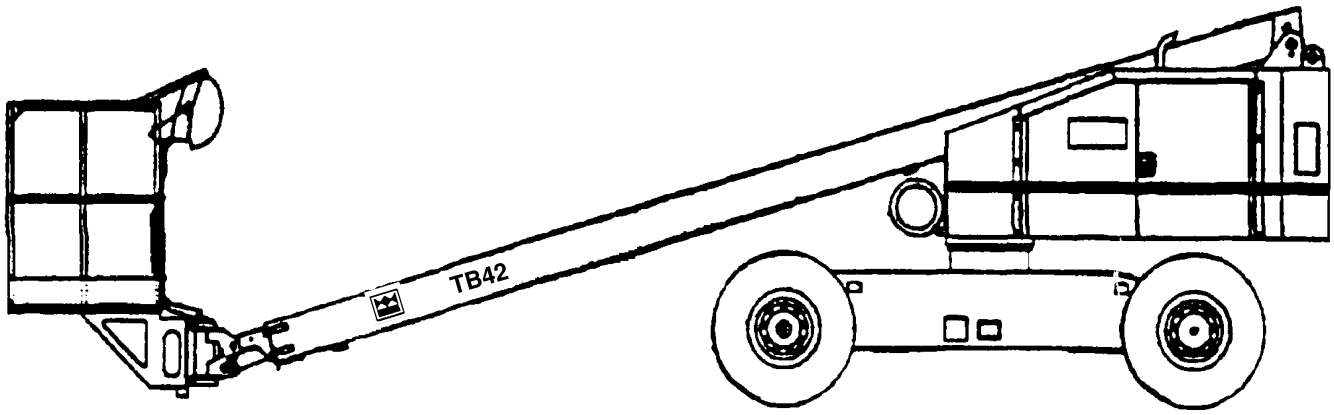
TEREX AERIALS

SELF-PROPELLED BOOM LIFT
MODEL TB42



FOR PARTS OR SERVICE
CONTACT:

PARTS MANUAL

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Issued: Sept. 99 **P/N12261-232**

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PART 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. The **REF.** number shown in the first column of the parts list corresponds to the callout in the illustration on the same page or facing page.

4. The Terex Aerials **PART NUMBER** is shown in the second column for items that are serviceable.

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

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

   A. Ref. indicates the item is not servicable or is part of another assembly.

   B. AR indicates the item is used as required. Some quantities may be specified "For Machine".

7. Indented items are items that are included in the subassembly directly above. See the example below for the indenture system used in this manual.

   EXAMPLE:

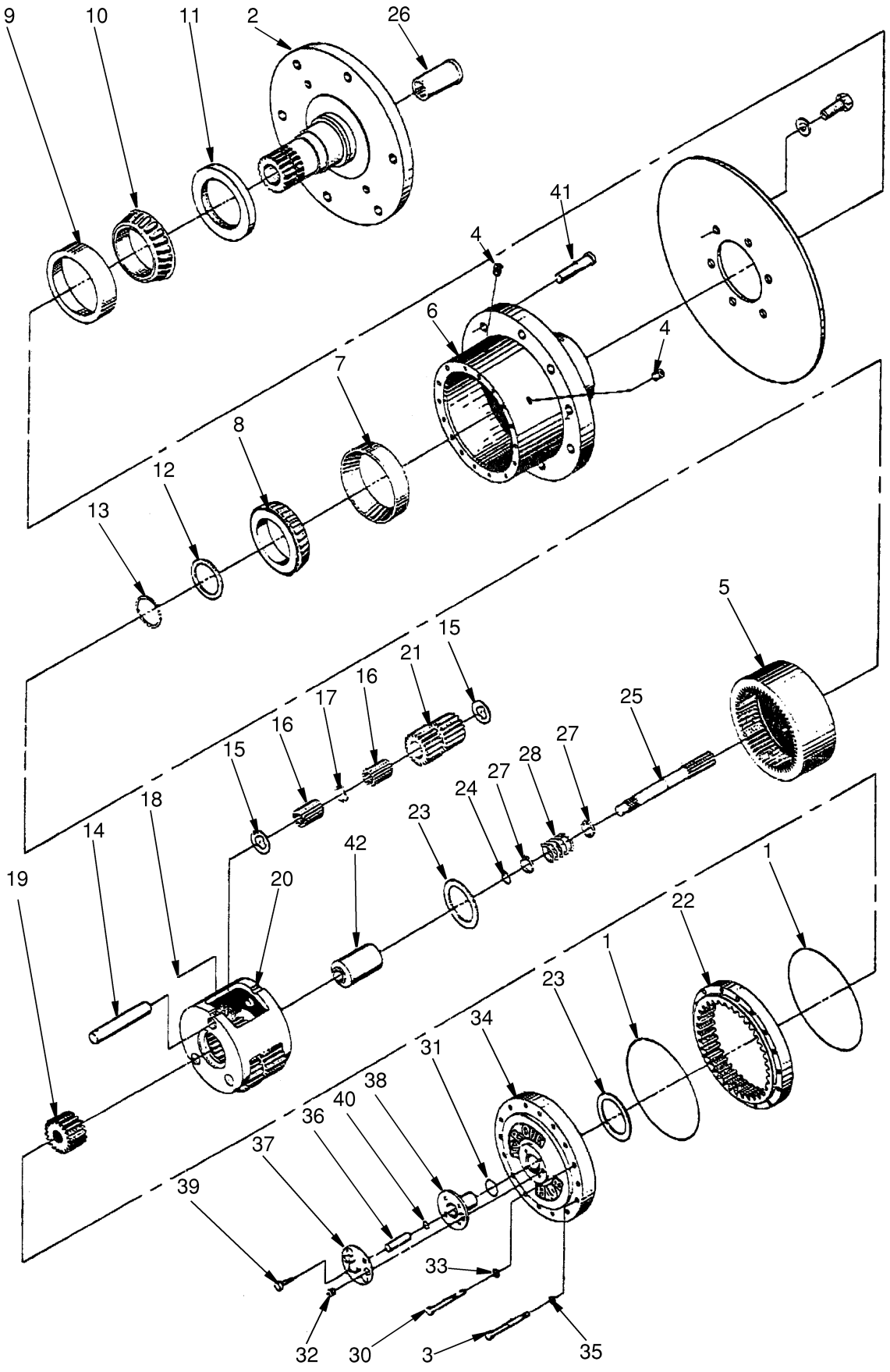
Ref.	Part No.	Description	Qty
	123456	Assembly	Ref.
1	234567	Part of Assembly	1
2	345678	Subassembly	1
	456789	Part of Subassembly	2

8. Common abbreviations and symbols that are used throughout this manual are shown on page 1.12 for reference.

9 **REMARKS** are shown in the fifth or far right column. The Remark column will include page number references for more detailed breakdowns, keyed items included in Kits indicated by symbols * ^ , sizes & special information.

NOTES

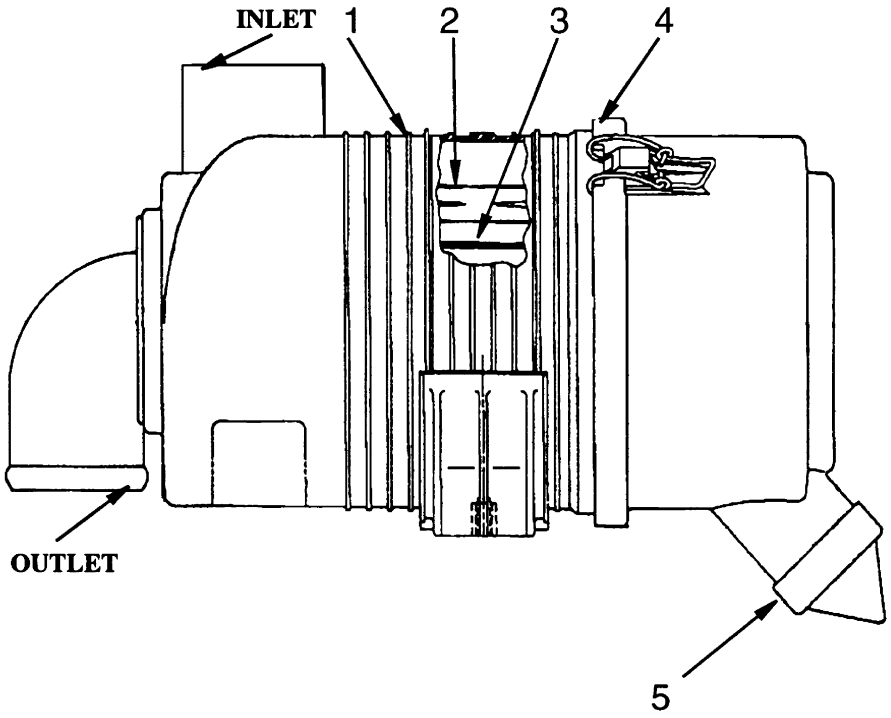
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NOTES

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AIR CLEANER (FORD ENGINE)



Ref.	Part No.	Description	Qty	Remarks
1	212657	Air Cleaner Assembly	1	
2	P822768	Primary Element	1	
3	P822769	Safety Element	1	
4	P539422	Cover	1	
	P538928	Latches		Included with Item #4
5	P522958	Vacuator Valve	1	

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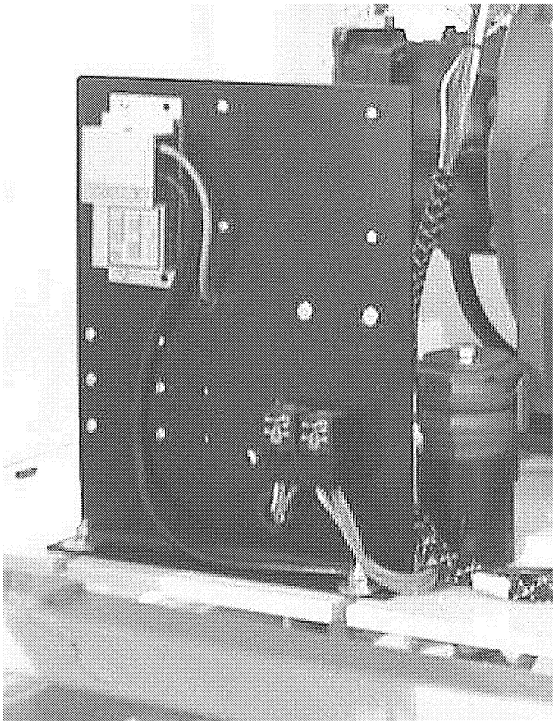
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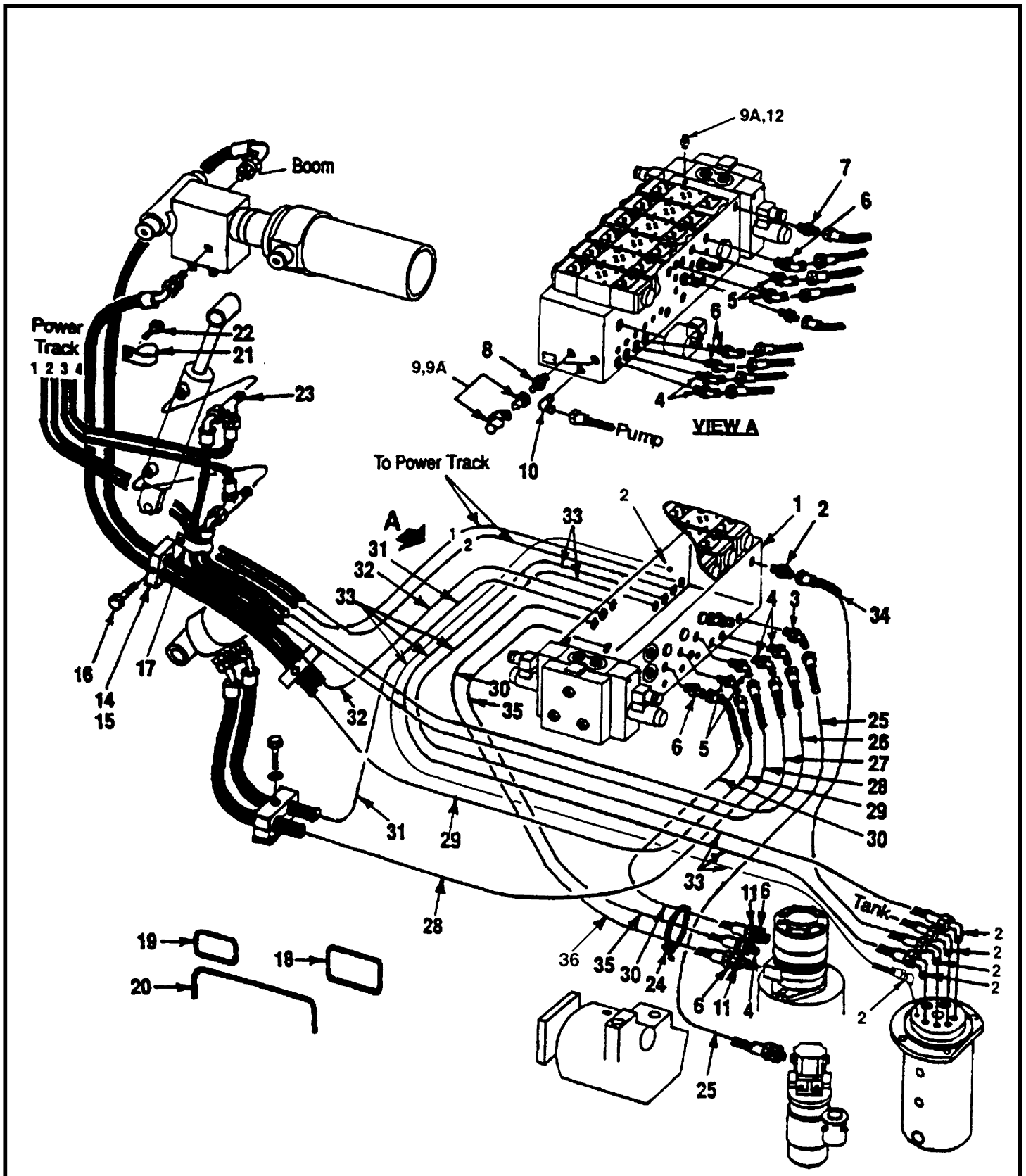
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ENGINE CONTROL PANEL (DEUTZ ENGINE)



Ref.	Part No.	Description	Qty	Remarks
	212806	Engine Control Panel Ass'y (Deutz & Cummins)	1	
1	212804	Harness, Control Panel	1	
2	70209	Relay	1	
3	70915	Connector Plug	1	
4	70916	Wedge, Locking	1	
5	70807	Contact Socket	8	
6	1202-4	RHMS Slotted # 10NC x 1/2	4	
7	1202-6	RHMS Slotted #10NC x 3/4	10	
8	1210-7	Lockwasher, #10	14	
9	1205-5	Nut, #10-24	14	
10	70830	Governor	Ref.	Part of Engine
11	1221-78	Grommet	1	
12	1200-1	HHCS 1/4 NC x 3/4	2	
13	1210-14	Lockwasher, 1/4	2	
14	1205-13	Nut, 1/4 C	2	
15	1223-428	Eyelet, #10	3	
16	70843	Diode/Resistor Ass'y	1	
17	441 6828	Relay	4	


9A,12
Boom
7
6
Power Track
1 2 3 4
22
21
23
9,9A
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Pump
VIEW A
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To Power Track
A
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1 2
33
31
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1 2
34
4 3
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11 6
Tank
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FUNCTION VALVE (4-WHEEL DRIVE)

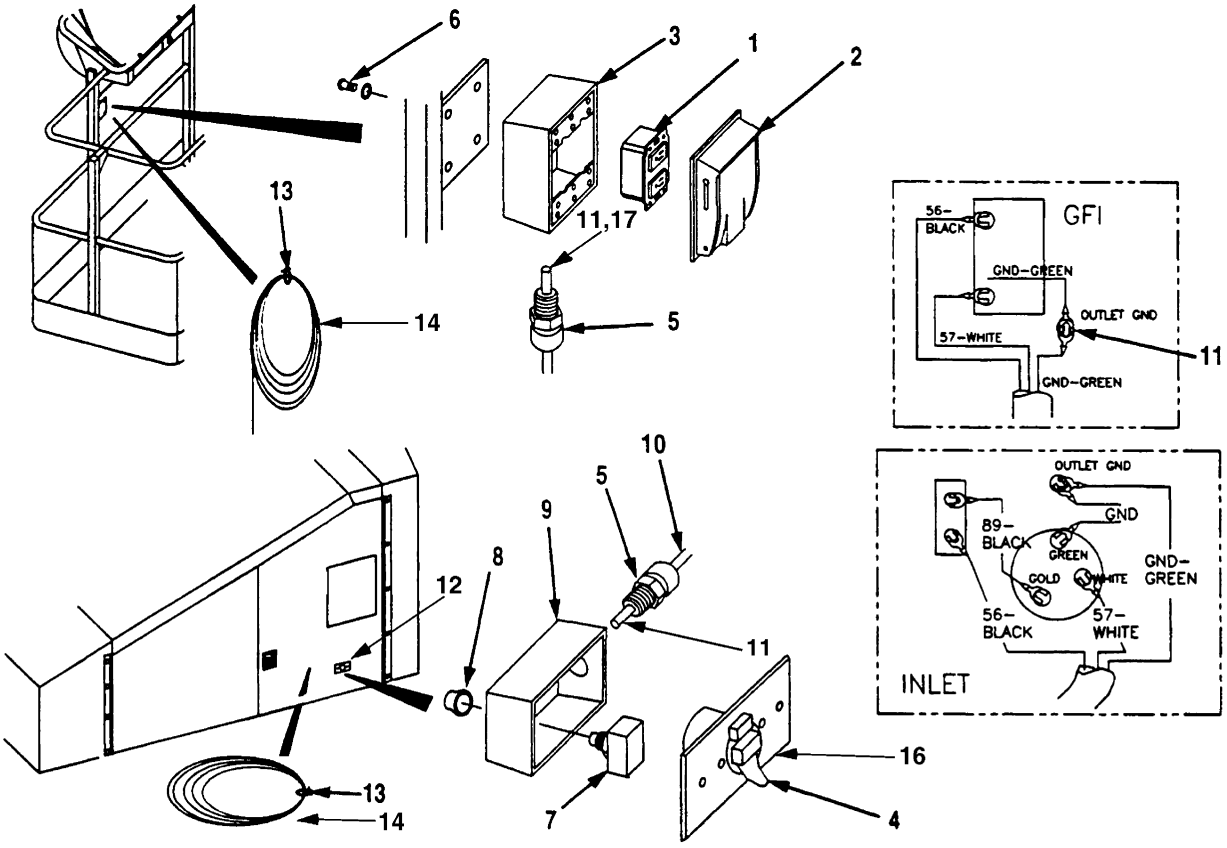
Ref.	Part No.	Description	Qty	Remarks
	81446	Propel Valve, Complete(Vickers # MCD-4905)	1	Incl. Items 1 thru 28
1	NSS	Manifold	1	
2	600633	Flow Divider/Combiner Valve	2	Seal Kit P/N 69446
3	69580	Differential Pressure Sensing Valve	4	Seal Kit P/N 69444
4	69581	Differential Pressure Sensing Valve	7	Seal Kit P/N 69445
5	69587	Pilot Operated Directional Valve	1	Seal Kit P/N 69446
8	69582	Relief Valve	2	Seal Kit P/N 69447
9	600636	Pilot Piston	1	
10	69561	Check Valve	2	Seal Kit P/N 69447
11	69588	Ball	1	
12	69589	Seat	1	
13	69590	O-Ring	1	
14	69591	Orifice Disc	1	
15	69592	Spring	1	
16	69593	Setscrew	1	
18	NSS	Plug, SAE-6	8	
19	NSS	Plug, SAE-8	18	
20	NSS	Plug, SAE-10	1	
22	69570	Plug, Expander	36	
23	NSS	Nameplate	1	
24	NSS	Rivet	2	
25	600634	Flow Divider/Combiner Valve	1	Seal Kit P/N 69448
26	69420	Valve Check	5	Seal Kit P/N 69483
27	69594	Valve Check	1	Seal Kit P/N 69482
28	69485	Plug, Cavity	1	Seal Kit P/N 69484

Ref.	Part No.	Description	Qty	Remarks
36	1213-6	Fitting, Grease 90°	1	
37	212838	Plate	1	
38	1200-314	Capscrew .31NC x .62	4	
39	1210-17	Washer, Lock .31	6	
40	1200-31	HHCS, .31NC x 1.00	2	
41	1209-3	Washer, Flat 0.38	2	
42	1200-210	HHCS 3/4NC x 5 1/2	2	Following Parts Not Shown
43	1200-57	HHCS 3/8NC x 3/4	2	
44	1200-98	HHCS 1/2NC x 1 1/4	4	
45	1209-29	Flatwasher	4	
46	1209-4	Flatwasher	8	
47	1209-40	Flatwasher	2	
48	1210-26	Lock Washer	4	
49	1210-38	Lock Washer	2	
50	212762	Collar	2	

SECTION 6 “PLATFORM” CONTAINS:

PAGE	TITLE
6.2	PLATFORM
6.4-6.7	AERIAL CONTROL BOX
6.8	PLATFORM ROTATOR
6.9	FOOT SWITCH
6.10	PLATFORM WIRING
6.11-6.13	JOYSTICKS

TEREX AERIALS
PLATFORM WIRING



Ref.	Part No.	Description	Qty	Remarks
	212162-1	Platform Wiring - 110 Volt	Opt.	Incl. Items 1 thru 11,15,16,17
	212162-2	Platform Wiring - 220 Volt	Opt.	Inc. Items 12 thru 14
1	70391	Receptacle, GFI	1	
2	70392	Cover, Receptacle	1	
3	70262	Box	1	
4	70119	Inlet w/Gasket	1	
5	2806	Strain Relief	2	
6	61720	Screw, #10-24 x 5/8 Self-Tapping	4	
7	441 4026	Circuit Breaker, 20A	1	
8	442 2399	Boot	1	
9	212133	Outlet Box	1	
10	70769	Cable, 12/3	Ref.	
11	117-C	Terminal	7	
12	902	Cover, Door	1	
13	1222-202	Tie, Plastic	2	
14	70423	Cable, TUV 12/3	Ref.	
16	185702	Decal, C.V. 110 Vac.	1	
17	70406	Terminal, Fork	6	

Ref.	Part No.	Description	Qty	Remarks
	213794	Lower Hydraulic Assembly	1	Incl. Items 1 thru 39
1	81446	Valve, Ground Drive	1	See Page 4.41
4	12019-548	Adapter	5	
6	1219-776	Adapter	5	
8	212378-104	Hose	2	
9	12182-15	Trimlock	4	
10	212062-78	Hose	2	
11	212059-54	Hose	1	
12	212061-52	Hose	1	
13	200B2007-16	Clamp	1	
14	1205-36	Nut	1	
	1209-4	Flatwasher	1	
15	212061-58	Hose	1	
16	212059-68	Hose	1	
17	212062-62	Hose	2	
18	212062-78	Hose	2	
	1219-389	Adapter	4	
19	12019-112	Tee	1	
20	12019-453	Tee	1	
21	212110-30	Hose	1	
22	212059-36	Hose	1	
23	212382-22	Hose	2	
24	212378-104	Hose	1	
25	212823	Bracket, Ground Drive Valve	1	
26	1200-59	Capscrew, 38/C x 1	3	
	1210-20	Lockwasher	3	
	1209-4	Flatwasher	3	
28	1200-59	Capscrew, 3/8C x 1	3	
	1209-4	Flatwasher	3	
29	1200-61	Capscrew, 3/8C x 1-1/4	3	
	1210-20	Lockwasher	3	
	1205-36	Nut, 3/8C	3	
30	212380-77	Hose	1	
31	212110-30	Hose	2	
32	212381-102	Hose	1	
33	212381-119	Hose	1	
34	212382-136	Hose	1	
35	212382-106	Hose	1	
36	212383-76	Hose	2	
37	212380-77	Hose	1	
38	212062-62	Hose	2	
39	212062-66	Hose	2	

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