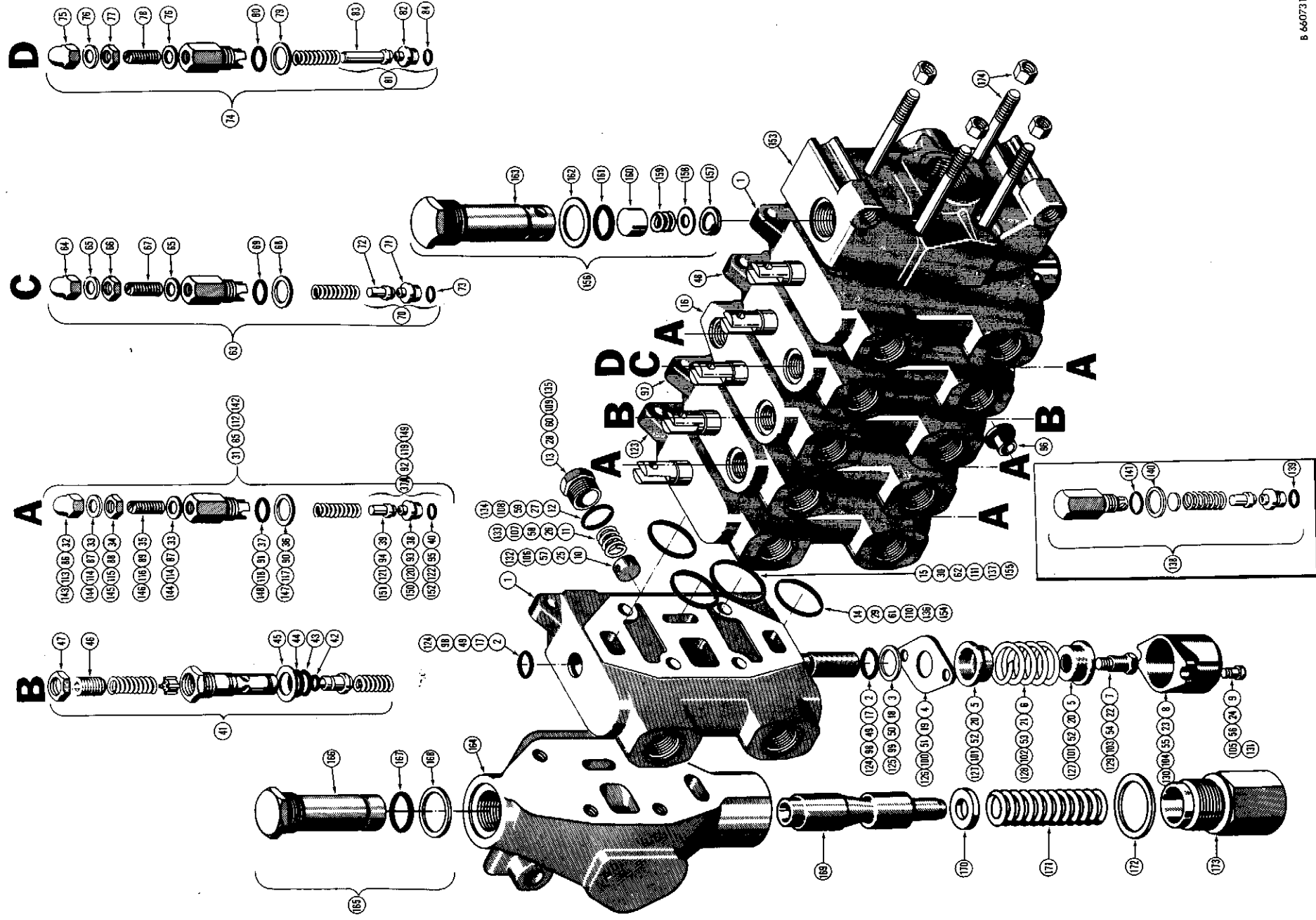


D36122 BACKHOE CONTROL VALVE

REF.	PART NO.	DESCRIPTION	REQ'D
48 D	39457	SECTION - valve, boom	1
49 O	8416 AB	SEAL - "O"ring, spool (For service of upper "O"ring use D36830)	1
D	36830	SEAL - quad ring	2
50 D	26829	RING - backup	1
51 D	26830	PLATE - retaining	1
52 D	26831	GUIDE - spring	1
53 D	26832	SPRING - centering	2
54 D	26833	BOLT - stripper	1
55 D	26823	CAP - valve	1
56 71- 412		SCREW - mach., sltd. fill. hd. (1/4" - 20 NC x 3/4")	1
57 D	26824	POPPET - check valve	2
58 D	26826	SPRING - check valve	1
59 G	46847	SEAL - "O"ring, cap	1
60 D	30696	CAP - check valve	1
61 D	26819	SEAL - "O"ring, section	1
62 D	26820	SEAL - "O"ring, section	3
63 D	32556	CARTRIDGE - boom down pressure, relief adj. (Early production) Order D39454 cartridge for service	1
64 129- 526		NUT - cap (3/8" - 24 NF)	1
65 D	32560	GASKET - copper-lead	1
66 25- 156		NUT - jam (3/8" - 24 NF)	2
67 176- 295		SCREW - set, 38" - 24 NF x 1"	1
68 D	31450	WASHER - gasket	1
69 D	26872	SEAL - "O"ring, outer	1
70 D	40191	KIT - seat and poppet	1
71	NSS	SEAT - cartridge	1
72	NSS	POPPET - cartridge	1
73 D	31411	SEAL - "O"ring, inner	1
74 D	39454	CARTRIDGE - boom down pressure, relief adj. (Late production) See D32556 cartridge	1
75 129- 526		NUT - cap (3/8" - 24 NF)	1
76 23150		GASKET - copper-lead	1
77 25- 156		NUT - jam (3/8" - 24 NF)	2
78 D	38814	SCREW - set, 3/8" - 24 NF x 1"	1
79 D	31450	GASKET - copper	1
80 D	26872	SEAL - "O"ring	1
81 D	40189	KIT - seat and poppet	1
82	NSS	SEAT - cartridge	1
83	NSS	POPPET - cartridge	1
84 D	31411	SEAL - "O"ring, inner	1
85 D	32557	CARTRIDGE - secondary relief, adjustable	1
86 129- 526		NUT - cap (3/8" - 24 NF)	1
87 D	32560	GASKET - copper-lead	2
88 25- 156		NUT - jam, 3/8" - 24 NF	1
89 176- 295		SCREW - set, 3/8" - 24 NF x 1"	1
90 D	31450	WASHER - gasket	1
91 D	26872	SEAL - "O"ring, outer	1
92 D	39188	KIT - seat and poppet	1
93	NSS	SEAT - cartridge	1
94	NSS	POPPET - cartridge	1
95 D	31411	SEAL - "O"ring, inner	1
96 D	27565	CHECK - restrictor (7/32" dia. orifice)	1
97 D	36812	SECTION - valve, crowd	1
98 O	8416 AB	SEAL - "O"ring, spool (For service of upper "O"ring, use D36830)	2

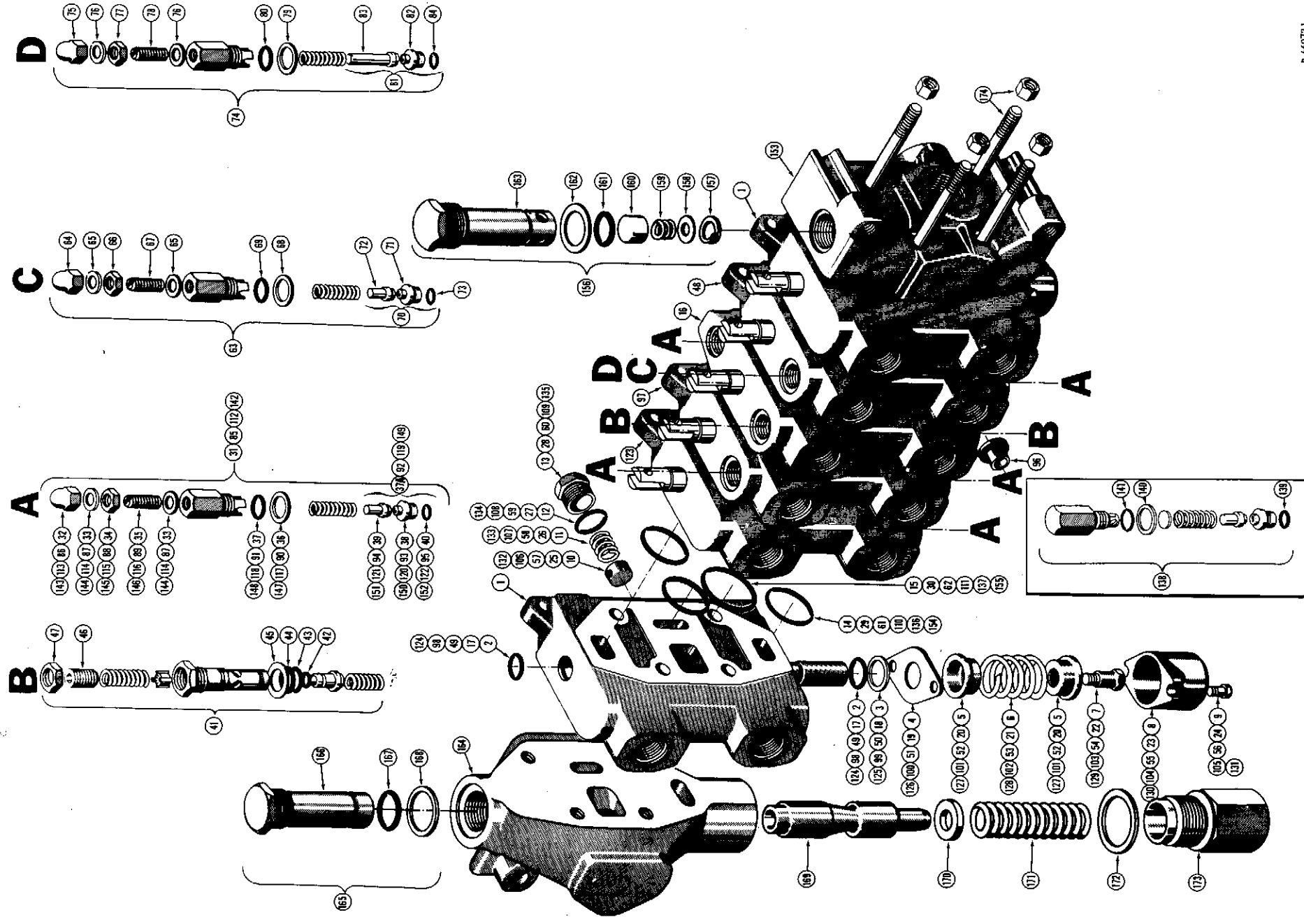
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D36122 BACKHOE CONTROL VALVE

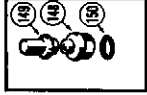
REF.	PART NO.	DESCRIPTION	REQ'D
D 36830		SEAL - quad ring	1
99 D 26829		RING - backup	1
100 D 26830		PLATE - retaining	1
101 D 26831		GUIDE - spring	2
102 D 26832		SPRING - centering	1
103 D 26833		BOLT - stripper	1
104 D 26823		CAP - valve	1
105 71- 412		SCREW - mach., sltd. fill. hd. (1/4" - 20 NC x 3/4")	2
106 D 26824		POPPET - check valve	1
107 D 26826		SPRING - check valve	1
108 G 46847		SEAL - "O"ring, cap	1
109 D 30696		CAP - check valve	1
110 D 26819		SEAL - "O"ring, section	3
111 D 26820		SEAL - "O"ring, section	1
112 D 32557		CARTRIDGE - secondary relief, adjustable	2
113 129- 526		NUT - cap (3/8" - 24 NF)	1
114 D 32560		GASKET - copper-lead	2
115 25- 156		NUT - jam (3/8" - 24 NF)	1
116 176- 295		SCREW - set, 3/8" - 24 NF x 1"	1
117 D 31450		WASHER - gasket	1
118 D 26872		SEAL - "O"ring, outer	1
119 D 39188		KIT - seat and poppet	1
120 NSS		SEAT - cartridge	1
121 NSS		POPPET - cartridge	1
122 D 31411		SEAL - "O"ring, inner	1
123 D 36823		SECTION - valve, bucket	1
124 O 8416 AB		SEAL - "O"ring, spool (For service of upper "O"ring, use D36830)	2
D 36830		SEAL - quad ring	1
125 D 26829		RING - backup	1
126 D 26830		PLATE - retaining	1
127 D 26831		GUIDE - spring	2
128 D 26832		SPRING - centering	1
129 D 26833		BOLT - stripper	1
130 D 26823		CAP - valve	1
131 171- 412		SCREW - mach. sltd. fill. hd. (1/4" - 20 NC x 3/4")	2
132 D 26824		POPPET - check valve	1
133 D 26826		SPRING - check valve	1
134 G 46847		SEAL - "O"ring, cap	1
135 D 30696		CAP - check valve	1
136 D 26819		SEAL - "O"ring, section	3
137 D 26820		SEAL - "O"ring, section	1
138 D 31448		CARTRIDGE - relief, secondary (2-1/16" long) Color code - green (2750 P.S.I. preset at factory) Used on some early production valves (Use D32557)	1
D 31449		CARTRIDGE - relief, secondary (2-3/4" long) Color code - green (2750 P.S.I. preset at factory) When stock is exhausted, use D32557	1
139 D 31411		SEAL - "O"ring, inner	1
140 D 31450		WASHER - gasket	1
141 D 26872		SEAL - "O"ring, outer	1
142 D 32557		CARTRIDGE - secondary relief, adjustable	1
143 129- 526		NUT - cap (3/8" - 24 NF)	1
144 D 32560		GASKET - copper-lead	2
145 25- 156		NUT - jam (3/8" - 24 NF)	1
146 176- 295		SCREW - set, 3/8" - 24 NF x 1"	1

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D36122 BACKHOE CONTROL VALVE

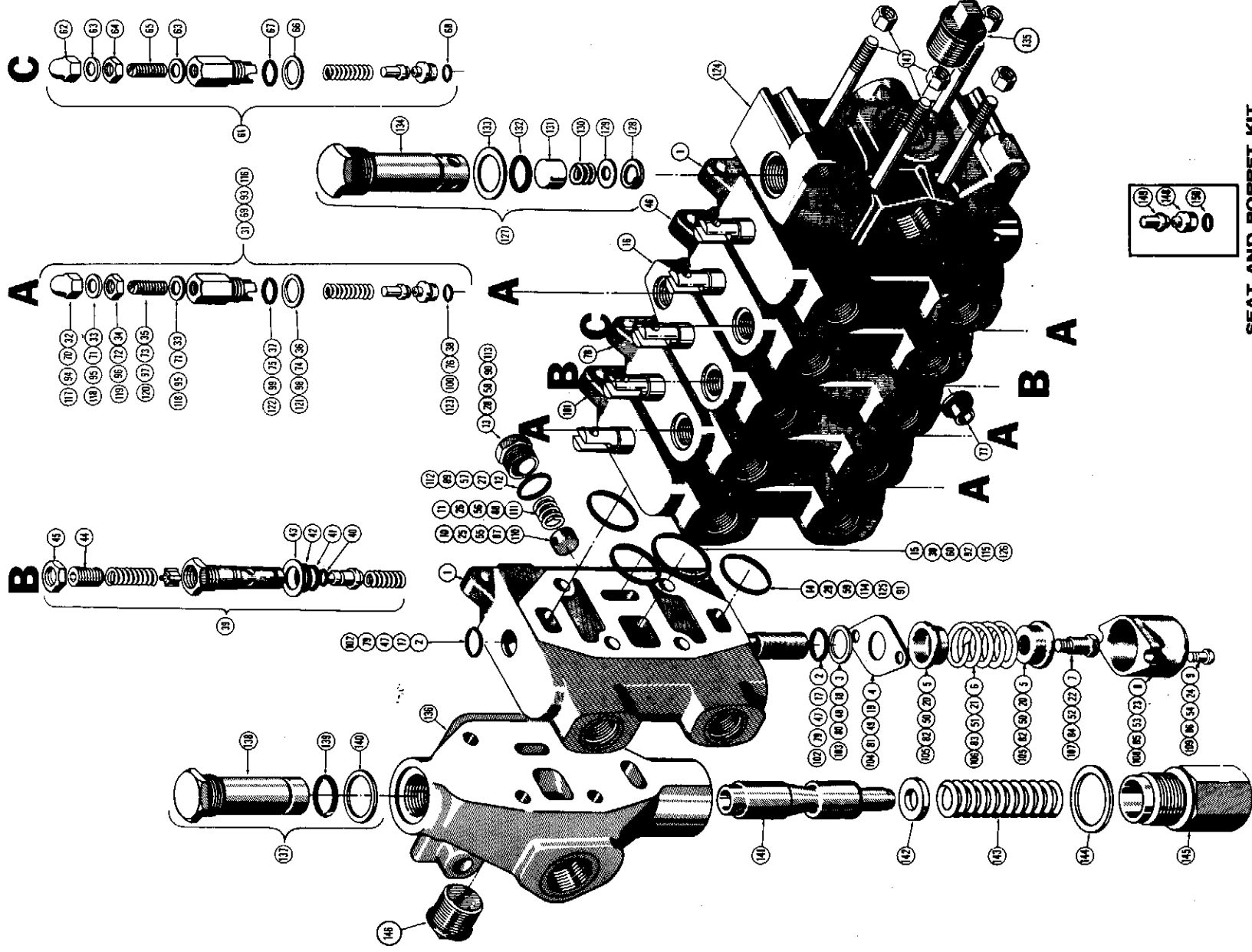
REF.	PART NO.	DESCRIPTION	REQ'D
147 D	31450	WASHER - gasket	1
148 D	26872	SEAL - "O"ring, outer	1
149 D	39188	KIT - seat and poppet	1
150	NSS	SEAT - cartridge	1
151	NSS	POPPET - cartridge	1
152 D	31411	SEAL - "O"ring, inner	1
153 D	36595	SECTION - valve, inlet	1
154 D	26819	SEAL - "O"ring, section	3
155 D	26820	SEAL - "O"ring, section	1
156 D	31416	VALVE - check, complete	1
157 D	26858	RING - spirolox	1
158 D	31420	RETAINER - spring	1
159 D	31419	SPRING - check valve	1
160 D	31418	POPPET - check valve	1
161 D	31410	SEAL - "O"ring	1
162 D	30681	WASHER - gasket	1
163 D	31417	CARTRIDGE - check valve	1
164 D	36598	SECTION - outlet	1
165 D	36806	PLUG ASSEMBLY - complete	1
166	NSS	PLUG - section	1
167 D	31410	SEAL - "O"ring	1
168 D	30681	GASKET - copper-lead	1
169 D	36599	SPOOL	1
170 D	36807	SPACER	1
171 D	36600	SPRING	1
172 D	36808	GASKET - cap	1
173 D	36805	CAP - valve	1
174 D	26846	STUD ASSEMBLY - valve	1



SEAT AND POPPET KIT FOR D32557 CARTRIDGE

32-S BACKHOE VALVE D36658

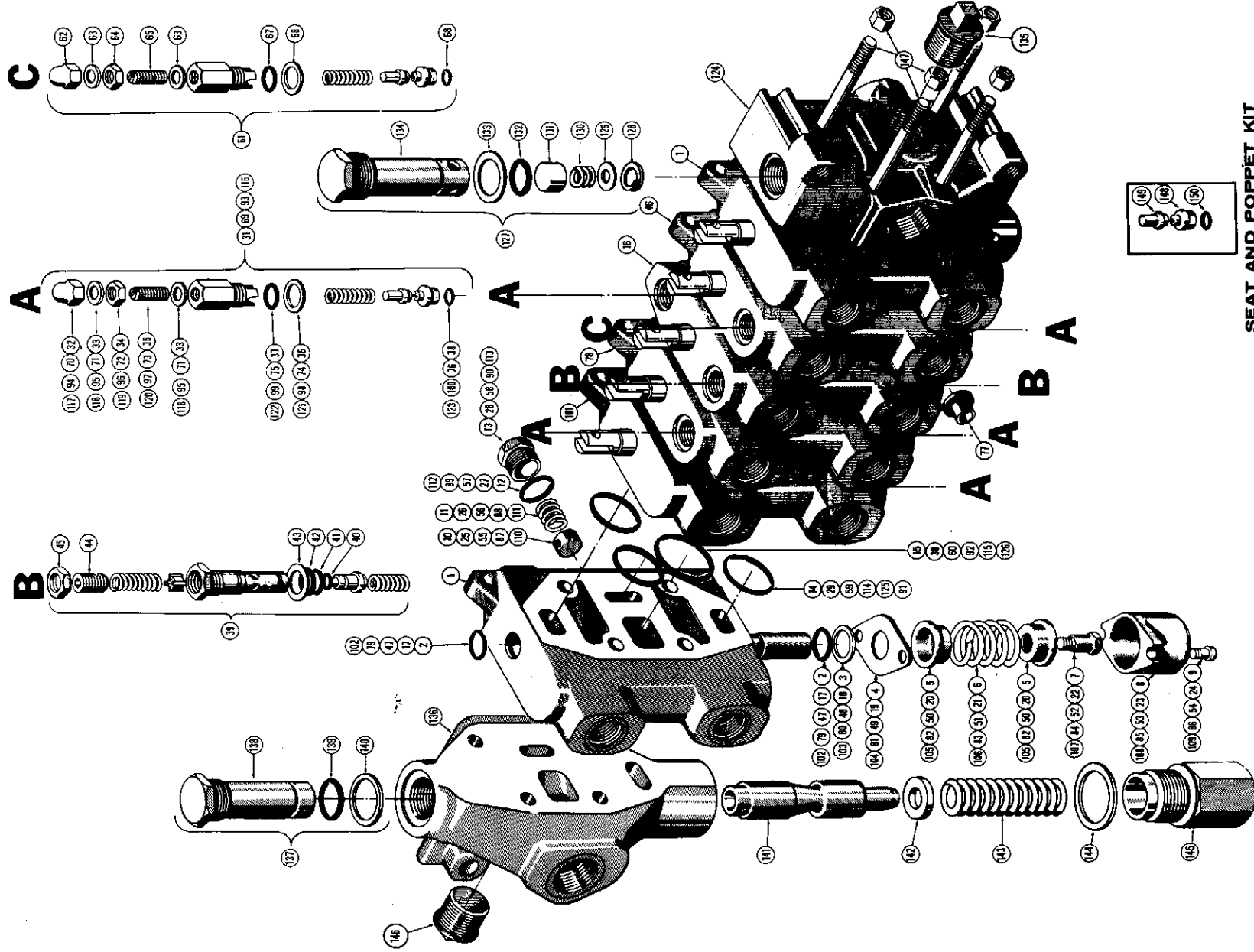
REF.	PART NO.	DESCRIPTION	REQ'D.
D 36658	AB	VALVE - control, backhoe	1
1 D 26842		SECTION - valve, stabilizer	2
2 O 8416	AB	SEAL - "O" ring, spool (For service of upper or lower "O" ring, use D36830)	2
D 36830		SEAL - quad ring	1
3 D 26829		RING - backup	1
4 D 26830		PLATE - retaining	1
5 D 26831		GUIDE - spring	2
6 D 26832		SPRING - centering	1
7 D 26833		BOLT - stripper	1
8 D 26823		CAP - valve	1
9 71- 412		SCREW - mach., sltd. fill. hd. (1/4" - 20 NC x 3/4")	2
10 D 26824		POPPET - check valve	1
11 D 26826		SPRING - check valve	1
12 G 46847		SEAL - "O" ring, cap	1
13 D 30696		CAP - check valve	1
14 D 26819		SEAL - "O" ring, section	3
15 D 26820		SEAL - "O" ring, section	1
16 D 36597		SECTION - valve, swing	1
17 O 8417	AB	SEAL - "O" ring, spool (For service of upper or lower "O" ring, use D36830)	2
D 36830		SEAL - quad ring	1
18 D 26829		RING - backup	1
19 D 26830		PLATE - retaining	1
20 D 26831		GUIDE - spring	2
21 D 26832		SPRING - centering	1
22 D 26833		BOLT - stripper	1
23 D 26823		CAP - valve	1
24 71- 412		SCREW - mach., sltd. fill. hd. (1/4" - 20 NC x 3/4")	2
25 D 26824		POPPET - check valve	1
26 D 26826		SPRING - check valve	1
27 G 46847		SEAL - "O" ring, cap	1
28 D 30696		CAP - check valve	1
29 D 26819		SEAL - "O" ring, section	3
30 D 26820		SEAL - "O" ring, section	1
31 D 32557		CARTRIDGE - secondary relief, adj. (For seat and poppet kit, see items 148-150)	1
32 129- 526		NUT - cap (3/8" - 24 NF)	1
33 D 32560		GASKET - copper-lead	2
34 25- 156		NUT - jam (3/8" - 24 NF)	1
35 176- 295		SCREW - set (3/8" - 24 NF x 1")	1
36 D 31450		WASHER - gasket	1
37 D 26872		SEAL - "O" ring, outer	1
38 D 31411		SEAL - "O" ring, inner	1
39 D 26838		CARTRIDGE - relief, cross-over (Color code - brown) 1300 P.S.I. preset at factory	2
40 D 31411		SEAL - "O" ring, poppet	1
41 D 31412		SEAL - "O" ring, shell (Lower)	1
42 D 31409		SEAL - "O" ring, shell (Upper)	1
43 D 26870		WASHER - gasket	1
44 D 26878		SCREW - set, adj.	1
45 D 26879		NUT - lock	1
46 D 36596		SECTION - valve, boom	1
47 O 8416	AB	SEAL - "O" ring, spool (For service of upper or lower "O" ring, use D36830)	2
D 36830		SEAL - quad ring	1



SEAT AND POPPET KIT
FOR D32557 CARTRIDGE

32-S BACKHOE VALVE D36658

REF.	PART NO.	DESCRIPTION	REQ'D
48 D	26829	RING - backup.	1
49 D	26830	PLATE - retaining	1
50 D	26831	GUIDE - spring	2
51 D	26832	SPRING - centering	1
52 D	26833	BOLT - stripper	1
53 D	26823	CAP - valve	1
54 71-	412	SCREW - mach., sltd. fill. hd. (1/4" - 20 NC x 3/4").	2
55 D	26824	POPPE T - check valve	1
56 D	26826	SPRING - check valve	1
57 G	46847	SEAL - "O" ring, cap.	1
58 D	30696	CAP - check valve	1
59 D	26819	SEAL - "O" ring, section	3
60 D	26820	SEAL - "O" ring, section	1
61 D	32556	CARTRIDGE - boom down pressure relief, adjustable	1
62 129-	526	NUT - cap, (3/8" - 24 NF)	1
63 D	32560	GASKET - copper-lead	2
64 25-	156	NUT - hex., jam (3/8" - 24 NF)	1
65 176-	295	SCREW - set, 3/8" - 24 NF x 1" long	1
66 D	31450	WASHER - gasket	1
67 D	26872	SEAL - "O" ring, outer.	1
68 D	31411	SEAL - "O" ring, inner.	1
69 D	32557	CARTRIDGE - boom down pressure relief, adj. (For seat and poppet kit, see item 148-150)	1
70 129-	526	NUT - cap, 3/8" - 24 NF.	1
71 D	32560	GASKET - copper-lead	2
72 25-	156	NUT - hex., jam (3/8" - 24 NF)	1
73 176-	295	SCREW - set, 3/8" - 24 NF x 1" long	1
74 D	31450	WASHER - gasket	1
75 D	26872	SEAL - "O" ring, outer	1
76 D	31411	SEAL - "O" ring, inner	1
77 D	27565	CHECK - restrictor (7/32" dia. orifice).	1
78 D	36812	SECTION - valve, crowd.	1
79 O	8416 AB	SEAL - "O" ring, spool (For service of upper or lower "O" ring, use D36830)	2
80 D	36830	SEAL - quad ring	1
81 D	26829	RING - backup	1
82 D	26830	PLATE - retaining	1
83 D	26831	GUIDE - spring	2
84 D	26832	SPRING - centering	1
84 D	26833	BOLT - stripper	1
85 D	26823	CAP - valve	1
86 71-	412	SCREW - mach. sltd. fill. hd. (1/4" - 20 NC x 3/4").	2
87 D	26824	POPPE T - check valve	1
88 D	26826	SPRING - check valve	1
89 G	46847	SEAL - "O" ring, cap.	1
90 D	30696	CAP - check valve	1
91 D	26819	SEAL - "O" ring, section	3
92 D	26820	SEAL - "O" ring, section	1
93 D	32557	CARTRIDGE - secondary relief, adj. (For seat and poppet kit see item 148-150)	2
94 129-	526	NUT - cap, (3/8" - 24 NF)	1
95 D	32560	GASKET - copper-lead	2
96 25-	156	NUT - jam, (3/8" - 24 NF)	1
97 176-	295	SCREW - set, 3/8" - 24 NF x 1" long	1
98 D	31450	WASHER - gasket	1



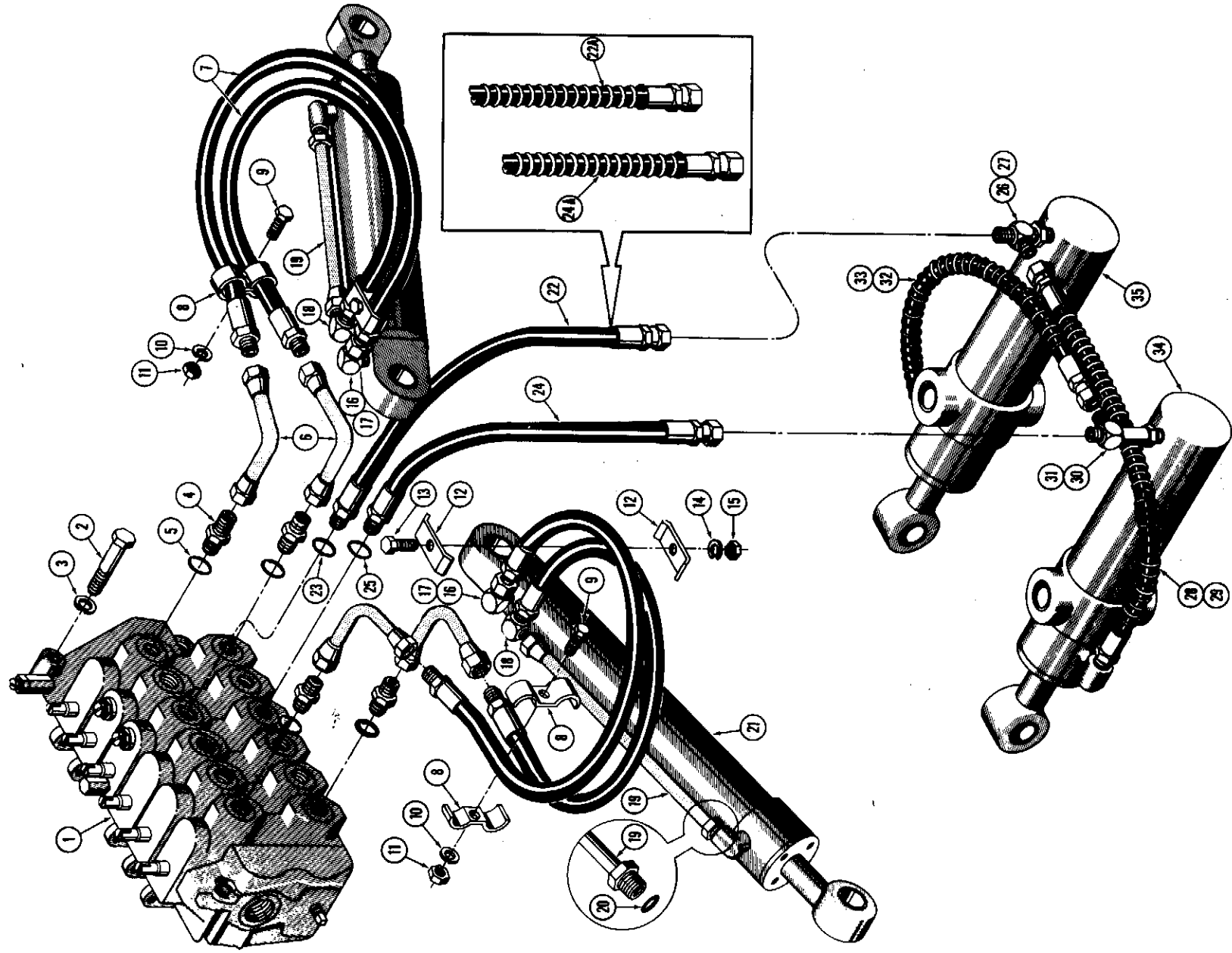
SEAT AND POPPET KIT
FOR D32557 CARTRIDGE

32-S BACKHOE VALVE D36658

REF.	PART NO.	DESCRIPTION	REQ'D.
99 D	26872	SEAL - "O" ring, outer.	1
100 D	31411	SEAL - "O" ring, inner.	1
101 D	36823	SECTION - valve, bucket	1
102 O	8416 AB	SEAL - "O" ring, spool (For service of upper or lower "O" ring use D36830)	2
D	36830	SEAL - quad ring	1
103 D	26829	RING - backup.	1
104 D	26830	PLATE - retaining	1
105 D	26831	GUIDE - spring	2
106 D	26832	SPRING - centering	1
107 D	26833	BOLT - stripper	1
108 D	26823	CAP - valve	1
109 71-	412	SCREW - mach. sltd. fill. hd. (1/4" - 20 NC x 3/4")	2
110 D	26824	POPPET - check valve.	1
111 D	26826	SPRING - check valve.	1
112 G	46847	SEAL - "O" ring, cap	1
113 D	30696	CAP - check valve	1
114 D	26819	SEAL - "O" ring, section	3
115 D	26820	SEAL - "O" ring, section	1
116 D	32557	CARTRIDGE - secondary relief, adj. (For seat and poppet kit, see item 148-150)	1
117 129-	526	NUT - cap, (3/8" - 24 NF)	1
118 D	32560	GASKET - copper-lead.	2
119 25-	156	NUT - jam, (3/8" - 24 NF)	1
120 176-	295	SCREW - set, 3/8" - 24 NF x 1"	1
121 D	31450	WASHER - gasket	1
122 D	26872	SEAL - "O" ring, outer.	1
123 D	31411	SEAL - "O" ring, inner	1
124 D	37349	SECTION - valve, inlet.	1
125 D	26819	SEAL - "O" ring, section	3
126 D	26820	SEAL - "O" ring, section	1
127 D	31416	VALVE - check complete	1
128 D	26858	RING - spirolox	1
129 D	31420	RETAINER - spring	1
130 D	31419	SPRING - check valve.	1
131 D	31418	POPPET - check valve.	1
132 D	31410	SEAL - "O" ring	1
133 D	30681	WASHER - gasket	1
134 D	31417	CARTRIDGE - check valve	1
135 221-	14	PLUG - pipe, sq. hd. (1/2" NPT)	1
136 D	37146	SECTION - outlet	1
137 D	36806	PLUG ASSEMBLY - complete	1
138	NSS	PLUG	1
139 D	31410	SEAL	1
140 D	30681	GASKET - copper-lead.	1
141 D	36599	SPOOL.	1
142 D	36807	SPACER.	1
143 D	36600	SPRING	1
144 D	36808	GASKET - cap.	1
145 D	36805	CAP - valve	1
146 221-	14	PLUG - pipe, sq. hd. (1/2" NPT)	1
147 D	26846	STUD ASSEMBLY - valve	1

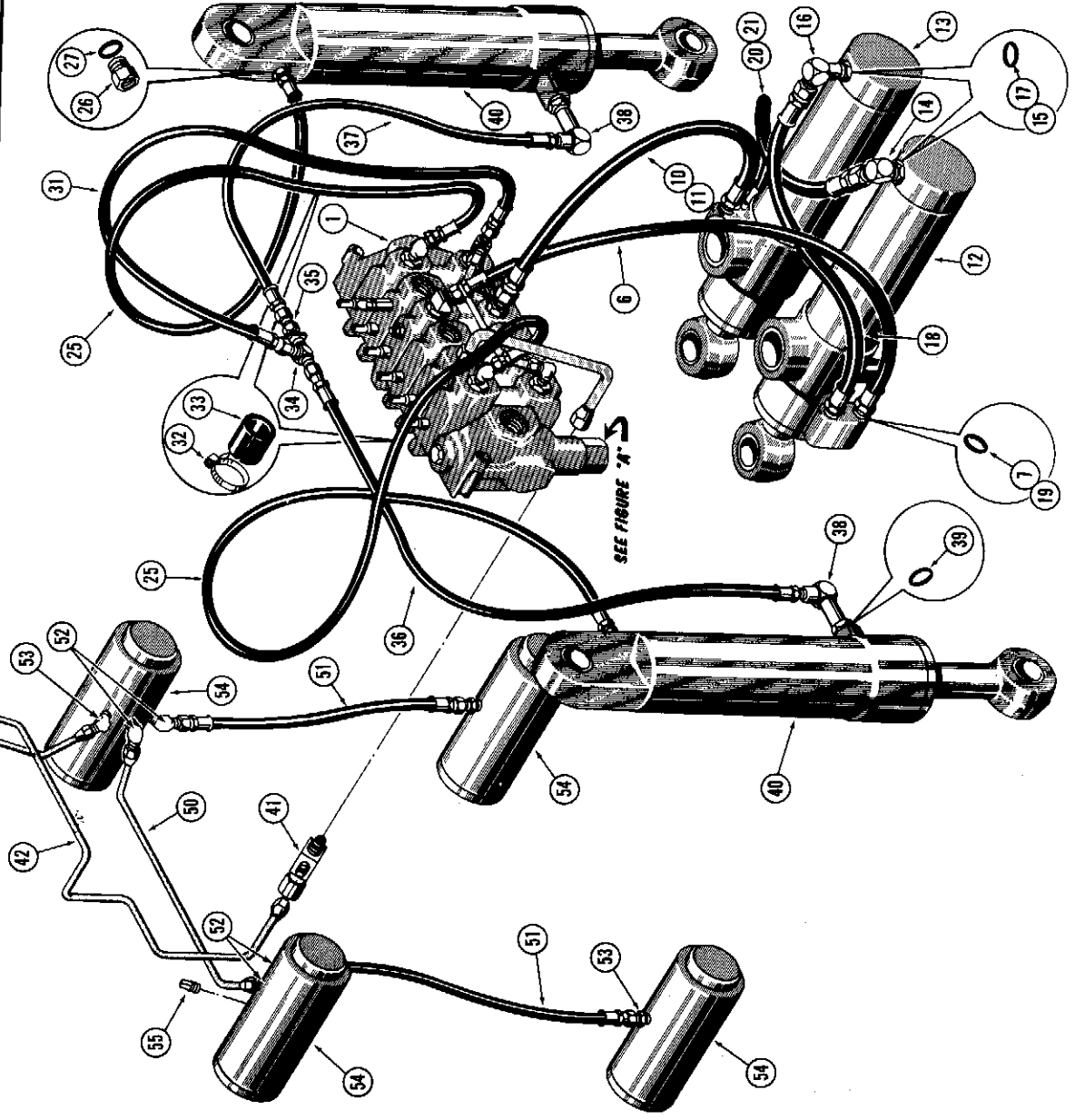
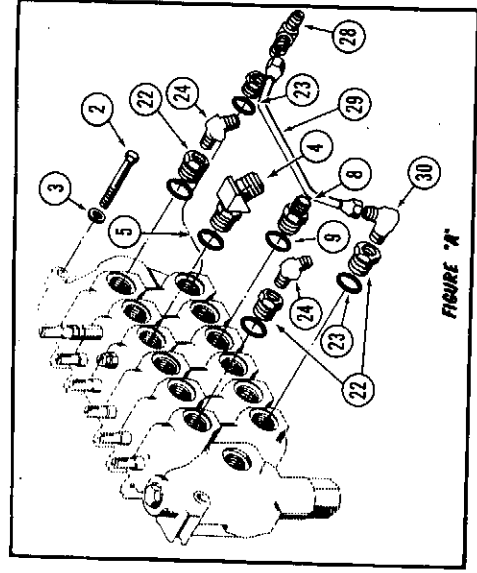
SEAT AND POPPET KIT (D32557 CARTRIDGE)

D	39188	KIT - seat and poppet.	1
148	NSS	SEAT.	1
149	NSS	POPPET	1
150 D	31411	SEAL - "O" ring	1



SWING AND STABILIZER CYLINDER HYDRAULICS

REF.	PART NO.	DESCRIPTION	REQ'D
1	D 30776	VALVE - backhoe control (Parts list p. 111) Used before backhoe sn. 4102456 (When stock is exhausted, use D36122)	1
	D 36122	VALVE - backhoe control (Parts list p. 119) Used on backhoe sn. 4102456 and after	1
2	13- 660	HHCS - 3/8" - 16 NC - 3-3/4"	3
3	92- 6	WASHER - med. sect. lock (3/8")	3
STABILIZER CYLINDER HYDRAULICS			
4	D 31544	CONNECTOR - str. (3/4" JIC x 1/2" JIC)	4
5	218- 5008	SEAL - "O" ring, D31544 connector	1
6	D 31538	TUBE - from valve	4
7	D 31540	HOSE - to stab. cyl. (3/8" I.D. x 7/8" O.D. x 21-1/8")	4
8	R 15257	CLAMP - plate, rubberized	4
9	13- 520	HHCS - 5/16" - 18 NC x 1-1/4"	2
10	95- 5	WASHER - std. wrot (5/16")	2
11	131- 4	NUT - hex., lock (5/16" - 18 NC)	2
12	32978	CLAMP - plate, at cyl.	4
13	13- 528	HHCS - 5/16" - 18 NC x 1-3/4"	2
14	95- 5	WASHER - std. wrot (5/16")	2
15	131- 4	NUT - hex., lock (5/16" - 18 NC)	2
16	D 23974	ELBOW - adj., 90° street (3/8" NPT x 5/8" JIC) Rear cyl. port	2
17	218- 5007	SEAL - "O" ring, D29313 elbow	1
18	D 26361	ELBOW - 90°, hose to tube on cyl. (3/8" NPT x 5/8" JIC)	1
19	D 27859	TUBE - to front cyl. port	2
20	218- 5007	SEAL - "O" ring, D27859 tube	1
21	D 27754	CYLINDER - stabilizer (Parts list p. 137)	2
SWING CYLINDER HYDRAULICS			
22	D 30796	HOSE - L.H. cyl. to upper valve port (1/2" I.D. x 1" O.D. x 22" long)	1
22A	D 32646	HOSE - L.H. cyl. to upper valve port (1/2" I.D. x 1" O.D. x 22" long) Used on units with Draft-O-Matic only	1
23	218- 5008	SEAL - "O" ring, D30796 and D32646 hose	1
24	D 30792	HOSE - R.H. cyl. to lower valve port (1/2" I.D. x 1" O.D. x 23" long)	1
24A	D 32647	HOSE - R.H. cyl. to lower valve port (1/2" I.D. x 1" O.D. x 23" long) Used on units with Draft-O-Matic only	1
25	218- 5008	SEAL - "O" ring, D30792 and D32647 hose	1
26	D 25137	TEE - adj. male, L.H. cyl. (5/8" JIC)	1
27	218- 5007	SEAL - "O" ring, D25137 tee	1
28	D 30793	HOSE - tee at L.H. cyl. to front port of R.H. cyl. (1/2" I.D. x 1" O.D. x 23" long)	1
29	218- 5007	SEAL - "O" ring, D30793 hose	1
30	D 24568	TEE - adj. male, R.H. cyl. (5/8" JIC)	1
31	218- 5007	SEAL - "O" ring, D24568 tee	1
32	D 30795	HOSE - tee at R.H. cyl. to front port of L.H. cyl. (1/2" I.D. x 1" O.D. x 23" long)	1
33	218- 5007	SEAL - "O" ring, D30795 hose	1
34	D 30745	CYLINDER - swing, R.H. (Parts list p. 137)	1
35	D 30746	CYLINDER - swing, L.H. (Parts list p. 137)	1



SWING, STABILIZER, AND LOCKING CYLINDER HYDRAULICS FOR MODEL 32-S BACKHOE

REF.	PART NO.	DESCRIPTION	REQ'D.
1	D 36658	VALVE - hyd. control (Parts list p. 125B)	1
2	13- 656	HHCS - 3/8" - 16 NC x 3-1/2"	3
3	92- 6	WASHER - med. sect. lock (3/8")	3

SWING CYLINDER HYDRAULICS

4	D 36932	ELBOW - 45°, top valve port (3/4" JIC x 1/2" JIC)	1
5	218- 5008	SEAL - "O" ring, D36932 elbow	1
6	D 37219	HOSE - to R.H. swing cyl. (30")	1
7	218- 5006	SEAL - "O" ring, D37219 hose	1
8	D 31544	CONNECTOR - str., bottom valve port (3/4" JIC x 1/2" JIC)	1
9	218- 5008	SEAL - "O" ring, D31544 connector	1
10	D 37219	HOSE - to L.H. swing cyl. (30" long)	1
11	218- 5006	SEAL - "O" ring, D37219 hose	1
12	D 36878	CYLINDER - swing, R.H. (Parts list p. 137B)	1
13	D 36879	CYLINDER - swing, L.H. (Parts list p. 137B)	1
14	D 36934	ELBOW - 90° rear port of R.H. cylinder (5/8" JIC x 1/2" JIC)	1
15	218- 5007	SEAL - "O" ring, D36934 elbow	1
16	D 25667	ELBOW - 90° rear port of L.H. cyl. (5/8" JIC x 1/2" JIC)	1
17	218- 5007	SEAL - "O" ring, D25667 elbow	1
18	D 39140	HOSE - from D25667 elbow (22" long)	1
19	218- 5006	SEAL - "O" ring, D39140 hose	1
20	D 39140	HOSE - from D36934 elbow (22" long)	1
21	218- 5006	SEAL - "O" ring, D39140 hose	1

STABILIZER CYLINDER HYDRAULICS

22	D 36928	ADAPTER - valve ports (3/4" JIC x 1/4" NPT)	4
23	218- 5008	SEAL - "O" ring, D36928 adapter	1
24	218- 1093	ELBOW - 45° top ports (1/4" NPT x 5/16" JIC)	2
25	D 36910	HOSE - to top port, stab. cyl. (57-1/2" long)	2
26	D 36929	ADAPTER - upper ports, stab. cyl. (1/4" NPT x 5/8" JIC)	2
27	218- 5007	SEAL - "O" ring, D36929 adapter	1
28	D 36933	TEE - bottom valve port (1/4" NPT x 5/16" JIC)	1
29	D 36915	TUBE - cross-over	1
30	218- 1052	ELBOW - 90° (5/16" JIC x 1/4" NPT)	1
31	D 36912	HOSE - from lower valve port (43-3/4" long)	1
32	214- 256	CLAMP - hose	2
33	D 36954	GROMMET - rubber, 214-256 clamp	2
34	D 36931	TEE - special (5/16" JIC)	1
35	25- 158	NUT - hex., jam (1/2" - 2 NF)	1
36	D 36911	HOSE - to R. H. stab. cyl. (35" long)	1
37	D 36913	HOSE - to L.H. stab. cyl. (24-1/2" long)	1
38	D 36927	ELBOW - 90°, lower stab. cyl. (1/4" NPT x 5/8" JIC)	2
39	218- 5007	SEAL - "O" ring, D36927 elbow	1
40	D 35683	CYLINDER - stabilizer (Parts list p. 137B)	2

LOCKING CYLINDER HYDRAULICS

41	D 36674	TEE - special, in bucket cyl. line (3/4" JIC x 5/16" JIC)	1
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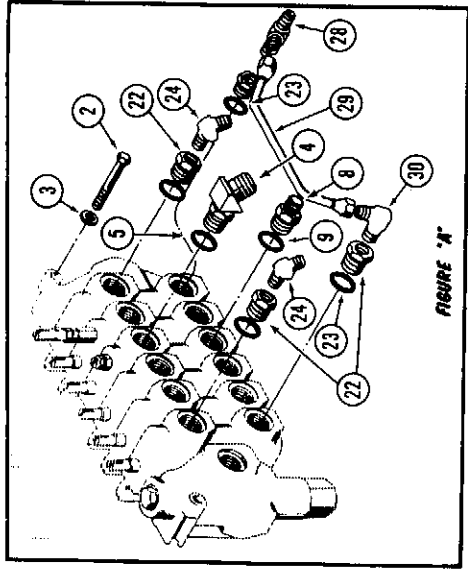
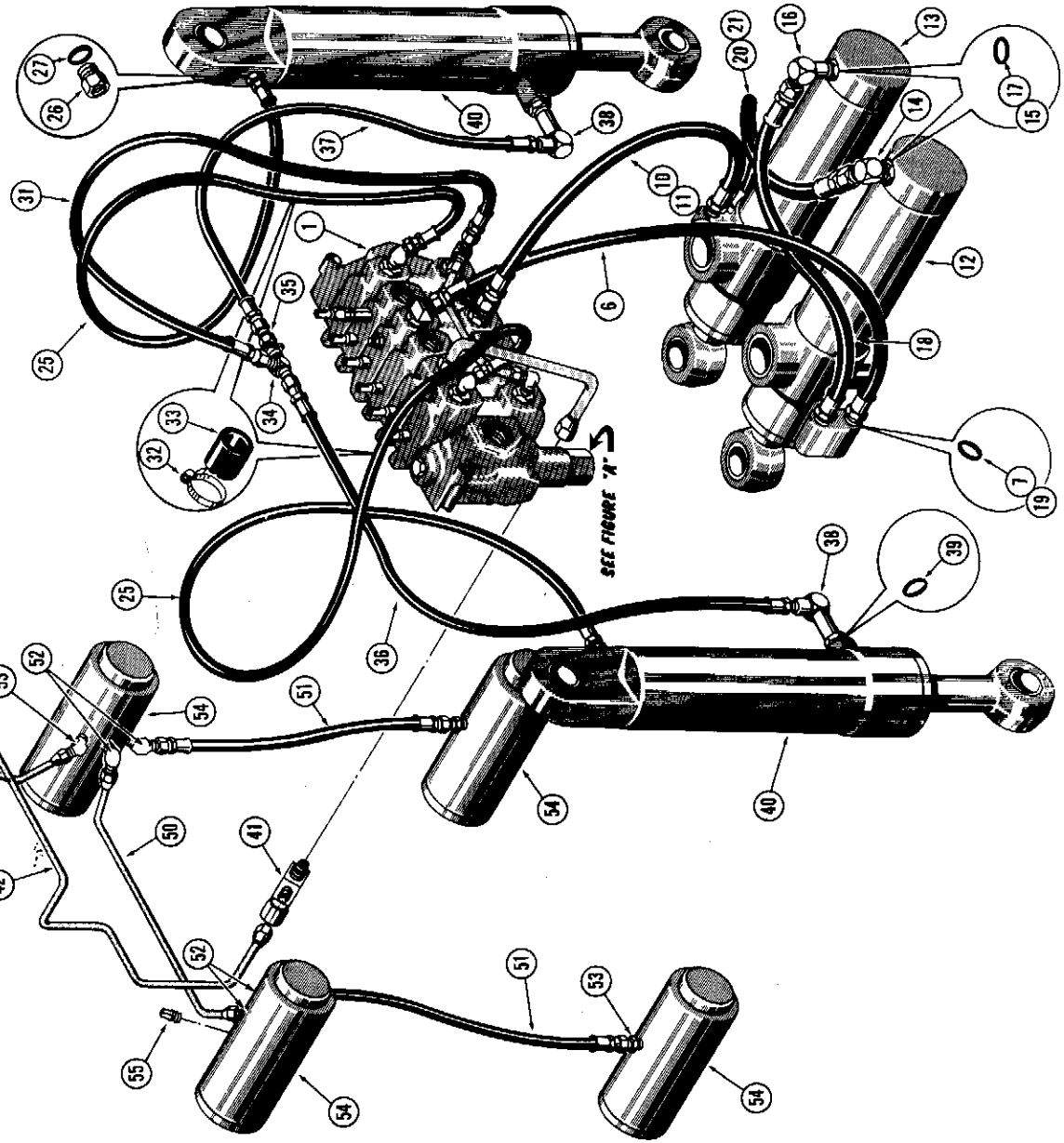
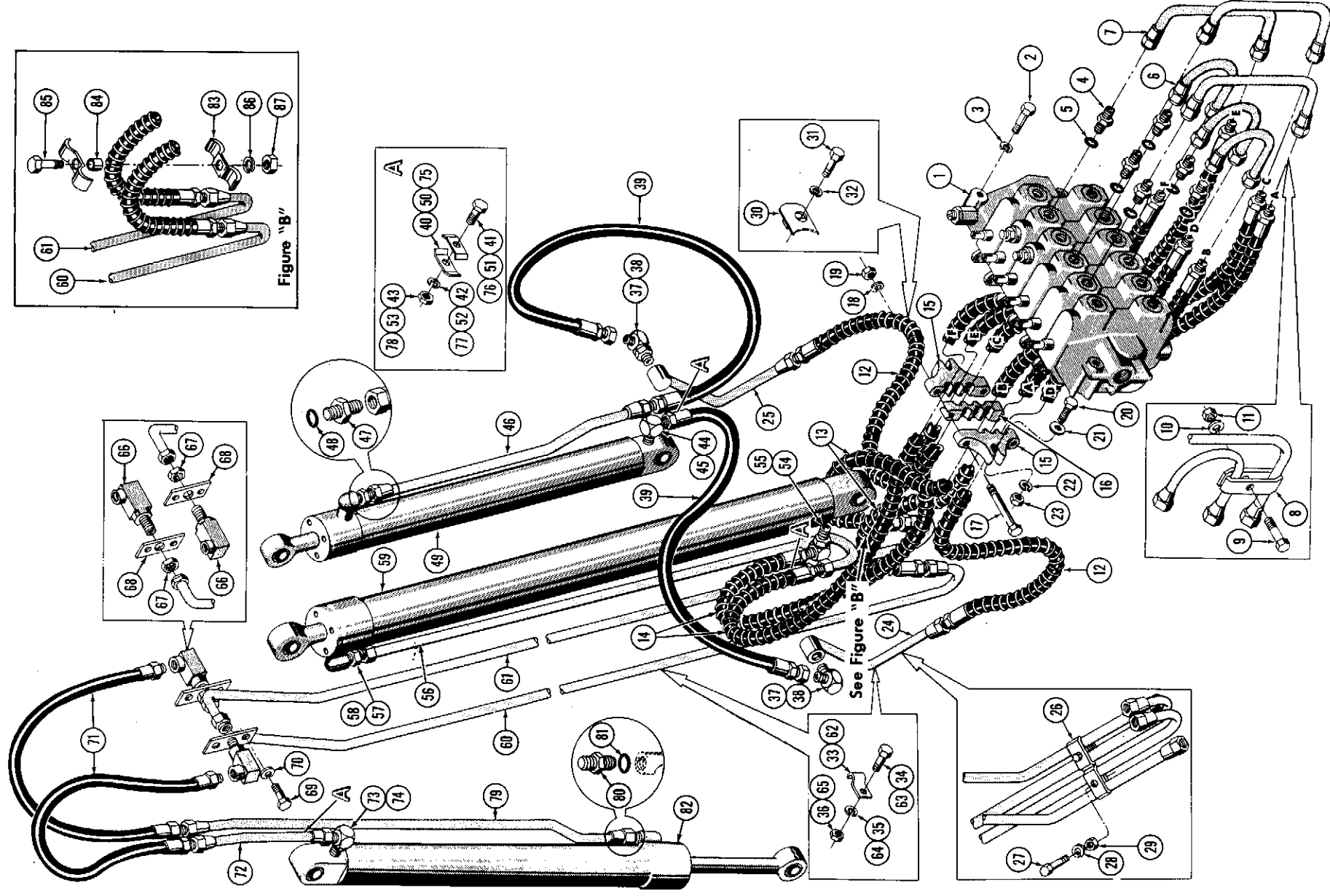


FIGURE 'X'



SWING. STABILIZER. AND LOCKING CYLINDER HYDRAULICS FOR MODEL 32-S BACKHOE

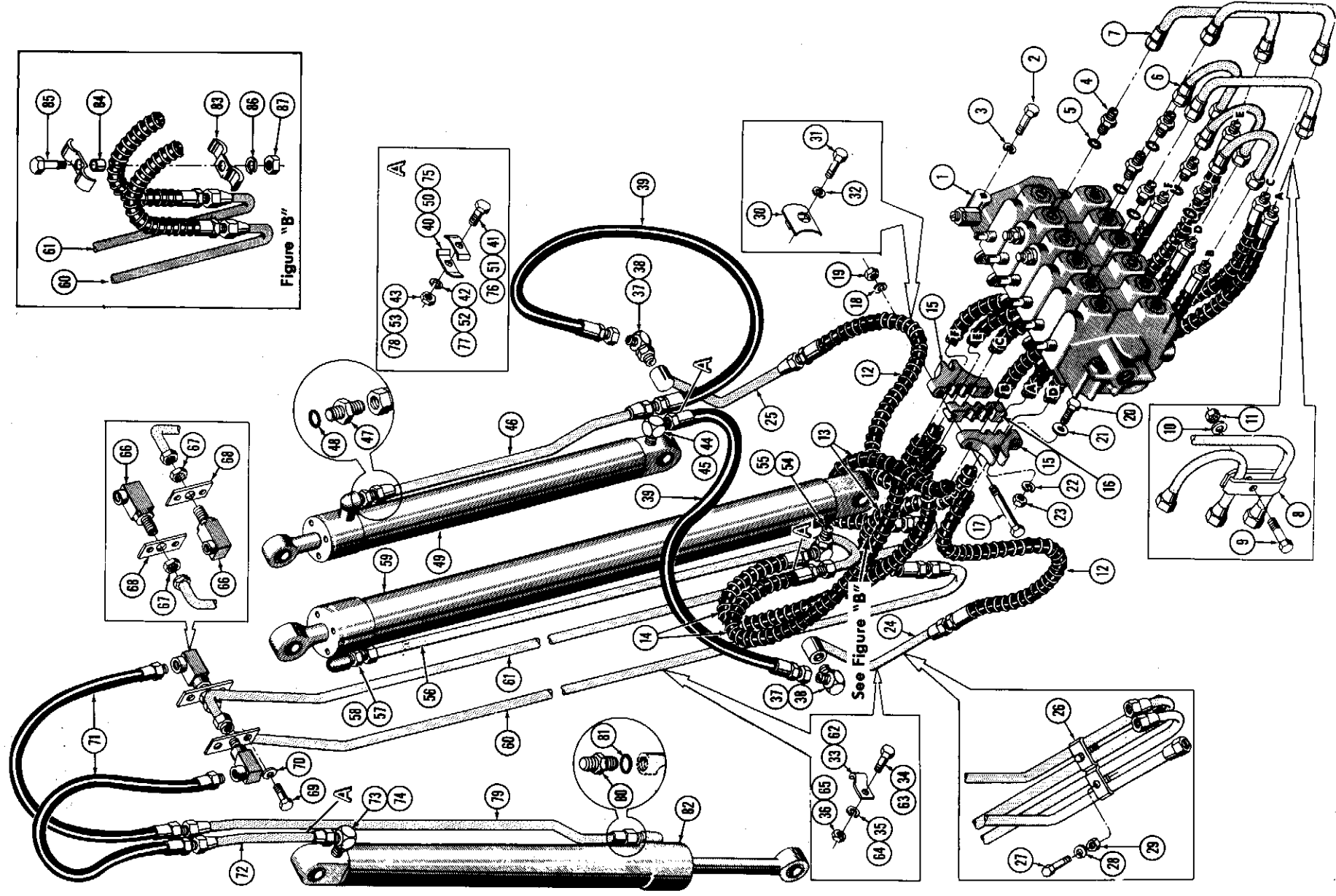
REF.	PART NO.	DESCRIPTION	REQ'D.
42	D 36656	TUBE - to locking valve (Long)	1
43	218- 1052	ELBOW - 90°, at locking valve (5/16" JIC x 1/4" NPT)	1
44	D 36662	VALVE - hyd. locking (Parts list p. 135B)	1
45	13- 436	HHCS - 1/4" - 20 NC x 2-1/4" (valve mtg.)	2
46	D 37342	SPACER - valve mtg.	2
47	92- 4	WASHER - med. sect. lock	2
48	25- 104	NUT - hex. (1/4" - 20 NC)	2
49	D 39044	TUBE - from locking valve (short)	1
50	D 36925	TUBE - cross-over, between locking cyl.	1
51	D 36959	HOSE - to lower locking cyl. (21-1/2" long)	2
52	218- 1093	ELBOW - 45°, top locking cyl. (5/16" JIC x 1/4" NPT)	4
53	218- 1023	ADAPTER - bottom locking cyl. (5/16" JIC x 1/4" NPT)	2
54	NSS	CYLINDER - locking, not serviced complete, (Parts list p. 81B)	4
55	221- 12	PLUG - pipe, sp. hd. (1/4" NPT)	1



BOOM, CROWD, AND BUCKET CYLINDER HYDRAULICS (BEFORE BACKHOE S/N 4101401)

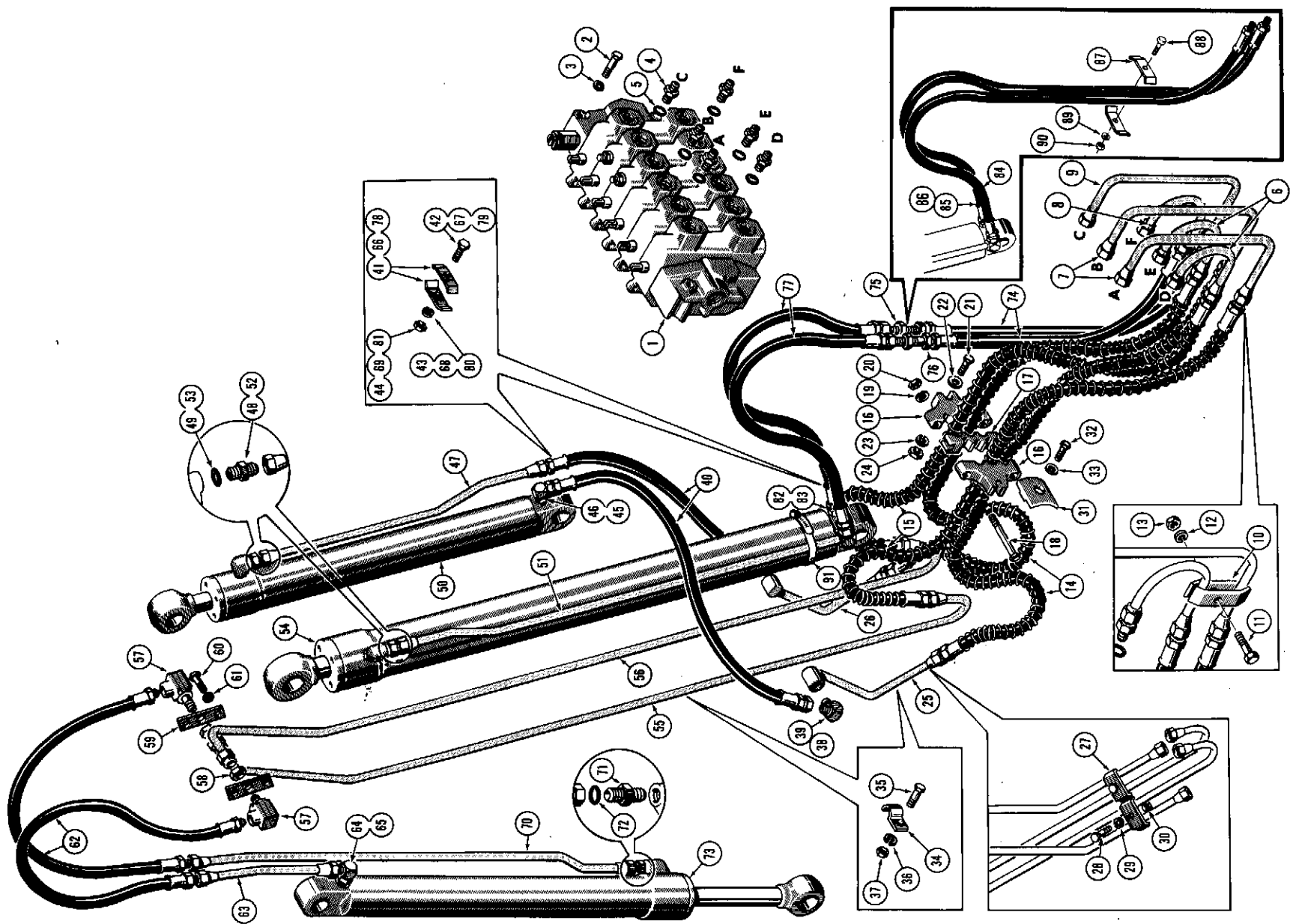
REF.	PART NO.	DESCRIPTION	REQ'D
1	D 30776	VALVE - control (Parts list p. 111) When stock is exhausted, use D36122 (See p. 119)	1
2	13- 660	HHCS - 3/8" - 16 NC x 3-3/4"	3
3	92- 6	WASHER - med. sect. lock (3/8")	3
4	218- 5064	CONNECTOR - str. (3/4" JIC x 3/4" JIC)	6
5	218- 5008	SEAL - "O" ring, 218-5064 con.	1
6	D 30771	TUBE - from lower valve ports	3
7	D 30773	TUBE - from upper valve ports	3
8	D 20045	CLAMP - plate, tubes from valve	6
9	13- 528	HHCS - 5/16" - 18 NC x 1-3/4"	3
10	92- 5	WASHER - med. sect. lock (5/16")	3
11	25- 105	NUT - hex. (5/16" - 18 NC)	3
12	D 30786	HOSE - valve to crowd cyl. (1/2" I.D. x 1" O.D. x 40" long)	2
13	D 30788	HOSE - valve to bucket cyl. (1/2" I.D. x 1" O.D. x 49" long)	2
14	D 30790	HOSE - valve to boom cyl. (1/2" I.D. x 1" O.D. x 50" long)	2
15	D 26125	CLAMP - at tower, ends	2
16	D 26124	CLAMP - at tower, center	2
17	13- 552	HHCS - 5/16" - 18 NC x 3-1/4"	1
18	92- 5	WASHER - med. sect. lock (5/16")	2
19	131- 351	NUT - hex. lock (5/16" - 18 NC)	2
20	13- 532	HHCS - 5/16" - 18 NC x 2"	2
21	95- 5	WASHER - std. wrot (5/16")	2
22	92- 5	WASHER - med. sect. lock (5/16")	2
23	131- 351	NUT - hex. lock (5/16" - 18 NC)	2
24	D 30781	TUBE - in boom, to crowd cyl. (R.H.)	1
25	D 30782	TUBE - in boom, to crowd cyl. (L.H.)	1
26	32978	CLAMP - plate, tubes in boom	4
27	13- 528	HHCS - 5/16" - 18 NC x 1-3/4"	2
28	92- 5	WASHER - med. sect. lock (5/16")	2
29	25- 105	NUT - hex. (5/16" - 18 NC)	2
30	D 30779	CLAMP - hose, on bottom of boom	1
31	13- 812	HHCS - 1/2" - 13 NC x 3/4"	1
32	92- 8	WASHER - med. sect. lock (1/2")	1
33	D 30604	CLAMP - tube to crowd cyl.	2
34	13- 620	HHCS - 3/8" - 16 NC x 1-1/4"	2
35	92- 6	WASHER - med. sect. lock (3/8")	2
36	25- 106	NUT - hex., (3/8" - 16 NC)	2
37	218- 5108	ELBOW - 90° (3/4" JIC x 3/4" JIC)	2
38	218- 5008	SEAL - "O" ring, 218-5108 elbow	1
39	D 31794	HOSE - elbow to crowd cyl. (3/4" I.D. x 1-1/4" O.D. x 29" long)	2
40	D 20045	CLAMP - plate, D30784 hoses	4
41	13- 536	HHCS - 5/16" - 18 NC x 2-1/4"	1
42	92- 5	WASHER - med. sect. lock (5/16")	1
43	25- 105	NUT - hex. (5/16" - 18 NC)	1
44	D 25567	ELBOW - 90° (3/4" JIC x 5/8" JIC)	1
45	218- 5007	SEAL - "O" ring, D25567 elbow	1
46	D 29026	TUBE - crowd cyl.	1
47	218- 5065	CONNECTOR - tube to cyl. (3/4" JIC x 5/8" JIC)	1
48	218- 5007	SEAL - "O" ring, 218-5065 connector	1
49	D 27752	CYLINDER - crowd, hyd. (Parts list p. 139)	1
50	D 20045	CLAMP - plate, boom cyl. hoses	2

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BOOM, CROWD, AND BUCKET CYLINDER HYDRAULICS (BEFORE BACKHOE S/N 4101401)

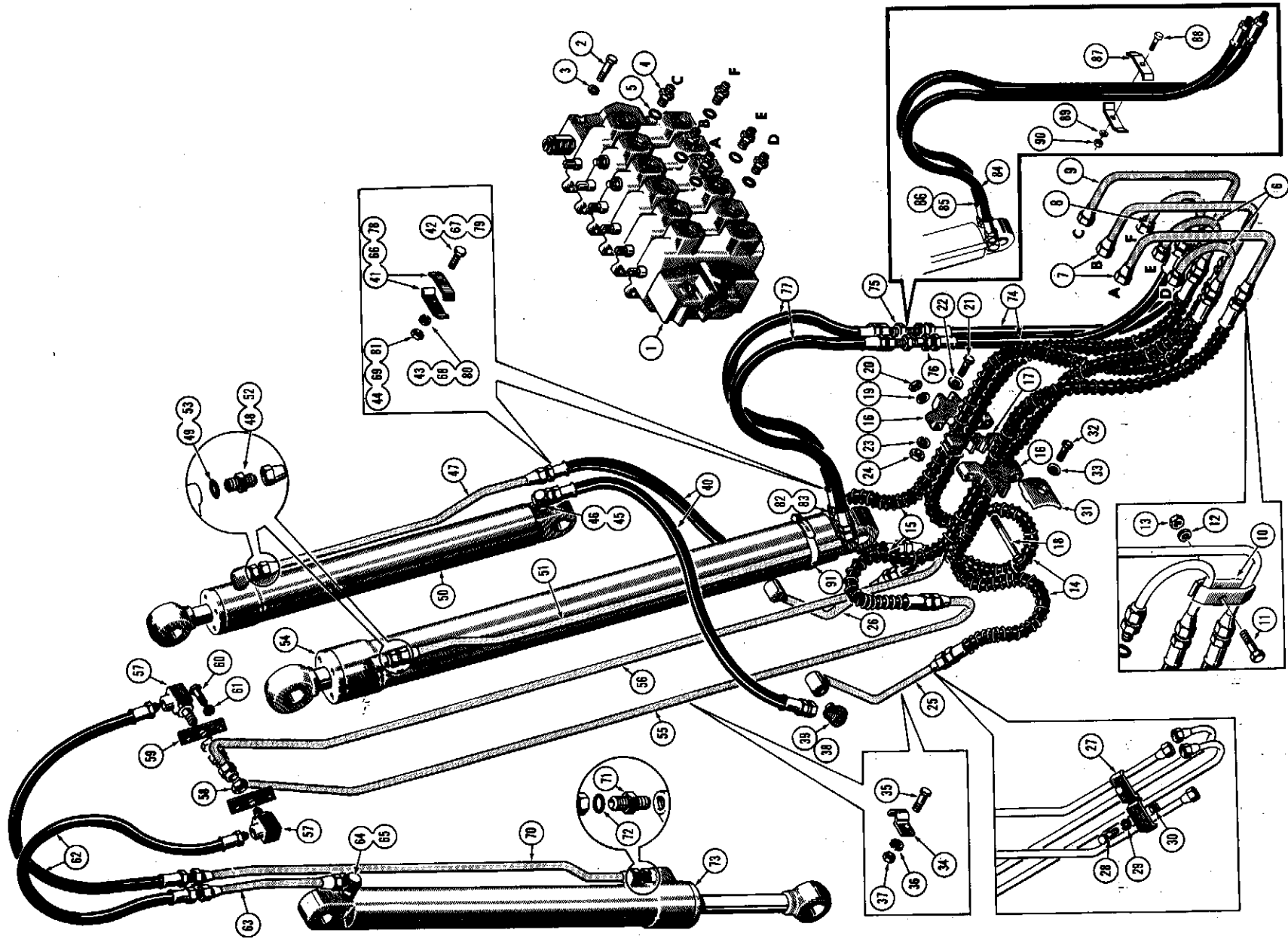
REF.	PART NO.	DESCRIPTION	REQ'D
51	13- 536	HHCS - 5/16" - 18 NC x 2-1/4"	1
52	92- 5	WASHER - med. sect. lock (5/16")	1
53	25- 105	NUT - hex. (5/16" - 18 NC)	1
54	D 25567	ELBOW - 90° (3/4" JIC x 5/8" JIC)	1
55	218- 5007	SEAL - "O" ring, D25567 elbow	1
56	D 29020	TUBE - boom cyl.	1
57	218- 5065	CONNECTOR - tube to cyl. (3/4" JIC x 5/8" JIC)	1
58	218- 5007	SEAL - "O" ring, 218-5065 connector	1
59	D 27751	CYLINDER - boom (Parts list p. 139)	1
60	D 30798	TUBE - in boom, to bucket cyl. (R.H.)	1
61	D 30800	TUBE - in boom, to bucket cyl. (L.H.)	1
62	D 30604	CLAMP - bucket cyl. tubes	2
63	13- 620	HHCS - 3/8" - 16 NC x 1-1/4"	2
64	92- 6	WASHER - med. sect. lock (3/8")	2
65	25- 106	NUT - hex. (3/8" - 16 NC)	2
66	D 25568	ELBOW - 90° special, on boom	2
67	D 26231	NUT - jam, elbow (1-1/16" - 12 NF)	2
68	D 25585	PLATE - spacer	2
69	13- 620	HHCS - 3/8" - 16 NC x 1-1/4"	4
70	92- 6	WASHER - med. sect. lock (3/8")	4
71	D 28705	HOSE - elbow to bucket cyl. (3/4" I.D. x 1-1/4" O.D. x 40" long)	2
72	D 28701	TUBE - to upper cyl. port	1
73	D 29620	ELBOW - upper cyl. port	1
74	218- 5007	SEAL - "O" ring, D25566 elbow	1
75	D 20045	CLAMP - plate, bucket cyl. tubes	2
76	13- 528	HHCS - 5/16" - 18 NC x 1-3/4"	1
77	92- 5	WASHER - med. sect. lock (5/16")	1
78	25- 105	NUT - hex. (5/16" - 18 NC)	1
79	D 29022	TUBE - to lower cyl. port	1
80	218- 5065	CONNECTOR - lower cyl. port (3/4" JIC x 5/8" JIC)	1
81	218- 5007	SEAL - "O" ring, 218-5065 connector	1
82	D 30769	CYLINDER - bucket (Parts list p. 141)	1
83	R 15257	CLAMP - plate, plastic coated (Bucket cyl. hoses in boom)	2
84	O 5652 HT	SPACER - clamp spacing	1
85	13- 524	HHCS - 5/16" - 18 NC x 1-1/2"	1
86	92- 5	WASHER - med. sect. lock (5/16")	1
87	25- 105	NUT - hex. (5/16" - 18 NC)	1



BOOM, CROWD, AND BUCKET CYLINDER HYDRAULICS (BACKHOE S/N 4101401 AND AFTER)

REF.	PART NO.	DESCRIPTION	REQ'D
1	D 30776	VALVE - basic 32 backhoe control, used before backhoe S/N 4102456 (When stock is exhausted, Use D36122) Parts list p. 111	1
D	36122	VALVE - basic 32 backhoe control, used on backhoe S/N 4102456 and after (Parts list p. 119)	1
D	36658	VALVE - Model 32-S backhoe control (Parts list p. 125-B)	1
2	13- 660	HHCS - 3/8" - 16 NC x 3-3/4" (Use on basic 32 backhoe model)	3
13-	656	HHCS - 3/8" - 16 NC x 3-1/2" (Use on Model 32-S backhoe)	3
3	92-	WASHER - med. sect. lock (3/8")	3
4	218- 5064	CONNECTOR - str. (3/4" JIC)	3
5	218- 5008	SEAL - "O" ring, 218-5064	6
6	D 30771	TUBE - from lower valve port	1
7	D 30773	TUBE - from upper valve port	2-3
8	36923	TUBE - from lower valve port to boom cylinder (Use on Model 32-S backhoe)	2-3
9	D 36654	TUBE - from upper valve port to boom cylinder (Use on Model 32-S backhoe)	1
10	D 20045	CLAMP - D30771 and D30773 tubes	1
11	13- 528	HHCS - 5/16" - 18 NC x 1-3/4"	6
12	95- 5	WASHER - med. sect. lock (5/16")	3
13	131- 4	NUT - lock (5/16" - 18 NC)	3
14	D 30786	HOSE - valve to crowd cyl. (1/2" I.D. x 1" O.D. x 40" long)	3
15	D 30788	HOSE - valve to bucket cyl. (1/2" I.D. x 1" O.D. x 49" long)	2
16	D 26125	CLAMP - hoses at tower, ends	2
17	D 26124	CLAMP - hoses at tower, center	2
18	13- 552	HHCS - 5/16" - 18 NC x 3-1/4"	1
19	92- 5	WASHER - med. sect. lock (5/16")	2
20	131- 351	NUT - hex., lock (5/16" - 18 NC)	2
21	13- 532	HHCS - 5/16" - 18 NC x 2"	2
22	95- 5	WASHER - std. wrot (5/16")	2
23	92- 5	WASHER - med. sect. lock (5/16")	2
24	131- 351	NUT - hex., lock (5/16" - 18 NC)	2
25	D 30781	TUBE - intermediate, to crowd cyl. (R.H.)	2
26	D 30782	TUBE - intermediate, to crowd cyl. (L.H.)	1
27	32978	CLAMP - plate, bucket and crowd intermediate tube	1
28	13- 528	HHCS - 5/16" - 18 NC x 1-3/4"	4
29	95- 5	WASHER - std. wrot (5/16")	2
30	131- 4	NUT - hex., lock (5/16")	2
31	D 30779	CLAMP - hose, on bottom of boom	2
32	13- 812	HHCS - 1/2" - 13 NC x 3/4"	1
33	92- 8	WASHER - med. sect. lock (1/2")	1
34	D 30604	CLAMP - crowd and bucket cyl. tubes	4
35	13- 620	HHCS - 3/8" - 16 NC x 1-1/4"	4
36	92- 6	WASHER - med. sect. lock (3/8")	4
37	131- 6	NUT - hex., lock (3/8" - 16 NC)	4
38	218- 5108	ELBOW - 90° (3/4" JIC)	2
39	218- 5008	SEAL - "O" ring, 218-5108 elbow	1
40	D 31794	HOSE - to crowd cyl. (3/4" I.D. x 1-1/4" O.D. x 29" long)	2

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BOOM, CROWD, AND BUCKET CYLINDER HYDRAULICS (BACKHOE S/N 4101401 AND AFTER)

REF.	PART NO.	DESCRIPTION	REQ'D
41	D 20045	CLAMP - plate, at crowd cyl.	2
42	13- 540	HHCS - 5/16" - 18 NC x 2-3/4"	1
43	95- 5	WASHER - standard wrot (5/16")	1
44	131- 4	NUT - hex., lock (5/16" - 18 NC)	1
45	D 25567	ELBOW - 90° (3/4" JIC x 5/8" JIC)	1
46	218- 5007	SEAL - "O" ring, D25567 elbow	1
47	D 29026	TUBE - crowd cyl.	1
48	218- 5065	CONNECTOR - 3/4" JIC x 5/8" JIC	1
49	218- 5007	SEAL - "O" ring, 218-5065 connector	1
50	D 27752	CYLINDER - crowd (Parts list p. 139)	1
51	D 34254	TUBE - boom cyl.	1
52	218- 5065	CONNECTOR - 3/4" JIC x 5/8" JIC	1
53	218- 5007	SEAL - "O" ring, 218-5065 connector	1
54	D 35435	CYLINDER - boom (Parts list p. 139)	1
55	D 30798	TUBE - intermediate, to bucket cyl. bottom port	1
56	D 30800	TUBE - intermediate, to bucket cyl. top port	1
57	D 25568	ELBOW - 90° special, on boom	2
58	D 26231	NUT - jam, elbow (1-1/16" - 12 NF)	2
59	D 25585	PLATE - spacer	2
60	13- 620	HHCS - 3/8" - 16 NC x 1-1/4"	4
61	92- 6	WASHER - med. sect. lock (3/8")	4
62	D 28705	HOSE - to bucket cyl. (3/4" I.D. x 1-1/4" O.D. x 40" long)	2
63	D 28701	TUBE - to upper cyl. port	1
64	D 29620	ELBOW - upper port	1
65	218- 5007	SEAL - "O" ring, D29620 elbow	1
66	D 20045	CLAMP - plate, bucket cyl. tubes	2
67	13- 528	HHCS - 5/16" - 18 NC x 1-3/4"	1
68	95- 5	WASHER - std. wrot (5/16")	1
69	131- 4	NUT - lock (5/16" - 18 NC)	1
70	D 29022	TUBE - to lower cyl. port	1
71	218- 5065	CONNECTOR - 3/4" JIC x 5/8" JIC	1
72	218- 5007	SEAL - "O" ring, 218-5065 connector	1
73	D 30769	CYLINDER - bucket (Parts list p. 141)	1

BOOM CYLINDER HYDRAULICS (EARLY PRODUCTION)

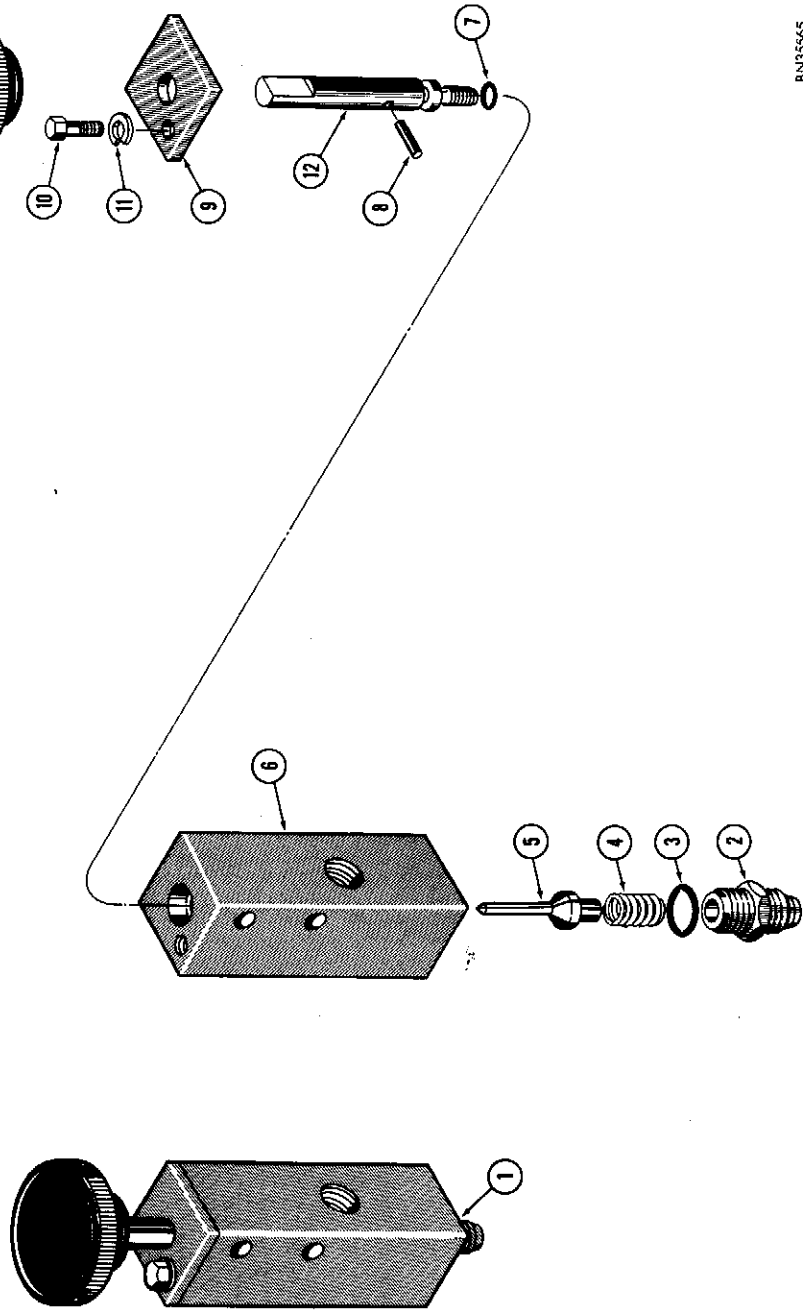
74	D 35902	HOSE - from valve (1/2" I.D. x 18" long)	2
75	D 34246	UNION - bulkhead (5/8" JIC)	2
76	50875	NUT - lock (7/8" - 14 NF)	2
77	D 34248	HOSE - to cylinder (1/2" I.D. x 36-1/2" long)	2
78	D 20045	CLAMP - plate, boom cyl. hoses	2
79	13- 536	HHCS - 5/16" - 18 NC x 2-1/4"	1
80	95- 5	WASHER - std. wrot (5/16")	1
81	131- 4	NUT - hex., lock (5/16" - 18 NC)	1
82	D 34247	CONNECTOR - 3/4" JIC x 5/8" JIC	1
83	218- 5007	SEAL - "O" ring, D34247 connector	1

BOOM CYLINDER HYDRAULICS (LATE PRODUCTION)

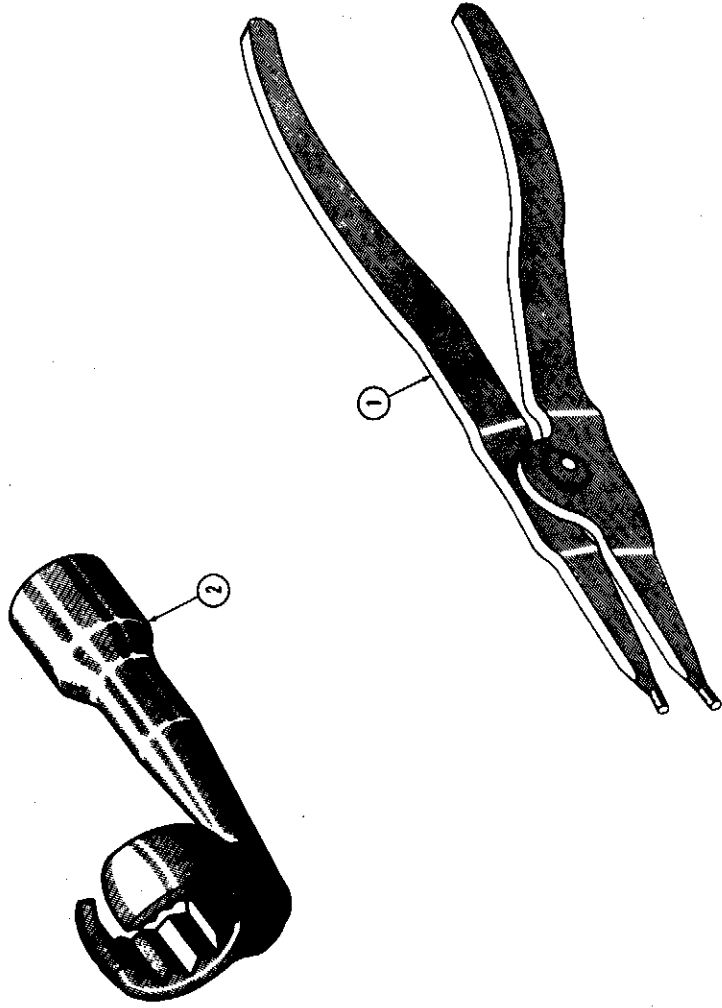
84	D 38124	HOSE - to boom cyl. tube (1/2" I.D. x 57-1/4" long)	1
85	D 38125	HOSE - to boom cyl. port (1/2" I.D. x 58-1/2" long)	1
86	218- 5007	SEAL - "O" ring, D38125 hose	1
87	R 15257	CLAMP - plate, boom cyl. hoses	2
88	13- 524	HHCS - 5/16" - 18 NC x 1-1/2"	1
89	95- 5	WASHER - std. wrot (5/16")	1
90	131- 4	NUT - hex., lock (5/16")	1
91	214- 269	CLAMP - cyl. tube	1

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BN35565



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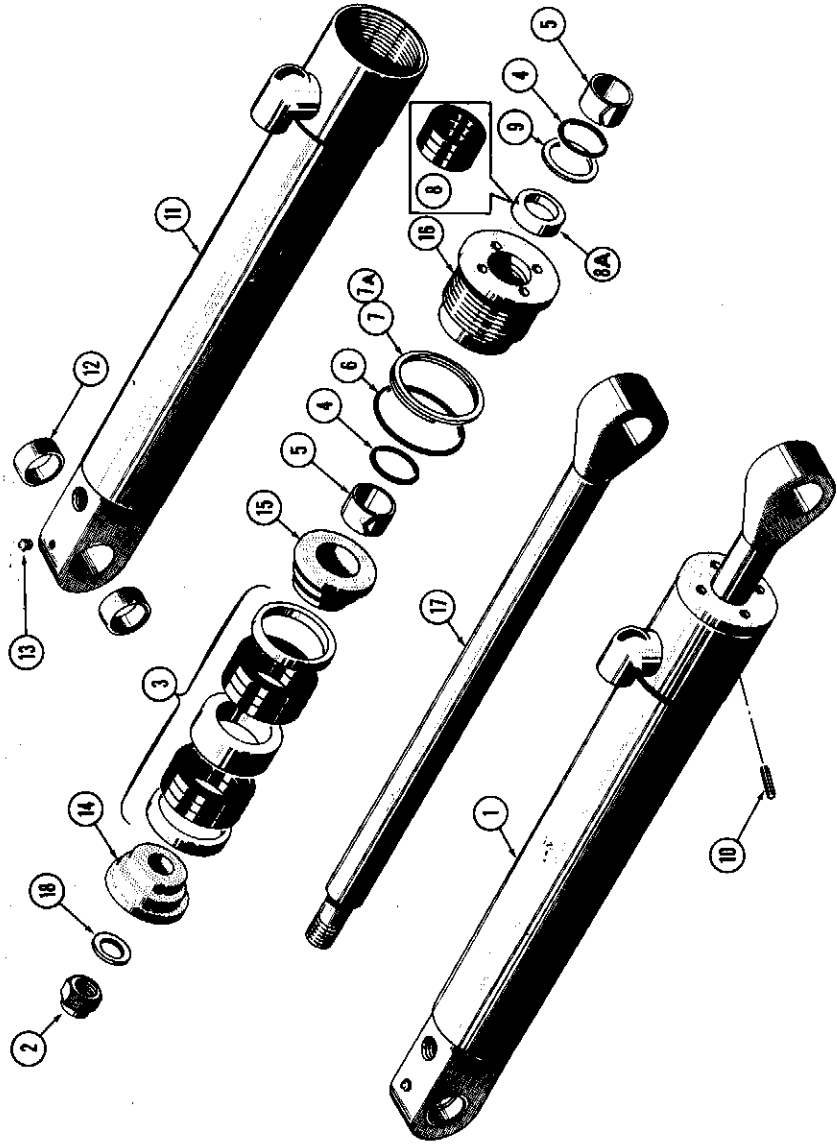
530 CONSTRUCTION KING BACKHOE 135B

32-S BACKHOE LOCKING VALVE D36662

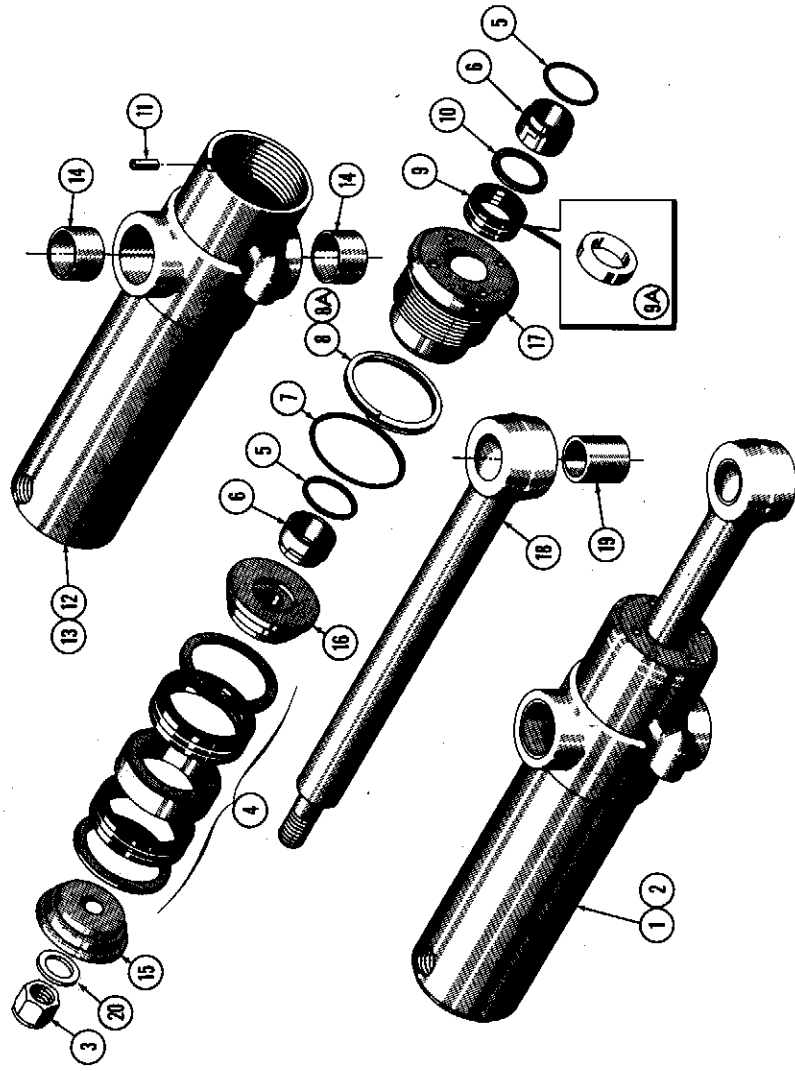
REF.	PART NO.	DESCRIPTION	REQ'D.
1	D 36662	VALVE - hyd. locking, complete	1
2	218- 5079	CONNECTOR - 3/8" JIC x 3/8" JIC	1
3	218- 5007	SEAL - "O" ring, 218-5079 connector	1
4	D 36669	SPRING - valve	1
5	D 36668	POPPET - valve	1
6	D 36663	HOUSING - valve	1
7	O 9772 AB	SEAL - "O" ring	1
8	138- 38	PIN - roll (3/32" x 9/16")	1
9	D 36665	RETAINER - shaft	1
10	13- 48	HHCS - 1/4" - 20 NC x 1/2"	1
11	92- 4	WASHER - med. sect. lock	1
12	D 36664	SHAFT - control	1
13	D 36667	KNOB - control	1
	321- 907	DECAL - lock valve	1

TOOLS

REF.	PART NO.	DESCRIPTION	REQ'D.
1	D 32049	SNAP RING PLIERS	1
2	D 38971	WRENCH - crowfoot, 1/2" drive (For backhoe hose 1-1/16" fittings)	1



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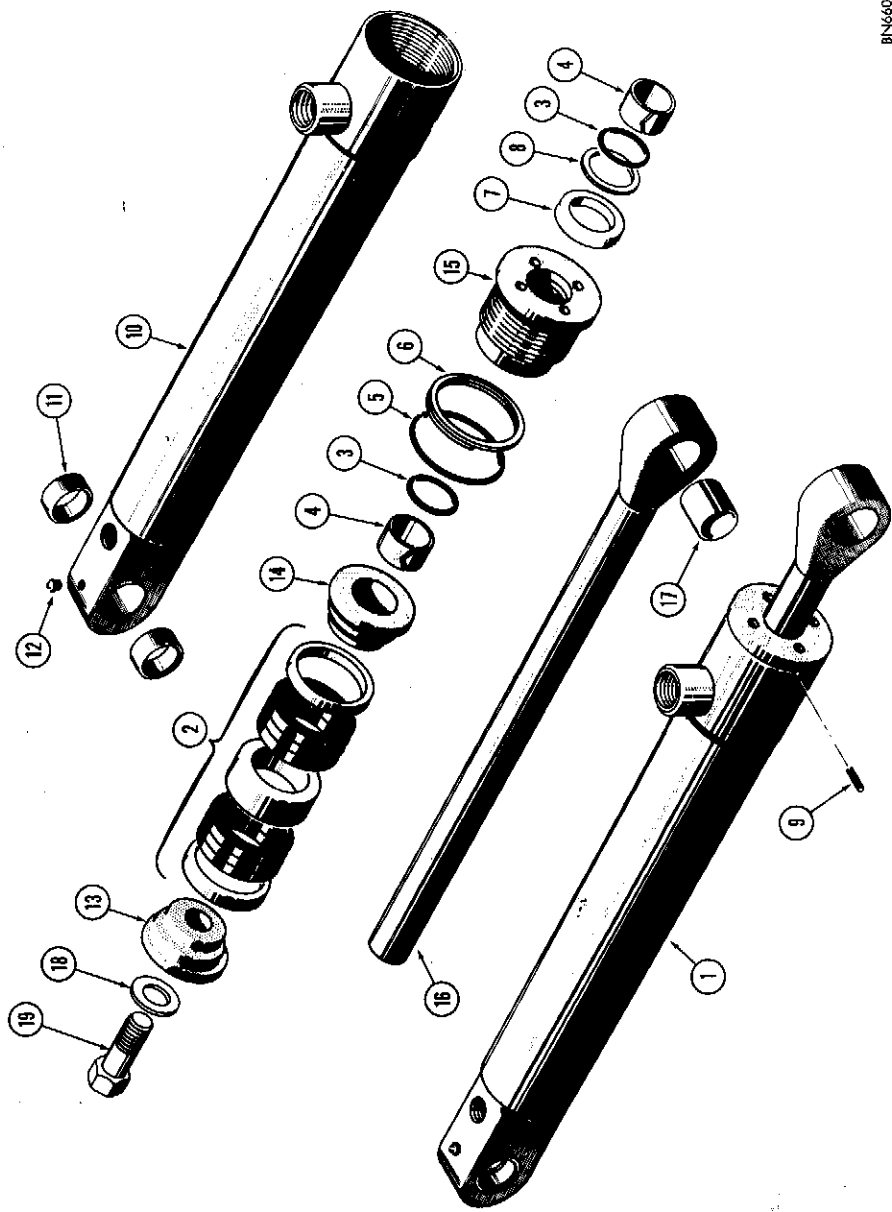
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STABILIZER CYLINDER

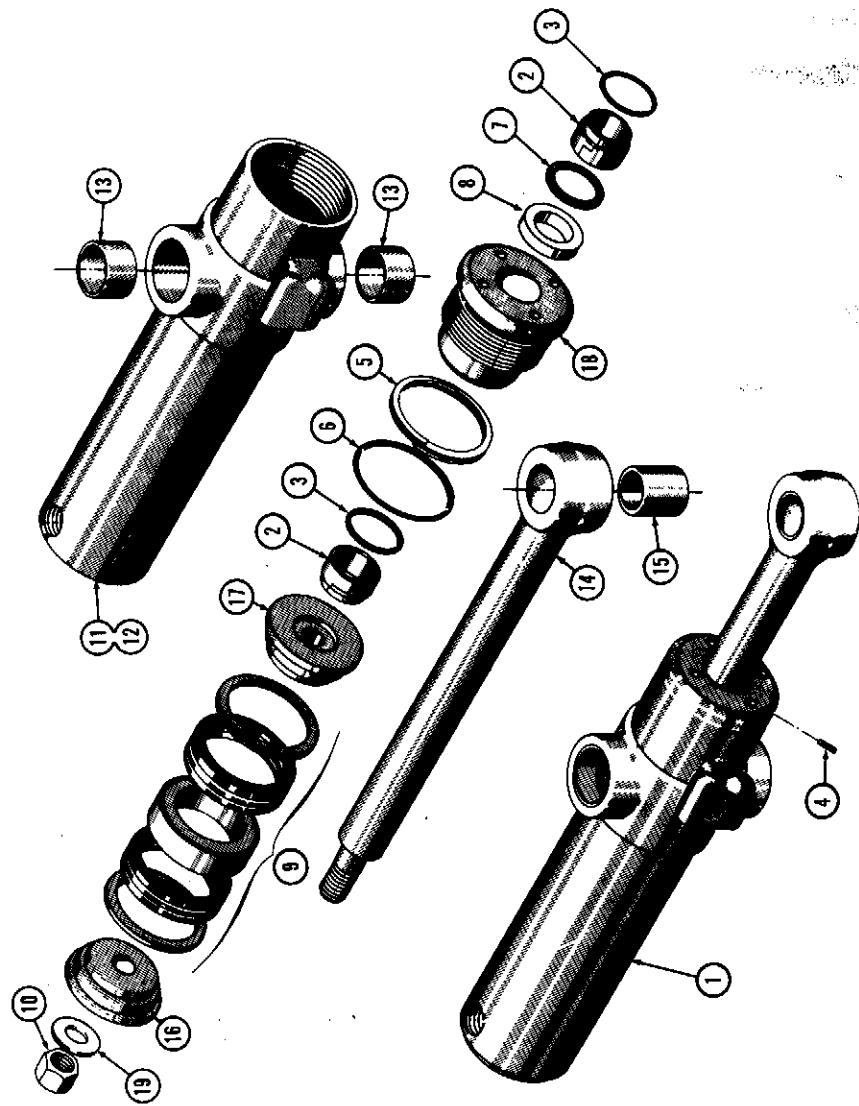
REF.	PART NO.	DESCRIPTION	REQ'D
-1 D	27754	CYLINDER - stabilizer, 3-1/2" I.D. x 16-3/8" stroke	2
D	37356	KIT - cyl. packing	1
2 131-	19	NUT - lock (1" - 14 NF)	1
3 D	36963	PACKING - piston	1
4 A	14515	SEAL - "O" ring, wiper	2
5 D	27432	WIPER - piston rod	2
6 G	15457	SEAL - "O" ring, tube	1
7 D	27434	RING - backup, tube seal (When stock is exhausted, use D36094)	1
7A D	36094	RING - backup, tube seal	1
8 D	28495	SEAL - rod, three piece (Use D36970)	1
8A D	36970	SEAL - rod, one piece	1
9 D	28499	RING - backup, rod seal	1-3
10 138-	90	PIN - roll (3/16" x 5/8") If used	1
11 D	27765	TUBE - cylinder	1
12 D	33047	BUSHING - tube	2
13 219-	1	FITTING - grease, str. (1/8" NPT)	1
14 D	28367	PISTON - half, closed end	1
15 D	28369	PISTON - half, rod end	1
16 D	27431	GLAND - packing	1
17 D	27760	ROD - piston (1-3/4" dia.)	1
18 D	36505	WASHER - special, if used	1

SWING CYLINDER

REF.	PART NO.	DESCRIPTION	REQ'D
1 D	30745	CYLINDER - swing (R.H.) 4" I.D. x 11" stroke	1
2 D	30746	CYLINDER - swing (L.H.) 4" I.D. x 11" stroke	1
D	37359	KIT - cyl. packing	1
3 131-	19	NUT - lock (1" - 14 NF)	1
4 D	36964	PACKING - piston	1
5 A	14515	SEAL - "O" ring, wiper	2
6 D	27432	WIPER - piston rod	2
7 O	8849 AB	SEAL - "O" ring, tube	1
8 D	27382	RING - backup, tube seal (When stock is exhausted, use D36095)	1
8A D	36095	RING - backup, tube seal	1
9 D	28495	SEAL - rod, three piece (Use D36970)	1
9A D	36970	SEAL - rod, one piece	1
10 D	28499	RING - backup, rod seal	1-3
11 138-	90	PIN - roll (3/16" x 5/8") If used	1
12 D	30737	TUBE - cylinder (R.H.)	1
13 D	30738	TUBE - cylinder (L.H.)	1
14 D	30735	BUSHING - trunion	2
15 D	30744	PISTON - half, closed end	1
16 D	30743	PISTON - half, rod end	1
17 D	30844	GLAND - packing	1
18 D	30842	ROD - piston (1-3/4" dia.)	1
19 D	30741	BUSHING - piston rod	1
20 D	36505	WASHER - special (if used)	1



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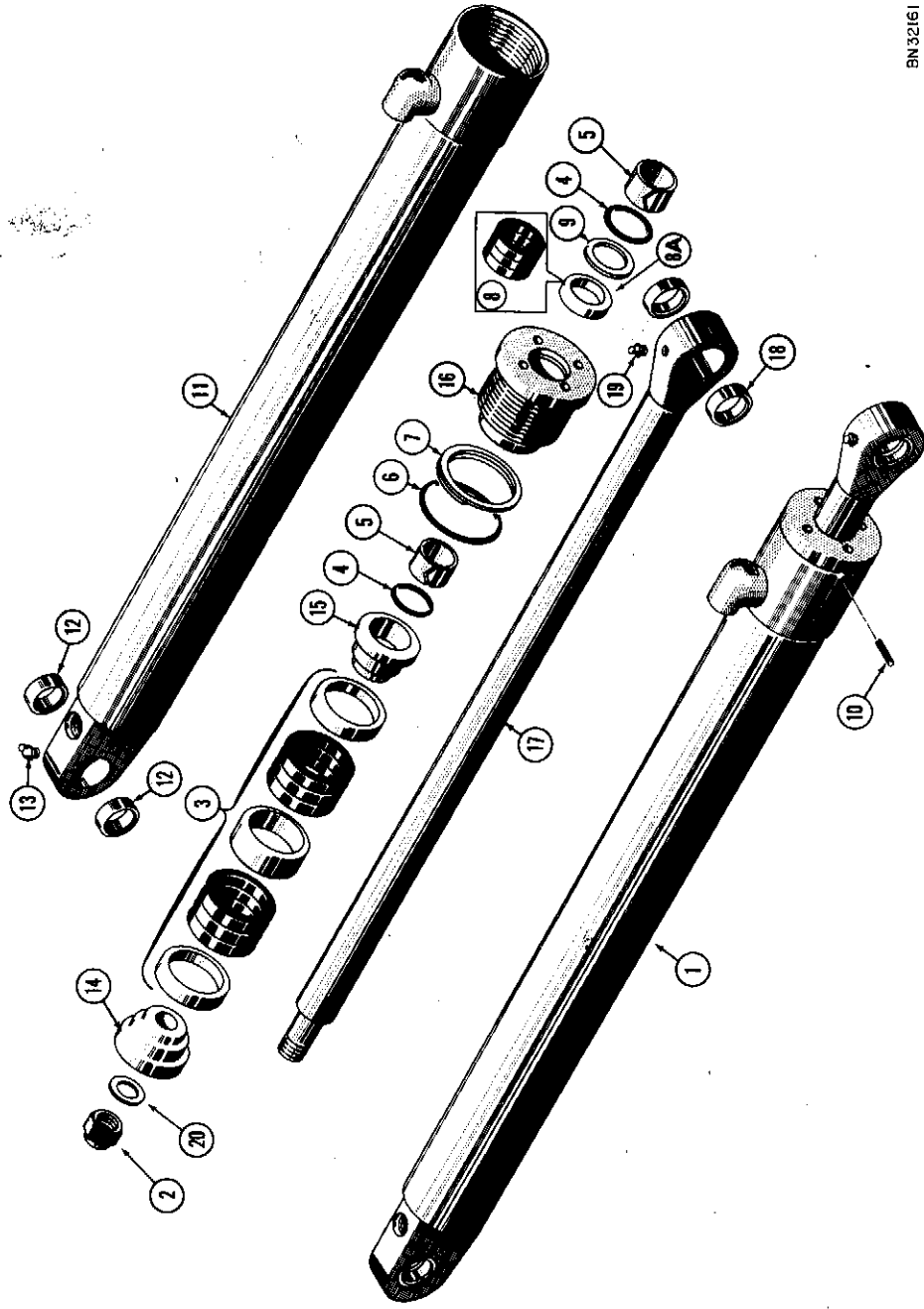
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STABILIZER CYLINDER

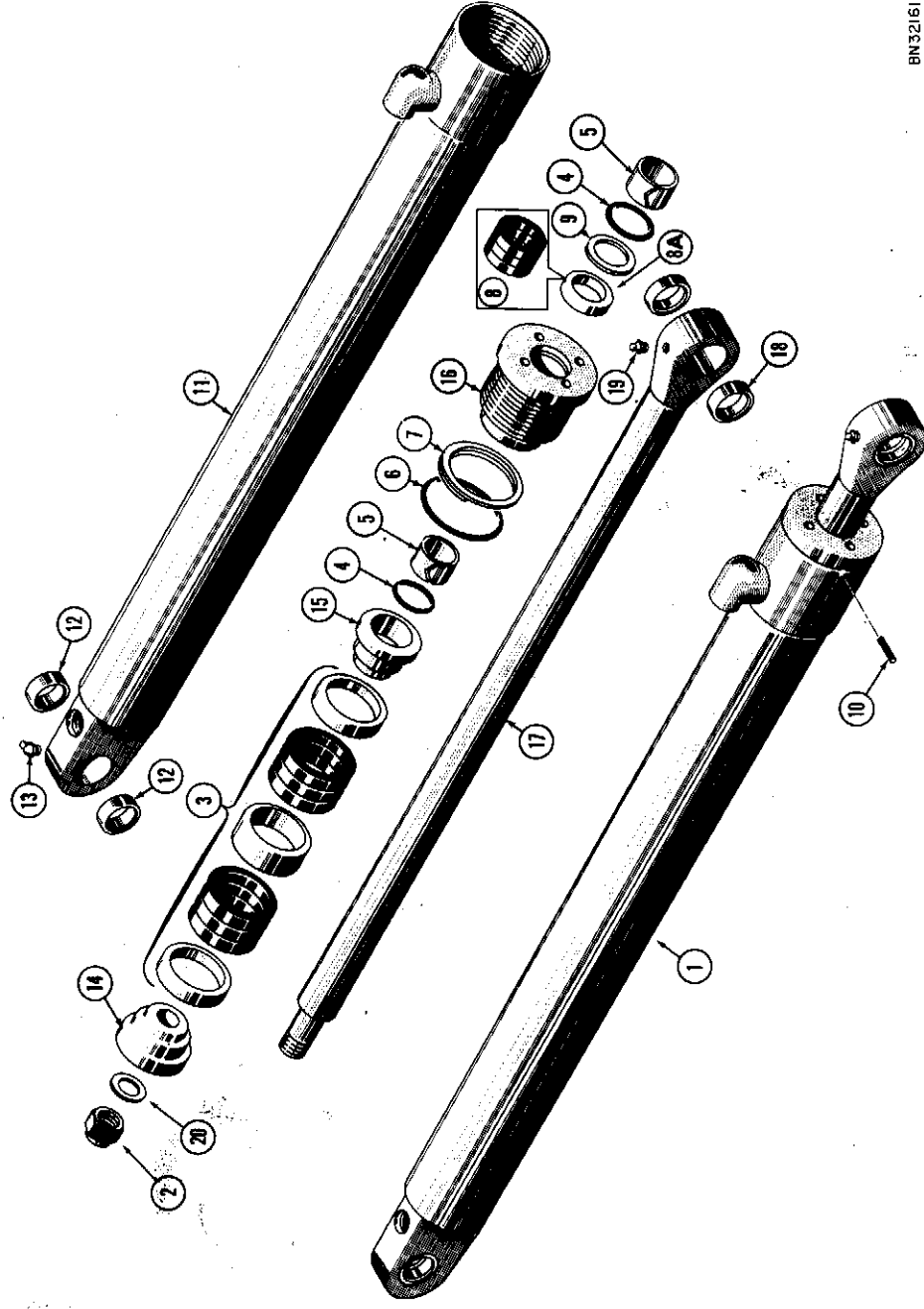
REF.	PART NO.	DESCRIPTION	REQ'D.
1 D	35683	CYLINDER - stabilizer, 3-1/2" I.D. x 16-3/8" stroke	1
D	37356	KIT - cyl. packing	1
D	36963	PACKING - piston	1
3 A	14515	SEAL - "O" ring, wiper	1
4 D	27432	WIPER - piston rod	2
5 G	15457	SEAL - "O" ring, tube	1
6 D	36094	RING - backup, tube seal	1
7 D	36970	SEAL - rod	1
8 D	28499	RING - backup, rod seal	1
9	138- 90	PIN - roll (3/16" x 5/8")	1
10 D	36680	TUBE - cylinder	1
11 D	32865	BUSHING	2
12	219- 1	FITTING - grease, str. (1/8" NPT)	1
13 D	38367	PISTON - half, closed end	1
14 D	28369	PISTON - half, rod end	1
15 D	27431	GLAND - packing	1
16 D	36684	ROD - piston (1-3/4" dia.)	1
17 D	30929	BUSHING - rod, D36684	1
18 D	36505	WASHER - special	1
19 D	32861	BOLT - special, self-locking	1

SWING CYLINDER

REF.	PART NO.	DESCRIPTION	REQ'D.
1 D	36879	CYLINDER - swing R.H. (4" I.D. x 11" stroke)	1
D	36878	CYLINDER - swing L.H. (4" I.D. x 11" stroke)	1
D	37359	KIT - cylinder packing	1
D	27432	WIPER - rod seal	2
3 A	14515	SEAL - "O" ring, rod wiper	2
4	138- 90	PIN - roll (3/16" x 5/8")	1
5 D	36095	RING - backup, tube seal	1
6 O	8849 AB	SEAL - "O" ring, tube	1
7 D	28499	RING - backup, rod seal	1
8 D	36970	SEAL - rod	1
9 D	36964	PACKING - piston seal (includes chevrons and spacers)	1
10	131- 19	NUT - piston retainer, self locking (1" - 14 NF)	1
11 D	37084	TUBE - cylinder L.H.	1
12 D	37085	TUBE - cylinder R.H.	1
13 D	30735	BUSHING - cylinder tubes	2
14 D	30842	ROD - piston (2" dia.)	1
15 D	30741	BUSHING - rod, piston	1
16 D	30744	PISTON - half, closed end	1
17 D	30743	PISTON - half, rod end	1
18 D	30844	GLAND - packing	1
19 D	36505	WASHER - special	1



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BOOM CYLINDER

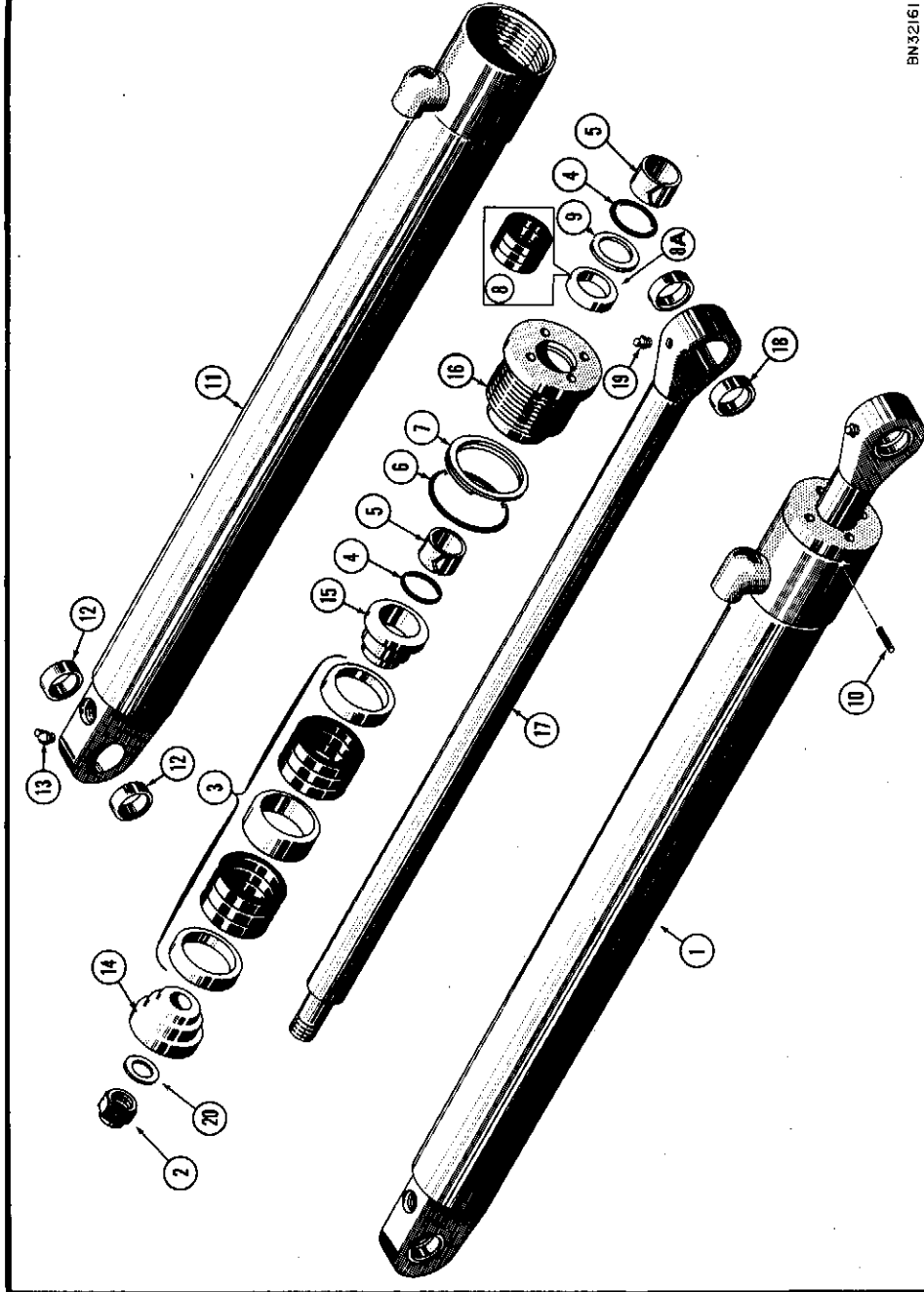
REF.	PART NO.	DESCRIPTION	REQ'D
1	D 27751	CYLINDER - boom (4" I.D. x 39-3/16" stroke) Used before backhoe sn. 4101401	1
D	35435	CYLINDER - boom (4" I.D. x 39-3/16" stroke) Used on backhoe sn. 4101401 and after	1
D	37358	KIT - cyl. packing	1
2	131- 22	NUT - lock (1-1/4" - 12 NF)	1
3	D 36964	PACKING - piston	1
4	D 26115	SEAL - "O" ring, wiper	1
5	D 27380	WIPER - piston rod	2
6	O 8849 AB	SEAL - "O" ring, tube	2
7	D 27382	RING - backup, tube seal (When stock is exhausted, use D36095)	1
7A	D 36095	RING - backup, tube seal	1
8	D 28496	SEAL - rod, three piece (Use D36971)	1
8A	D 36971	SEAL - rod, one piece	1
9	*D 28500	RING - backup, rod seal	1
10	138- 90	PIN - roll (3/16" x 5/8") If used	1
11	D 27768	TUBE - D27751 cyl. (If used)	1
D	35434	TUBE - D35435 cyl. (If used)	1
12	D 33047	BUSHING - tube	1
13	219- 55	FITTING - grease, 90° (1/8" NPT)	2
14	D 28370	PISTON - half, closed end	1
15	D 28371	PISTON - half, rod end	1
16	D 27386	GLAND - packing	1
17	D 27762	ROD - piston (2" dia.)	1
18	D 33047	BUSHING - piston rod	1
19	219- 1	FITTING - grease, str. (1/8" NPT)	2
20	D 36434	WASHER - special (If used)	1

*Not used on latest production.

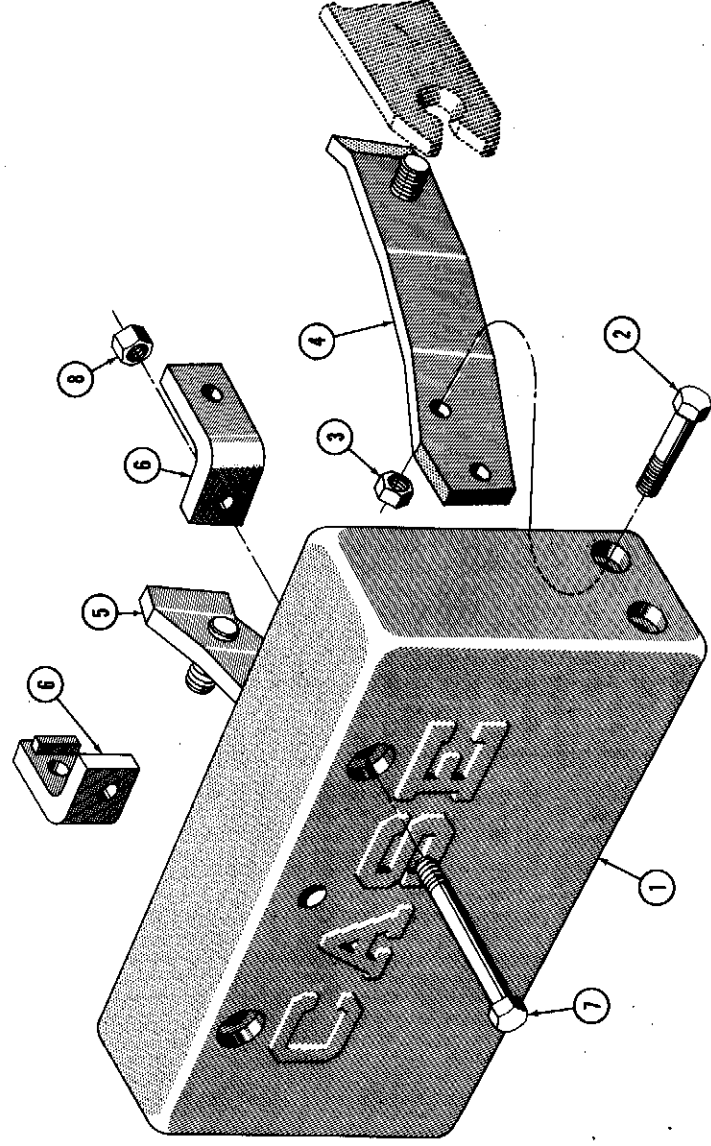
CROWD CYLINDER

REF.	PART NO.	DESCRIPTION	REQ'D
1	D 27752	CYLINDER - crowd (4" I.D. x 32" stroke)	1
D	37358	KIT - cyl. packing	1
2	131- 22	NUT - lock (1-1/4" - 12 NF)	1
3	D 36964	PACKING - piston	1
4	D 26115	SEAL - "O" ring, wiper	1
5	D 27380	WIPER - piston rod	2
6	O 8849 AB	SEAL - "O" ring, tube	2
7	D 27382	RING - backup, tube seal (When stock is exhausted, use D36095)	1
7A	D 36095	RING - backup, tube seal	1
8	D 28496	SEAL - rod, three piece (Use D36971)	1
8A	D 36971	SEAL - rod, one piece	1
9	*D 28500	RING - backup, rod seal	1
10	138- 90	PIN - roll (3/16" x 5/8") If used	1
11	D 27769	TUBE - cylinder	1
12	D 33047	BUSHING - tube	2
13	219- 1	FITTING - grease, str. (1/8" NPT)	1
14	D 28370	PISTON - half, closed end	1
15	D 28371	PISTON - half, rod end	1
16	D 27386	GLAND - packing	1
17	D 27763	ROD - piston (2" dia.)	1
18	D 33047	BUSHING - rod	2
19	219- 1	FITTING - grease, str. (1/8" NPT)	1
20	D 36434	WASHER - special (If used)	1

*Not used on latest production.



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