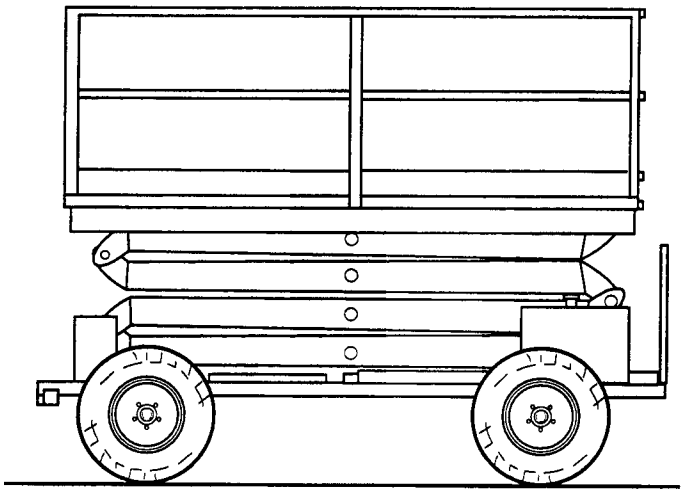
TEREX AERIALS



Scissor Lift, Model:

TS25RT

PARTS MANUAL

Terex Worldwide Parts Distribution Center
8800 Rostin Road
Southaven, MS 38671-0923

Telephone: (662) 393-1351
Facsimile: (662) 393-1751

Issued: September 2000
Revised: August 2001

P/N 12261-255

DISCLAIMER

Terex Aerials strives to include in the Parts Manual, information and illustrations that are accurate, complete, and current. Due to continued product development and revisions by our many suppliers, it is not possible to illustrate every possible variation of a given assembly. Therefore, the information contained in this manual is subject to change without notice.

NOTICE

The Parts Manual, although sometimes helpful, is NOT intended to serve as assembly/disassembly instructions.

TEREX AERIALS

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2.5	ELECTRICAL RECEPTACLE, POWER TO PLATFORM
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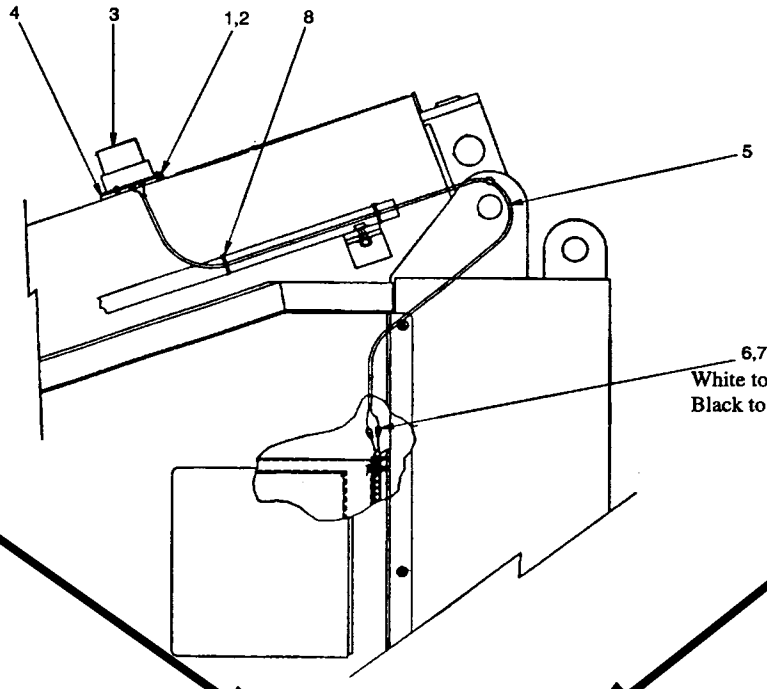
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AMBER BEACON
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Ref.	Part No.	Description	Qty	Remarks
	212297-2	Amber Beacon Assembly	Ref	
1	1210-7	Washer, Lock # 10	3	
2	1202-4	Capscrew	3	
3	441 6844	Amber Beacon	1	
4	212293	Plate	1	
5	70767	Cable (10 feet)	1	
6	70500	Female Spade	2	
7	70501	Male Spade	2	
8	1222-202	Plastic Tie	2	

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PART REQUIRED

Parts Manual Format

1 **SECTION** refers to the major divisions of the Parts Manual.

2. **PAGE** indicates the page number of the illustration or parts list.

3. **REF** is the number shown in the first column. It corresponds to the number identifying a given part in the illustration on the same page or facing page.

4. The **PART No.**, is shown in the second column, is the part number for items that are serviceable.

5. **DESCRIPTION**, shown in the third column, is the physical description of the part or assembly.

6. **QUANTITY** indicates the quantity of items used in the assembly or sub-assembly.

   A. Ref. indicates the item is not serviceable or a part of another assembly.
   B. "AR" indicates the items is not used as required. Some quantities may be specified "For Machine."

7. Indented Items are parts or subassemblies included in the assembly or subassembly above.
   See example below for the indenture system used in this manual.

   EXAMPLE:

Ref.	Part No.	Description	Qty.
	123456	Assembly (Includes all items shown in installation)	Ref.
1	234567	Part of Assembly	1
2	345678	Subassembly	1
	456789	Part of Subassembly	AR

8. Common abbreviations and symbols used throughout this manual are shown on page 1.10 for reference.

9. **REMARKS**, shown in the fifth or far right column, provide page number references for more detailed breakdowns, kit descriptions, sizes or special information.

TEREX AERIALS
HOW TO ORDER PARTS

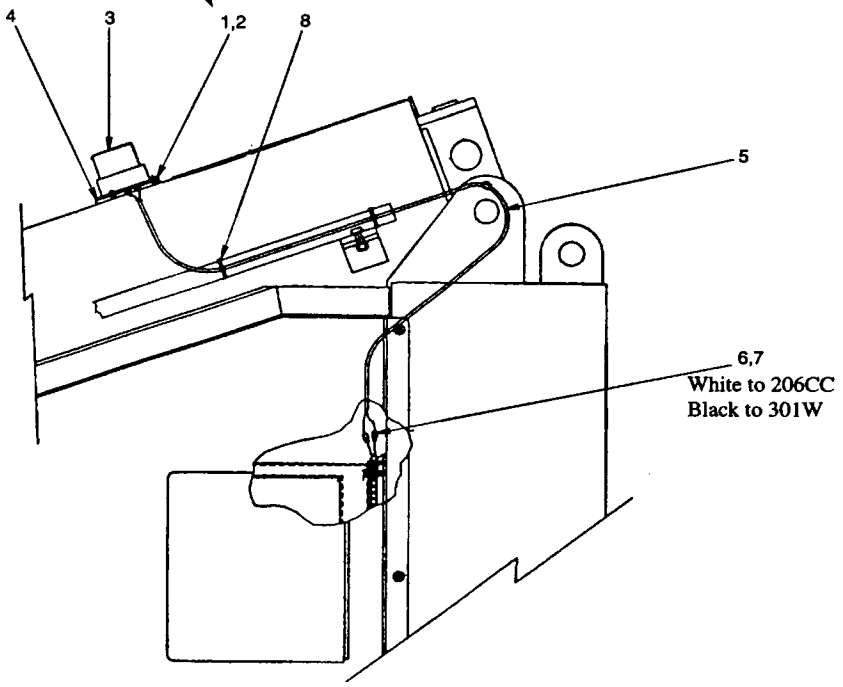
1B

1A

TEREX AERIALS
AMBER BEACON

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1C

Ref.	Part No.	Description	Qty	Remarks
	212297-2	Amber Beacon Assembly	Ref.	
1	1210-7	Washer, Lock # 10	3	
2	1202-4	Capscrew	3	
3	441 6844	Amber Beacon	1	
4	212293	Plate	1	
5	70767	Cable (10 feet)	1	
6	70500	Female Spade	2	
7	70501	Male Spade	2	
8	1222-202	Plastic Tie	2	

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PART REQUIRED

1. Find the Terex Aerial Part Number.

A. Use the Table of Contents to find the appropriate Section and Page Number.
B. Match the part needed to the illustration and note the item number.
C. Find the corresponding Ref. number in the parts list directly below the illustration or on the facing page.
D. Use the Part Number listed next to the Ref. number when ordering.
E. Always include the complete part number, as shown in the Parts Manual, along with the description of the part and specify the quantity of the part you wish to order.
F. Anticipate your spare parts requirements.
G. Place orders early in the day.
H. Keep a supply of normal maintenance and recommended spare parts in stock.
I. Obtain recommended parts stocking requirements from your Terex Aerials Distributor.

2. Customer Ordering:

Genuine Terex Aerials parts are available worldwide and must be ordered through your local Terex Aerial Distributor. For your nearest Terex Aerials Distributor, contact the Parts Sales Center at the number listed below.

3. Distributor Ordering: Listed below in the respective order of preference, are the methods of ordering parts.

A.	DEALER "ON-LINE"	(Preferred)
B.	FAX:	(601) 393-1751
C.	PHONE:	(601) 393-1351/1353
D.	MAIL:	Terex-Southaven 8800 Rostin Road Southaven, MS 38671-0923

NOTE: If your Parts Department is not ON-LINE, contact the PARTS SALES CENTER for information on using this system.

4. Any errors, comments, or suggestions should be forwarded to the Customer Service Department at the following address:

Terex Aerials
106 12th Street S.E.
Waverly, IA 50677

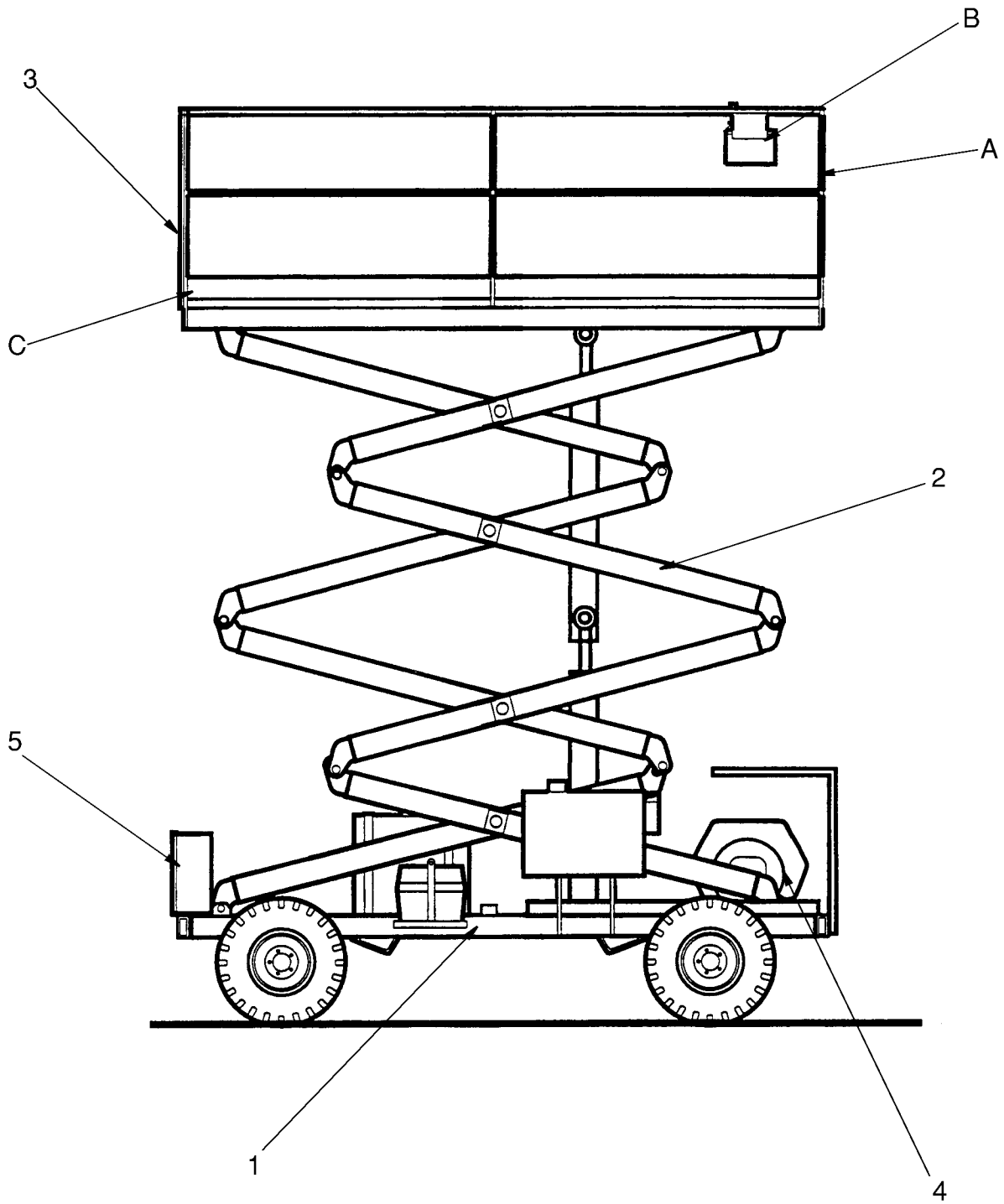
TEREX AERIALS
ABBREVIATIONS AND SYMBOLS

AC	ALTERNATING CURRENT	"	INCHES
ADPTB	ADAPTER	INT	INTERNAL
AMP	AMPERE	INV	INVERTED
APPROX	APPROXIMATELY	LG	LENGTH
AR	AS REQUIRED	LH	LEFT HAND
ASSY	ASSEMBLY	MAX	MAXIMUM
AVAIL	AVAILABLE	MIN	MINIMUM
BRG	BEARING	MN	MILLIMETER
BRKT	BRACKET	MTH	MOUNTING
CCW	COUNTER-CLOCKWISE	P/N	PART NUMBER
CFM	CUBIC FEET PER MINUTE	NO	NUMBER
CHRG	CHARGING	NSS	NOT SOLD SEPARATELY
CTSK	COUNTERSUNK	OD	OUTSIDE DIAMETER
CVR	COVER	PTO	POWER TAKE-OFF
CW	CLOCKWISE	#	POUND
CYCL	CYLINDER	QTY	QUANTITY
°	DEGREE	RD	ROUND
DC	DIRECT CURRENT	REF	REFERENCE
DIA	DIAMETER	RH	RIGHT HAND
DRV	DRIVE	ROT	ROTATION
ENG	ENGINE	RPM	REVOLUTIONS PER MINUTE
EXH	EXHAUST	SL	SLOTTED
EXT	EXTERNAAL	SM	SMALL
FT	FEET	SPD	SPEED
GAL	GALLON	STD	STANDARD
GR	GRADE	T	TOOTH
GSK	GASKET	THK	THICK
HD	HEAD	THRU	THROUGH
HEX	HEXAGON	TEMP	TEMPARTURE
HP	HORSEPOWER	V	VOLT
HSG	HOUSING	VAC	VOLTS ALT. CURRENT
HT	HEAT TREATED	VARI	VARIABLE
HYD	HYDRAULIC	VS	VARIABLE SPEED
HZ	HERTZ	W/	WITH
ID	INSIDE DIAMETER	WO/	WITHOUT
INCL	INCLUDES		

SECTION 2 “FINAL ASSEMBLY” CONTAINS:

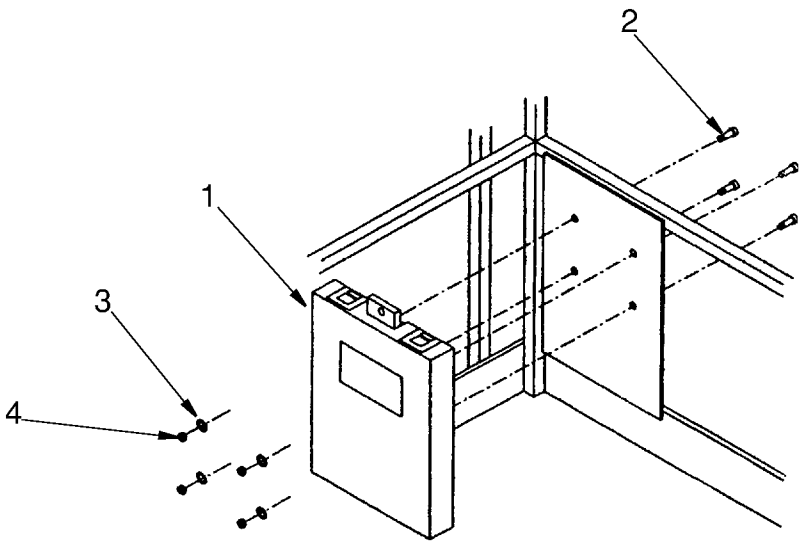
PAGE	TITLE
2.2	FINAL ASSEMBLY
2.4	MANUAL HOLDER ASSEMBLY
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2.6	DECALS
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TEREX AERIALS
FINAL ASSEMBLY

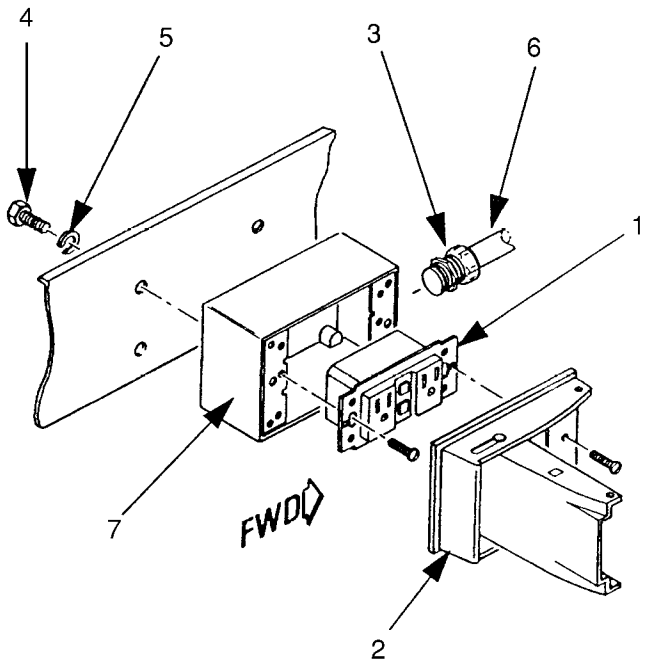


Ref.	Part No.	Description	Qty	Remarks
		Assembly, Final		
"A"	Detail "A"	Manual Holder Assembly	1	See Page 2.3 for Details
"B"	Detail "B"	Aerial Control Box	1	See Section 5 for Details
"C"	Detail "C"	Electrical Receptacle, Power to Platform	1	See Page 2.5 for Details
1	3553960	Undercarriage Assembly	1	See Section 3 for Details
2	3543320	Scissor Assembly	1	See Section 4 for Details
3	3557890	Platform Assembly	1	See Section 5 for Details
4	3554620	Engine Assembly	1	See Section 6 for Details
5	03753100	Ground Control Box	1	See Section 3 for Details

TEREX AERIALS
PARTS MANUAL

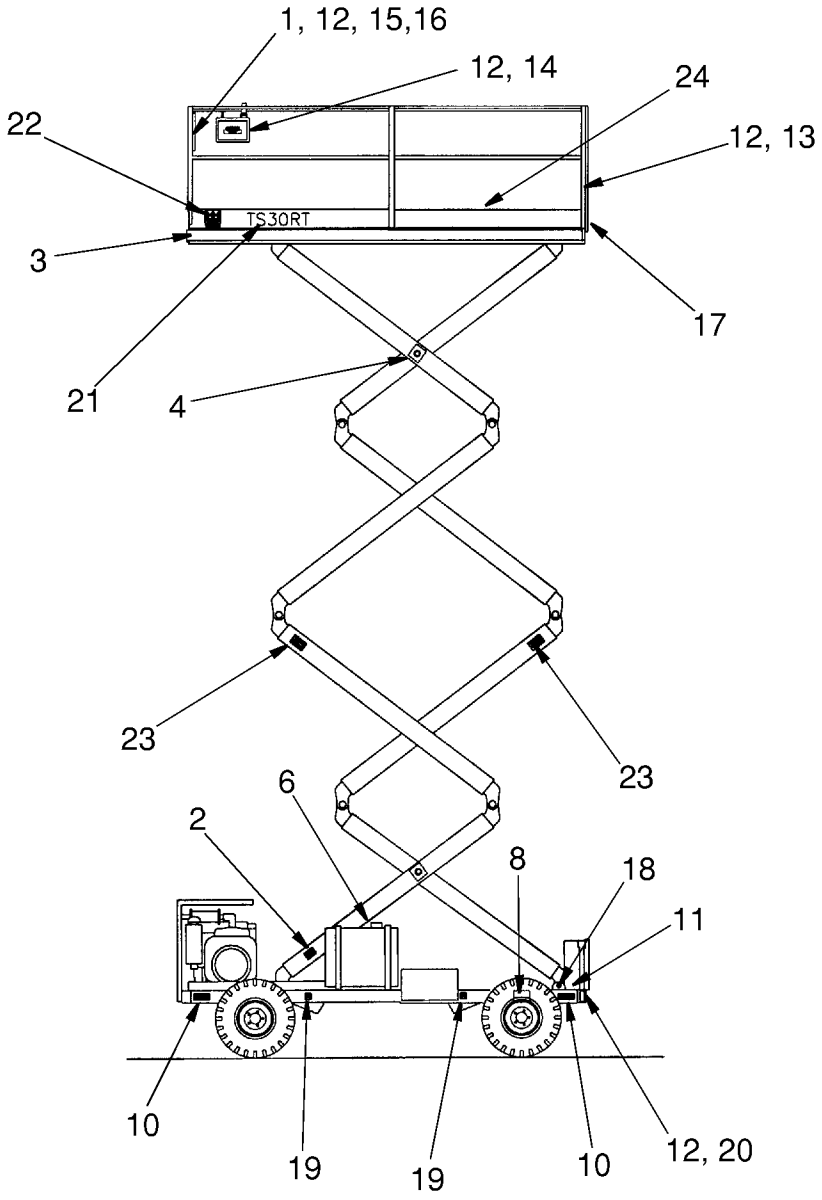


Ref.	Part No.	Description	Qty	Remarks
"A"	(Detail "A")	Manual Holder Assembly	Ref.	
1	135322	Manual Holder	Ref.	
2	61921	Capscrew, Socket HD 1/4C X 1/2"	4	
3	1209-2	Flatwasher	4	
4	1205-13	Nut, 1/4C	4	



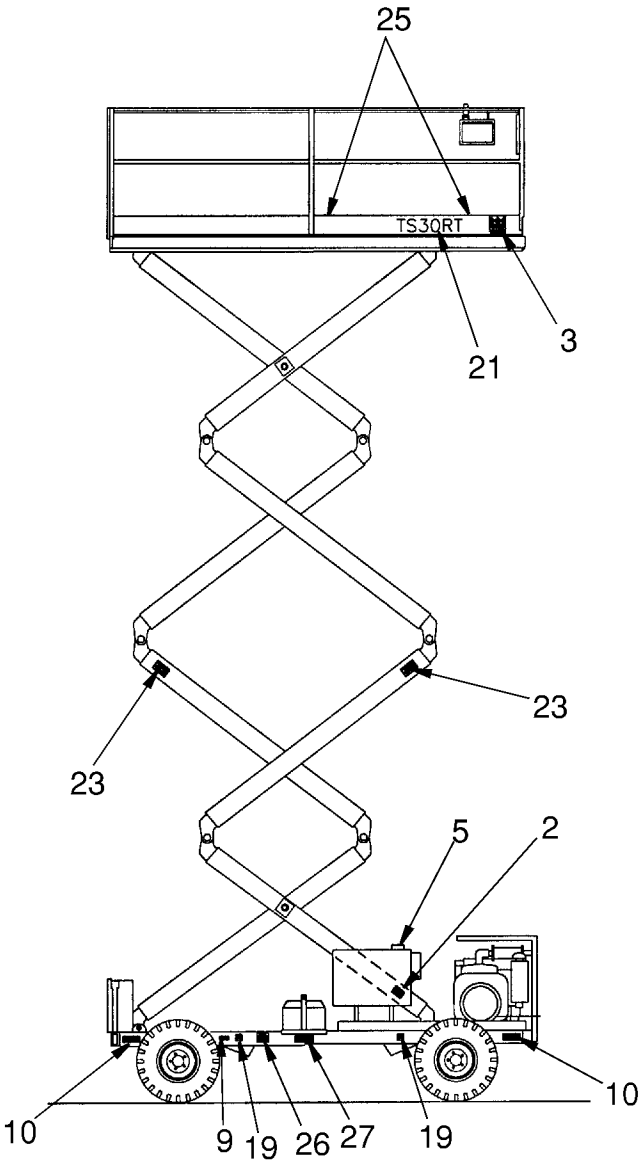
Ref.	Part No.	Description	Qty	Remarks
"C"	Detail "C"	Electrical Receptacle, Power to Platform	Ref	Includes Items 1 thru 7
1	70391	Receptacle, Duplex (G.F.C.I.)	1	
2	70392	Cover, Snap	1	
3	2806	Strain, Relief	1	
4	1233-7	Screw, Machine #10 - 32 UNC X 3/4	4	
5	1210-7	Lockwasher, #10	4	
6	135782-1	Cable Assy, 110 VAC	1	
	600995	Pin	3	
	69337	Plug, Male	1	
	69338	Clamp, AMP Cable	1	
7	70262	Box, Universal	1	

TEREX AERIALS
DECALS



LEFT SIDE DECALS

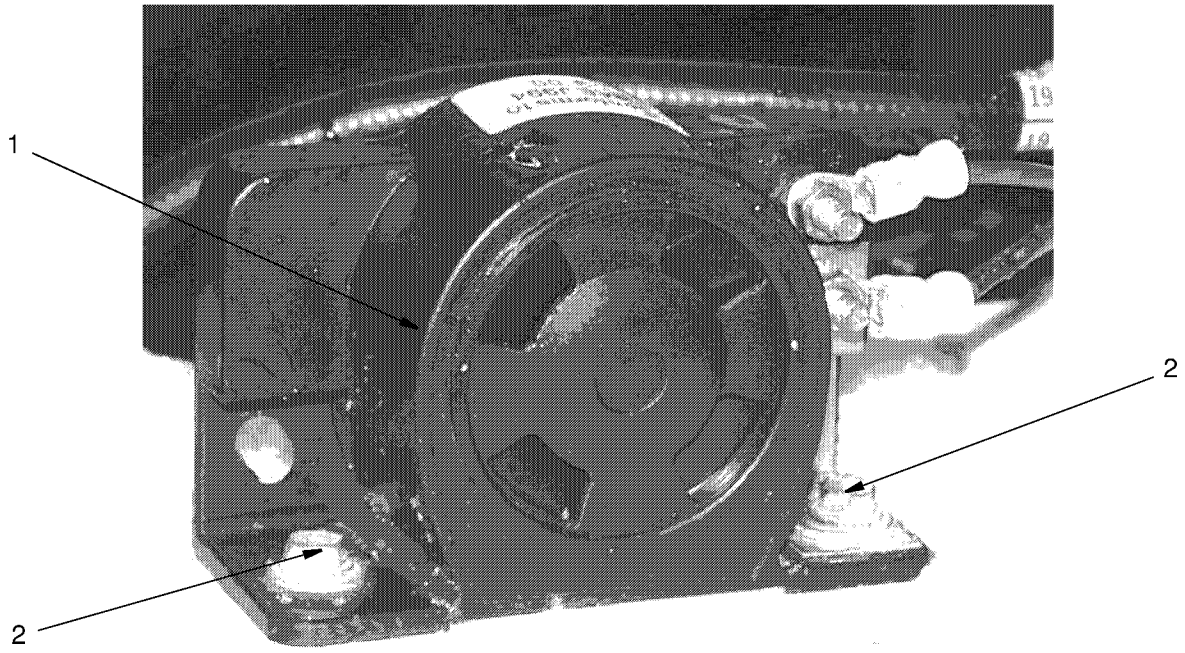
RIGHT SIDE DECALS



Ref.	Part No.	Description	Qty	Remarks
	136090-1	Decal Kit - TS25RT	1	
1	10130400	Decal, “DANGER”, Platform Station	1	
2	10130000	Decal, “DANGER” Electrocution	2	
3	10130300	Decal, “DANGER”, Pinch Point	2	
4	10130200	Decal, “WARNING”, Machine Collapsing	1	
5	10151300	Decal, Hydraulic Fluid Only	1	
6	10117900	Decal, Gasoline Only	1	
7	10156100	Decal, Brake Release Valve	1	
8	10144500	Decal, Manual Brake Release	1	
9	10209400	Decal, Tighten Lug Nuts	1	
10	183564	Decal, Tire	4	
11	10259100	Decal, Emergency Lowering Valve	1	
12	183565	Decal, Wind Speed & Side Load	4	
13	10143600	Decal, Platform Capacity, “1250 LBS” or 4 occp.)	1	
14	10149200	Decal, Platform Capacity, “1250 LBS”	1	
15	10143000	Decal, Platform Extension Cap., “500 LBS”	1	
16	10139800	Decal, Manual Enclosed	1	
17	10121600	Decal, Made In U.S.A.	1	
18	10130600	Decal, “DANGER”, Ground Control Station	1	
19	10280600	Decal, Tie Down	4	
20	10284600	Decal, Serial Number	1	
21	10285028	Decal, Model Numbers	2	
22	10288204	Decal, Terex Crown	2	
23	183532	Decal, Hand Hazard	1	
24	185724	Decal, 110V	1	
25	183530	Decal, Lanyard Attachment	6	
26	47100107	Decal, Foam Filled Tires	1	
27	183551	Decal, Battery	1	

TEREX AERIALS

TRAVEL ALARM



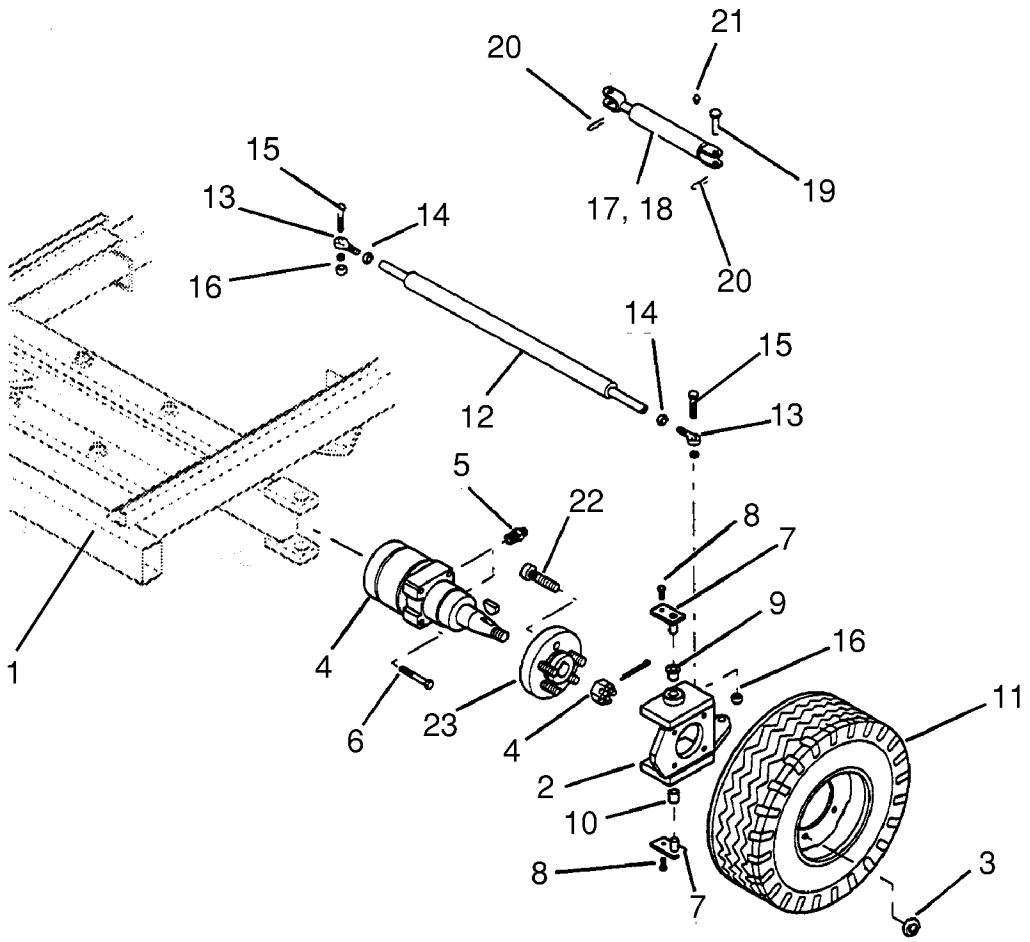
Ref.	Part No.	Description	Qty	Remarks
	3536440	Optional Travel Alarm	1	Includes Items 1 thru 4
1	70894	Alarm, Smart	1	
2	07003001	Capscrew, 1/4-20 x 1/2	2	
	07062014	Flatwasher	2	
	07050014	Locknut	2	



Ref.	Part No.	Description	Qty	Remarks
	3531530	Amber Strobe Light	1	Includes Items 1 thru 12
1	03046500	Strobe Light	1	
2	03064000	Cable Tie	7	
3	03064100	Mount	3	
4	03085200	Cable (16 AWG)	10 ft.	
5	03092200	Terminal, Coupling	2	
6	03092300	Terminal, Coupling	2	
7	03095600	Terminal, Ring	1	
8	03467500	Relay	1	
9	03469200	Socket	1	
10	07029365	Screw, Self Tap	2	
11	70806	Contact Pin	2	
12	70807	Contact Socket	2	

SECTION 3 “UNDERCARRIAGE ASSEMBLY” CONTAINS:

PAGE	TITLE
3.1	UNDERCARRIAGE ASSEMBLY
3.6	MANIFOLD ASSEMBLY
3.10	TOW BAR OPTION
3.12	GROUND CONTROL BOX
3.14	HYDRAULIC TANK ASSEMBLY
3.15	STEERING CYLINDER

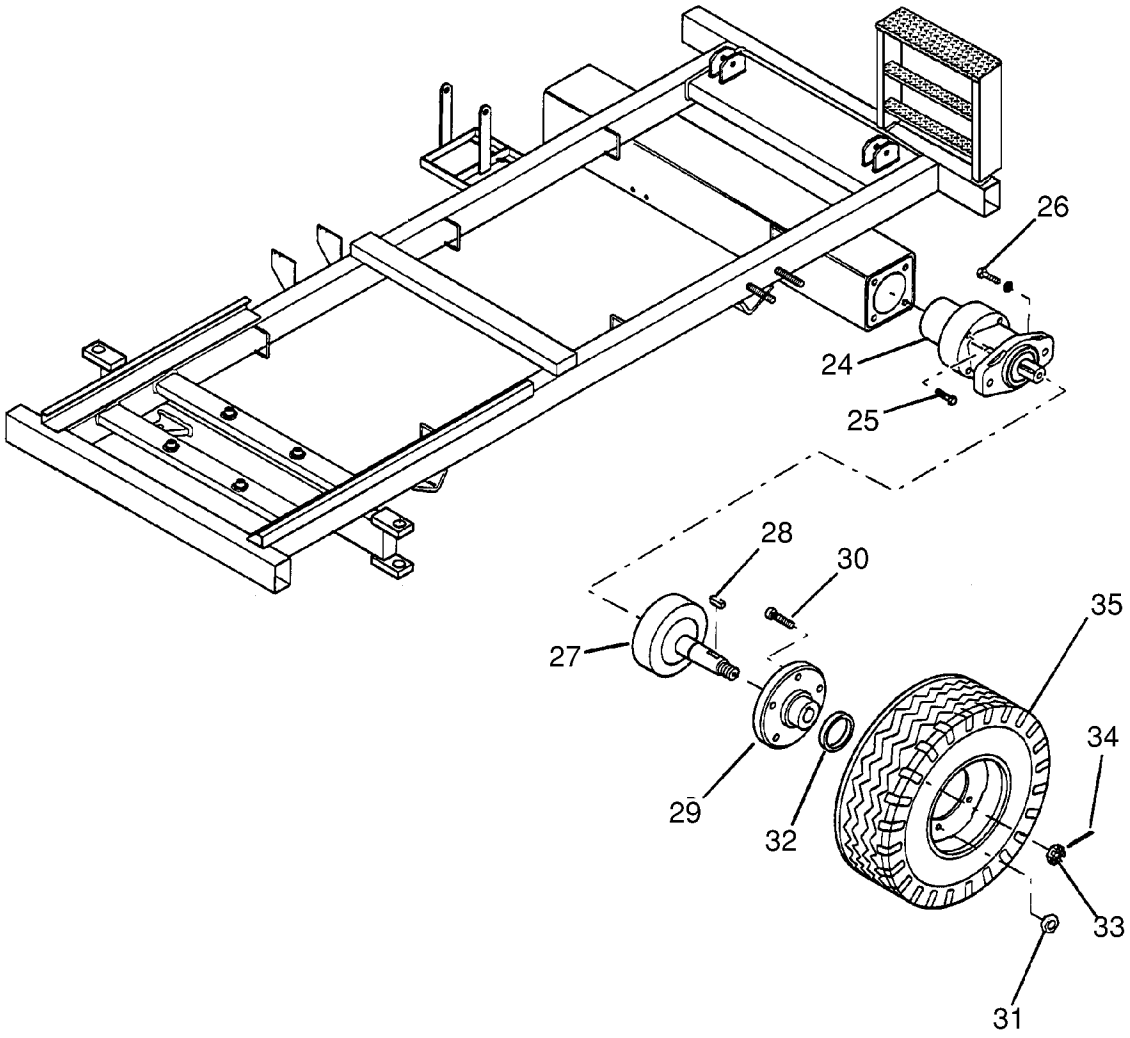


Ref.	Part No.	Description	Qty	Remarks
	3553960	Undercarriage Assembly	1	Includes Items 1 thru 49
1	2377600	Chassis Weldment	1	
2	2218300	Bracket, Motor Mounting, Right	1	
	2218290	Bracket, Motor Mounting, Left	1	
		Flange, Wheel Mounting	2	
		Stud, Wheel (front)	5	
3	07120500	Nut, Lug (front) (1/2-20)	5	
4	01205400	Motor, Front Drive	2	
	01205402	Key, Step (3/8" square, 1-1/8" long)	1	
	01205404	Nut, Castellated	1	
5	06040300	Adapter, "O" Ring	4	
6	07003093	Capscrew	8	
	07065018	Lockwasher	8	
7	2220150	Pin, Motor Bracket Retaining	4	
8	07104400	Capscrew	4	
9	08077800	Bushing, Spindle Pin	2	
10	08060400	Bushing, Spindle Pin	2	

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UNDERCARRIAGE ASSEMBLY

Ref.	Part No.	Description	Qty	Remarks
11		Wheel and Tire Assembly (Front)	2	
	3549330	Air Filled (standard)		
	3549350	Foam Filled (optional)		
	02102500	Wheel	1	
	02105600	Tire	1	
12	2219410	Rod, Tie	1	
13	08044400	End, Tie Rod	1	
	08044500	End, Tie Rod	1	
14	07047121	Nut, Jam	1	
15	07003133	Capscrew	2	
16	07050021	Locknut	2	
17	04027700	Steering Cylinder	1	See Page 3.18 for Details
18	04027701	Seal Kit	1	
19	2231160	Pin	2	
20	04027704	Pin, Cotter	2	
21	06309200	Restrictor	2	
	06003500	90° Elbow	1	
	06000400	Connector	1	
22	07030598	Stud, Wheel (1/2-20 x 1-7/8)	5	
23	2216400	Flange (1-1/2 tapered bore)	2	

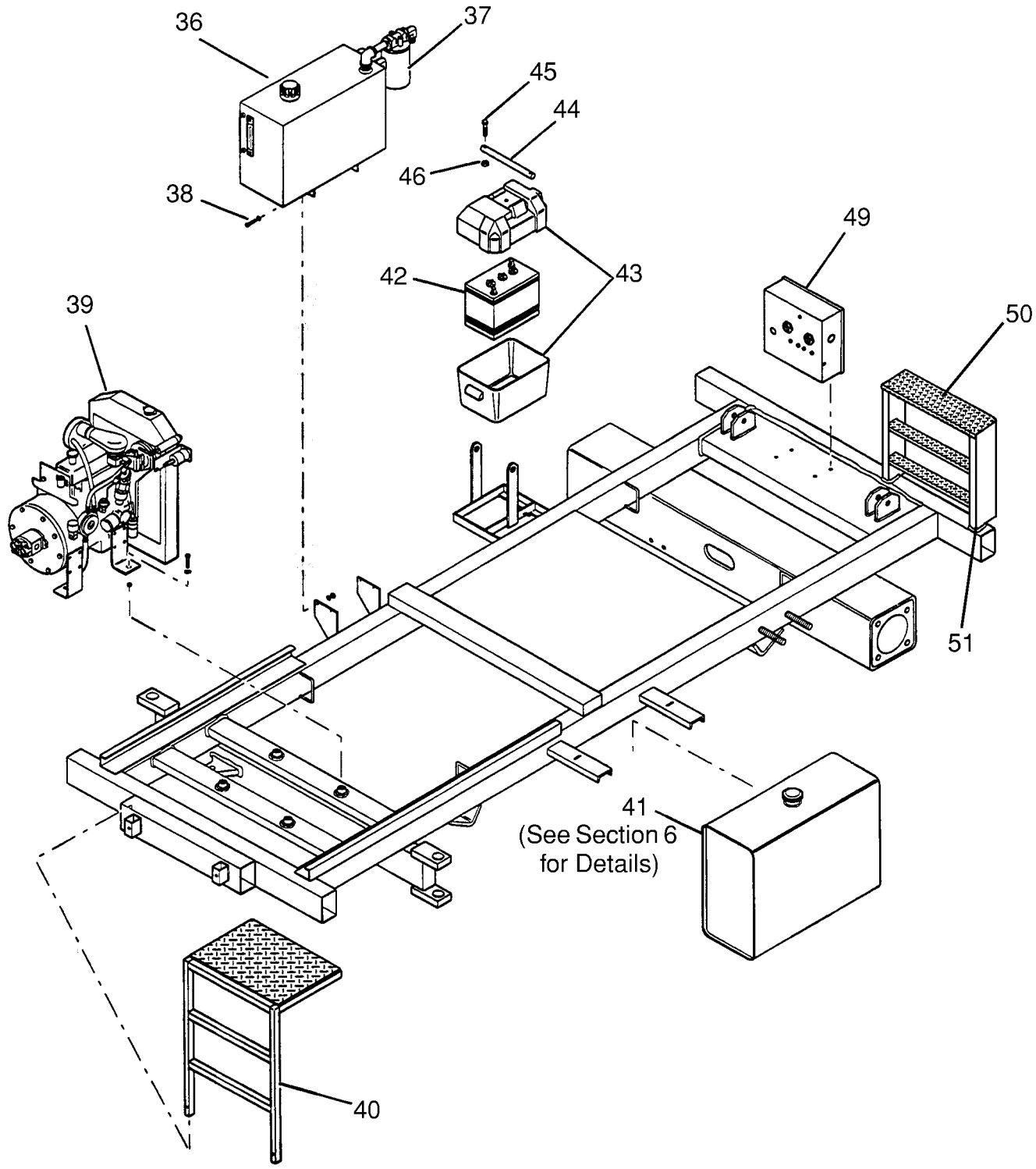


Ref.	Part No.	Description	Qty	Remarks
24	01108500	Motor, Drive	2	
	06045000	90° Elbow	4	
25	07004095	Capscrew	8	
	07065018	Lockwasher	12	
26	07004087	Capscrew	4	
27	01110900	Brake, Drive Motor	2	
	06044300	90° Elbow	2	
28	07102300	Key, Woodrull	1	
29	2216900	Flange, Wheel (Rear)	2	
30	07030598	Stud	5	
31	07058118	Lug Nut	5	
32	2219870	Spacer	2	
33	12100918	Nut, Castellated	2	
34	07070511	Pin, Cotter	2	
35		Wheel and Tire Assembly	2	See Page 3.2 for Details

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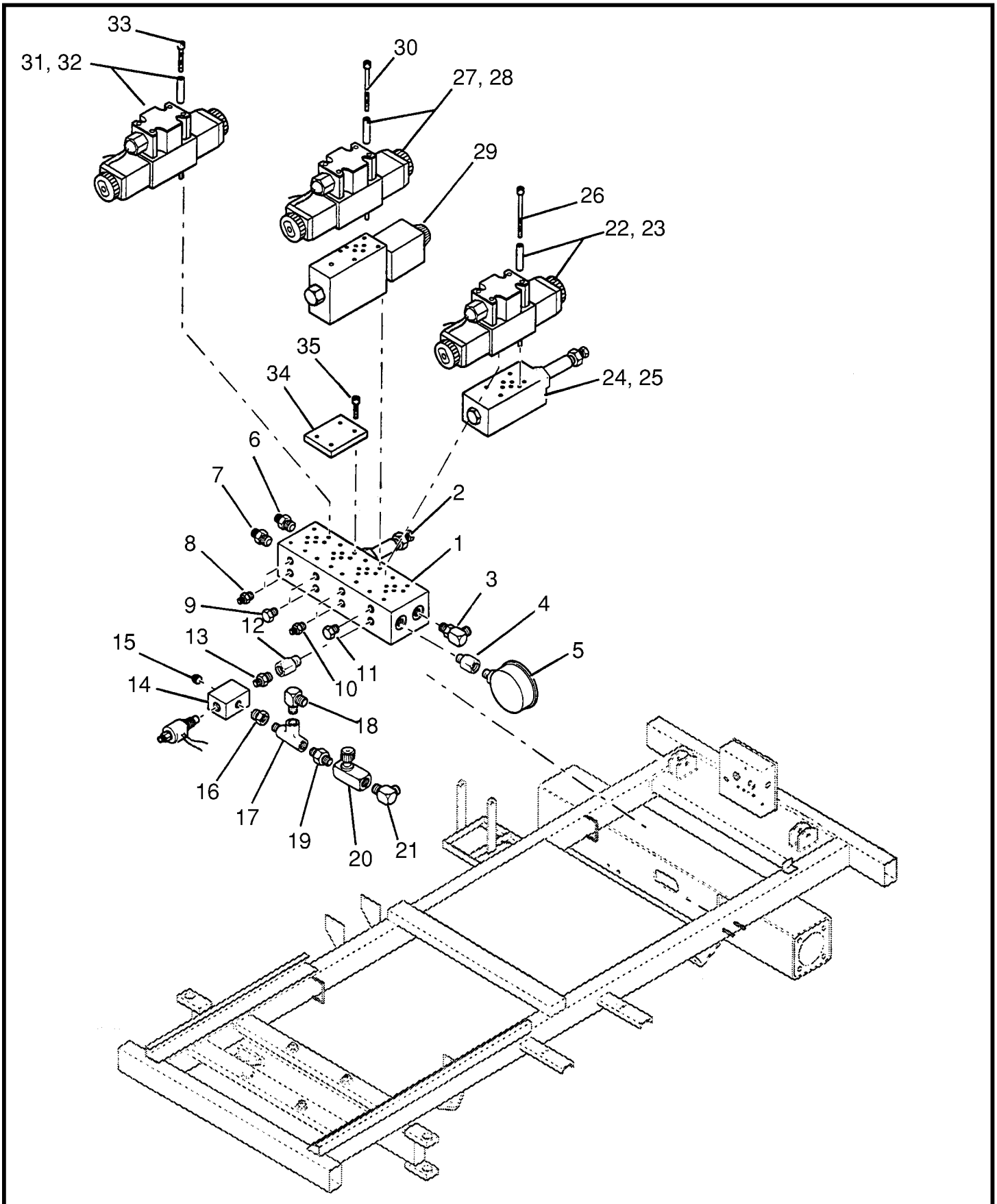
UNDERCARRIAGE ASSEMBLY



Ref.	Part No.	Description	Qty	Remarks
36	3553990	Hydraulic Tank Assembly	1	See Page 3.13 for Details
37	01081500	Element, Filter	1	
38	07050015	Capscrew (5/16-18 x 1)	4	
	07062015	Flatwasher (5/16)	8	
	07050015	Locknut (5/16-18)	4	
39	3554620	Engine Assembly	1	See Page 6.2 for Details
40	2230480	Engine Shield Weldment	1	
	07003006	Capscrew (1/4-20 x 1-1/4)	2	
	07065011	Lockwasher (#10)	2	
	07003046	Capscrew (3/8-16 x 1-1/4)	2	
	07050016	Locknut (3/8-16)	2	
41	3554500	Fuel Tank Assembly	1	See Page 6.4 for Details
	3554550	Propane Tank Assembly	1	See Page 6.5 for Details
42	03610200	Battery (12 Volt DC, 520 CCA)	1	
43	03600900	Enclosure, Battery	1	
44	2224880	Bar, Battery Locking	1	
45	07003006	Capscrew (1/4-20 x 1-1/4)	2	
46	07050014	Locknut (1/4-20)	2	
47	03072400	Cable (Red. Positive)	1	Not Shown
48	03070100	Cable (Black. Negative)	1	Not Shown
49	03753100	Ground Control Box	1	See Page 3.11 for Details
50	136104	Step, Weldment	1	Includes *
	136087	Side Plate, LH	1	*
	136088	Step	1	*
	136086	Side Plate, RH	1	*
	136091	Step	1	*
51	136105	Angle Bracket	1	

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TEREX AERIALS
MANIFOLD ASSEMBLY

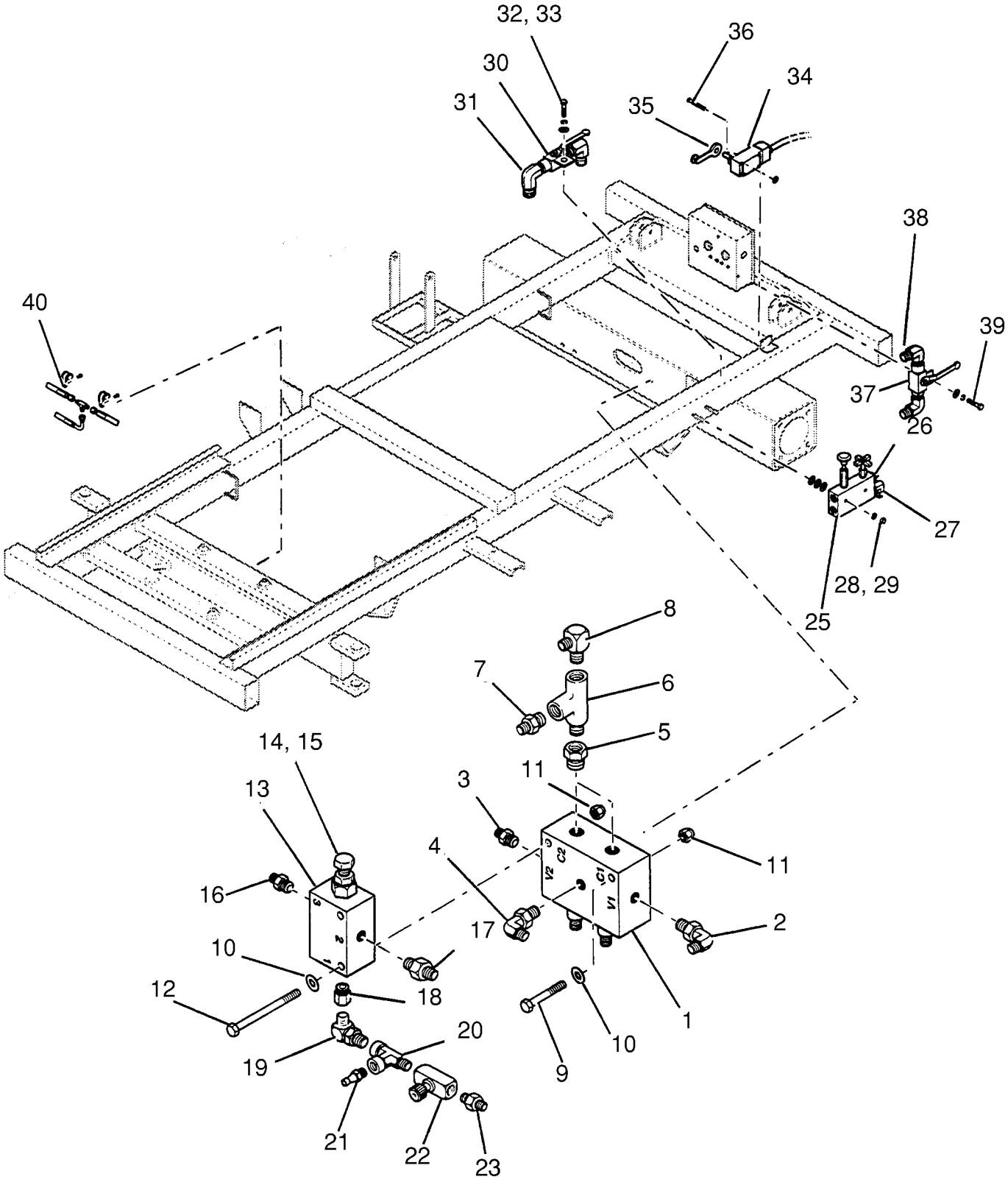


MANIFOLD ASSEMBLY

Ref.	Part No.	Description	Qty	Remarks
	3553980	Manifold Assembly	1	
1	01108600	Manifold, 4 Station	1	
	07003027	Capscrew, (5/16-18 x 1)	4	
	07062015	Lockwasher (5/16)	4	
2	01102300	Cartridge, Pressure Relief	1	
3	06044400	90° Elbow	1	
4	06086600	Adapter, O-Ring (4-6 C5OX-S)	1	
5	1021000	Gauge, Hydraulic Pressure	1	
6	06040600	Adapter, O-Ring (10-6 F5OX-S)	1	
7	06040200	Adapter, O-Ring (8-6 F5OX-S)	1	
8	06039500	Adapter, O-Ring (4-6 F5OX-S)	1	
9	24100842	Fitting	1	
10	06040200	Adapter, O-Ring (6-1/4 F5OG-S)	1	
11	24100842	Plug (6MB)	1	
12	06086600	Adapter, O-Ring (6-1/4 F5OG-s)	1	
13	06216500	Reducer/Expander	1	
14	01246800	Valve, Holding	1	
15	06079900	Plug, Hex Socket	1	
16	06070700	Reducer, Pipe Thread	1	
17	06074700	Street Tee	1	
18	06003500	90° Elbow	1	
19	06076900	Nipple, Pipe Thread	1	
20	01101300	Valve, 2-way Flow Control	1	
21	06003800	90° Elbow	1	
22	01109300	Valve, Directional	1	
23	01107800	Coil, Lift/Lower Valve	2	
24	01113400	Valve, Relief	1	
25	01102300	Cartridge, Pressure Relief	1	
26	07008360	Capscrew, (#10-24 x 2-3/4)	4	
27	01109500	Valve, Directional	1	
28	01109501	Coil, Drive Valve	2	
29	01105400	Valve, Proportional Flow	1	
	01105404	Seal Kit	1	
	01105401	Valve, Differential Control	1	
	01105402	Cartridge, Proportional Flow Valve	1	
	01105405	Coil, Proportional Flow Valve	1	
30	07125200	Capscrew	4	
31	01109400	Valve, Directional (Steer)	1	
32	01109401	Coil, Steer Valve	2	
33	07008354	Capscrew	4	
34	16100027	Plate, Backing	1	
35	07008350	Capscrew	4	

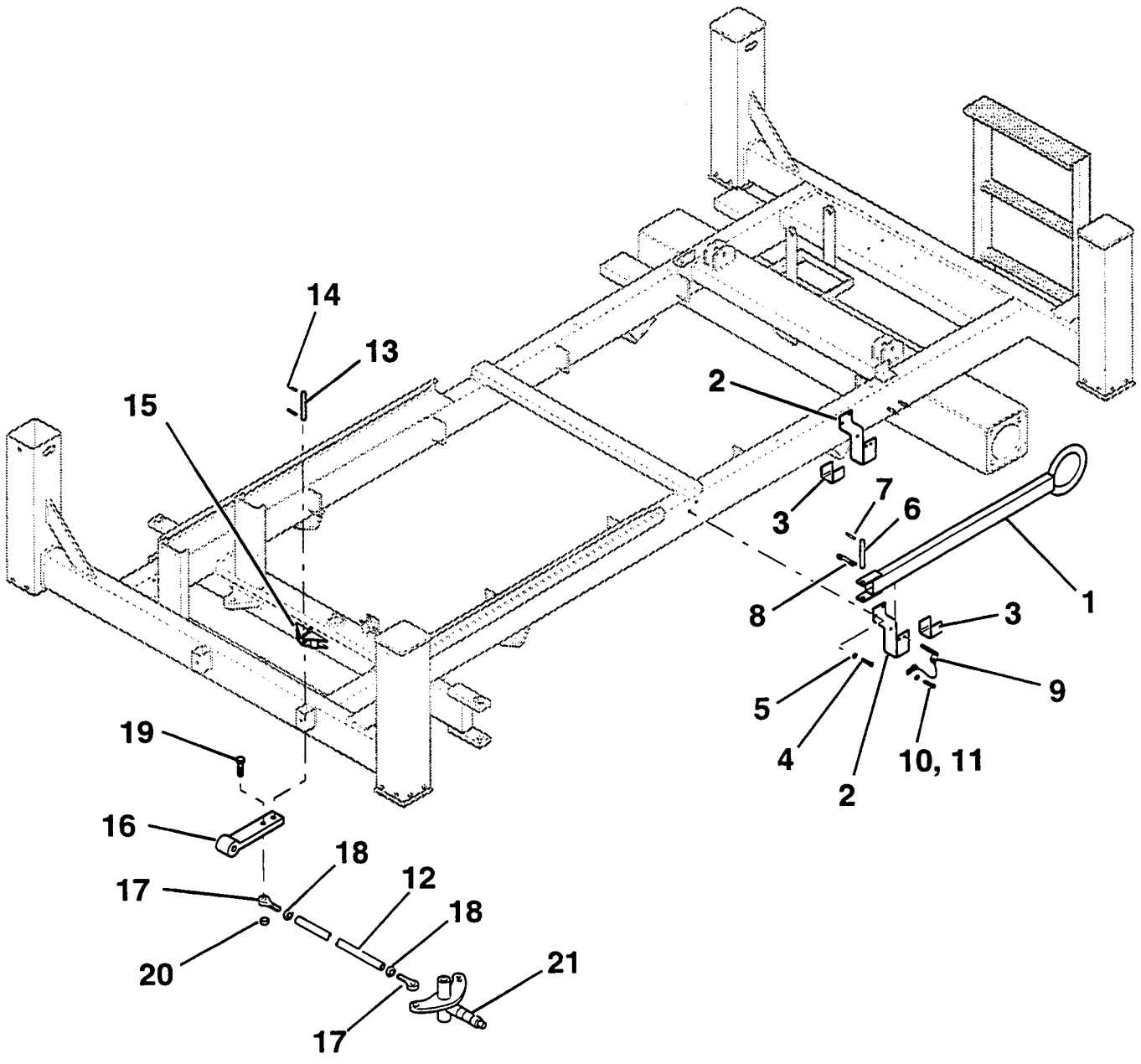
TEREX AERIALS

MANIFOLD ASSEMBLY



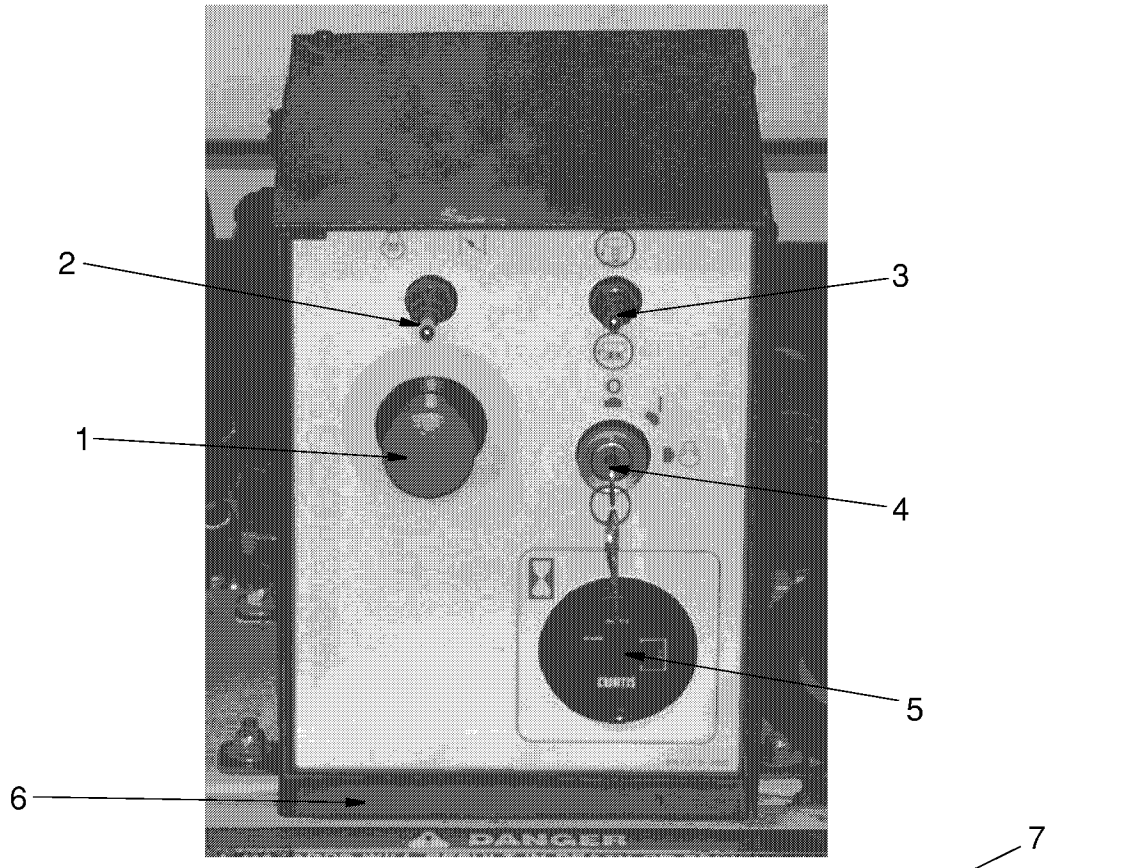
Ref.	Part No.	Description	Qty	Remarks
1	01012400	Valve, Motion Control	1	
2	06045000	90° Elbow	1	
3	06040300	Adapter	1	
4	06044300	90° Elbow	1	
5	06304400	Adapter	1	
6	06074900	Street Tee	1	
7	06001300	Connector	1	
8	06216300	90° Elbow	1	
9	07003029	Capscrew	1	
10	07062015	Flatwasher	2	
11	07050015	Lockwasher	2	
12	07003032	Capscrew	1	
13	01012800	Valve, Pressure Reducing	1	
14	01012801	Seal Kit	1	
15	01012802	Cartridge	1	
16	06039500	Adapter	1	
17	06039900	Adapter	1	
18	06086800	Adapter	1	
19	06082500	90° Elbow	1	
20	06074700	Street Tee	1	
21	24100842	Fitting, Diagnostic	1	
22	01101400	Valve, One Way Flow Control	1	
23	06000400	Connector	1	
24	01209800	Manifold, Brake Release	1	
25	01209801	Valve, Needle	1	
	01209801	Pump, Hand	1	
	01209803	Knob, Hand Pump	1	
	01209802	Seal Kit	1	
26	06039500	Adapter	1	
27	06044400	90° Elbow	1	
28	07050015	Locknut	2	
29	07062015	Flatwasher	8	
30	2220160	Valve, Emergency Lowering Valve	1	
31	06003500	90° Elbow	2	
32	07003023	Capscrew	1	
33	07062015	Flatwasher	1	
34	03493700	Switch, Limit	1	
	03700400	Grip, Cord	1	
		Cable, Electrical	10 ft	
	03085200	SJO, 2 conductor, without travel alarm		
	03085100	SJO, 3 condutor, with travel alarm		
35	03612100	Lever, Limit Switch	1	
36	07011419	Machine Screw	2	
	07065011	Lockwasher	2	
37	2220160	Valve, Emergency Lowering Valve	1	
38	0603500	90° Elbow	2	
39	07003023	Capscrew	1	
	07062015	Flatwasher	2	
	07050015	Locknut	1	
40	06021000	Union Tee	1	
	10231500	Clamp #14	2	
	07029365	Screw	1	
41	3549460	Hose Kit	1	Not Shown

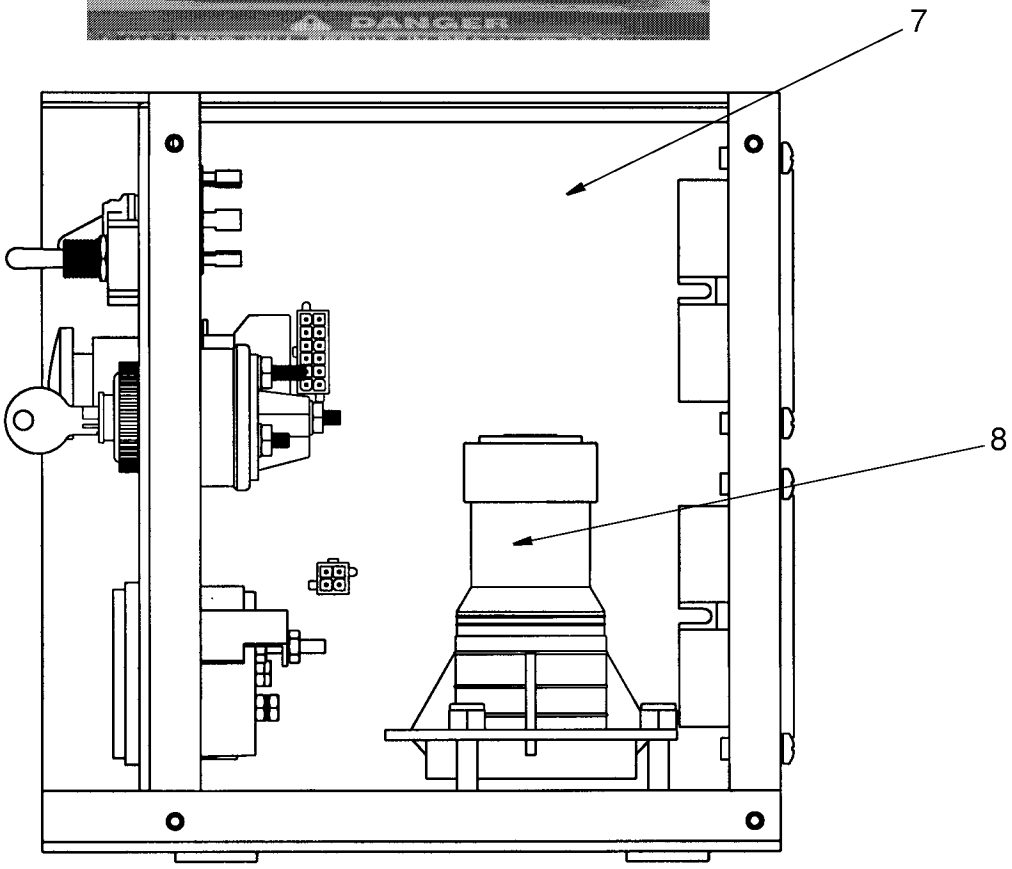
TEREX AERIALS
TOW BAR OPTION



Ref.	Part No.	Description	Qty	Remarks
1	2229110	Bar, Tow	1	
2	2231270	Bracket, Tow Bar Mounting	2	
3	2231340	Pad, Cushion (Rubber, 2” x 6-3/4 x 1/8”)	2	
4	07003023	Capscrew (5/16”-18 x 3/4”)	4	
5	07065015	Lockwasher (5/16”)	4	
6	2119100	Pin, Tow Bar Retaining	1	
7	07100000	Pin, Roll (5/16” x 2”)	1	
8	42101060	Clip, Hairpin (1/8” x 2-1/2”)	1	
9	07107400	Pin, Quick Release (3/8” x 3-1/2”)	2	
10	07107500	Washer, Sealing (#10 x 5/8”)	2	
11	10155553	Screw, Self Tapping (#10 x 1/2”)	2	
12	2229090	Arm, Pivot	1	
13	2220970	Pin, Pivot Arm (1” x 3-3/4”)	1	
14	07100000	Pin, Roll (5/16” x 2”)	2	
15	2223940	Bracket, Pivot Arm	1	
16	2220900	Tie Rod	1	
17	08044400	End, Tie Rod (5/8”-18)	2	
18	07047121	Jamnut (5/8”-18)	2	
19	07003133	Capscrew (5/8”-11 x 3”)	1	
20	07050021	Locknut (5/8”-1)	1	
21	2228470	Spindle Weldment (Left)	1	

TEREX AERIALS
GROUND CONTROL BOX

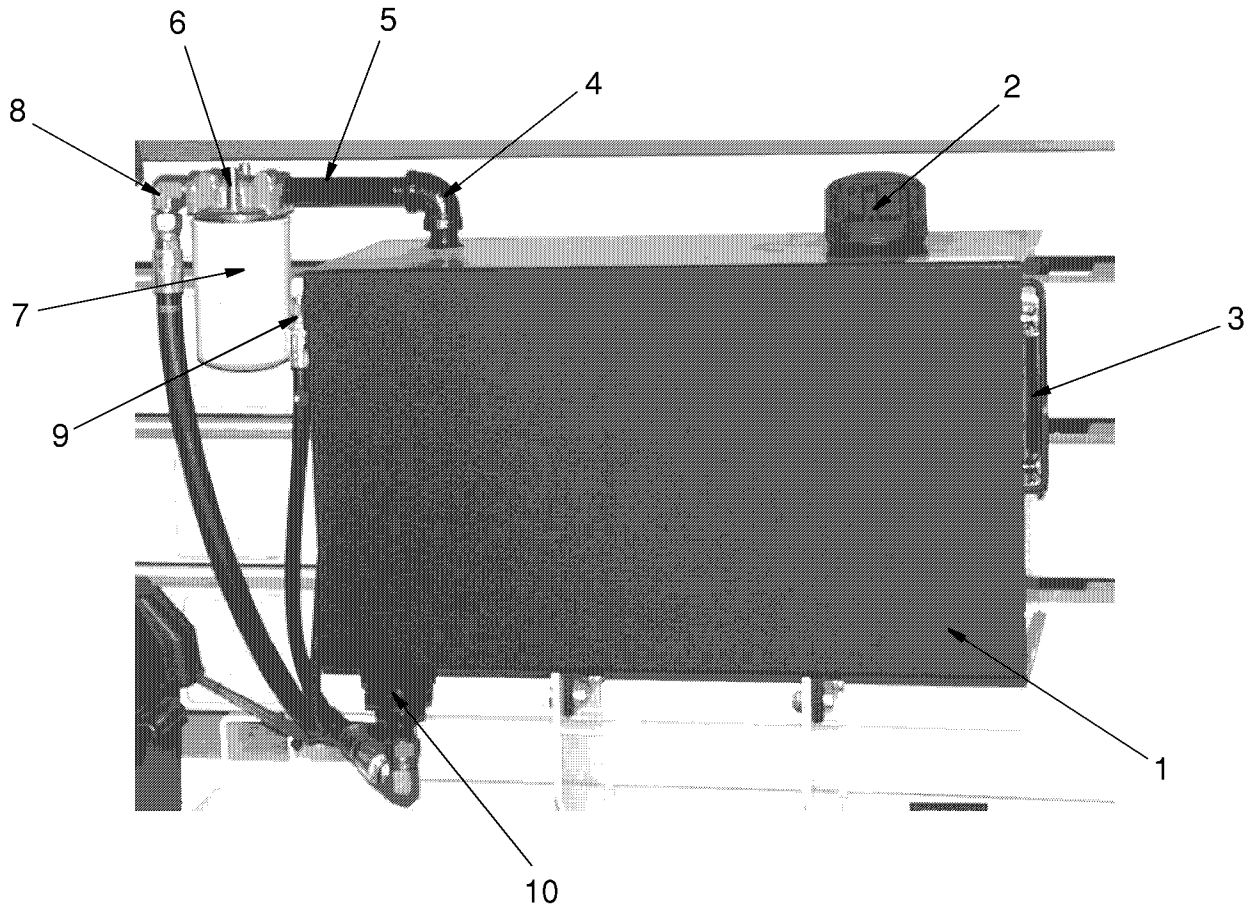




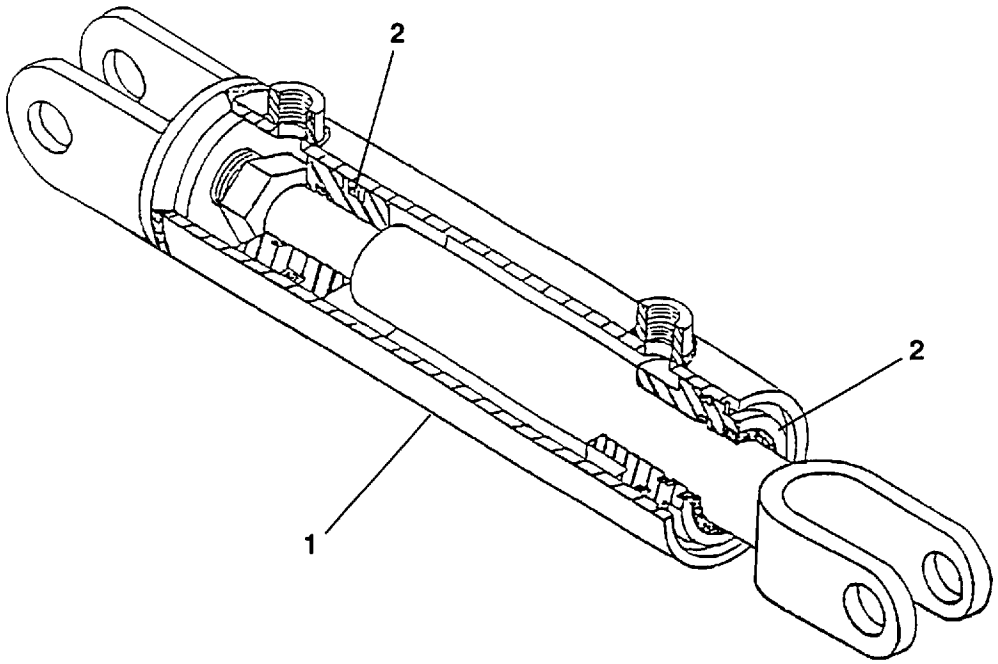
Ref.	Part No.	Description	Qty	Remarks
	03753100	Lower Control Box	1	
1	69166	Emergency Stop Switch	1	
	601020	Cap, Push/Pull	1	
	601021	Contact Block	1	
2	69164	Choke Switch (Gas or Duel Fuel Engines)	1	
3	69164	Platform Lowering Switch	1	
4	2717	Stop/Start Switch	1	
5		Hour Meter	1	
6		Enclosure	1	
7		Relay Card	1	
8	601142	Slope Sensore	1	

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TEREX AERIALS
HYDRAULIC TANK



Ref.	Part No.	Description	Qty	Remarks
	3553990	Hydraulic Tank Assembly	1	
1	2232580	Tank	1	
2	01097800	Cap	1	
3	01074100	Gauge, Fluid Level	1	
4	11050004	90° Street Elbow	1	
5	11209100	Nipple, Pipe	1	
6	01081500	Filter, Bypass	1	
7		Element, Filter	1	
8	06400900	90° Elbow	1	
9	06004000	90° Elbow	1	
	11303000	Pipe Plug	2	
	06216400	90° Elbow	1	
10	01104200	Strainer, Suction	1	
	11062200	Bushing, Reducer	1	
	06001800	Connector	1	

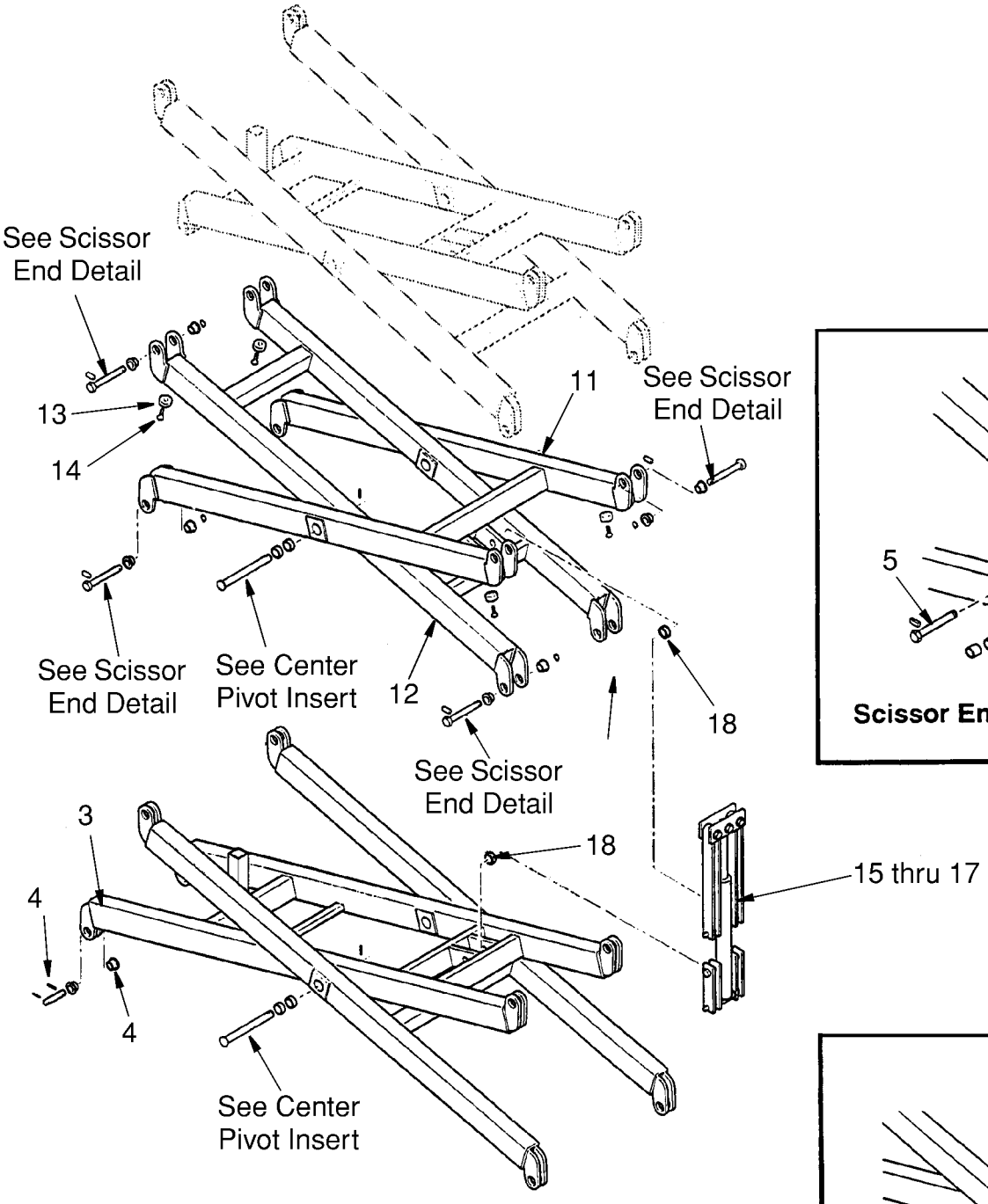


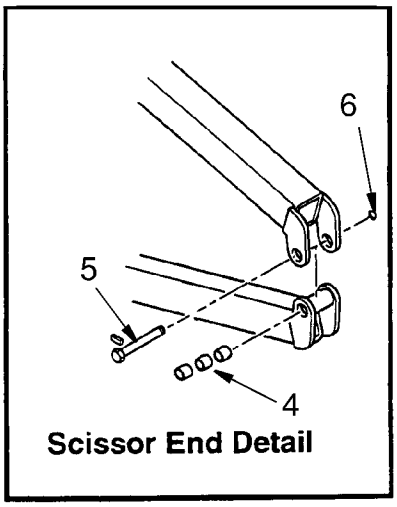
Ref.	Part No.	Description	Qty	Remarks
1	04027700	Cylinder, Steering	1	
2	04027701	Seal Kit	1	

SECTION 4 “SCISSORS” CONTAINS:

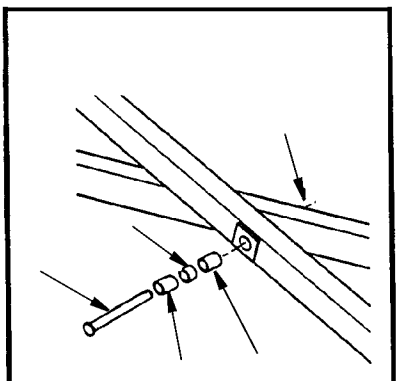
PAGE	TITLE
4.2	SCISSOR ASSEMBLY
4.10	UPPER LIFT CYLINDER ASSEMBLY
4.12	LOWER LIFT CYLINDER ASSEMBLY
4.14	UPPER LIFT CYLINDER
4.15	LOWER LIFT CYLINDER

TEREX AERIALS
PARTS MANUAL

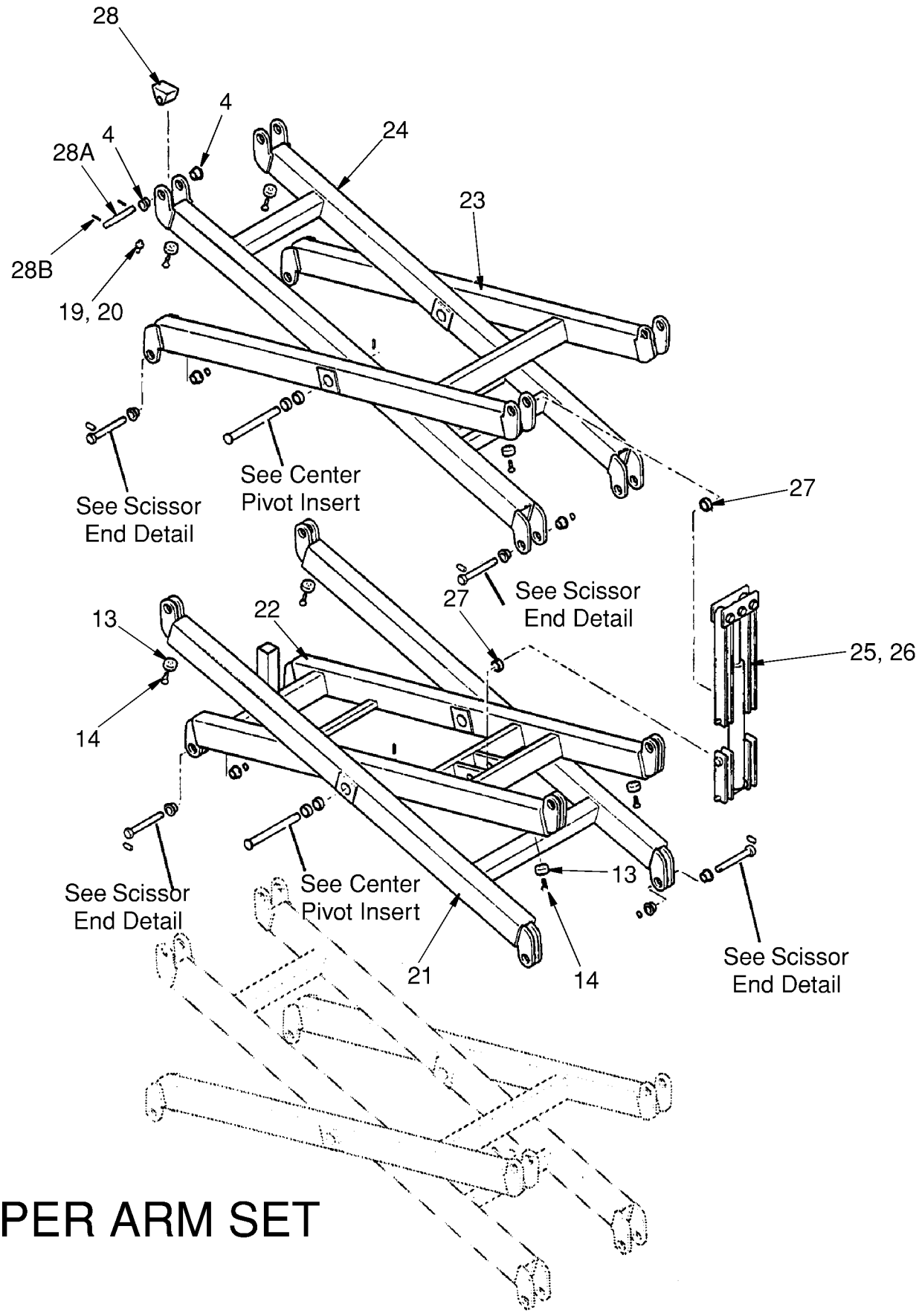




Scissor End Detail


Center Pivot Detail

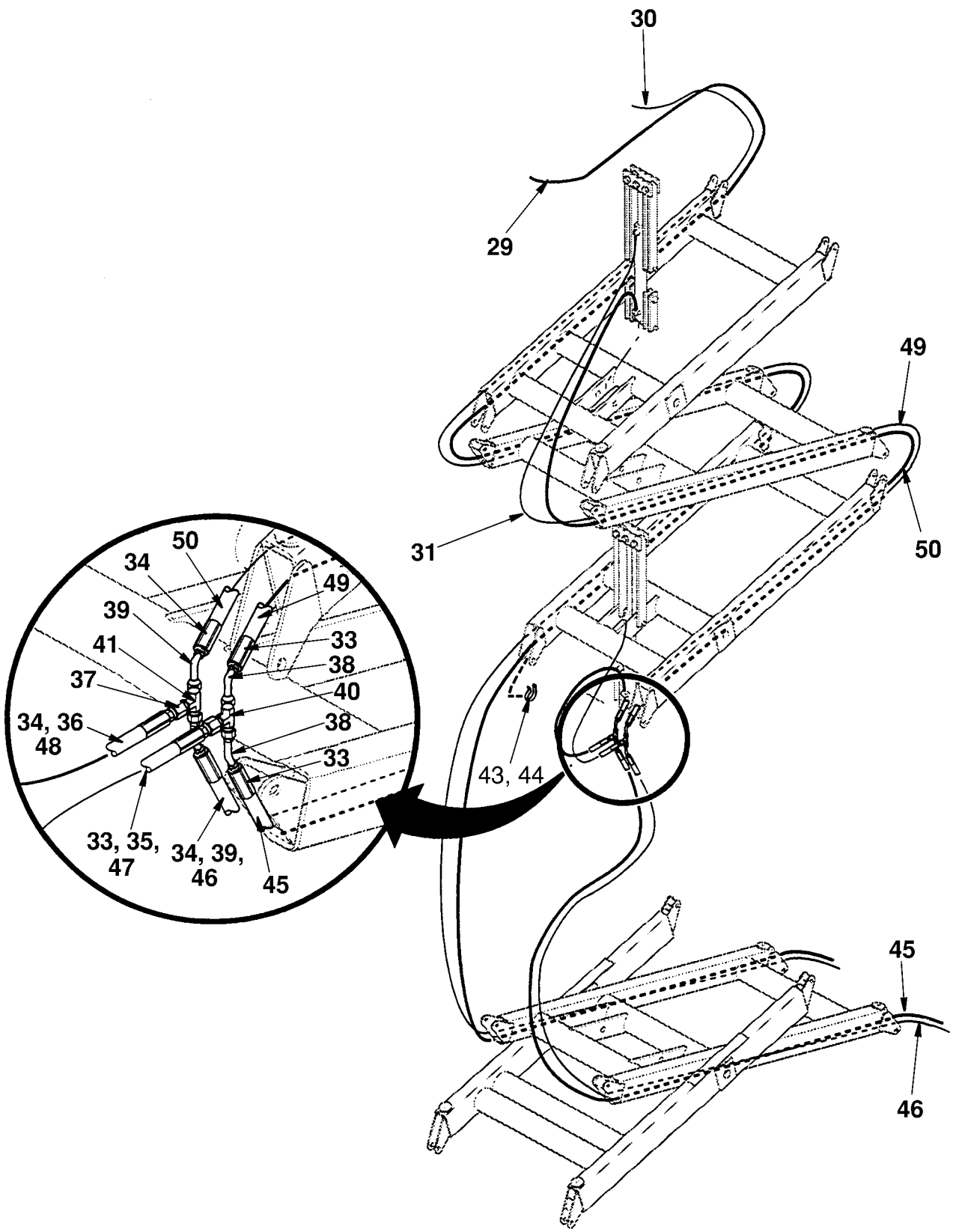
LOWER ARM SET



UPPER ARM SET

TEREX AERIALS
PARTS MANUAL

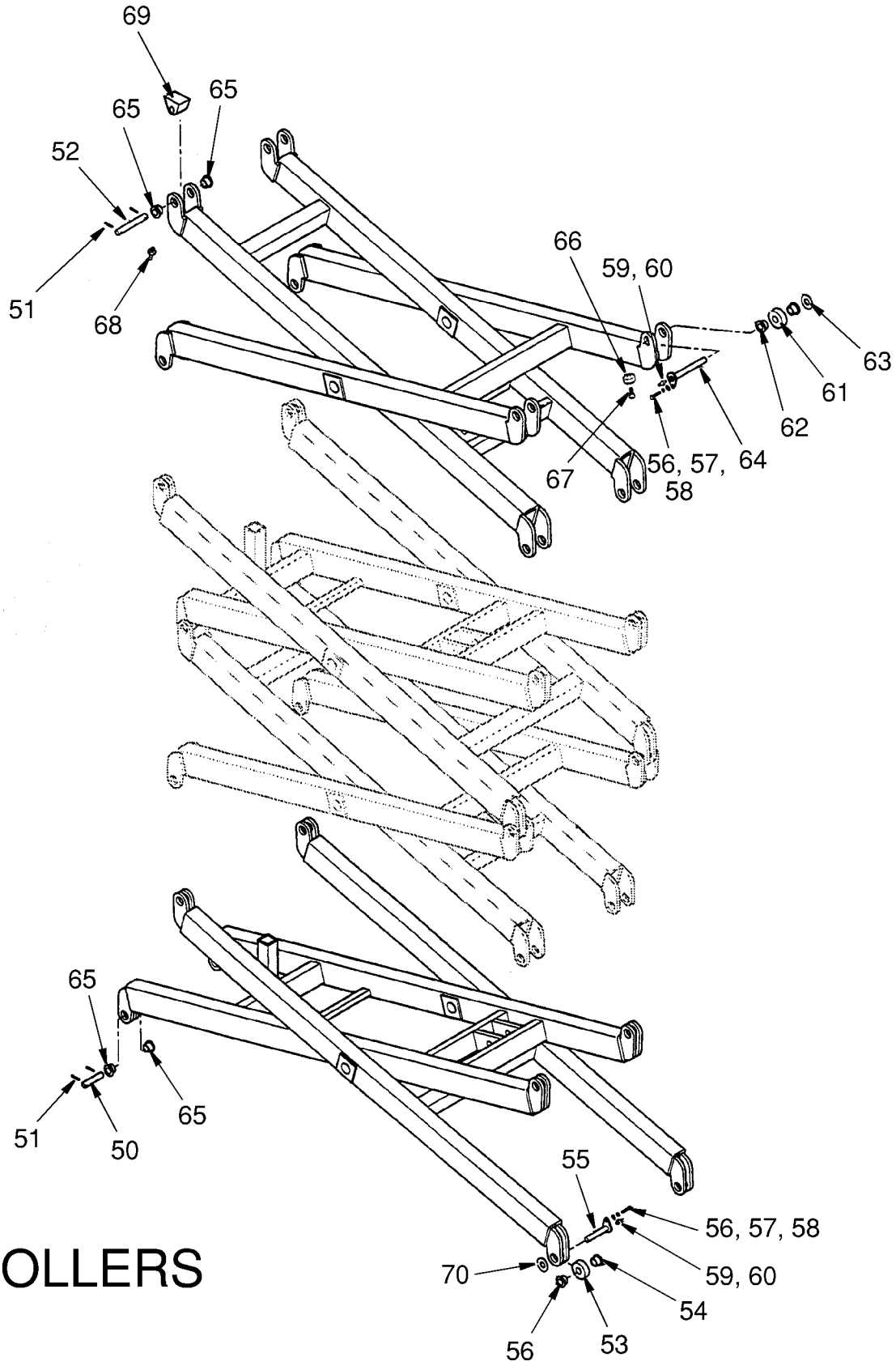
Ref.	Part No.	Description	Qty	Remarks
	3543320	Scissors Arm Set Assembly	1	
1	3547940	Scissors Arm Assembly	1	
2	2230350	Outer Arm Weldment	1	
3	2370120	Inner Arm Weldment	1	
4	08082600	Bushing	32	
5	2370110	Pin (Arm to Arm Connecting)	12	
6		Ring, Snap	A.R.	
7	08082800	Bushing (1-1/2 O.D., 1-1/2 Long)	16	
8	08082700	Bushing (1-1/3 O.D., 1 Long)	8	
9	2370100	Pin, Center	8	
10	2364130	Roll Pin (3/8" x 3")	8	
11	2230360	Outer Arm Assembly	1	
12	2370130	Inner Arm Assembly	1	
13	10214600	Bumper (Nylon)	12	
14	07015003	Machine Screw, 1/4"-20 x 3/4"	12	
15	3548920	Lower Lift Cylinder Assembly	1	See Page 4.12 for Details
	04052515	Cylinder, Lift	1	
	03611500	Fuse, Velocity	1	
16	06039300	Adapter, "O"-Ring to 37°	1	
17	06051600	90° Elbow, Swivel Nut	1	
18	7120100	Bushing (Fibre Glide)	4	
19	11201400	Fitting, Grease	14	
20	08066300	Cap, Grease Fitting	14	
21	2230350	Outer Arm Weldment	1	
22	2370140	Inner Arm Weldment	1	
23	2230360	Outer Arm Weldment	1	
24	2370150	Inner Arm Weldment	1	
25	3548930	Upper Lift Cylinder Assembly	1	See Page 4.10 for Details
	04052600	Cylinder, Lift	1	
	03611700	Fuse, Velocity	1	
26	06039300	Adapter, "O"-Ring to 37°	1	
27	07120100	Bushing (Fibre Glide)	4	
28	2216850	Ear, Scissor Mounting	2	
28A	2219130	Pin	1	
28B	07100000	Spring Pin	1	


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TEREX AERIALS
PARTS MANUAL

Ref.	Part No.	Description	Qty	Remarks
	3543320	Scissor Arm Assembly (continued)		
29		Cable, Electrical (16 Conductor)	A.R.	
30		Hose, Hydraulic (3/8")	A.R.	
31		Hose, Hydraulic (1/4")	A.R.	
32	3543450	Hose Kit	1	Includes Items 32 thru 44
33	06000030	Ferrule, Hose End (6MP 3KPCA)	6	
34	06155200	Ferrule, Hose End (4MP 3KPCA)	6	
35	06144900	Straight Fitting, Hose End (6-6 FJX-S)	2	
36	06145200	Straight Fitting, Hose End (6-8 FJX-S)	2	
37	06144300	Straight Fitting, Hose End (4-4 FJX-S)	4	
38	06212500	45° Fitting, Hose End (4C2-4 FJX-S)	2	
39	06212400	45° Fitting, Hose End (6C2-4 FJX-S)	2	
40	06021000	Union Tee, 37° Male (6 JTX-S)	2	
41	06020800	Union Tee, 37° Male (4 JTX-S)	1	
42	16800482	Valve, Check (free flow, one way)	2	Not Shown
43	08800615	Clamp, Hose (8-3/8" to 8-1/4")	16	
44	10800616	Screw	16	

Key No.	Hose From:	Hose To:	Size:	Ferrule (Need 2)	Fitting (End 1)	Fitting (End 2)
45 **46**	Bottom of scissors	Union tee	3/8" x 9 ft 10 in (2.95 m) 1/4" x 19 ft 4 in (5.80 m)	Item **33** (2) Item **34** (2)	Item **35** Item **37**	Item **38** Item **39**
47 **48**	Union tee	Bottom cylinder	3/8" x 41 in (1.02 m) 1/4" x 66 in (1.65 m)	Item **33** (2) Item **34** (2)	Item **35** Item **37**	Item **36** Item **37**
49 **50**	Union tee	Top cylinder	3/8" x 19 ft 7 in (5.88 m) 1/4" x 18ft 11in (5.68m)	Item **33** (2) Item **34** (2)	Item **38** Item **39**	Item **36** Item **37**


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ROLLERS

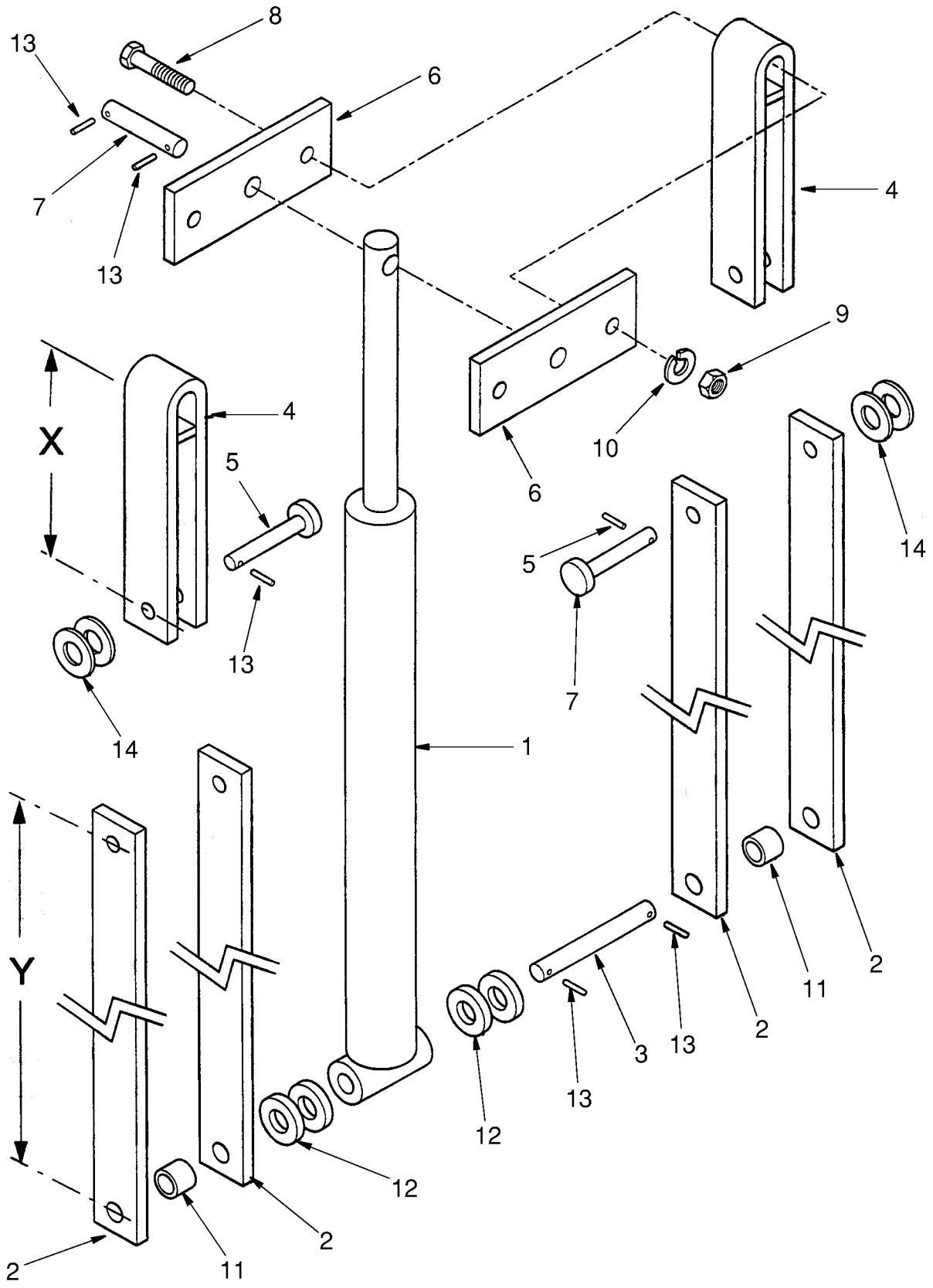
TEREX AERIALS
PARTS MANUAL

Ref.	Part No.	Description	Qty	Remarks
	3543320	Scissor Arm Assembly (continued)		
50	2219140	Pin	2	
51	07100000	Spring Pin	4	
52	2219130	Pin	2	
53	2216730	Roller, Lower Scissor Arm	2	
54	08077600	Bushings, Flanged	1	
55	2231710	Pin, Lower Scissor Arm Roller	2	
56	07003045	Capscrew, 3/8-16 x 1	2	
57	07065016	Washer, Helical Lock, 3/8	2	
58	07062014	Flatwasher	2	
59	08075400	Fitting, Grease	4	
60	08066300	Cover, Grease Fitting	4	
61	2314200	Roller, Upper Scissor Arm	2	
62	08104600	Bushing	4	
63	2232700	Spacer Pin	2	
64	2211730	Pin, Upper Scissor Arm Roller	2	
65	08082600	Bushing	2	
66	10214600	Bumper (Nylon)	1	
67	07015003	Machine Screw, 1/4-20 x 3/4	1	
68	11201400	Fitting, Grease	14	
	08066300	Cap, Grease Fitting	14	
69	2216850	Ear, Scissor Mounting	2	
70		Washer	2	

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TEREX AERIALS

UPPER LIFT CYLINDER



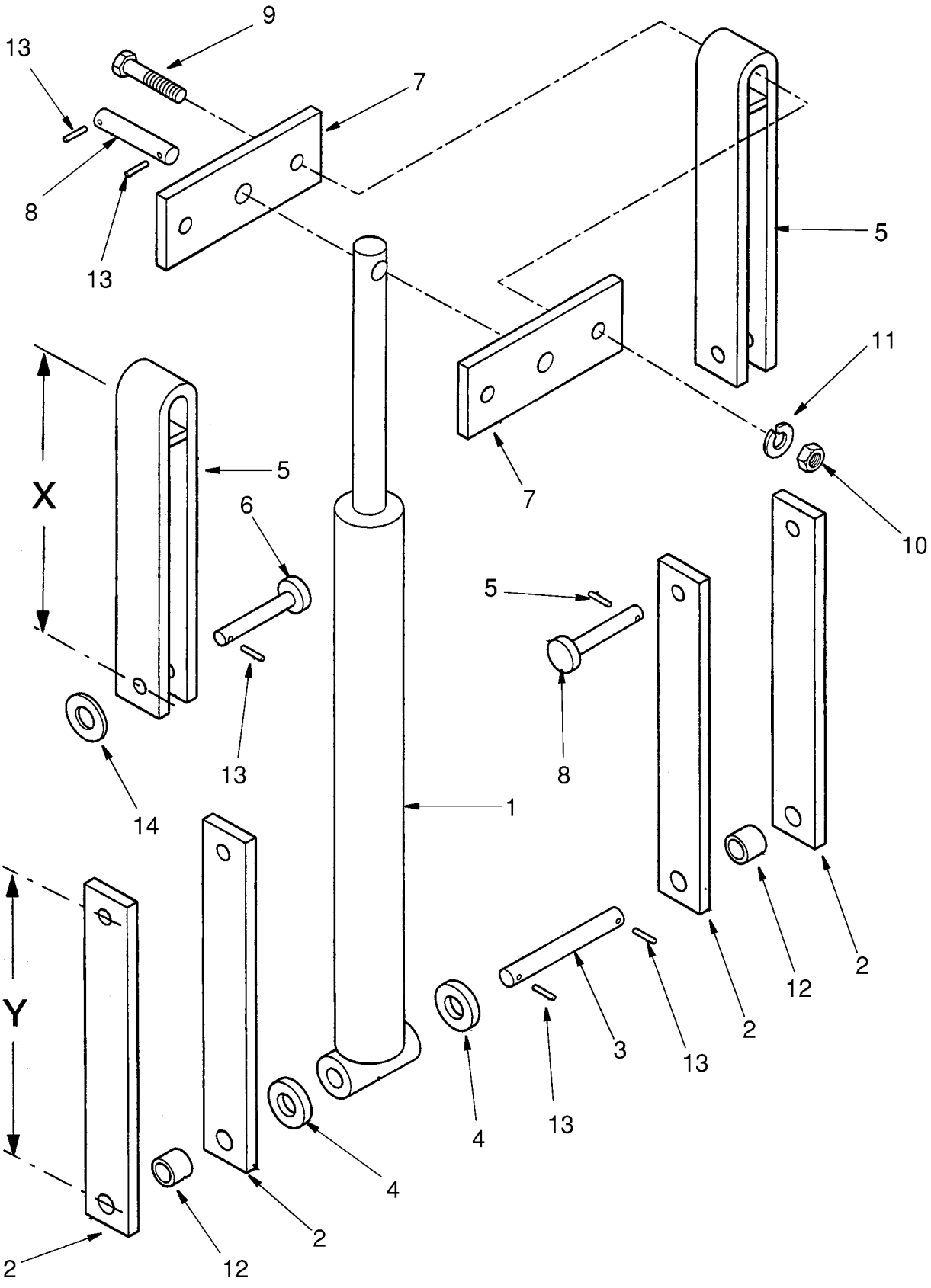
Ref.	Part No.	Description	Qty	Remarks
	3548930	Upper Lift Cylinder Assembly	1	Includes Items 1 thru 14
1	04052600	Cylinder, Upper Lift	1	See Page 4.14 for Details
2	2211820	Strap (Ref. Y=25-3/4")	4	
3	2367160	Pin	1	
4	2367180	Clevis (Ref. X=6.38")	1	
5	2367230	Pin, Clevis	4	
6	2367210	Plate, Lift Cylinder Yoke	2	
7	2367240	Pin	1	
8	07122900	Capscrew, 1"-8 x 4 1/2	2	
9	07090011	Nut, Stop 1"-8	2	
10	07090010	Washer, Helical Lock	2	
11	2212130	Spacer	2	
12	1209-70	Flatwasher	4	
13	07100000	Roll Pin, 5/16" x 2"	8	
14	07061022	Flatwasher	4	

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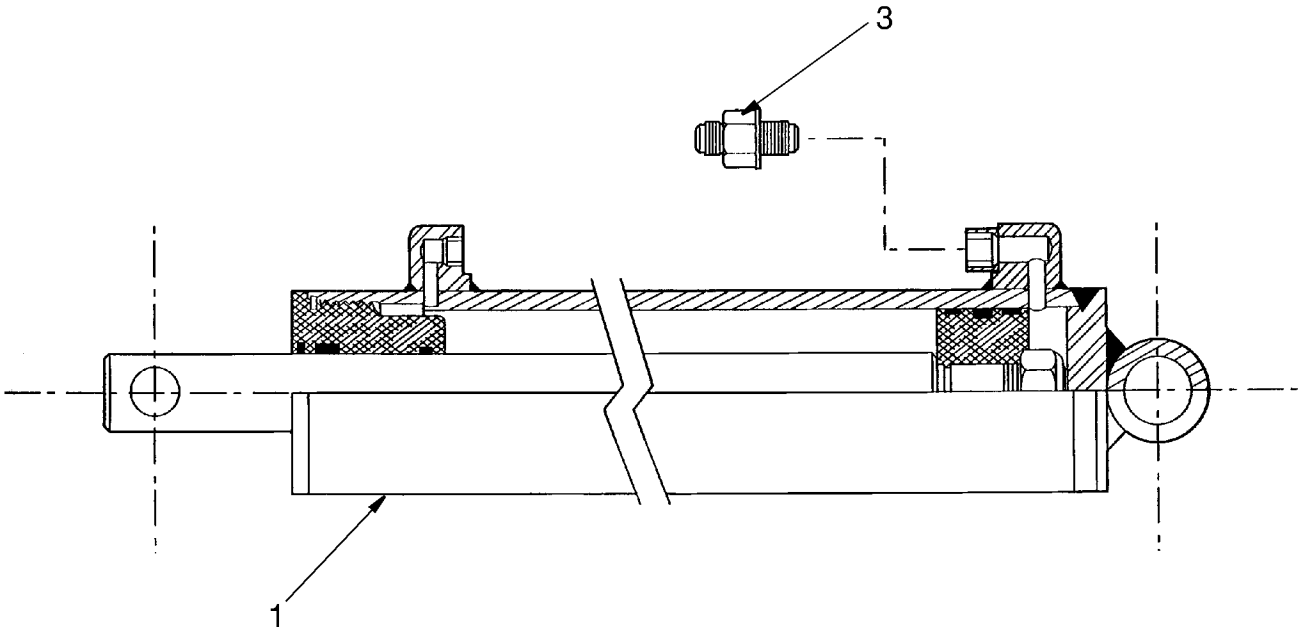
TEREX AERIALS

LOWER LIFT CYLINDER

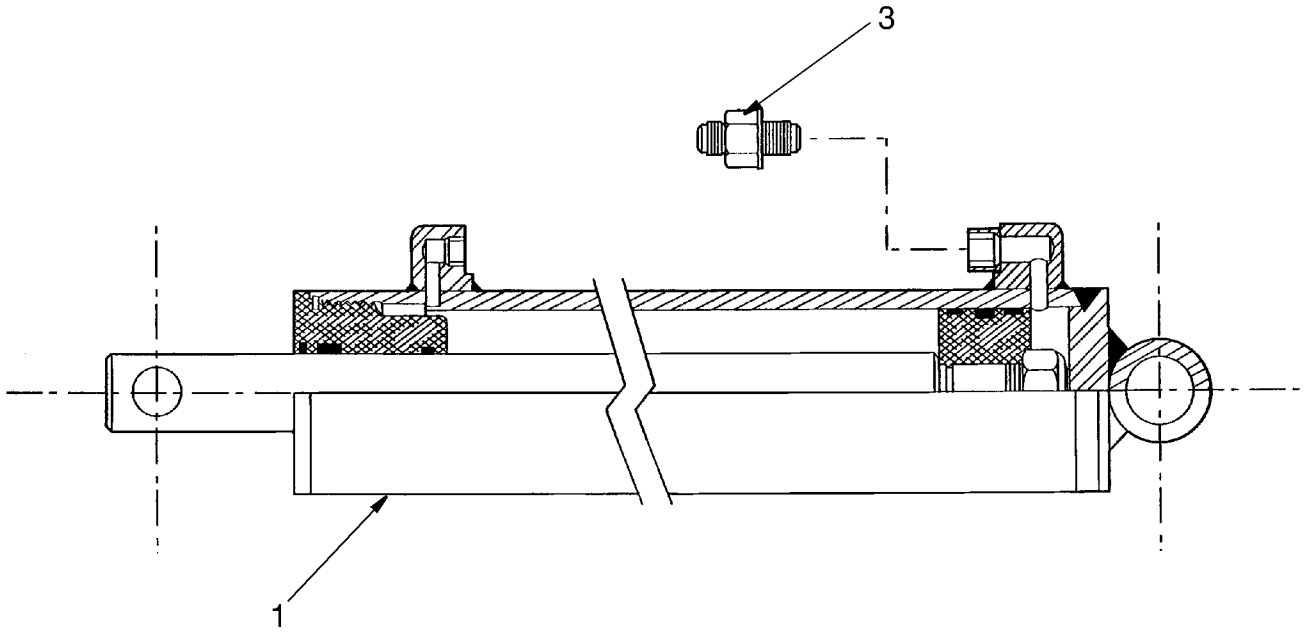


Ref.	Part No.	Description	Qty	Remarks
	3548920	Lower Lift Cylinder Assembly	1	Includes Items 1 thru 14
1	04052515	Lift, Cylinder	1	See Page 4.15 for Details
2	2367150	Strap (Ref. Y=13-7/8")	4	
3	2367170	Pin	1	
4	1209-70	Flatwasher	2	
5	2367190	Clevis (Ref. X=18-3/8")	2	
6	2367230	Pin, Clevis	4	
7	2367220	Plate	2	
8	2367240	Pin	1	
9	07122900	Capscrew	2	
10	07090011	Nut, Stop	2	
11	07090010	Washer, Helical Lock	2	
12	2212130	Spacer	2	
13	07100000	Roll Pin	8	
14	07061022	Flatwasher, 3/4" SAE	2	

TEREX AERIALS
PARTS MANUAL



Ref.	Part No.	Description	Qty	Remarks
1	04052600	Cylinder, Upper Lift	1	
2	04052601	Seal Kit	1	
3	03611700	Fuse, Velocity	1	

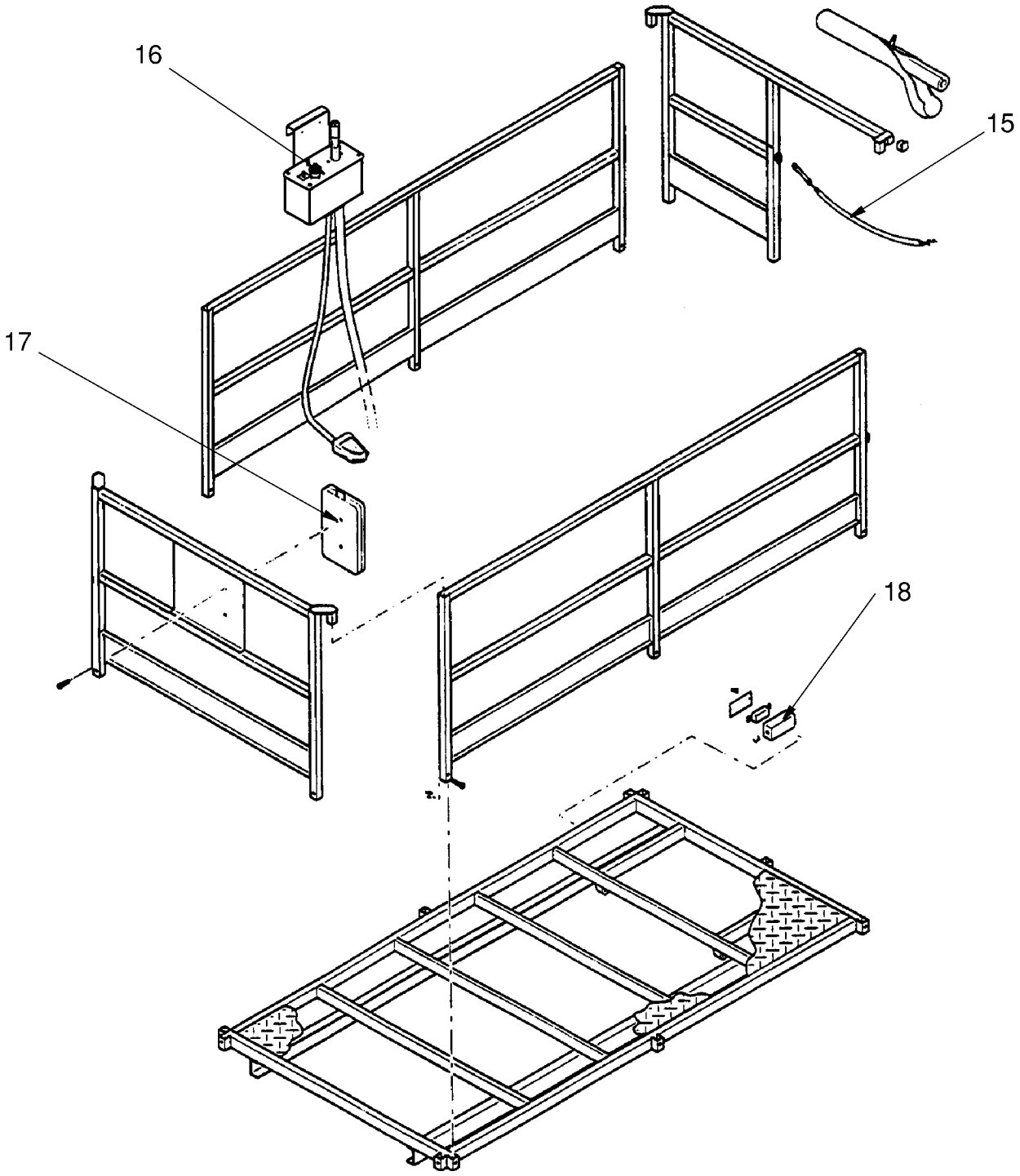


Ref.	Part No.	Description	Qty	Remarks
1	04052515	Cylinder, Lower Lift	1	
2	04052501	Seal Kit	1	
3	03611500	Fuse, Velocity	1	

SECTION 5 “PLATFORM” CONTAINS:

PAGE	TITLE
5.2	PLATFORM ASSEMBLY
5.4	AERIAL CONTROL BOX

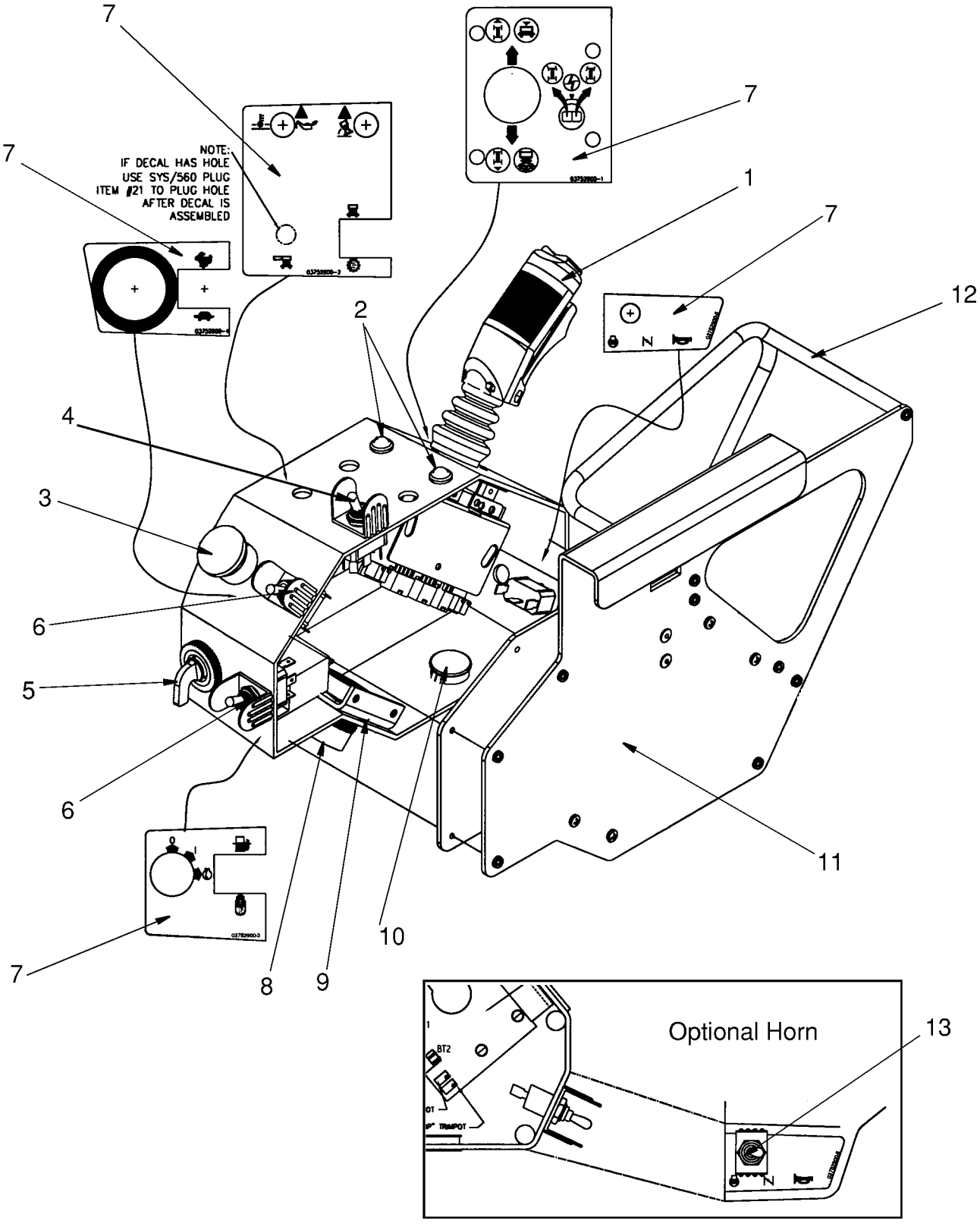
TEREX AERIALS
PARTS MANUAL



Ref.	Part No.	Description	Qty	Remarks
	3557890	Platform Assembly with Standard Rail	1	
	03064700	Cable Tie	5	
	07003030	Capscrew, 5/16-18 x 2 1/4	10	
	07003036	Capscrew, 5/16-18 x 3 3/4	4	
	07029365	Screw, Self Tap #12-24 x 1	2	
	07050014	Nut 1/4-20	8	
	07050015	Nut 5/16-18	22	
	07062015	Flatwasher	24	
	07100000	Spring Pin, 5/16 x 2	4	
	08082200	Ring	4	
	10061200	Clamp, Loop	4	
	11208800	Grip, Handle	2	
	11303500	Pin, Hitch with Lanyard	2	
	24101195	Plug, 1-1/2 x 14	7	
	3556670	Platform Assembly, Complete	1	
15	3536350	Safety Chain Assembly	1	
	03404800	Tube	2 ft.	
	11077900	Chain Safety	2 ft.	
	11078000	Snap, Chain	1	
	11083400	S-Hook	1	
16	03752900	Aerial Control Box	1	See Page 5.4 for Details
17	135322	Manual Holder Assembly	1	See Page 2.4 for Details
18		Electrical Receptacle	1	See Page 2.5 for Details

TEREX AERIALS

AERIAL CONTROL BOX

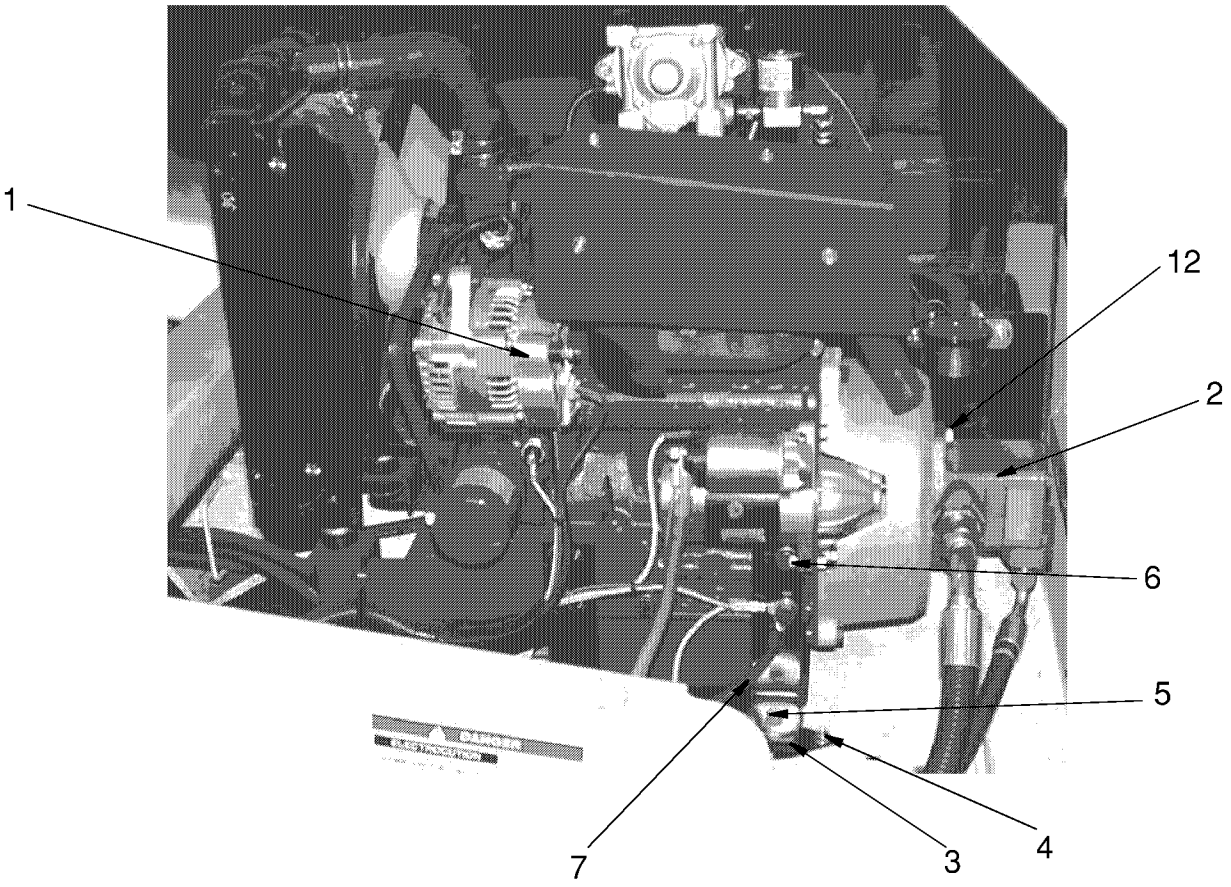


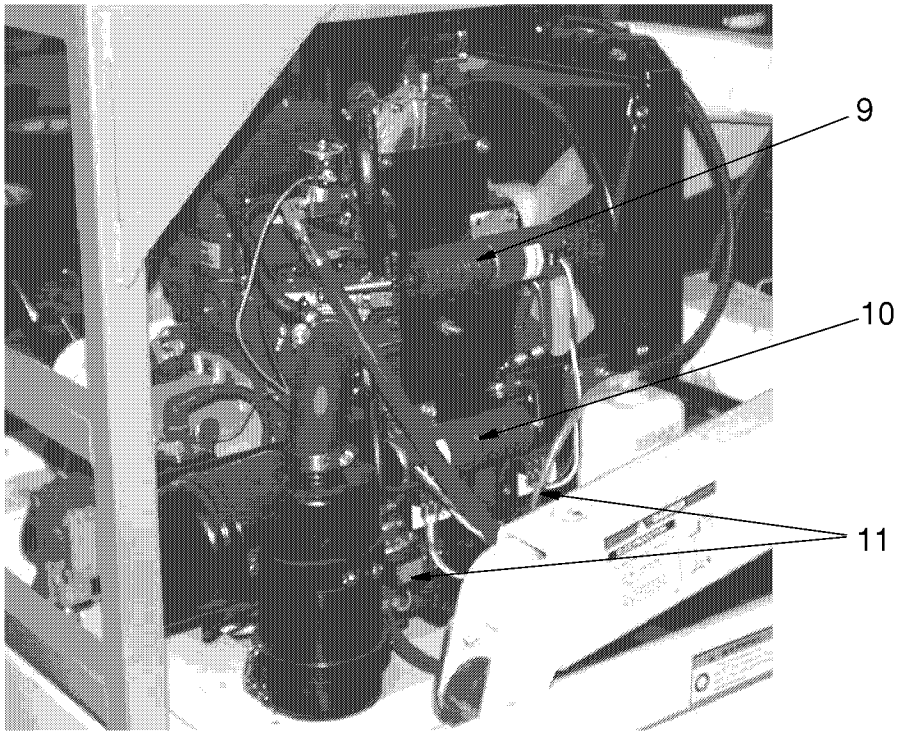
Ref.	Part No.	Description	Qty	Remarks
	03752900	Aerial Control Box Assembly	1	
1	601145	Controller	1	
	601261	Handle Assembly	1	
	601251	Handle, Front Half	1	
	601252	Handle, Back Half	1	
	601253	Seal	1	
	601248	Nut, Push Button Switch	1	
	601254	Lever, Control Enable Switch	1	
	601255	Boot, Steer Switch	1	
	601256	Rocker, Steer Switch	1	
	601247	Switch, Push Button Controls Enable	1	
	69198	Microswitch, Steer Operation	1	
	601265	Gasket	1	
	67496	Boot, Controller Handle	1	
	67486	Microswitch	1	
	601269	Circuit Board Assembly w/Potentiometer	1	
2		Indicator Lights	2	
3	69166	Emergency Stop Button	1	
	601021	Contact Block	1	
	601020	Cap, Push/Pull	1	
4	601148	Toggle Switch	1	
5		Fuel Switch	1	
6	69245	Toggle Switch	2	
7		Decal Set	1	
8			1	
9			1	
10			1	
11			1	
12			1	
13		Horn Switch	1	Optional

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6.2	KUBOTA WG-750B2
6.4	FUEL TANK ASSEMBLY
6.5	PROPANE TANK ASSEMBLY

TEREX AERIALS
ENGINE
KUBOTA DF750E-1

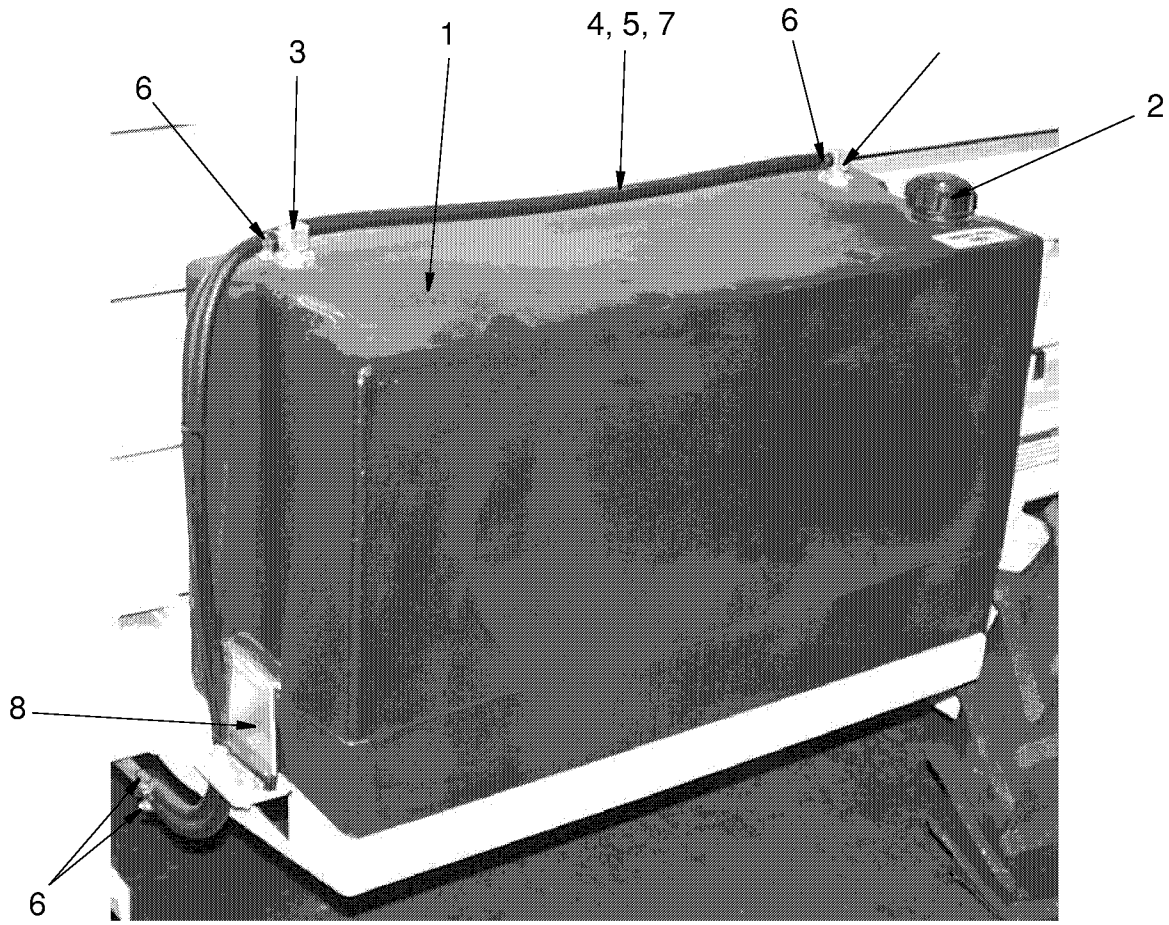




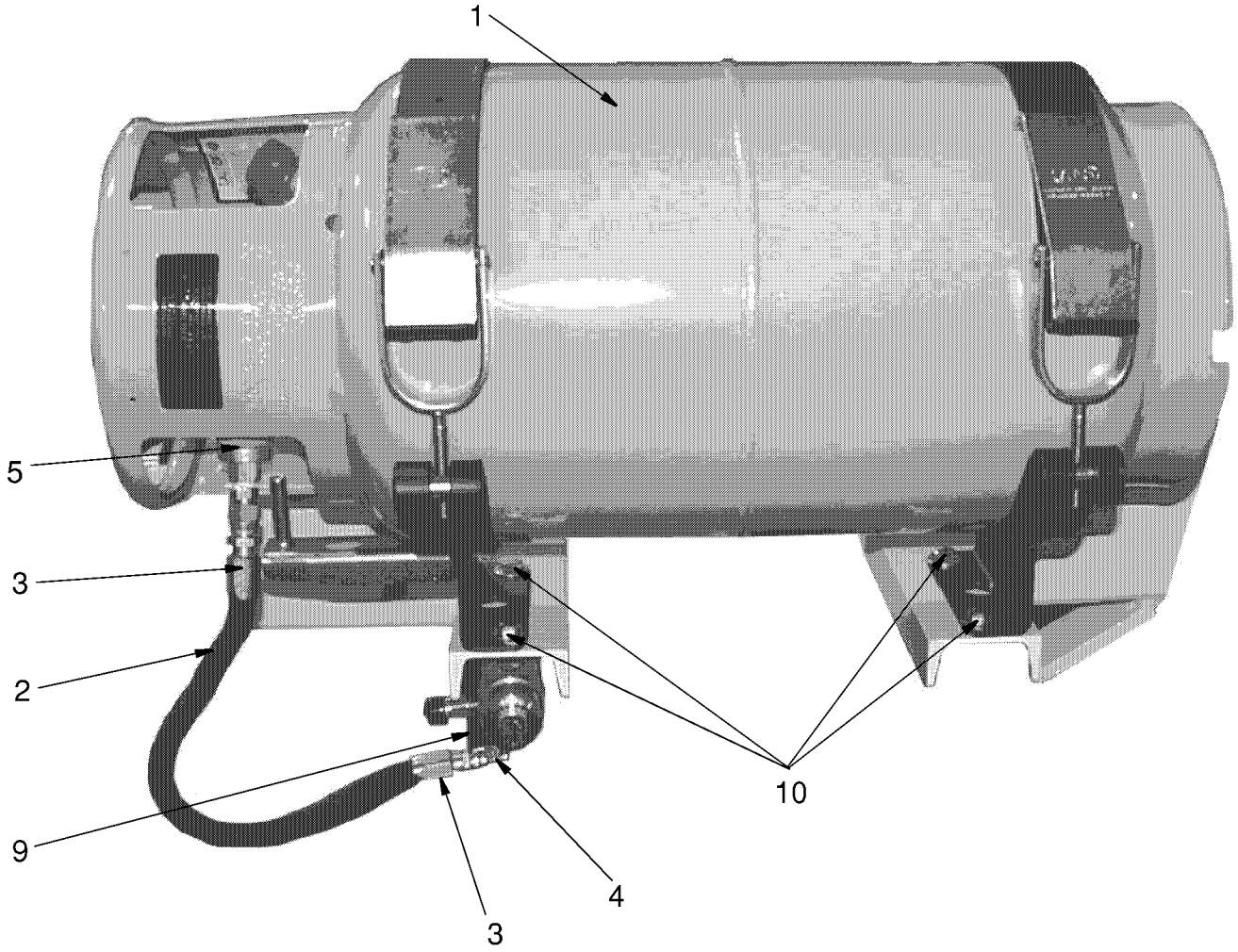
Ref.	Part No.	Description	Qty	Remarks
	3554620	Engine Assembly	1	
1	09046700	Engine, Kubota	1	
2	01251500	Hydraulic Pump	1	
3	09062500	Mount	2	
4	07003002	Capscrew, 1/4 - 20 x 5/8	1	
	07062014	Flatwasher, 1/4	1	
	07050014	Locknut, 1/4 - 20	1	
5	07003045	Capscrew, 3/8 - 16 x 1	1	
	07062016	Flatwasher, 3/8	1	
	07050016	Locknut, 3/8 - 16	1	
6	07130000	Capscrew, 5/16 - 18 x 1	1	
	07062015	Flatwasher, 5/16	1	
	07050015	Locknut, 5/16 - 1	1	
7	03617400	Battery Cable, Black	1	
8	2378000	Mount, Engine Control	1	Not Shown
9	03051300	Solenoid, 12VDC	1	
10	03452100	Solenoid, 12VDC, Pull Type	1	
11	09054203	Module	2	
12	07003046	Capscrew, 3/8-16 x 1 1/4	1	
	07065016	Lockwasher, 3/8	1	
	07062016	Flatwasher, 3/8	1	

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TEREX AERIALS
FUEL TANK ASSEMBLY



Ref.	Part No.	Description	Qty	Remarks
	3554500	Fuel Tank Assembly	1	
1	09074400	Tank, Fuel (25 gal. capacity)	1	
2	09081300	Cap, Fuel Tank	1	
3	06207600	90° Elbow	1	
4	06207700	Fitting, Hose	2	
5	05007000	Hose, Fuel Line	A.R.	
6	09004600	Clamp, Hose	6	
7	09060100	Filter, Fuel (in line)	1	
8	2214350	Clamp, Fuel Tank	2	
	07003025	Capscrew (5/16-18)	4	
	07062015	Flatwasher (5/16)	8	
	07050015	Locknut (5/16-18)	4	



Ref.	Part No.	Description	Qty	Remarks
	3554550	Propane Tank Assembly	1	
1	09001500	Tank, Propane (33 lb. capacity)	1	
2	05201700	Hose, 5/16	1	
3	06161800	Hose Coupling	4	
4	06207600	90° Elbow	2	
5	09002100	Coupling	1	
6	09025100	Bracket, Horizontal Mount	1	
7	09028700	Filter, Propane	1	
8	09028701	Relief Valve, Breather	1	
9	09074500	Bracket, Propane Filter	1	
10	07003046	Capscrew, 3/8 - 16 x 1 1/4	4	
	07050016	Locknut, 3/8 - 16	4	
	07062016	Flatwasher, 3/8	4	
11	06207700	Fitting, Brass	1	

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Cylinder, Lift (Upper)....4.10
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