PART MANUAL

GRADALL®

544B

9104-4337

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Starting Serial No.
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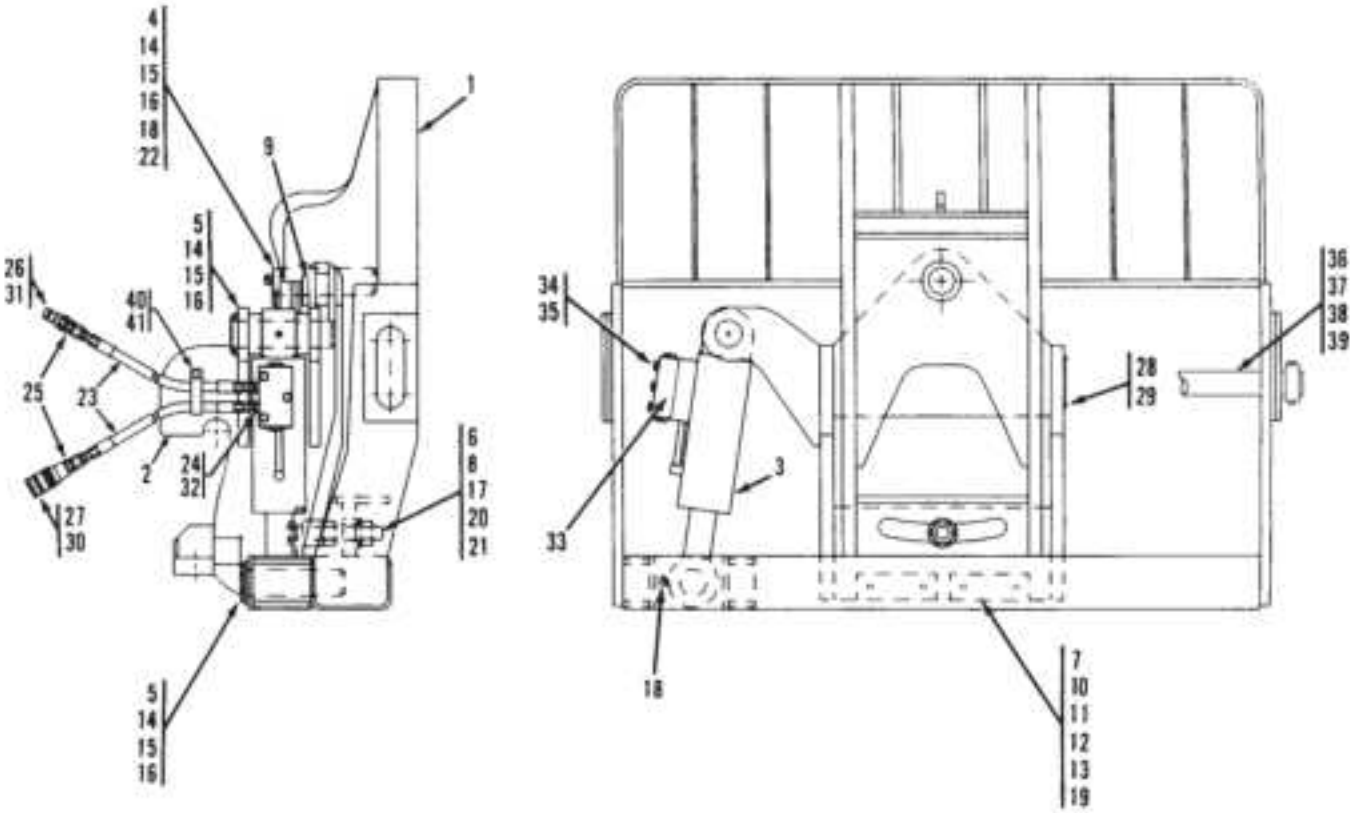
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ATTACHMENTS
(9130-5016) 66" Slope Piler Carriage
Starting Serial No. 0155299S
Original Issue 8-94
Revised 6-19-06



Item	Part No.	Qty.	Description Of Part
	9130-5016	Ref	66" SLOPE PILER CARRIAGE, (includes all items)
	9103-3426	1	CAPACITY DECAL
1	9130-6030	1	CARRIAGE WELDMENT
* 2	9108-6122	1	ADAPTER WELDMENT
3		Ref	SWAY CYLINDER, (see page 13-19 for details)
4	9108-3248	1	BUSHING
* 5	3423263	2	PIN
6	9020-4007	1	TUBE
7	9103-3166	2	BEARING PAD
8	9108-1577	1	TAP BOLT
9	9108-1594	1	THRUST WASHER
*10	9020-5870	AR	SHIM
11	9103-1236	2	SPACER
*12	8820-1535	4	HEX HD CAPSCREW, 3/8-24X1-1/4, GR5
*13	8820-1534	4	HEX HD CAPSCREW, 3/8-24X1, GR5
14	9108-1313	3	KEEPER PLATE
15	8820-1065	6	HEX HD CAPSCREW, 1/2-13X1, GR5
16	8855-1013	6	LOCKWASHER, 1/2
17	8852-1016	1	HEX LOCKNUT, 1-8
*18	8867-1022	2	LUBE FITTING, 90 DEGREES, 1/8
19	8856-1109	4	FLAT WASHER, 3/8
20	8850-1016	1	HEX NUT, 1-8
21	0510-1441	1	WASHER, 1-1/16
22	9108-1622	1	PIN
23	8471-6434	2	HOSE ASSY
24	8366-1316	2	CONNECTOR

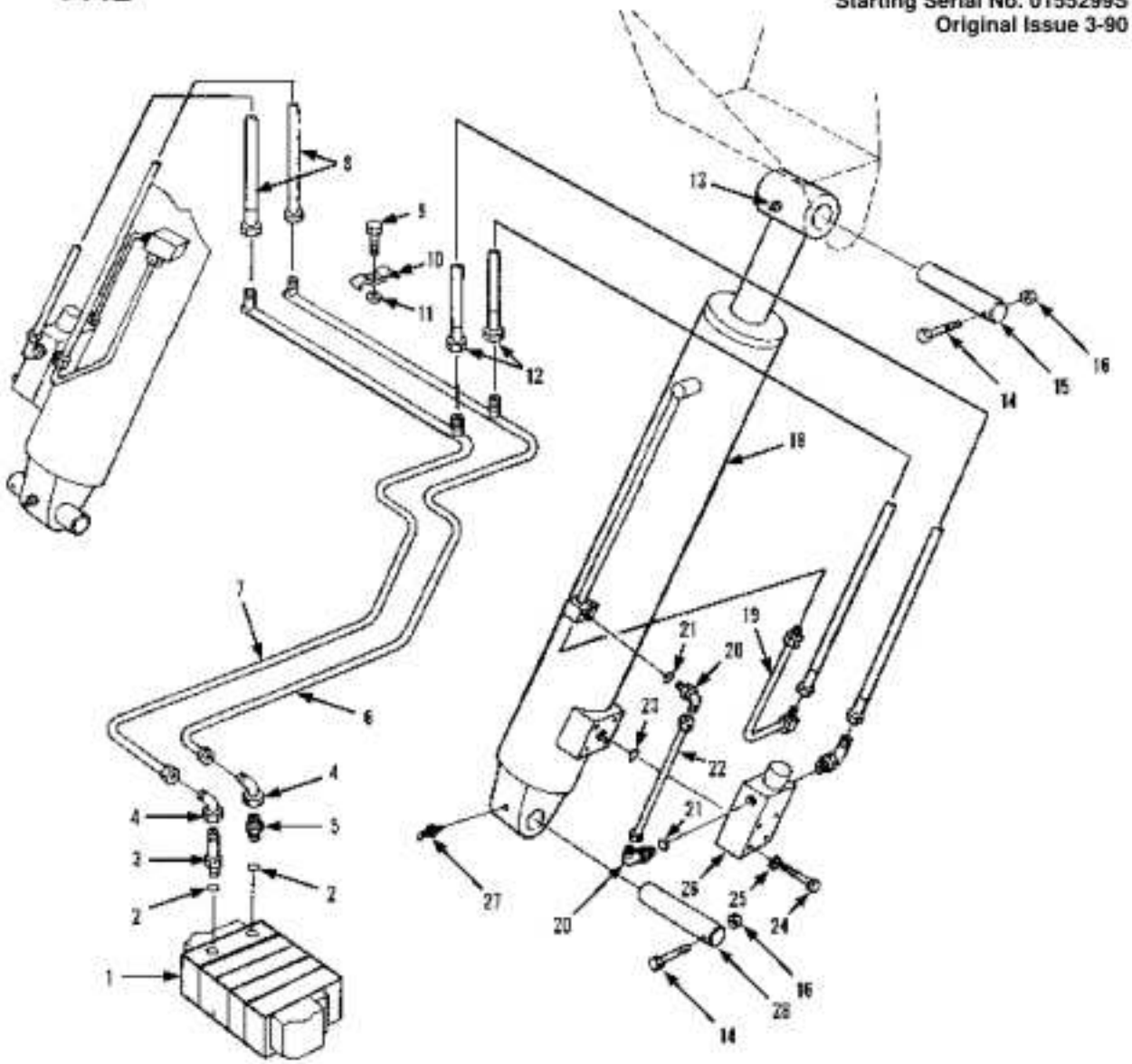
Item	Part No.	Qty.	Description Of Part
*25	8866-1010	2	CONNECTOR, **(Before S/N 2005283-01)**
	8866-2018	2	CONNECTOR, **(S/N 2005283-01 & After)**
*26	9116-3138	1	MALE QUICK DISCONNECT, **(Before S/N 2005283-01)**
	9140-3414	1	MALE QUICK DISCONNECT, **(S/N 2005283-01 & After)**
*27	9116-3139	1	FEMALE QUICK DISCONNECT, **(Before S/N 2005283-01)**
	9140-3413	1	FEMALE QUICK DISCONNECT, **(S/N 2005283-01 & After)**
28	8834-1022	4	DRIVE SCREW, #10X3/8
29	9015-3001	1	SERIAL NUMBER PLATE
30	9104-3125	1	DUST PLUG
31	9104-3126	1	DUST CAP
*32	8866-2105	2	ELBOW, 90 DEGREES, (swivel nut)
33		Ref	DUAL P.O. CHECK VALVE, (see page 13-20 for details)
34	8820-1040	3	HEX HD CAPSCREW, 3/8-16X2-1/4, GR5
35	8855-1011	3	LOCKWASHER, 3/8
36	9130-1083	1	FORK PIN
37	9020-0003	2	COLLAR
38	8820-1105	2	HEX HD CAPSCREW, 5/8-11X4, GR5
39	8852-1310	2	LOCKNUT, 5/8-11
*40	8452-1062	1	SUPPORT CLAMP
*41	7714-3015	1	WHIZ-LOK NUT, 3/8-16

ER 46361, 48269, 49530, 49939, 50170 LK

* *Revised illustration & parts list.*

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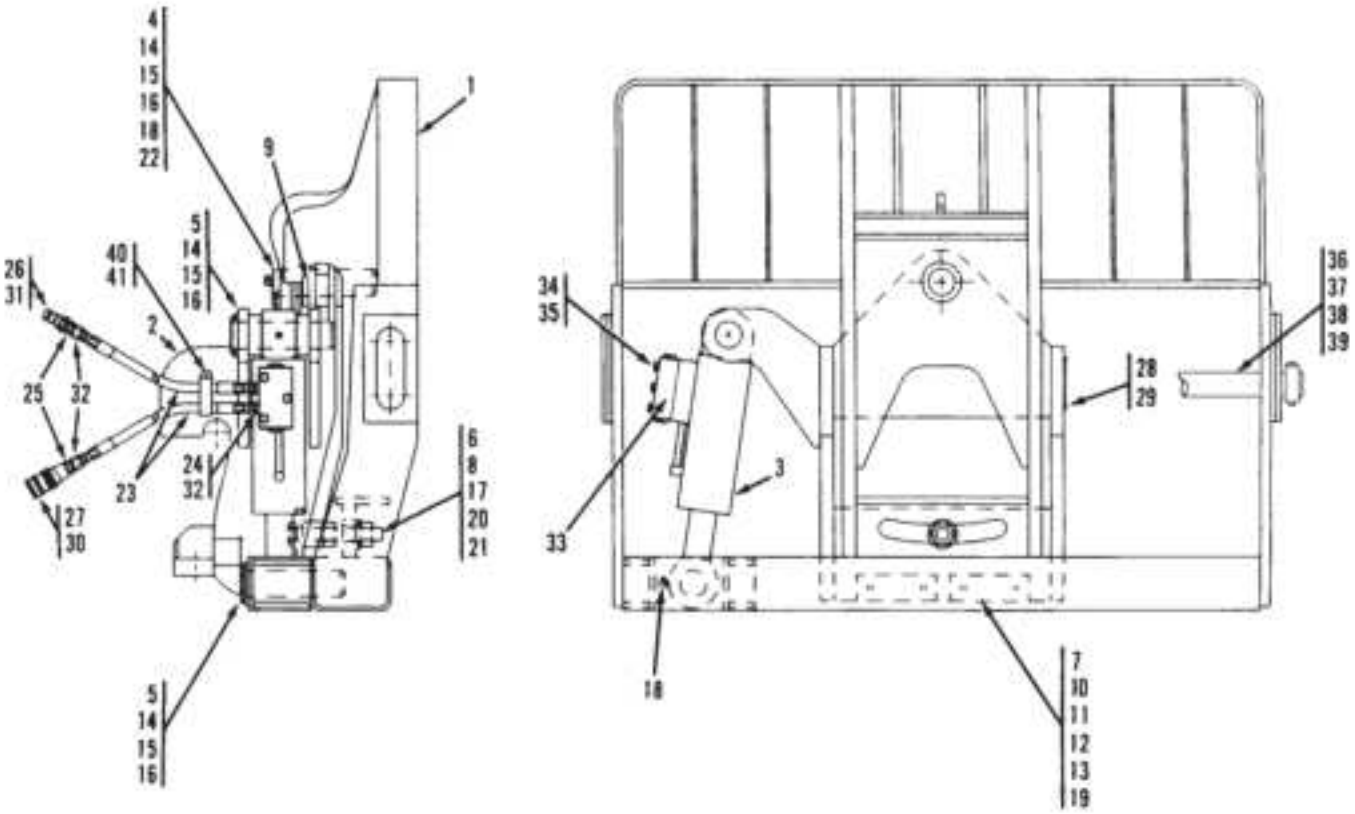
HYDRAULIC CIRCUITS
Lift Cylinder
Starting Serial No. 0155299S
Original Issue 3-90



Item	Part No.	Qty.	Description Of Part
1		Ref	MAIN CONTROL VALVE (see page 10-10 for details)
2	8859-1207	2	O-RING
3	8866-2038	1	CONNECTOR (includes item 2)
4	8866-2108	2	ELBOW - 90 DEGREES (swivel nut)
5	8866-2008	1	CONNECTOR (includes item 2)
6	9104-3095	1	TUBE ASSY
7	9104-3096	1	TUBE ASSY
8	8471-6448	2	HOSE ASSY
9	8820-1035	2	HEX HD CAPSCREW, 3/8-16X1, GR5
10	9020-0483	2	TUBE CLAMP
11	8850-1006	2	HEX NUT, 3/8-16
12	8471-7799	2	HOSE ASSY
13	8867-1008	2	LUBE FITTING, STRAIGHT, 1/4-28
14	8820-1104	4	HEX HD CAPSCREW, 5/8-11X3-3/4, GR5
15	9020-6892	2	PIN

Item	Part No.	Qty.	Description Of Part
16	8850-1010	4	HEX NUT, 5/8-11
18		Ref	LIFT CYLINDER ASSY (see page 10-1 for details)
19	9104-3070	2	TUBE ASSY
20	8866-2062	4	ELBOW - 90 DEGREES (includes item 21)
21	8859-1202	4	O-RING
22	9104-3069	2	TUBE ASSY
23	8859-1102	2	O-RING
24	8820-1071	8	HEX HD CAPSCREW, 1/2-13X2-1/2, GR5
25	8855-1013	8	LOCKWASHER, 1/2
26	9104-3232	2	COUNTERBALANCE VALVE ASSY (see page 10-18 for details)
27	8867-1027	2	LUBE FITTING, 90 DEGREES, 1/4-28
28	9040-2875	2	PIN

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Item	Part No.	Qty.	Description Of Part
	9108-5058	Ref	48" SLOPE PILER CARRIAGE, (includes all items)
	9104-3426	1	CAPACITY DECAL, (not shown)
1	9108-6121	1	CARRIAGE WELDMENT
2	9108-6122	1	ADAPTER WELDMENT
3		Ref	SWAY CYLINDER, (see page 13-19 for details)
4	9108-3248	1	BUSHING
*5	3423263	2	PIN
6	9020-4007	1	TUBE
7	9103-3186	2	BEARING PAD
8	9108-1577	1	TAP BOLT
9	9108-1594	1	THRUST WASHER
*10	9020-5870	AR	SHIM
11	9103-1236	2	SPACER
*12	8820-1535	4	HEX HD CAPSCREW, 3/8-24X1-1/4, GR5
*13	8820-1534	4	HEX HD CAPSCREW, 3/8-24X1, GR5
14	9108-1313	3	KEEPER PLATE
15	8820-1065	6	HEX HD CAPSCREW, 1/2-13X1, GR5
16	8855-1013	6	LOCKWASHER, 1/2
17	8852-1016	1	HEX LOCKNUT, 1-8
*18	8867-1022	2	LUBE FITTING, 90 DEGREES, 1/8
19	8856-1109	4	FLAT WASHER, 3/8
20	8850-1016	1	HEX NUT, 1-8
21	0510-1441	1	WASHER, 1-1/16
22	9108-1622	1	PIN
23	8471-6434	2	HOSE ASSY
24	8366-1316	2	CONNECTOR

Item	Part No.	Qty.	Description Of Part
*25	8866-1010	2	CONNECTOR, **(Before S/N 2005283-01)**
	8866-2018	2	CONNECTOR, **(S/N 2005283-01 & After)**
*26	9116-3138	1	MALE QUICK DISCONNECT, **(Before S/N 2005283-01)**
	9140-3414	1	MALE QUICK DISCONNECT, **(S/N 2005283-01 & After)**
*27	9116-3139	1	FEMALE QUICK DISCONNECT, **(Before S/N 2005283-01)**
	9140-3413	1	FEMALE QUICK DISCONNECT, **(S/N 2005283-01 & After)**
28	8834-1022	4	DRIVE SCREW, #10X3/8
29	9015-3001	1	SERIAL NUMBER PLATE
30	9104-3125	1	DUST PLUG
31	9104-3126	1	DUST CAP
*32	8866-2105	2	ELBOW, 90 DEGREES, (swivel nut)
33		Ref	DUAL P.O. CHECK VALVE, (see page 13-20 for details)
34	8820-1040	3	HEX HD CAPSCREW, 3/8-16X2-1/4, GR5
35	8855-1011	3	LOCKWASHER, 3/8
*36	9045-1058	1	FORK PIN
37	9020-0003	2	COLLAR
38	8820-1105	2	HEX HD CAPSCREW, 5/8-11X4, GR5
39	8852-1310	2	LOCKNUT, 5/8-11
*40	8452-1062	1	SUPPORT CLAMP
*41	7714-3015	1	WHIZ-LOK NUT, 3/8-16