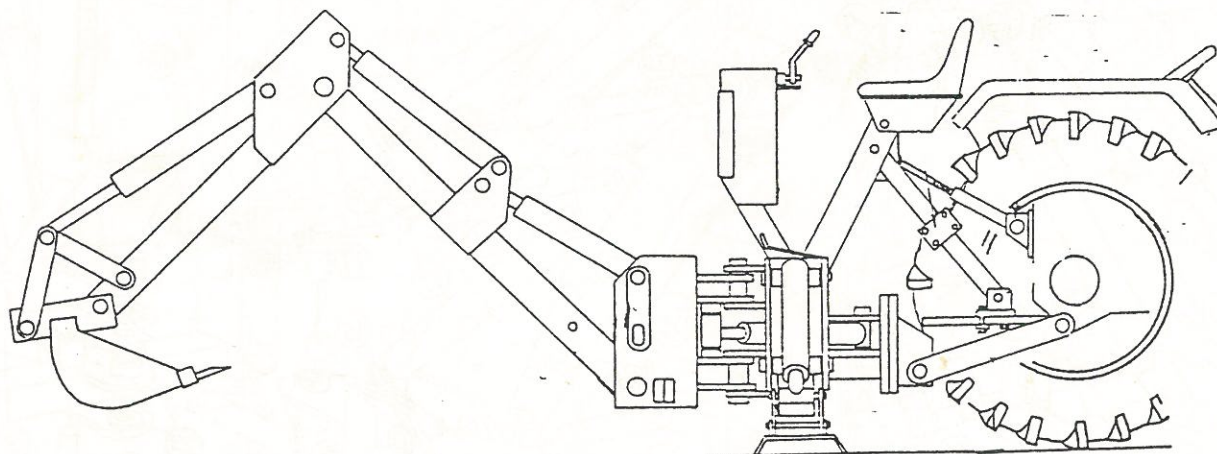




B I O B
BACK-HOE
Parts Manual



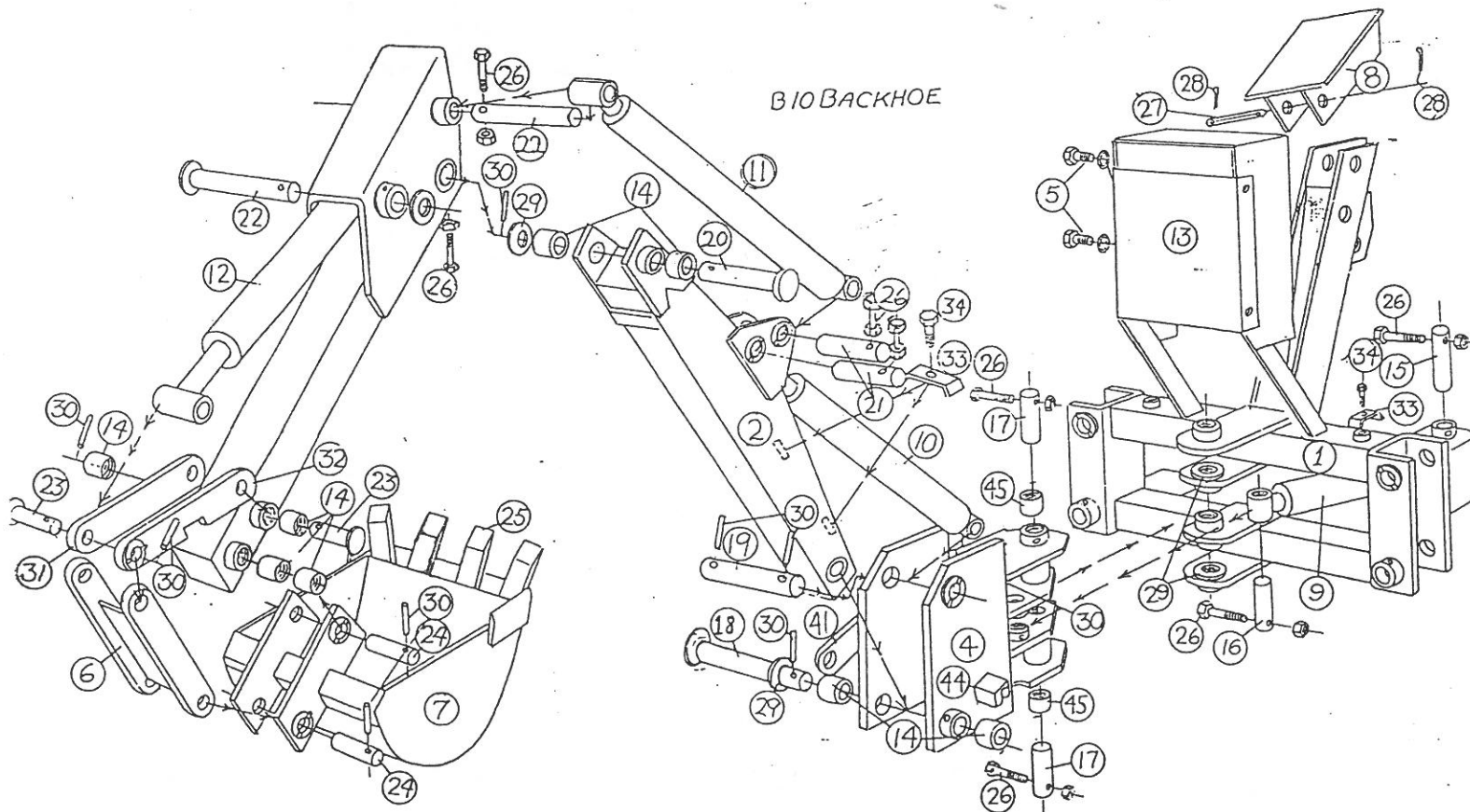
KELLEY MANUFACTURING CORPORATION

PO BOX 276 • 131 PROGRESSIVE DRIVE • OTTOVILLE, OHIO 45876 • PHONE 419-453-5539 • FAX 419-453-2278

KELLEY B10B BACKHOE PARTS LIST

ILL.

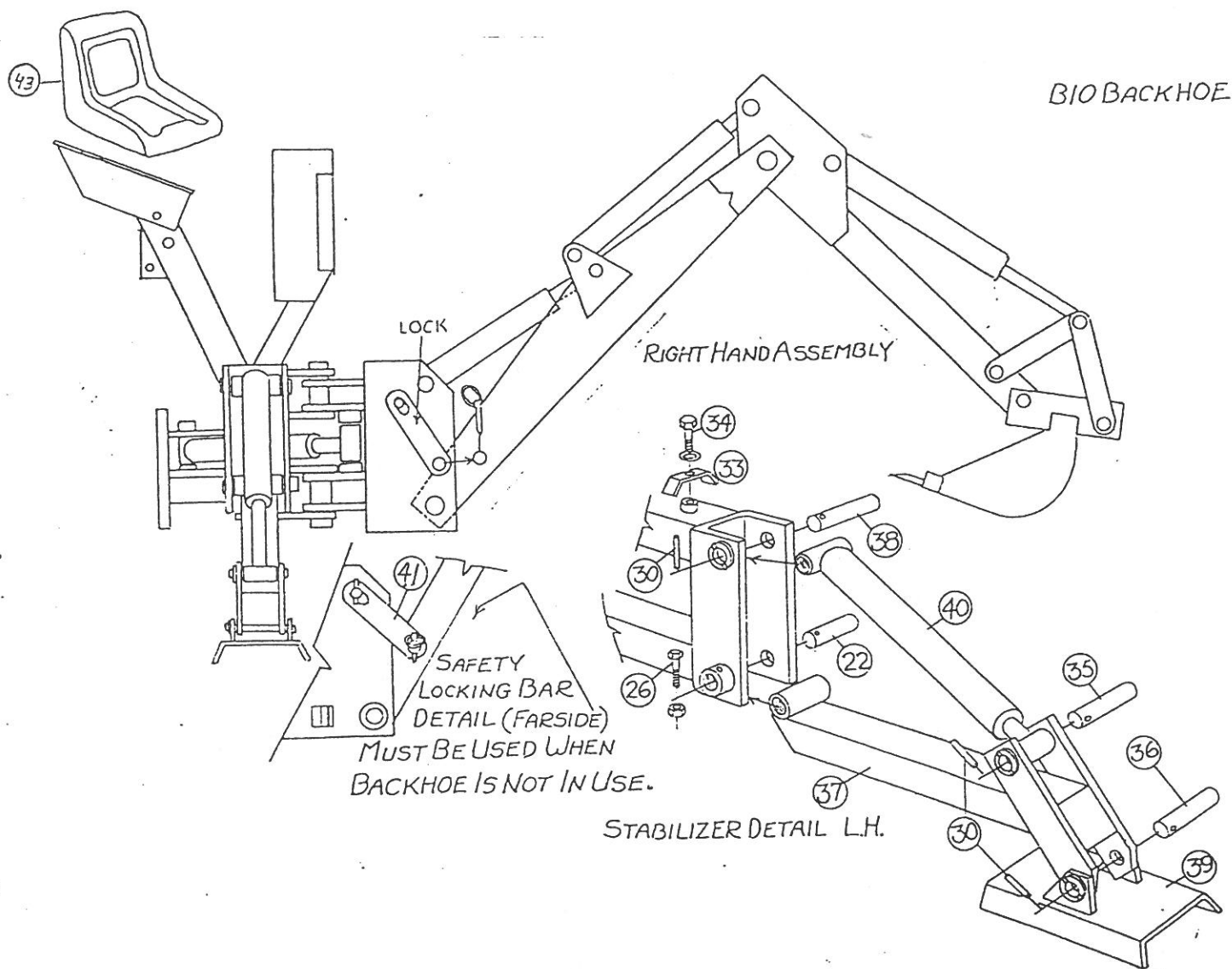
No.	Qty	Part No.	Description
1	1	BMF12517	Main Frame Weld Assembly
2	1	BMF13078	Boom Weld Assembly B10B
3	1	BMF13078	Dipper Stick Weld Assembly B10B
4	1	BMF12522	Swing Weld Assembly B10B
5	4	SBT10502	Metal Screw 1/4" x 3/4"
6	1	BMF12526	Bucket Link
7		BBK9109	9" Bucket
		BBK9112	12" Bucket
		BBK9115	15" Bucket
8	1	BMS12527	Seat Mount Plate
9	1	BCY12528	Swing Cylinder
10	1	BCY12529	Boom Cylinder
11	1	BCY13080	Dipper Stick Cylinder B10B
12	1	SCY13081	Bucket Cylinder B10B
13	1	BMS12532	Cover
14	10	SFT10986	Bushing 1" ID X 1" Steel
15	1	SPN13075	Pin 1" x 6-1/8" w/ 5/16" Hole-Swing Cylinder Base End
16	1	SPN12542	Pin 1" x 5 3/8" w/ 5/16" Hole-Swing Cylinder Rod End
17	2	SPN12543	Pin 1" x 4-7/8" w/ 5/16" Hole Swing Pivot
18	1	SPN12544	Pin 1" x 7-9/16 w/two 5/16" Holes-Boom Pivot
19	1	SPN12545	Pin 1" x 6-1/2 w/2 5/16" Holes-Boom Cylinder Base End
20	1	SPN13076	Pin 1" x 6-7/8" w/Washer and tow 5/16" holes-Dipper Stick
21	2	SPN13075	Pin 1" x 6 1/8" W/5/16" hole-Boom Rod End-Dipper Stick Base E
22	2	SPN13077	Pin 1" x 5-3/8" W/5/16" Hole-Dipper Stick Rod End Bucket Base
44	2	SMS12807	Rubber Swing Bumper
45	2	SFT10985	Bushing 1" ID x 1-3/8" Steel



KELLEY B10B BACKHOE PARTS LIST

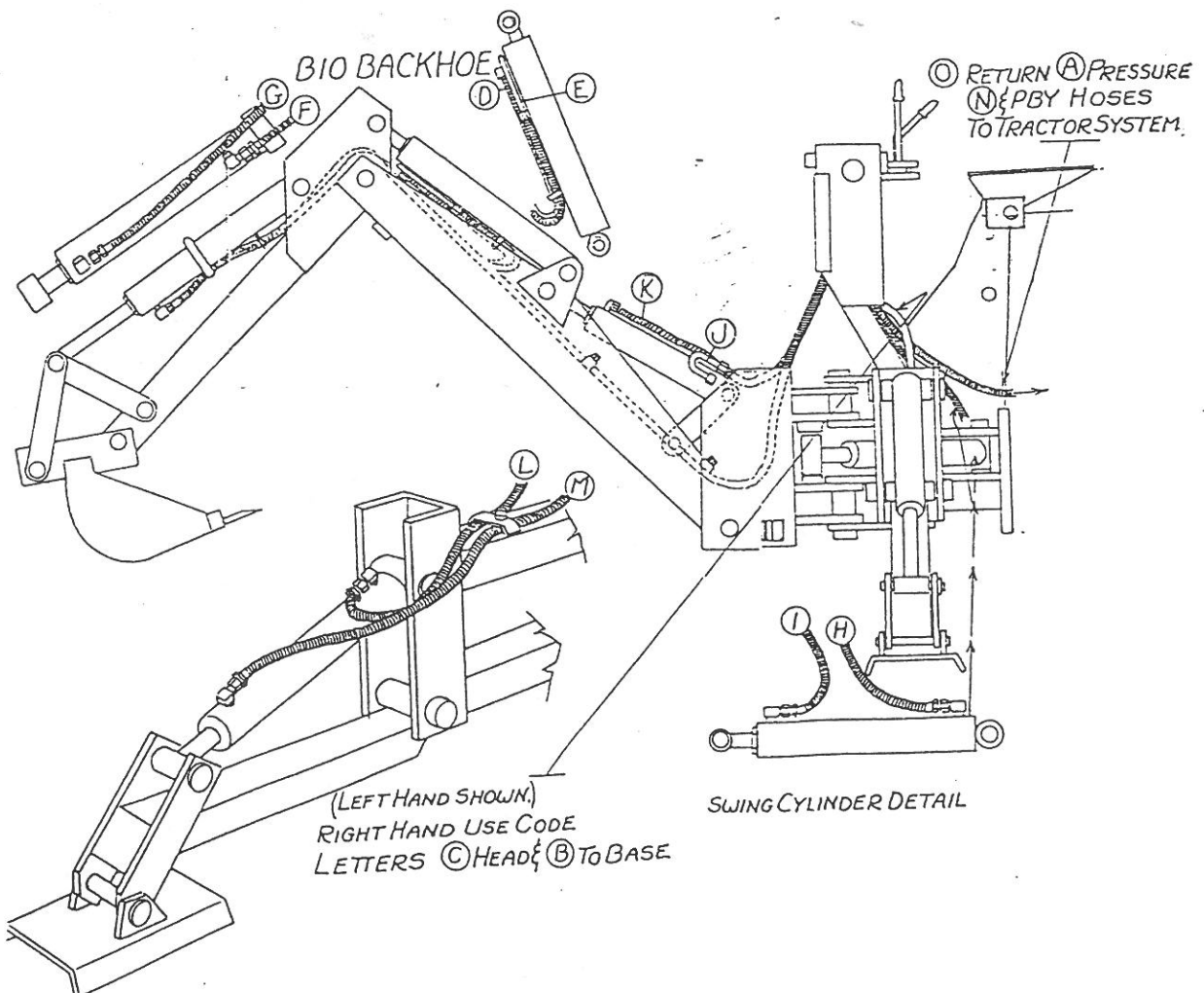
ILL.

<u>No.</u>	<u>Qty</u>	<u>Part No.</u>	<u>Description</u>
24	2	SPN12548	Pin 1" x 6-1/8" w/5/16" hole-Bucket
25		BBK12533	Bucket Tooth Weld-on Replacement
26	10	SBT10795	Capscrew 5/16" x 2" GR8
27	10	SBT2018	Nut 5/16"
27	1	SPN12549	Pin 1/2" x 6" with two 1/8" holes-Seat Pivot
28	2	SPN2113	Cotter Pins 1/8" x 1"
29	3	SWS10984	Spacer Thrust Washer 1"
30	14	SPN10530	Roll Pin 5/16" x 2"
31	1	BMF12534	Bucket Cylinder Link & Pin Assembly R.H.
32	1	BMF12535	Bucket Cylinder Link & Pin Assembly L.H.
33	3	SCL10892	Hose Clamp
34	3	SBT2021	Capscrew 3/8" x 3/4"
35	4	SBT117	Pin 1" x 4" with 5/16" hole-Stabilizer Cylinder Rod
36	4	SPN12550	Pin 1" x 4-7/8" with 5/16" hole Stabilizer pad-Stabilizer Cylinder Bas.
37	2	BMF12536	Folding Stabilizer RH & LH
38	2	SPN12536	Pin 1" x 5-5/8" with 5/16" Hole
39	2	BMF12537	Stabilizer Pad
40	2	BCY12538	Stabilizer Cylinder
41	1	BMF12539	Boom Safety Locking Bar
42	1	SPN11558	Lynch Pin 1/4"
43	1	BMS12510	Seat



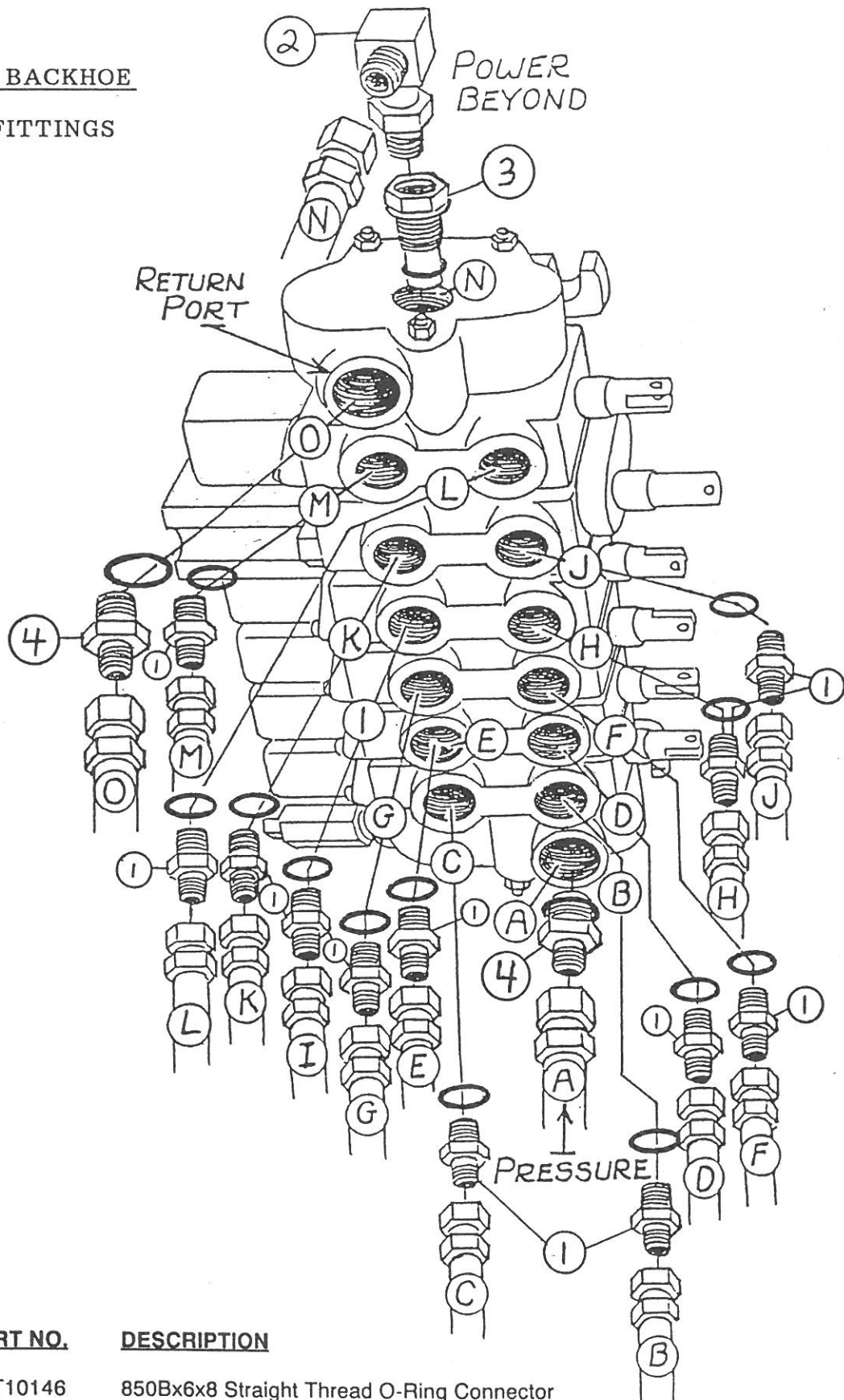
KELLEY B10B BACKHOE HOSES

<u>ILL.</u> <u>No.</u>	<u>Qty</u>	<u>Part No.</u>	<u>Description</u>
A	1	SH012552	Pressure Hose 6P-50"-6-8JFS
B	1	SH012495	Stabilizer Right Hand Hose 4P-46"-6JFS-6JFS
C	1	SH012497	Stabilizer Right Hand Hose 4P-48"-6JFS-6JFS
D	1	SH012553	Dipper Stick Hose 4P-74"-6JFSA-6JFS
E	1	SH0342	Dipper Stick Hose 4P-69"-6JM-6JFS
F	1	SH013082	Bucket Hose 4P-6JFS-6JFS-89"
G	1	SH012554	Bucket Hose 4P-6JFS-6JFS-105"
H	1	SH010556	Swing Hose 4P-33"-6JFS-6JFS
I	1	SH011904	Swing Hose 4P-35"-6JFS-6JFS
J	1	SH010473	Boom Hose 4P-33"-6JM-6JFS
K	1	SH012557	Boom Hose 4P-42"-6JFS-6JFS
L	1	SH012295	Stabilizer Hose Left Hand 4P-46"-6JFS-6JFS
M	1	SH012497	Stabilizer Hose Left Hand 4P-48"-6JFS-6JFS
N	0	Hose Must be supplied by dealer, will vary with tractor make and model	
O	1	SH012552	Return Hose 6P-50"-6-8JFS
P	1	BOL11728	Oil Line, U - Shaped



KELLEY B10 BACKHOE

HOSES and FITTINGS



<u>ILL.</u> <u>NO.</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	12	SFT10146	850Bx6x8 Straight Thread O-Ring Connector
2	1	SFT10066	853Bx8x10 Straight Thread O-Ring 90° Elbow
3	1	255049	Power Beyond Sleeve
4	2	SFT10079	850Bx8x10 Straight Thread O-Ring Connector

CONTROL VALVE

B10-B15

DESCRIPTION

PART NO.

QTY.

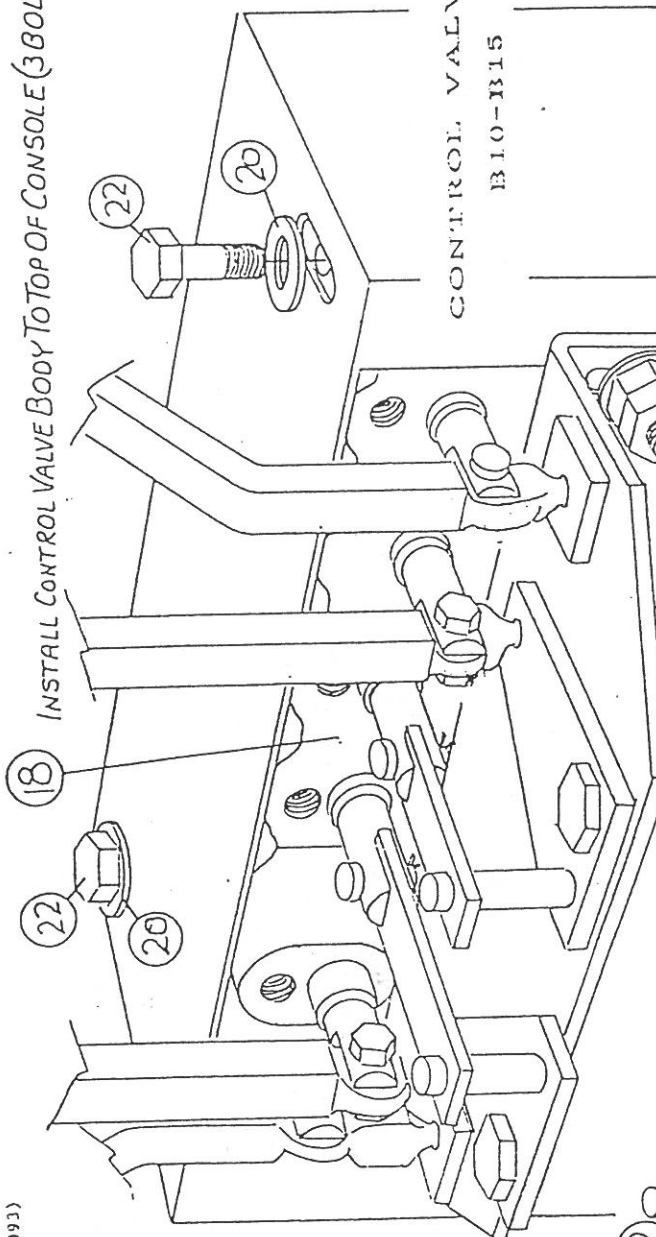
ILL. NO.

CONTROL BASE MS (BUILT SINCE JAN 1, 1993)

RH CONTROL TRUNION
LH CONTROL TRUNION
SHOULDER BOLT 5/16" x 7/8"
5/16" x 5/8" CAPSCREW
5/16" LOCKWASHER
RH SHORT LINK
LH LONG LINK
CONTROL LEVER, STABILIZER
CONTROL LEVER, RH MAIN
CONTROL LEVER, LH MAIN
PINS, 1/4" x 3/4"

BMS12869
BMS12667
BMS12668
SBT11374
SBT100819
SWS2019
SWS12669
SWS12671
BMS12672
BMS12674
BMS12675
SPN11379

INSTALL CONTROL VALVE BODY TO TOP OF CONSOLE (3 BOLTS)



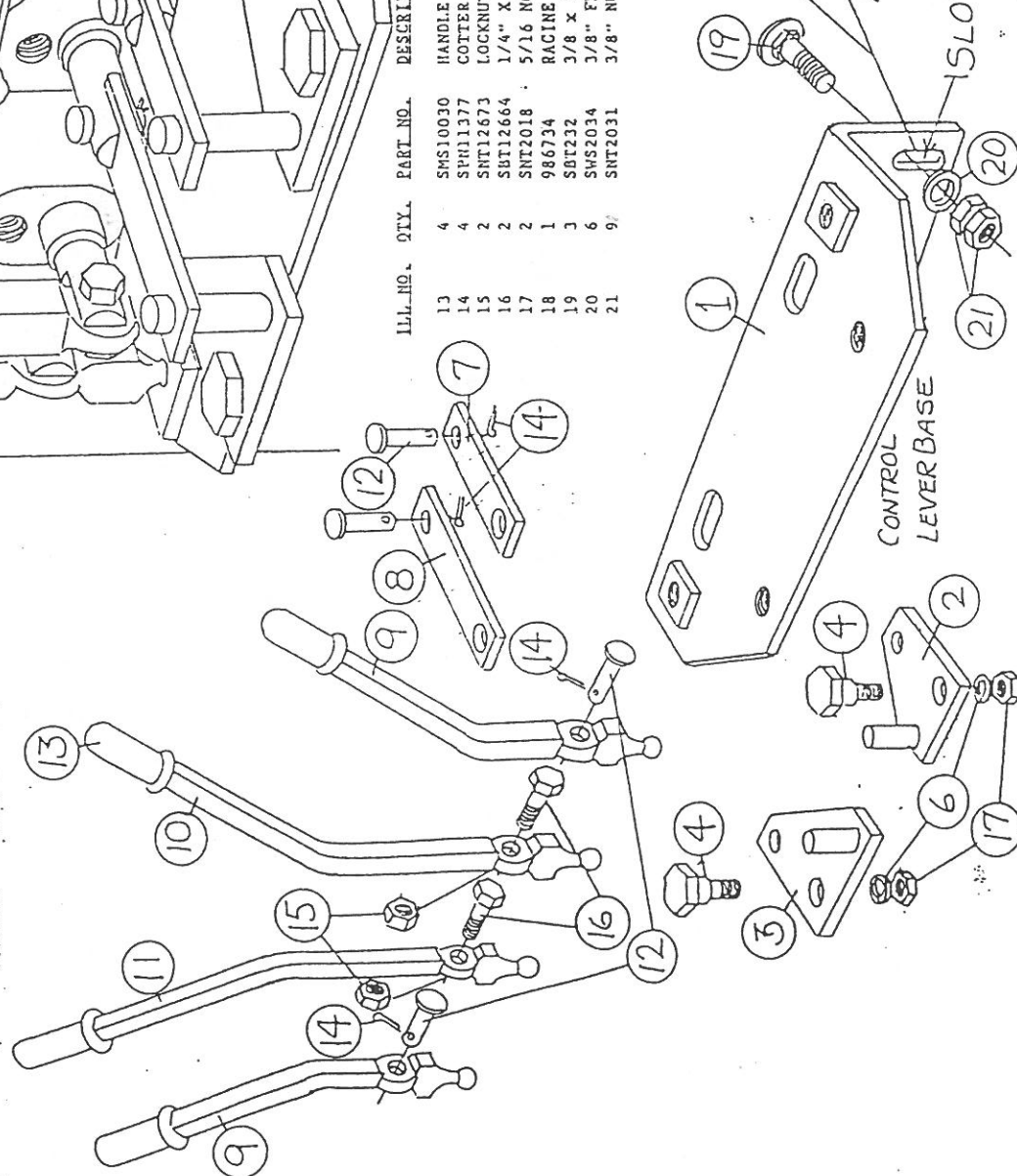
ILL. NO. QTY. PART NO. DESCRIPTION

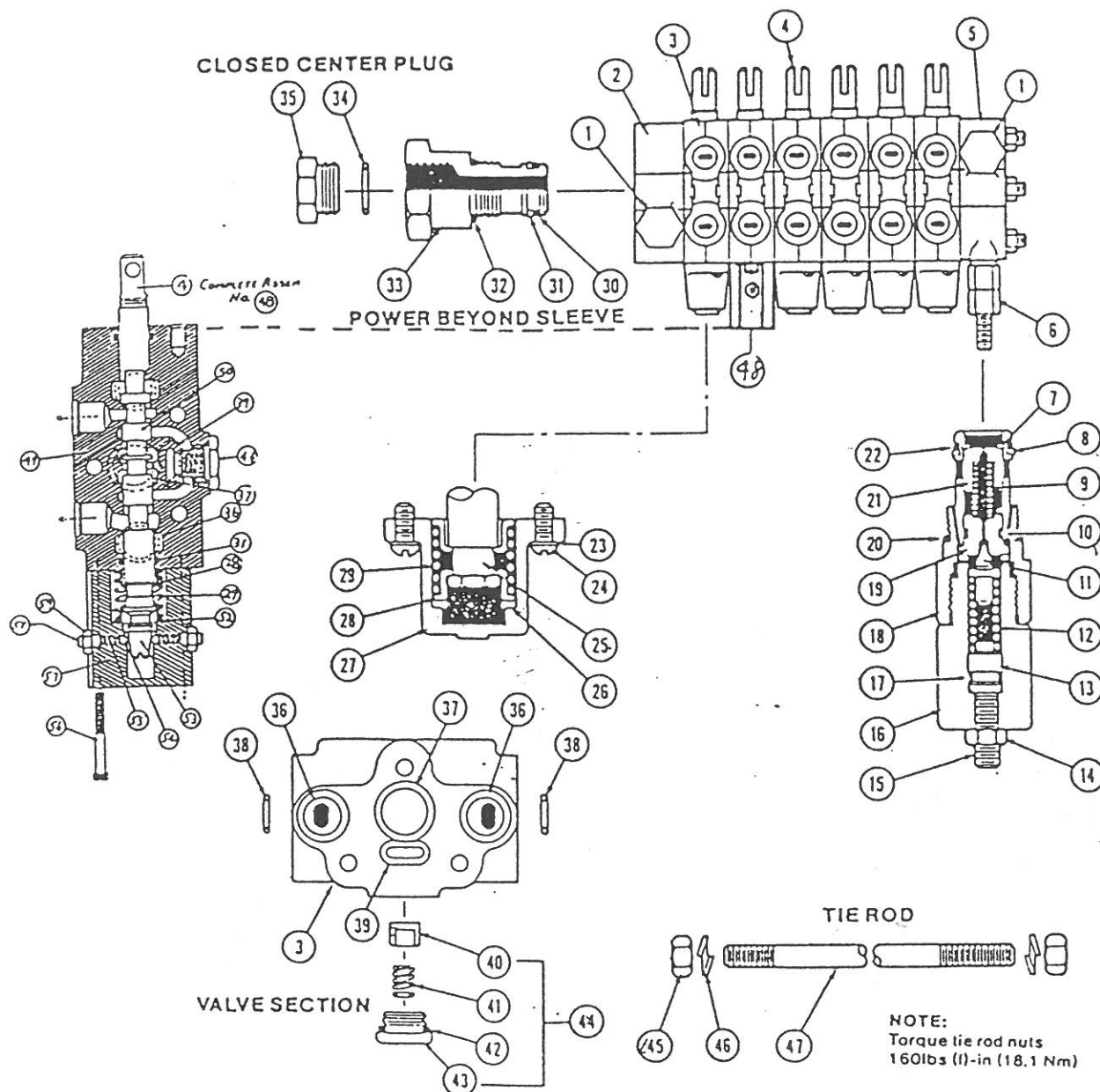
13	4	SMS10030	HANDLE GRIP
14	4	SPH11377	COTTER PINS, 1/16" x 1/2"
15	2	SNT12673	LOCKNUT, 1/4" NF
16	2	SNT12664	1/4" x 1" NF BOLT
17	2	SNT2018	5/16 NC NUT
18	1	986734	RACINE VALVE WITH FLOAT
19	3	SOT232	3/8 x 1 1/2" CARRIAGE BOLT
20	6	SWS2034	3/8" FLAT WASHERS
21	9	SNT2031	3/8" NUTS

CONSOLE DETAIL

NOTE:

ALL SLOTTED HOLES FOR HORIZONTAL ADJUSTMENTS
OF CONTROLS &
ISLOTTED FOR VERTICAL ADJUSTMENT.

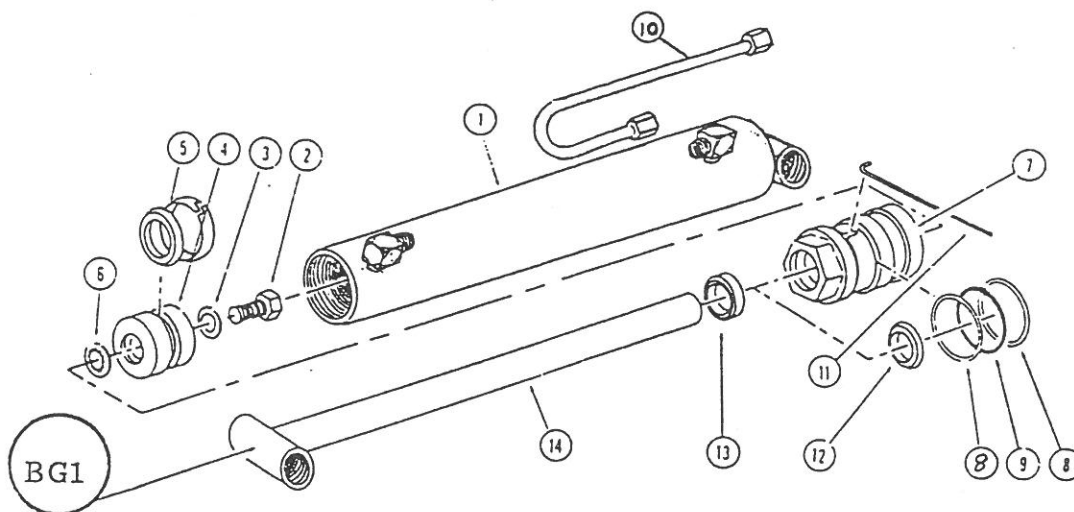




RACINE SIX SECTION VALVE

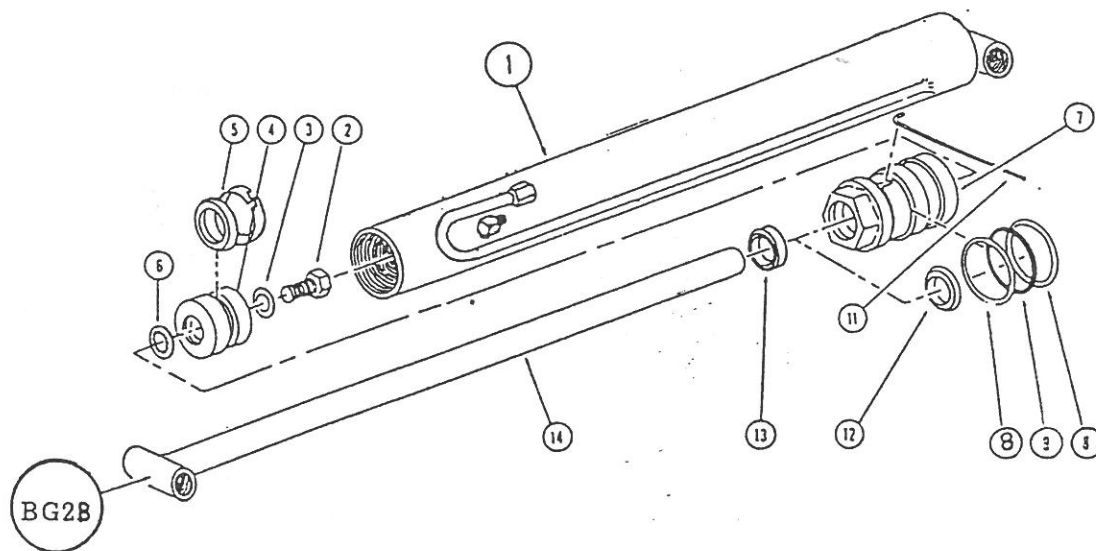
Ill. No.	Qty.	Part No.	Description
1	2	785038	#10 S.A.E. Plug Assembly
2	1	254009	Outlet Manifold Section With #10
3	5	254006	Valve Section With #8 Openings
4	6	255002	Female Spool End
5	1	254016	Inlet Manifold Section With #10
6	1	785056	Relief Valve Cartridge
7	1	410502	Snap Ring
8	1	490963	Back-up Ring
9	1	493785	Spring
10	1	407229	Seal O'Ring
11	1	255096	Popper
12	1	493850	Spring
13	1	255145	Spring Seat
14	1	401009	Jam Nut
15	1	410540	Adjustment Screw
16	1	255146	Cartridge Body
17	1	401273	Spring Seat O'Ring
18	1	255042	Cartridge Body
19	1	255040	Seat
20	2	405393	Cartridge Body O'Ring
21	1	255041	Piston
22	1	406484	O'Ring
23	12	400905	Lockwasher
24	12	401603	Screw
25	6	255035	Spool End
26	6	255034	Spacer
27	6	254000	Cover
28	11	255013	Spring Retainer
29	6	410512	Spring

Ill. No.	Qty.	Part No.	Description
30	1	406460	O'Ring
31	1	490975	Back-up Ring
32	1	405688	O'Ring
33	1	255049	Power Beyond Sleeve
34	1	405393	O'Ring
35	1	355099	#8 Plug
36	12	490308	O'Ring
37	6	405895	O'Ring
38	12	401248	O'Ring
39	6	406127	O'Ring
40	6	255021	Load Check Piston
41	6	410520	Spring
42	6	405688	O'Ring
43	6	255020	Plug
44	6	785011	Load Check Assembly
45	6	401033	Tie Rod Nut
46	6	400908	Tie Rod Lockwasher
47	3	255162	Tie Rod
48	1	981122	Boom Section W/Float Position
49	1	254242	Valve Body
50	1	255257	Spool, Float
51	1	255258	Spring Retainer
52	1	255305	Spool End, Float
53	2	401072	Ball, Detent
54	2	410560	Spring, Detent
55	2	402964	Screw, Allen Head
56	2	254235	Lower Extension
57	2	410540	Screw, Allen Head
58	2	401032	Nut



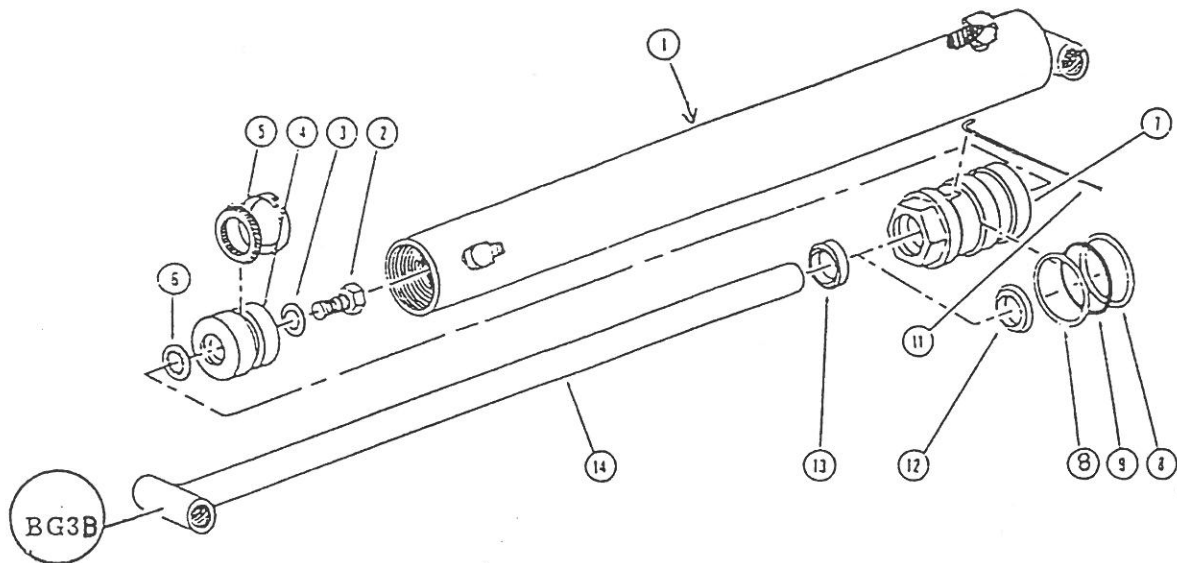
BCY12529 BOOM CYLINDER 2-1/2" X 14"

ILL. NO.	QTY.	PART NO.	DESCRIPTION	ILL. NO.	QTY.	PART NO.	DESCRIPTION
1	1	SCY12559	BARREL ASSEMBLY	8*	2	SCY1070	BACK-UP RINGS
2	1	SBT1017	CAPSCREW, 7/8"	9*	1	SCY1024	O'RING
3*	1	SCY1018	DYNA SEAL, 7/8"	11*	1	SCY1036	LOCKWIRE
4	1	SCY1020	PISTON	12*	1	SCY1025	ROD SEAL
5*	1	SCY1019	PISTON SEAL	13*	1	SCY1027	ROD WIPER
6*	1	SWS245	INTERNAL LOCKWASHER	14	1	SCY12560	ROD ASSEMBLY
7	1	SCY1023	CYLINDER HEAD		1	SCY1030	SEAL KIT
				10	1	BOL11728	OIL LINE, U-SHAPED



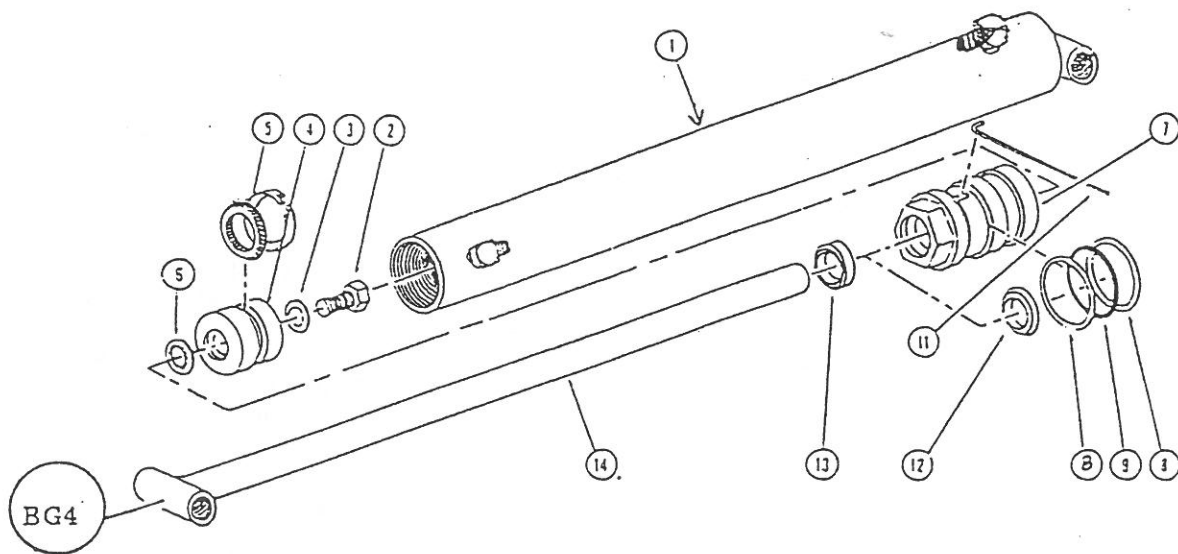
BCY13080 Dipper Stick Cylinder 2-1/3" x 10"

ILL. NO.	QTY	Part No.	Description	ILL NO	QTY	Part #	Description
1	1	SCY13083	Barrel Assembly	8*	1	SCY1070	Back-Up Rings
2	1	SBT1017	Capscrew, 7/8"	9*	1	SCY1024	O'Ring
3*	1	SCY1018	Dyna Seal, 7/8"	11*	1	SCY1036	Lockwire
4	1	SCY1020	Piston	12*	1	SCY1025	Rod Seal
5*	1	SCY1019	Piston Seal	13*	1	SCY1027	Rod Wiper
6*	1	SWS245	Internal Lockwasher	14	1	SCY13084	Rod Assembly
7	1	SCY1023	Cylinder Head	NI	1	SCY1030	Seal Kit



BCY13081 Bucket Cylinder 2" x 12"

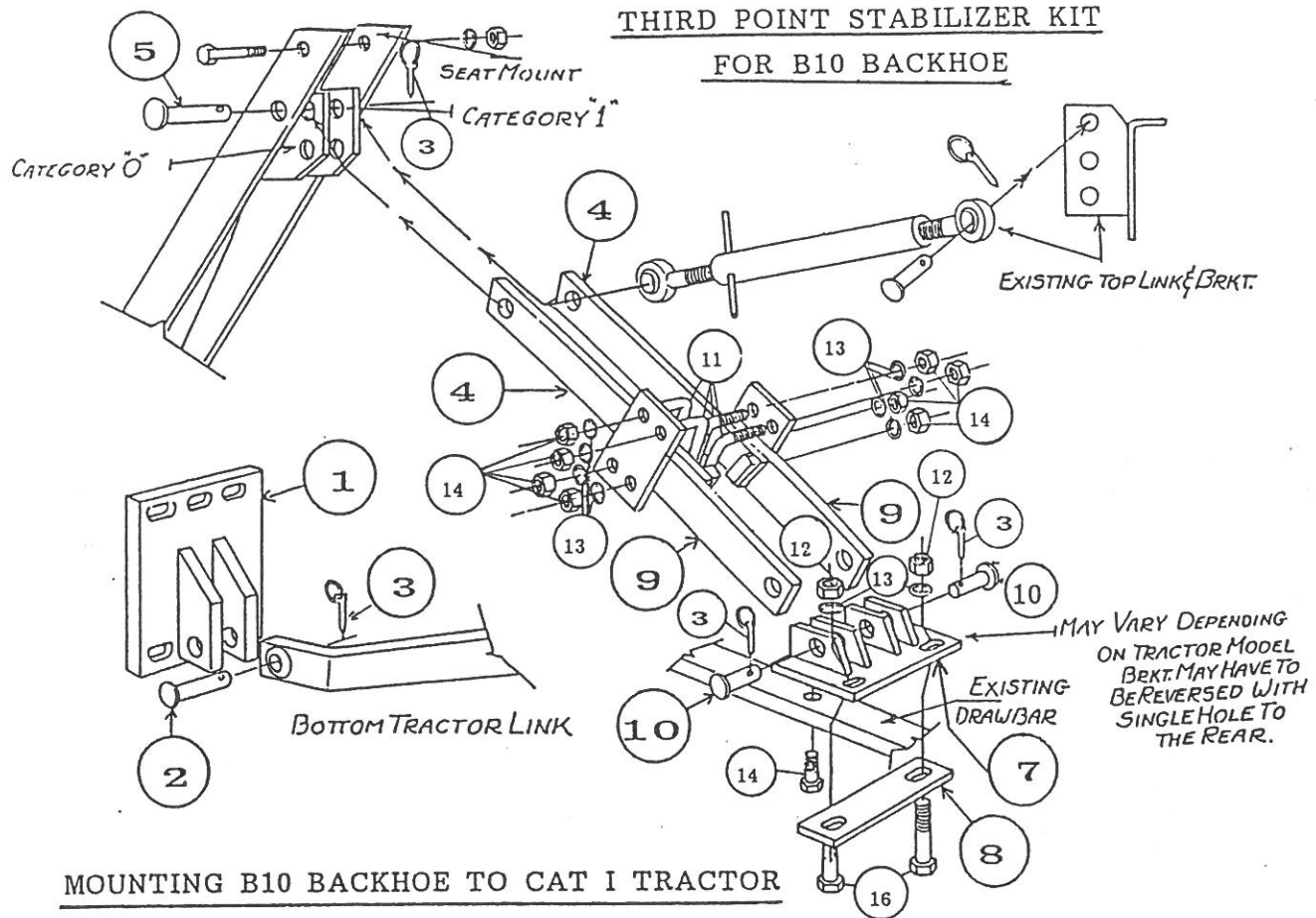
ILL. NO.	QTY	PART NO.	DESCRIPTION	ILL. NO.	QTY	PART #	DESCRIPTION
1	1	SCY13085	Barrel Assembly	8*	1	SCY1070	Back-Up Rings
2	1	SBT1017	Capscrew, 7/8"	9*	1	SCY1024	O'Ring
3*	1	SCY1018	Dyna Seal, 7/8"	11*	1	SCY1036	Lockwire
4	1	SCY1020	Piston	12*	1	SCY1025	Rod Seal
5*	1	SCY1019	Piston Seal	13*	1	SCY1027	Rod Wiper
6*	1	SWS245	Internal Lockwasher	14	1	SCY12564	Rod Assembly
7	1	SCY1023	Cylinder Head	NI	1	SCY1038	Seal Kit



BCY12538 STABILIZER CYLINDER 2-1/2" X 8"

ILL. NO.	QTY.	PART NO.	DESCRIPTION	ILL. NO.	QTY.	PART NO.	DESCRIPTION
1	1	SCY12565	BARREL ASSEMBLY	8*	2	SCY1070	BACK-UP RINGS
2	1	SBT1017	CAPSCREW, 7/8"	9*	1	SCY1024	O'RING
3*	1	SCY1018	DYNA SEAL, 7/8"	11*	1	SCY1036	LOCKWIRE
4	1	SCY1020	PISTON	12*	1	SCY1025	ROD SEAL
5*	1	SCY1019	PISTON SEAL	13*	1	SCY1027	ROD WIPER
6*	1	SWS245	INTERNAL LOCKWASHER	14	1	SCY12566	ROD ASSEMBLY
7	1	SCY1023	CYLINDER HEAD		1	SCY1030	SEAL KIT

THIRD POINT STABILIZER KIT
FOR B10 BACKHOE



MOUNTING B10 BACKHOE TO CAT I TRACTOR

PACKING LIST FOR BMT12509

THIRD POINT STABILIZER KIT
FOR B10 BACKHOE

<u>ILL.</u>	<u>PART NO.</u>	<u>QTY</u>	<u>DESCRIPTION</u>
1	BMT12572	1	RH LOWER BRACKET
1	BMT12573	1	LH LOWER BRACKET
2	SPN12568	2	PINS 7/8" X 3 1/2" WITH WASHER
3	SPN11558	3	1/4" LYNCH PINS
4	BMT12571	2	BAR WITH END BENT
5	SPN12569	1	PIN 3/4" X 5-3/4" WITH WASHER
9	BMT12570	2	BAR WITH PLATES
11	SBT190	4	U-BOLT 5/8" X 2" X 3 1/2"
12	SNT2086	16	5/8" NUTS
13	SWS2088	16	5/8" LOCKWASHERS
NI	SBT2068	8	CAPSCREW 5/8" X 2"
NI	SWS2089	8	5/8" LOCKWASHERS

PACKING LIST FOR BMT12524

DRAWBAR BRACKET

<u>ILL.</u>	<u>PART NO.</u>	<u>QTY.</u>	<u>DESCRIPTION</u>
3	SPN11558	2	1/4" LYNCH PINS
7	BWD12524	1	DRAW BAR BRACKET
8	BMT12574	1	BOTTOM PLATE
10	SPN12575	2	PIN 3/4" X 2 1/2" W/WASHER P.
12	SNT2086	3	5/8" NUTS
NI	SWS2103	1	3/4" LOCKWASHER
13	SWS2088	3	5/8" LOCKWASHERS
14	SBT2093	1	3/4" X 2 1/2" CAPSCREW
14	SBT2070	1	5/8" X 2 1/2" CAPSCREW
NI	SNT2102	1	3/4" NUT
16	SBT11452	2	5/8" X 3" CAPSCREW
13	SWS2089	5	5/8" FLATWASHERS

Kelley

FARM EQUIPMENT