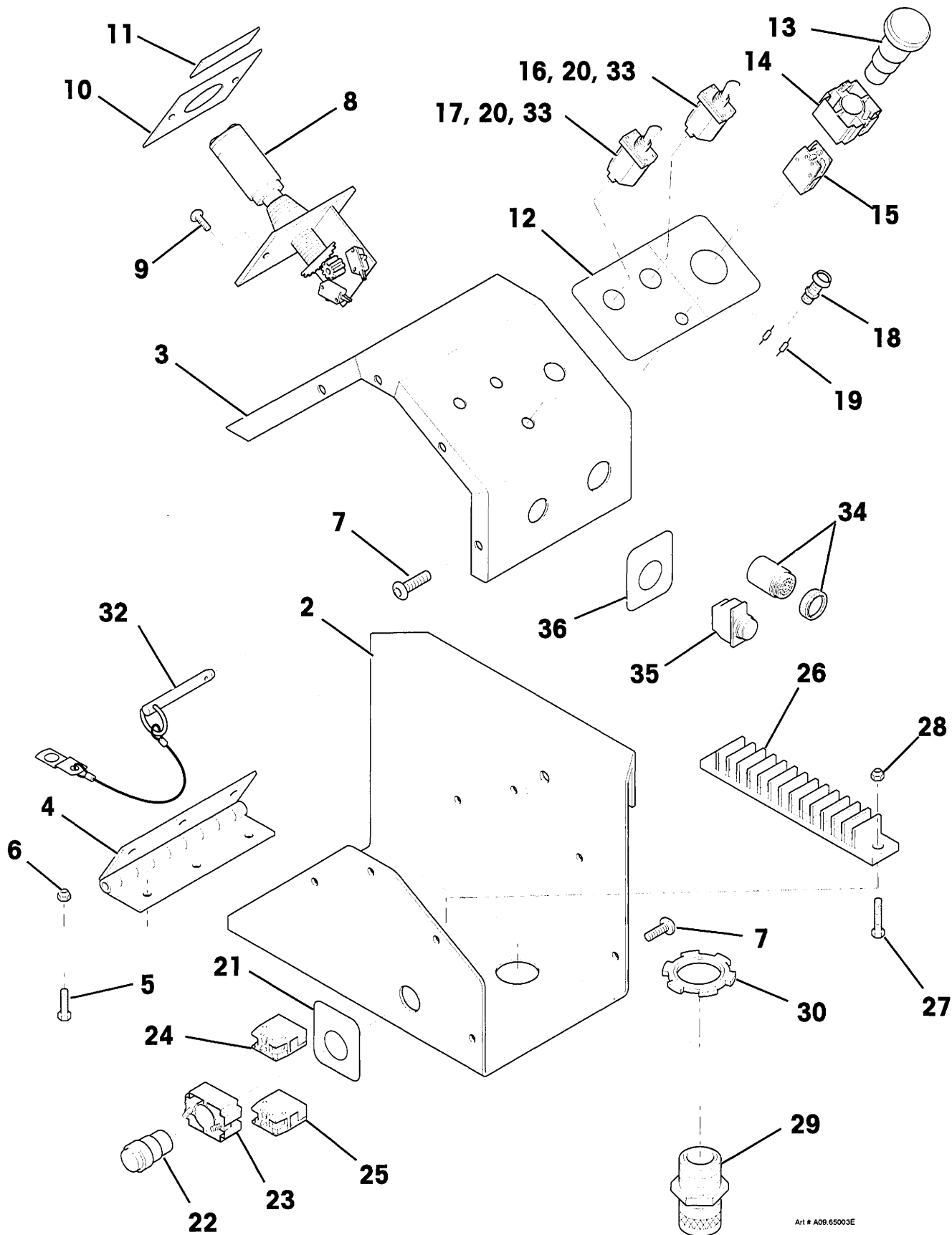
**B**

DATED

13 FEB. 1998

PART  
NO.

Terex Aerials Inc.  
10600 West Brown Deer Road  
Milwaukee Wisconsin 53224 USA  
Parts Phone 1-601-393-1351  
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TITLE

# PLATFORM CONTROL ASSEMBLY

PART  
NO.

REV.

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DATED

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SECTION

**09.**

PLATE NO.

**65**

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## PARTS LIST

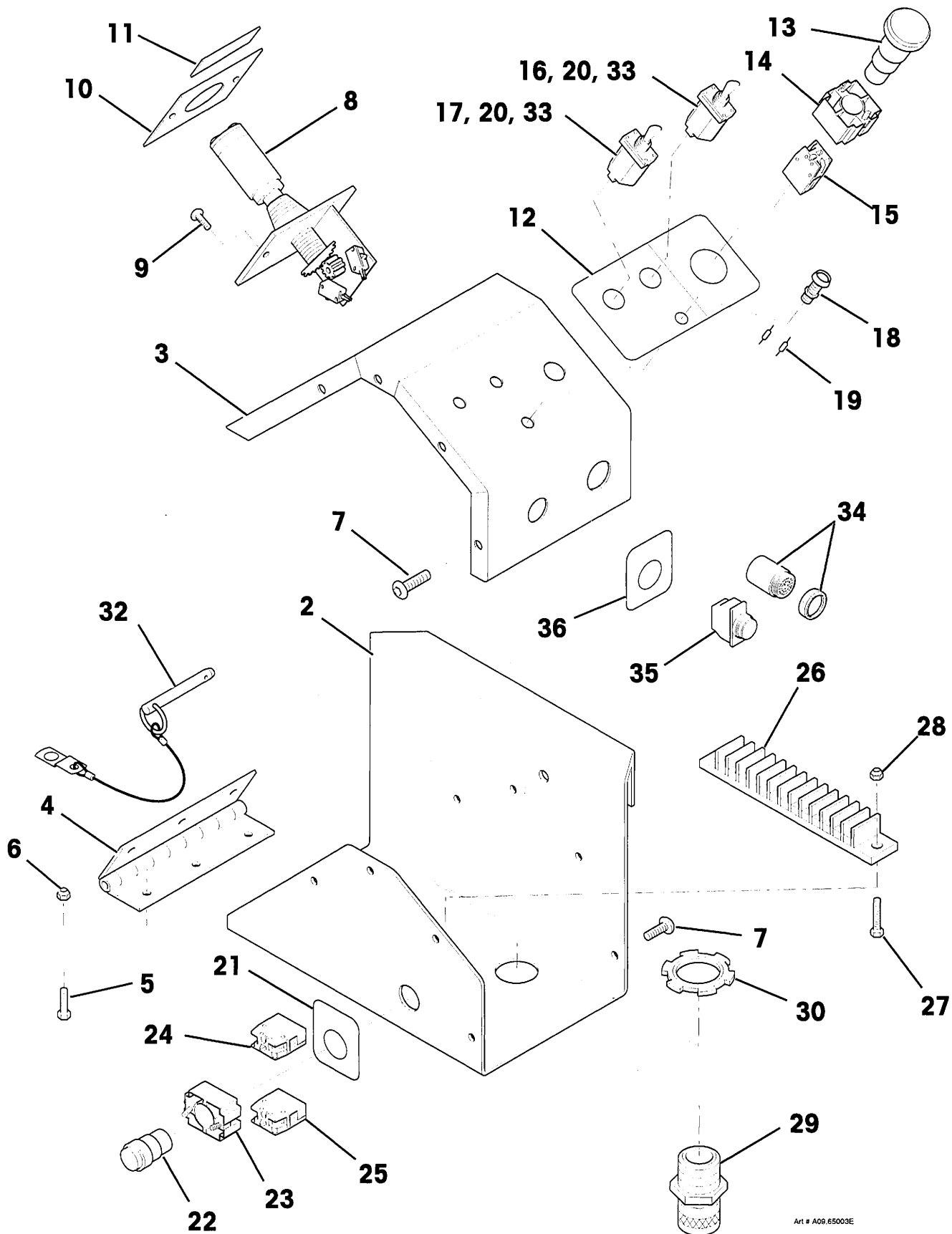
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
18	03-707800		PLATFORM CONTROL CONSOLE ASSEMBLY (continued) DIODE, LIGHT-EMITTING (L.E.D.) (Yellow, 12 Volt) (replaces Red diode 03-706400 used earlier)	1
19	03-715400		RESISTOR (680 Ohm, 1/2 Watt)	2
20	03-497900		SEAL, PANEL	2
21			DECAL, "POWER SWITCH"	1
	10-255200		<b>English</b> language (comes with control assembly)	
	10-255202		"Interrupteur général" ( <b>French</b> language)	
	10-255203		"Hauptschalter zum heben und senken" ( <b>German</b> language)	
22	03-712400		SWITCH, PUSH BUTTON (Power switch) (Flush Head, Green)	1
23	03-454900		BASE, SWITCH MOUNTING	1
24	03-437200		BLOCK, CONTACT (normally open)	1
25	03-437300		BLOCK, CONTACT (normally closed)	1
26	03-468700		BLOCK, TERMINAL (Solid, 14 conductor, barrier type)	1
27	07-011344		MACHINE SCREW, PAN HEAD (#8-32 x 3/4", Grade 2)	2
28	07-050009		NUT, LOCK (#8-32, Grade 5)	2
29	03-700600		GRIP, CORD (3/4", with .354" to .629" seal)	1
30	03-055600		NUT, CONDUIT LOCK (3/4")	1
31	03-700800		CABLE, ELECTRICAL (16 conductor, [13] #18, [3] #14 AWG) (Bulk item, order as needed. 45 Ft [13.7 M] required here)	A.R.
32	11-086600		PIN, HITCH (5/16" x 2", with 6" lanyard)	1
			The following items <b>are not</b> included with the Control Assembly	
33	03-506200		SEAL, TOGGLE SWITCH (option)	2
34	03-479300		ALARM, TILT (60 to 80 DB) (option)	1
35	03-020300		SWITCH, PUSH BUTTON (for optional horn)	1
36			DECAL, "HORN" (with option)	1
	10-259300		<b>English</b> language	
37	10-161900		TAPE, POLYETHYLENE (Pressure sensitive, 1-1/8" wide) (Bulk item, order as needed. Used on some earlier versions.)	A.R.

TITLE

PLATFORM CONTROL ASSEMBLY

SECTION **09.** | PLATE NO. **65** | PAGE **02** | REV. **B** | DATED 13 FEB. 1998 | PART NO.

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Art # A09.65003E

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Milwaukee Wisconsin 53224 USA  
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TITLE

# PLATFORM CONTROL ASSEMBLY

PART NO.

REV.

B

DATED

13 FEB. 1998

SECTION

09.

PLATE NO.

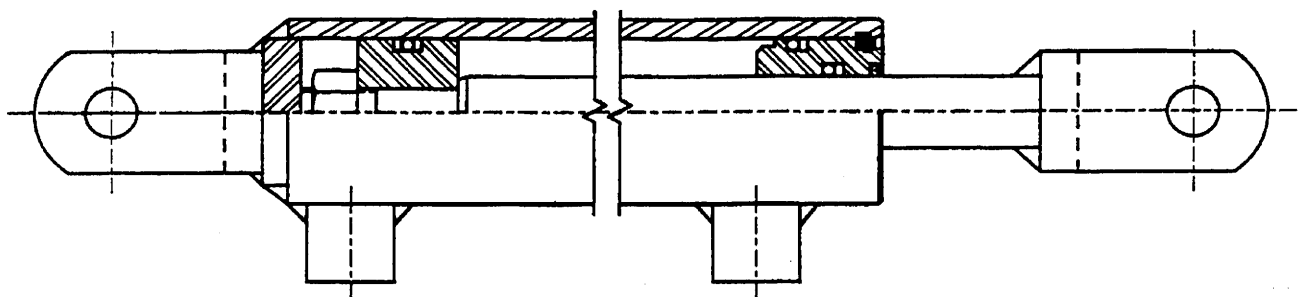
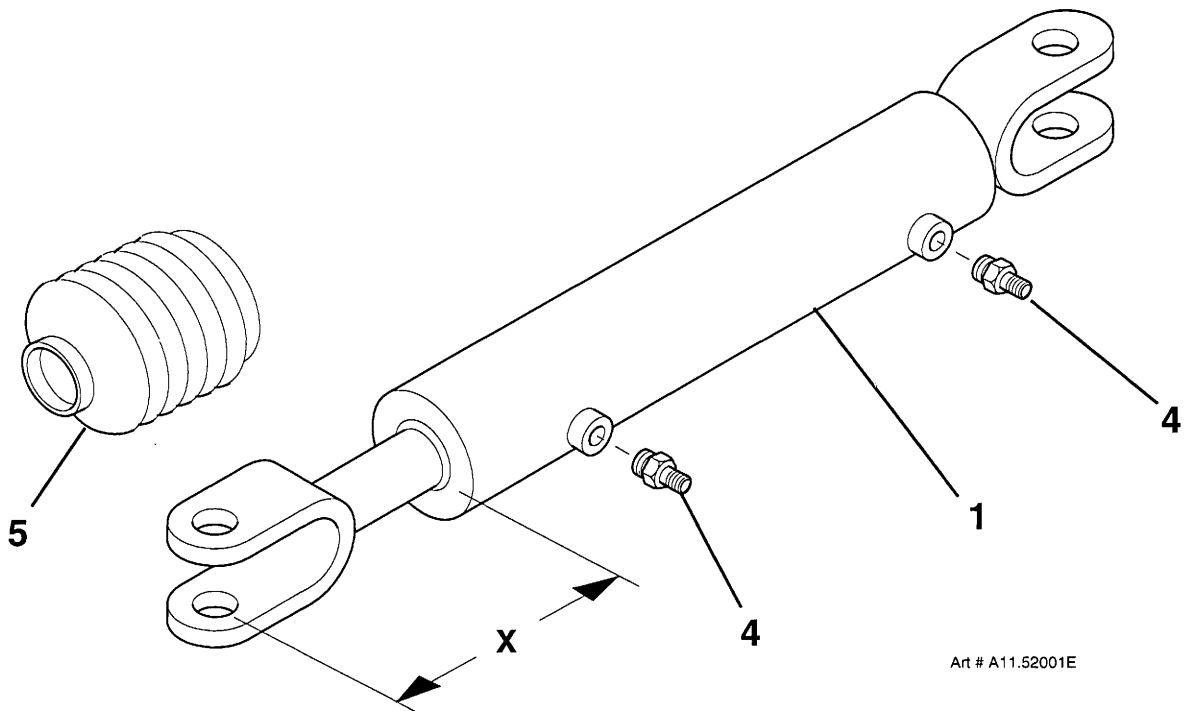
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PAGE

02

PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1	04-031300		CYLINDER, STEER <b>Type 1</b> (Used on some earlier versions) (Cylinder can be identified by the collapsed dimension "X" of 3.06" [77.8 mm])	1	
	04-034300		<b>Type 2</b> (Cylinder can be identified by the collapsed dimension "X" of 2.56" [65.1 mm])		
			<b>Note:</b> When ordering a <b>REPLACEMENT CYLINDER</b> , "Type 2" will be supplied.		
2	04-031302 04-034302		PIN, CLEVIS (1/2" x 2-1/16") for " <b>Type 1</b> " cylinder for " <b>Type 2</b> " cylinder	2	
3	04-031303 04-034303		PIN, COTTER (Steel, 1/8" x 3/4") for " <b>Type 1</b> " cylinder for " <b>Type 2</b> " cylinder	4	
			The following parts are <b>NOT INCLUDED</b> as part of the steer cylinder assembly:		
4	06-000600 06-009900		CONNECTOR, MALE 37° TO NPT (4-6 FTX-S) (earlier versions) 45° ELBOW, MALE 37° TO NPT (6-6 VTX-S) (later versions)	2 2	
5	10-117300		BOOT, CYLINDER ROD COVER (for " <b>Type 1</b> " cylinder)	1	
TITLE			STEER CYLINDER		
SECTION	PLATE NO.	PAGE	REV.	DATED	PART NO.
11.	52	01	D	13 FEB. 1998	
Terex Aerials Inc. 10600 West Brown Deer Road Milwaukee Wisconsin 53224 USA Parts Phone 1-601-393-1351 Fax 1-601-393-1751					





**Steer Cylinder Internal Components (Type 1 Cylinder shown)**

ART # A11.52002S

Terex Aerials Inc.  
10600 West Brown Deer Road  
Milwaukee Wisconsin 53224 USA  
Parts Phone 1-601-393-1351  
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TITLE

**STEER CYLINDER**

PART  
NO.

REV. **D**

DATED  
13 FEB. 1998

SECTION **11.**

PLATE NO. **52**

PAGE **01**

## PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	04-037500		CYLINDER, LIFT This cylinder can be identified by the Terex Aerials part number "04037500" and the cylinder serial number stamped near the rod end port.	1
2			CASE, CYLINDER	1
3	04-032904		HEAD, CYLINDER	1
4			ROD, CYLINDER	1
5	04-037501		PISTON	1
6	04-032902		NUT, LOCK	1
7	04-032901		SEAL KIT	1
8			WIPER, ROD	1
9			SEAL, ROD	1
10			"O"-RING (Head)	1
11			RING, BACKUP	1
12			"O"-RING (Piston inner)	1
13			RING, BACKUP	2
14			"O"-RING (Piston outer)	1
15			SEAL, PISTON	1
16			RING, PISTON WEAR	1
17	04-037502		BUSHING (2" I.D., 2-1/4" O.D., 1-1/2" long)	4
			The following items <b>are not</b> included with cylinder assembly 04-037500:	
18	08-051300		FITTING, GREASE (1/8", 90°)	2
19	08-066300		CAP, GREASE FITTING (white plastic)	2
20	01-225500		FUSE, VELOCITY [4.0 GPM (15 L/ min)](standard)	1
21	01-222400		MANIFOLD, VELOCITY FUSE	1
22	2312480		VALVE, HOLDING (optional in place of velocity fuse)	1
23	01-097505		CARTRIDGE, HOLDING VALVE	1
24	01-097518		SEAL KIT, CARTRIDGE	1
25	01-097507		COIL, HOLDING VALVE CARTRIDGE	1
26	01-221100		"O"-RING (.426 I.D. x .070" dia.)	1
27	01-222401		CONNECTOR, COIL	1
28	06-044300		90° ELBOW, STRAIGHT THREAD (4 C50X-S)	1
29	2174040		ELBOW, ORIFICED (modified 4 C50X-S with .021" orifice)	1
30	06-039300		ADAPTER, "O"-RING TO 37° (4 F50X-S)	1
31	07-098500		CAP SCREW, HEX HEAD (1/4"-20 x 2", Grade 8)	2
32	07-065014		WASHER, HELICAL LOCK (1/4")	2
33	07-062014		WASHER, FLAT (1/4")	2

TITLE

LIFT CYLINDER, TV20

PLATE  
NO.

11.62

**TEREX AERIALS INC.**

REV. 13 FEB. 1998

PART  
NO.

04-037500

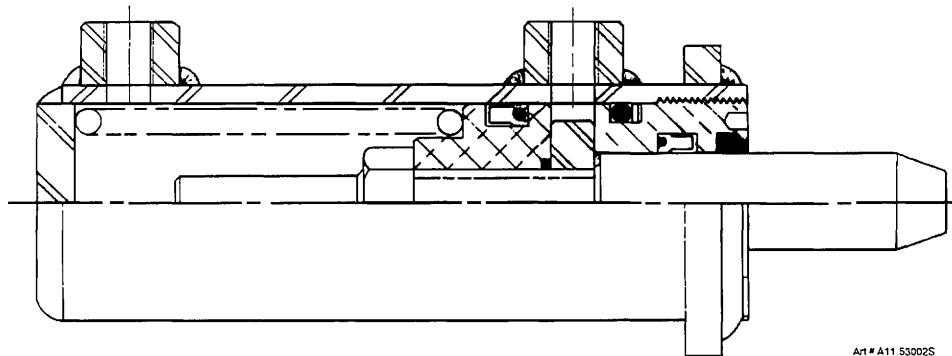
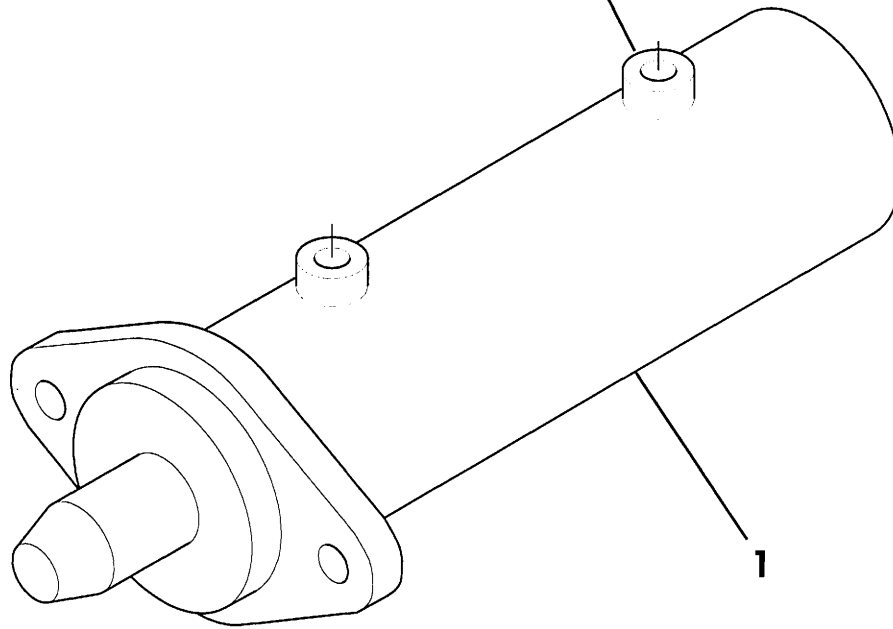


11.62

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SECTION 11.	PLATE NO. 63	PAGE 01	REV. C	DATED 13 FEB. 1998	PART NO.
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This port at rear on  
Cylinder 231 2630.



Art # A11 53002S

**Brake Cylinder Internal Components**

Terex Aerials Inc.  
10600 West Brown Deer Road  
Milwaukee Wisconsin 53224 USA  
Parts Phone 1-601-393-1351  
Fax 1-601-393-1751

TITLE

**BRAKE CYLINDER**

PART  
NO.

REV. **C**

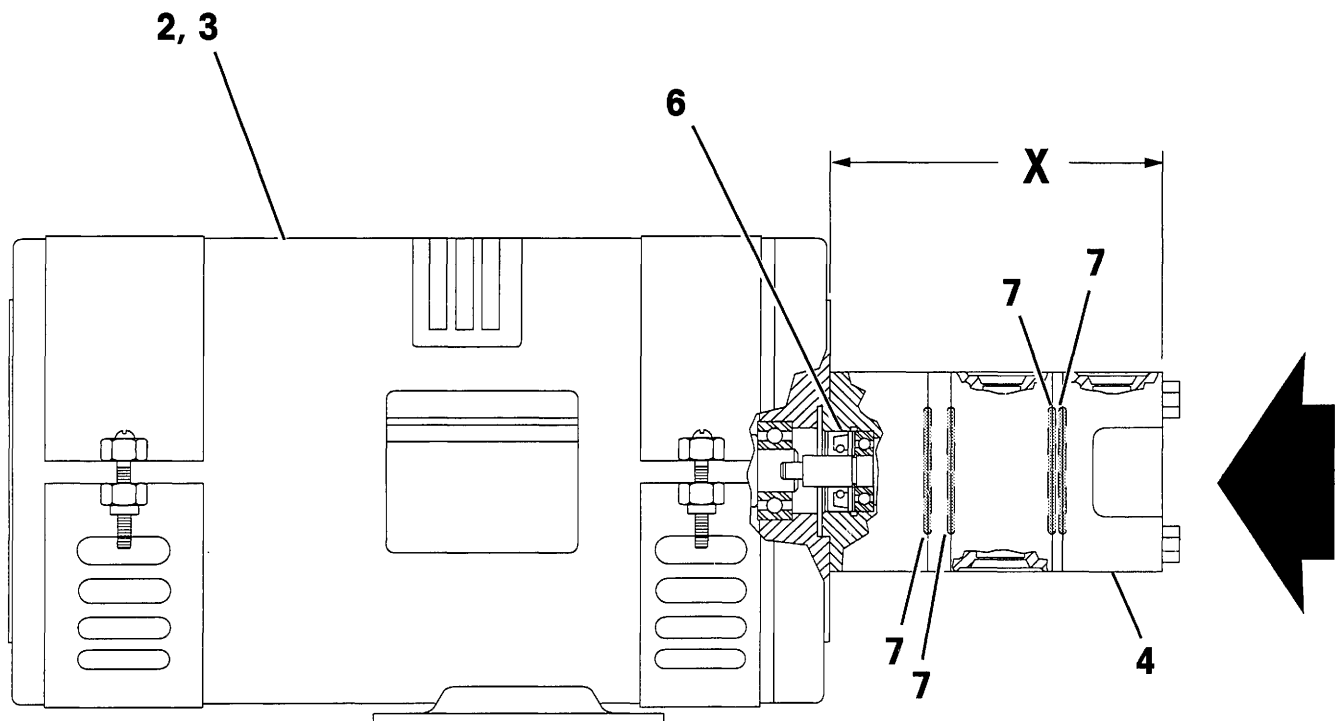
DATED  
13 FEB. 1998

SECTION **11.**

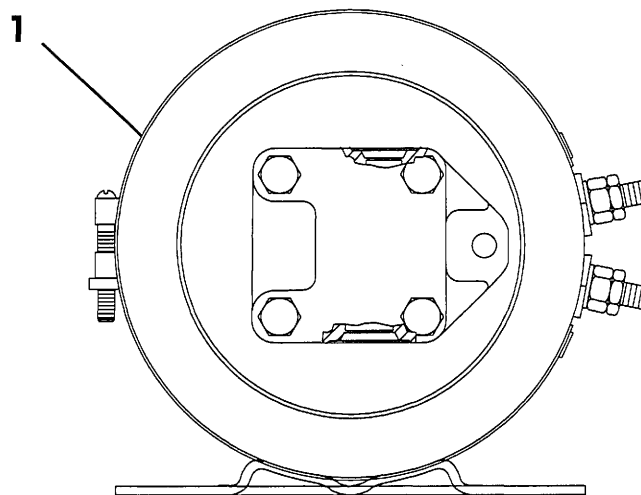
PLATE NO. **63**

PAGE **01**

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Art # A12.51007E



Art # A12.51006E

**View in direction of Arrow**

Terex Aerials Inc.  
10600 West Brown Deer Road  
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TITLE

**PUMP AND MOTOR ASSEMBLY**

PART  
NO.

REV.  
**C**

DATED  
13 FEB. 1998

SECTION

**12.**

PLATE NO.

**51**

PAGE

**01**

## PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	233 9570		MANIFOLD VALVE ASSEMBLY	1
2	01-226700		BLOCK, VALVE	1
3	01-226701		VALVE, FORWARD DRIVE (SV2) (3 way, 2 position)	1
4	01-208803		SEAL KIT, DRIVE VALVE	1
5	01-226701		VALVE, REVERSE DRIVE (SV3) (3 way, 2 position)	1
6	01-208803		SEAL KIT, DRIVE VALVE	1
7	01-097503		COIL, SOLENOID (24 Volt DC) (CL10)	2
8	01-097505		VALVE, HIGH SPEED DRIVE/ LIFT (SV4) (2 way, normally closed)	1
9	01-097516		SEAL KIT, VALVE	1
10	01-226709		VALVE, STEER (SV1) (4 way, 3 position) (replaces 01-097501)	1
11	01-208810		SEAL KIT, STEER VALVE	1
12	01-086804		VALVE, LIFT LOCKOUT (SV6) (2 way, normally open)	1
13	01-097516		SEAL KIT, VALVE	1
14	01-086804		VALVE, LIFT (SV7) (2 way, normally open)	1
15	01-097516		SEAL KIT, VALVE	1
16	01-097507		COIL, SOLENOID (24 Volt DC) (CL8)	5
17	01-226706		VALVE, COUNTERBALANCE (CB1 and CB2) (3700 psi) (255 bar) (260 kg/ cm <sup>2</sup> )	2
18	Call Simon		SEAL KIT, COUNTERBALANCE VALVE	2
19	01-226702		VALVE, SYSTEM RELIEF (RV2) (2900 psi) (200 bar) (203.9 kg/ cm <sup>2</sup> )	1
20	01-086812		SEAL KIT, VALVE (replaces 01-097516)	1
21	01-226703		VALVE, STEER RELIEF (RV1) (1500 psi) (103.4 bar) (105.5 kg/ cm <sup>2</sup> )	1
22	01-097516		SEAL KIT, VALVE	1
23			VALVE, "LIFT/ DRIVE" RESTRICTOR (Low speed valve) (FR1) Standard. 0.8 gpm (3.0 litre/ min) 0.9 gpm (3.4 litre/ min)	1
	01-226705			
	01-226710			
	01-226711		1.0 gpm (3.8 litre/ min)	
	01-226712		1.1 gpm (4.2 litre/ min)	
24	01-226707		SEAL KIT, RESTRICTOR VALVE	1
25	01-226704		VALVE, "LOWER" RESTRICTOR (FR2) (2.8 GPM) (10.6 Litre/ Min)	1
26	01-226708		SEAL KIT, RESTRICTOR VALVE	1
27	01-097510		VALVE, SHUTTLE (Hand pump brake release) (LS1)	1
28	01-208809		SEAL KIT, SHUTTLE VALVE	1
29	01-097510		VALVE, SHUTTLE ("Normal operation" brake release) (LS2)	1
30	01-208809		SEAL KIT, SHUTTLE VALVE	1
31	01-208814		PLUG, HEX SOCKET (PLG4)	3
32	Call Simon		SEAL, PLUG	3

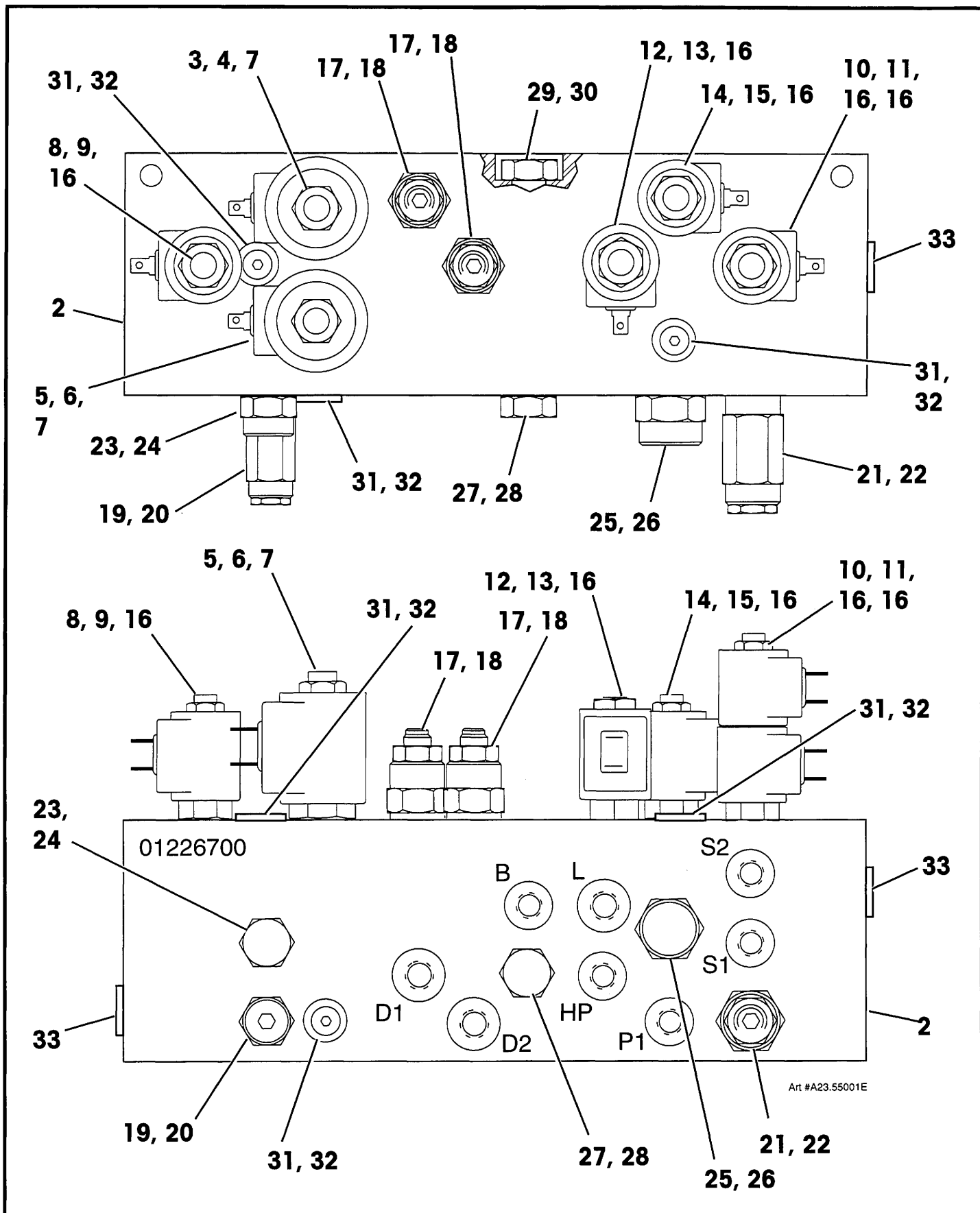
TITLE

MANIFOLD VALVE ASSEMBLY

SECTION **23.** | PLATE NO. **58** | PAGE **01** | REV. **A** | DATED **13 FEB. 1998** | PART NO. **233 9570**

Terex Aerials Inc.  
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TITLE

# MANIFOLD VALVE ASSEMBLY

PART NO.

233 9570

REV.

A

DATED

13 FEB. 1998

SECTION

23.

PLATE NO.

58

PAGE

01

## PARTS LIST

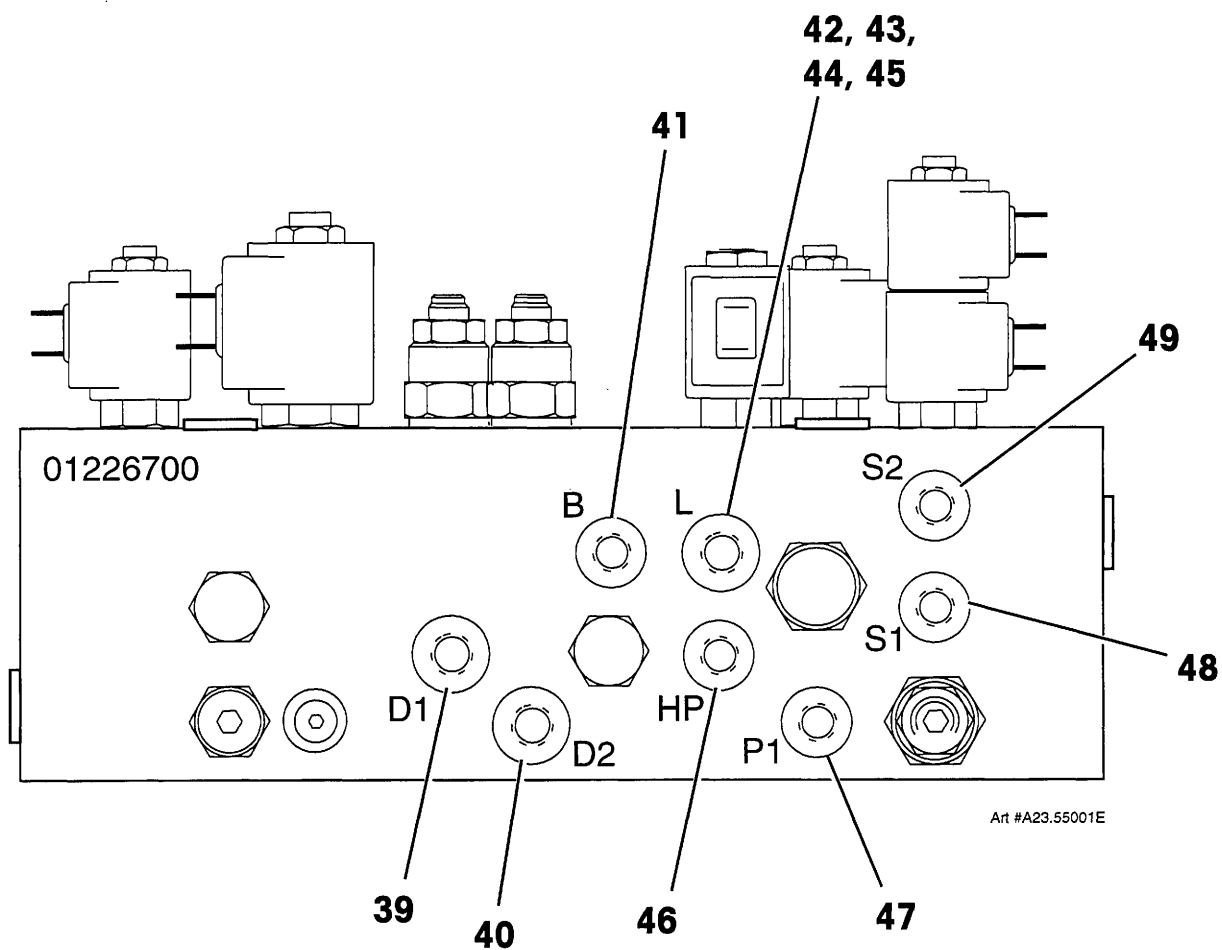
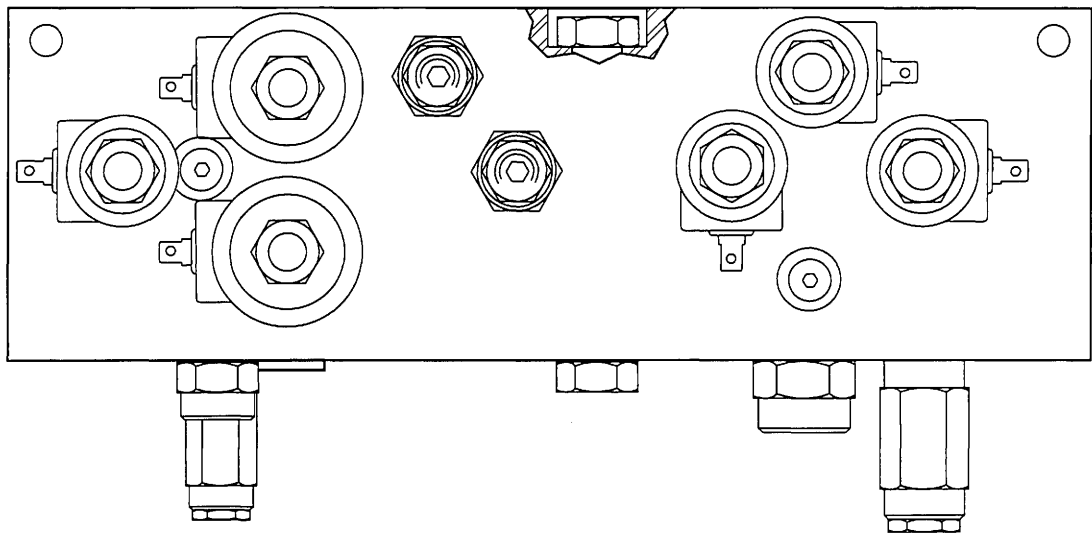
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
			The following items <b>are not</b> part of the Valve Block. They <b>are</b> part of the Manifold Assembly. Ports and fittings are not illustrated. Refer to port identification stamped on Valve Block):	
33	06-094800		<b>For Ports "G1" and "G2":</b> PLUG, HEX SOCKET "O"-RING (4 HP50N-S)	2
34	06-040100		<b>For Port "T":</b> ADAPTER, "O"-RING TO 37° (8 F50X-S)	1
35	06-048600		RUN TEE, MALE "O"-RING TO 37° (8 R50X-S)	1
36	06-057600		NUT, TUBE (8 BTX-S)	1
37	06-060300		REDUCER, TUBE END (8-6 TRTX-S)	1
38	06-039800		<b>For Port "P2":</b> ADAPTER, "O"-RING TO 37° (6 F50X-S)	1
39	06-039800		<b>For Port "D1":</b> ADAPTER, "O"-RING TO 37° (6 F50X-S)	1
40	06-039800		<b>For Port "D2":</b> ADAPTER, "O"-RING TO 37° (6 F50X-S)	1
41	06-039300		<b>For Port "B":</b> ADAPTER, "O"-RING TO 37° (4 F50X-S)	1
42	06-039800		<b>For Port "L":</b> ADAPTER, "O"-RING TO 37° (6 F50X-S)	1
43	06-079000		CONNECTOR, SWIVEL NUT (6 F650X-S) (some applications)	1
44	01-018900		VALVE, FLOW CONTROL (#6 SAE ports) (some applications)	1
45	06-044600		90° ELBOW, "O"-RING TO 37° (6 C50X-S) (some applications)	1
46	06-094800		<b>For Port "HP":</b> PLUG, HEX SOCKET "O"-RING (4 HP50N-S)	1
47	06-039300		<b>For Port "P1":</b> ADAPTER, "O"-RING TO 37° (4 F50X-S)	1
48	06-039300		<b>For Port "S1":</b> ADAPTER, "O"-RING TO 37° (4 F50X-S)	1
49	06-044300 06-039500		<b>For Port "S2":</b> 90° ELBOW, "O"-RING TO 37° (4 C50X-S) ADAPTER, "O"-RING TO 37° (4 F50X-S)	1 1

TITLE

### MANIFOLD VALVE ASSEMBLY

SECTION **23.** | PLATE NO. **58** | PAGE **02** | REV. **A** | DATED 13 FEB. 1998 | PART NO. **233 9570**

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Art #A23.55001E

Terex Aerials Inc.  
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TITLE

# MANIFOLD VALVE ASSEMBLY

PART NO.

233 9570

REV.

A

DATED

13 FEB. 1998

SECTION

23.

PLATE NO.

58

PAGE

02

## PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1			TANK WELDMENT, HYDRAULIC <b>Note:</b> Return pipe exits at <b>top rear</b> of tank. Versions <b>without</b> optional fluid level (sight) gauge or optional suction strainer.	1
	2311190			
	2309110		Versions <b>with</b> optional fluid level (sight) gauge, which mounts on <b>side</b> of tank, <b>and</b> optional suction strainer.	1
2	2310360		TANK WELDMENT, HYDRAULIC (some early versions). <b>Note:</b> Return pipe exits at <b>bottom rear</b> of tank (see insert). Sight gauge mounts on blocks at <b>rear</b> of tank.	1
3	11-082500		PLUG, SQUARE HEAD (1/2" NPT)	1
4	11-082500		PLUG, SQUARE HEAD (1/2" NPT) (some early versions)	1
5	01-211200		STRAINER, SUCTION (option) [100 mesh, 10 GPM (37.8 L/ min)]	1
6	06-211600		ELBOW, HOSE FITTING (used with optional suction strainer)	1
7	06-004100		90° ELBOW, MALE 37° TO NPT (6-8 CTX-S)	1
8	2312490		GAUGE, FLUID LEVEL (with thermometer) (modified)	1
9			90° STREET ELBOW (3/4" NPT)	1
	24100596		90° ELBOW, MALE (1/2" NPT to 3/8" JIC)	1
10	11-300500		BUSHING, FACE (3/4" NPT to 1/2" NPT)	2
11	11-050004		90° ELBOW, FEMALE (3/4 NPT)	1
12	11-020018		NIPPLE, CLOSE (3/4" NPT x 1-3/8" long)	1
13	01-081500		FILTER ASSEMBLY, HYDRAULIC RETURN	
14	01-081501		ELEMENT, FILTER [10 micron, 18 GPM (68 L/ min)]	1
15	06-004400		ELBOW, MALE (8-8 CTX-S)	1
16	01-097800		CAP ASSEMBLY, HYDRAULIC TANK (includes 10 micron filter, breather and strainer)	1
			The following items <b>are not</b> part of the Tank Assembly:	
17	07-003027		CAP SCREW, HEX HEAD (5/16"-18 x 1-1/2", Grade 5)	4
18	07-062015		WASHER, FLAT (5/16")	8
19	07-050015		NUT, LOCK (5/16"-18, Grade 5)	4

TITLE

HYDRAULIC TANK

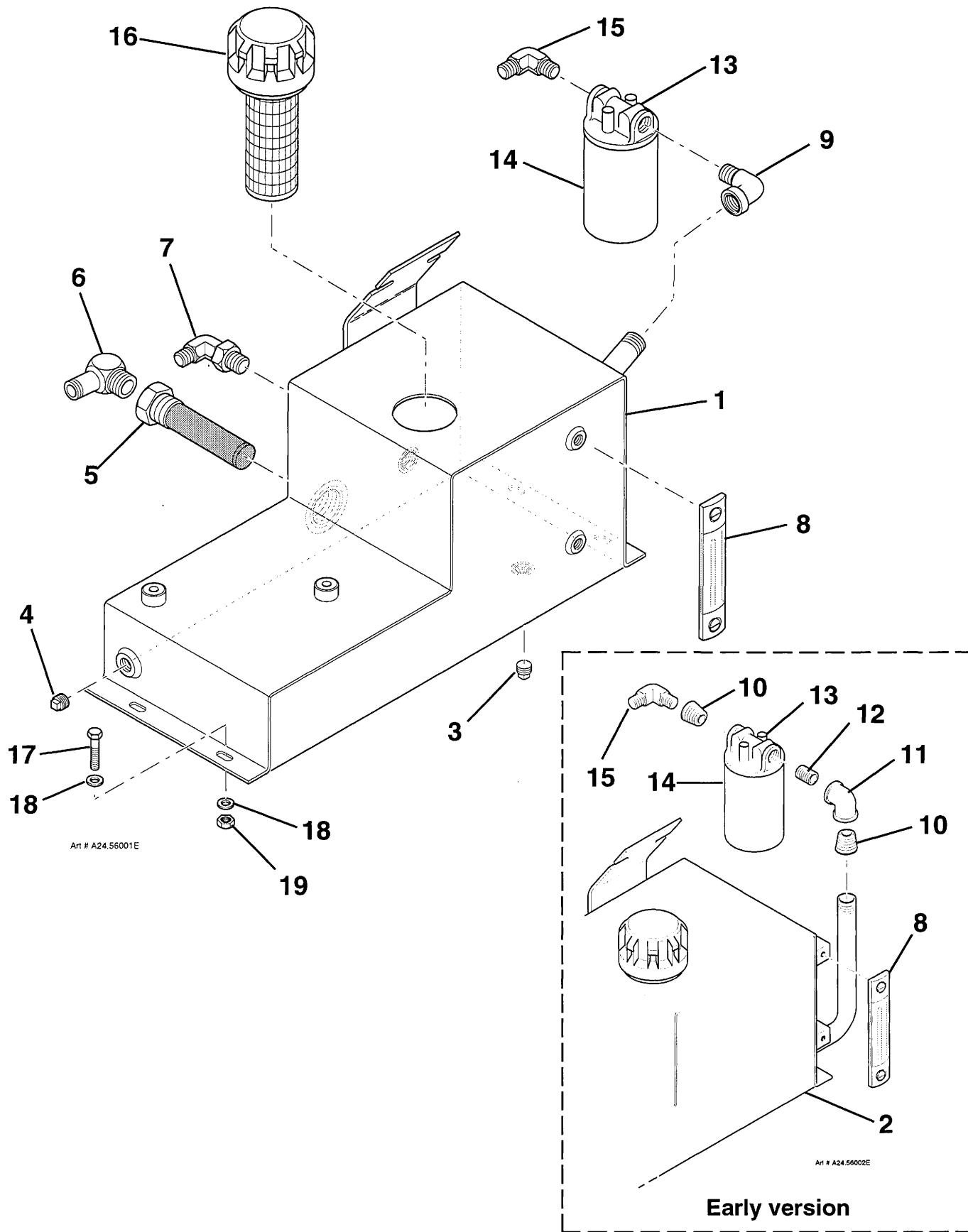
PLATE NO.

24.56

TEREX AERIALS INC.

REV. 13 FEB. 1998

PART NO.



TITLE

HYDRAULIC TANK

**TEREX AERIALS INC.**

REV. 13 FEB. 1998

PART  
NO.

PLATE  
NO.

**24.56**

# PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
	01-097300		MOTOR ASSEMBLY (Motor identification tag reads "RE 24070300")	
1			HOUSING	1
2			BEARING, ROLLER	1
3			BEARING, THRUST	2
4	01-074401		SEAL KIT	1
5			SEAL, CARRIER	1
6			WASHER, THRUST	1
7	01-201601		SEAL KIT	1
8			SEAL, HOUSING (high pressure)	1
9			RING, BACKUP	1
10			SEAL, SHAFT	1
11			SEAL, BACKUP	1
12			SHIM, BACKUP	1
13			RING, SNAP	1
14			SEAL, DUST	1
15			SEAL, BODY	3
16			SEAL, BODY	1
17			NUT	1
18	01-201602		SHAFT	1
19			KEY	1
20			BEARING, ROLLER	1
21			LINK, DRIVE	1
22	01-205418		MANIFOLD	1
23	01-205412		BOOT, MANIFOLD	1
24	01-208101		ROTOR SET ASSEMBLY	1
25	01-205413		PLATE, BALANCE (includes ball checks)	1
26	01-205414		CHECK, BALL (3/16")	4
27			COVER, END	1
28			PLATE, MOTOR IDENTIFICATION (with screws)	1
29			BOLT SET (includes 7 bolts)	1

TITLE

WHEEL MOTOR ASSEMBLY

PLATE  
NO.

26.55

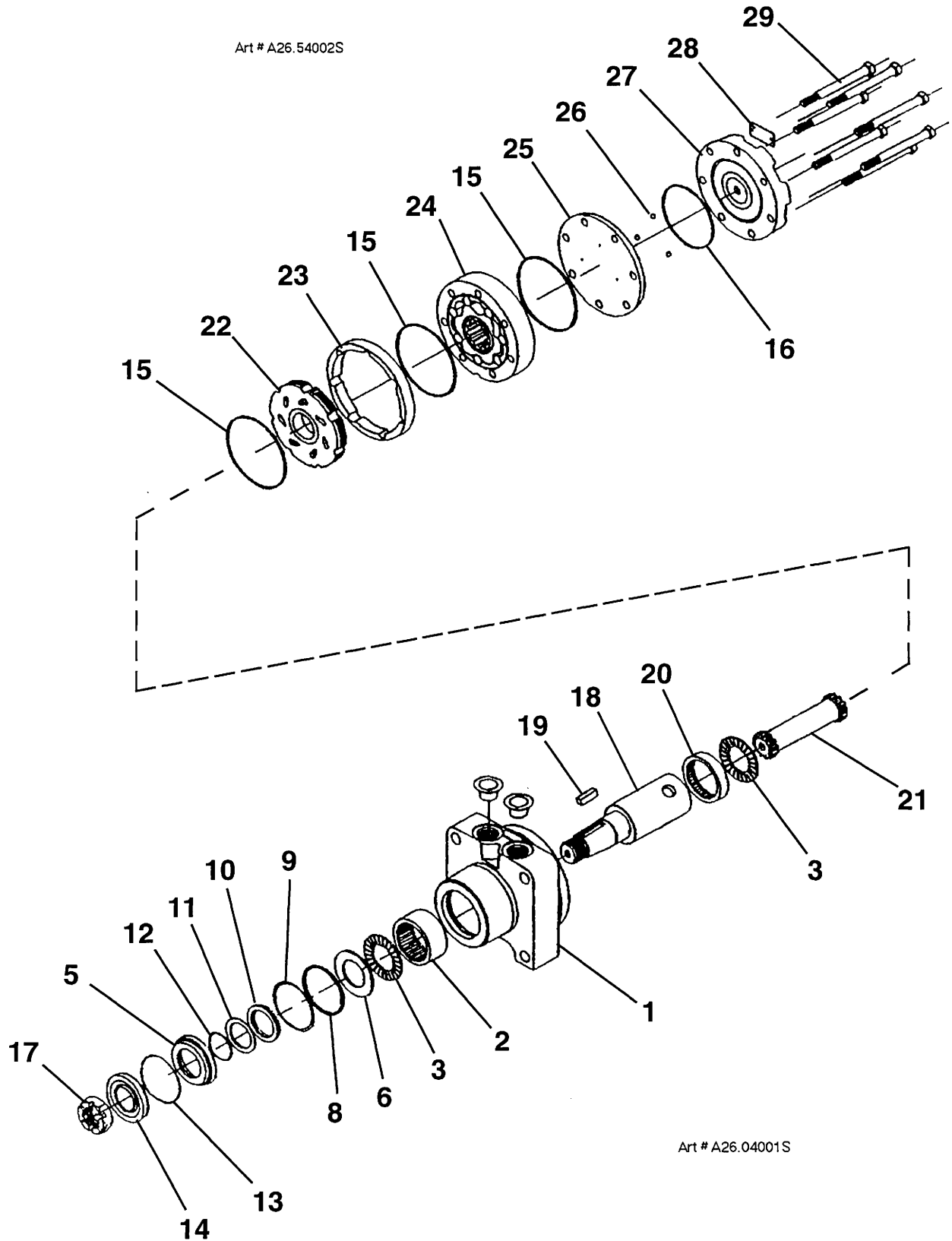
**TEREX AERIALS INC.**

REV. 13 FEB. 1998

PART  
NO.

01-097300

Art # A26.54002S



Art # A26.04001S

TITLE

WHEEL MOTOR ASSEMBLY

**TEREX AERIALS INC.**

REV. 13 FEB. 1998

PART  
NO.

01-097300

PLATE  
NO.

26.55



## PARTS LIST

ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
			DECAL KIT, TV20 (with Link boom, for Japan only) (Not available. Purchase decals individually.)	
1	10-155000		DECAL, "DANGER" (Hazard listing at ground controls, in Japanese text)	1
2	10-154400		DECAL, "DANGER" (Electrocution hazard, in Japanese text)	1
3	10-155300		DECAL, "DANGER" (Hazard listing at platform controls, in Japanese text)	1
4	10-155100		DECAL, PLATFORM CAPACITY [178 mm (7") wide] ("340 kg", with Japanese text)	1
5	10-155400		DECAL, PLATFORM CAPACITY [52.1 cm (20-1/2") wide] ("340 kg", with Japanese text)	1
6	10-155600		DECAL, PLATFORM EXTENSION CAPACITY (with option) ("110 kg", with Japanese text)	1
7	10-154800		DECAL, GROUND CONTROL BOX (with Japanese text. English version is illustrated.)	1
8	10-158000		DECAL, EMERGENCY LOWERING AND BRAKE RELEASE (Japanese text)	1
9	10-244200		DECAL, PLATFORM CONTROL	1
10	10-255200		DECAL, "POWER SWITCH"	1
11	10-264000		DECAL, DRIVE/STEER LEVER	1
12	10-151700		DECAL, RANGE DIAGRAM (Japanese text)	2
13	10-155800		DECAL, MAXIMUM WORK HEIGHT ("5.94 M", with Japanese text)	2
14	10-157800		DECAL, FRONT DIRECTION (Japanese text)	1
15	10-157900		DECAL, REAR DIRECTION (Japanese text)	1
16	10-139800		DECAL, "OPERATOR'S MANUAL ENCLOSED . . ." (English language)	1
17	10-285001		DECAL, "TV20" NAME [Gray, 8 cm (3.12") high]	2
18	MK181982		DECAL, CROWN [ 13 cm (5.12") high]	3
19	MK182871		DECAL, "TEREX" NAME [White, 8 cm (3.12") high]	2
20	MK182872		DECAL, "AERIALS" NAME [White, 8 cm (3.12") high]	2

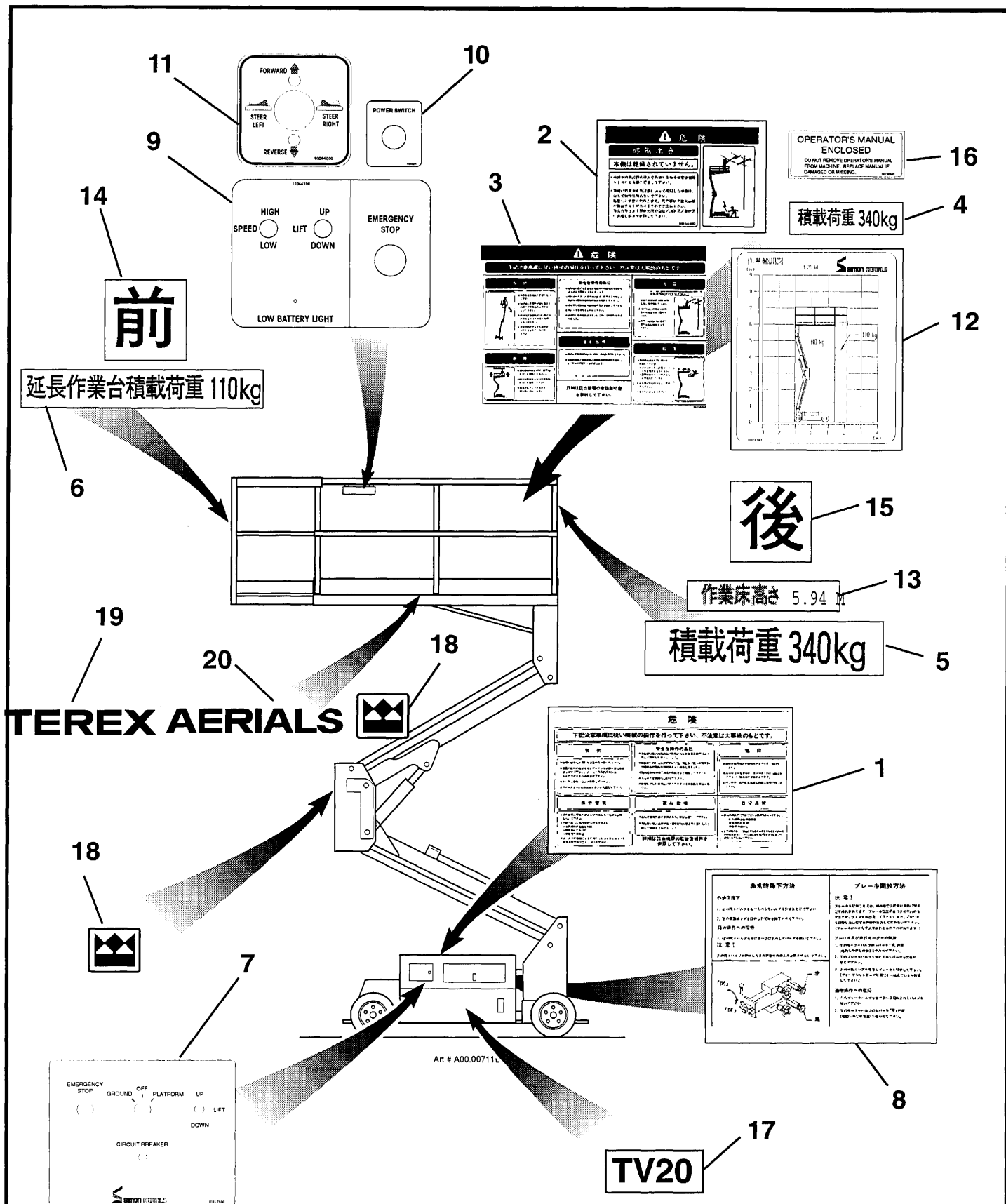
TITLE DECALS, TV20 (JAPANESE STANDARDS)

PLATE NO. 99.60 **TEREX AERIALS INC.**

REV. 13 FEB. 1998

PART NO.





TITLE

DECALS, TV20 (JAPANESE STANDARDS)

TEREX AERIALS INC.

REV. 13 FEB. 1998

PART  
NO.

PLATE  
NO.

99.60