

Kelley

B10

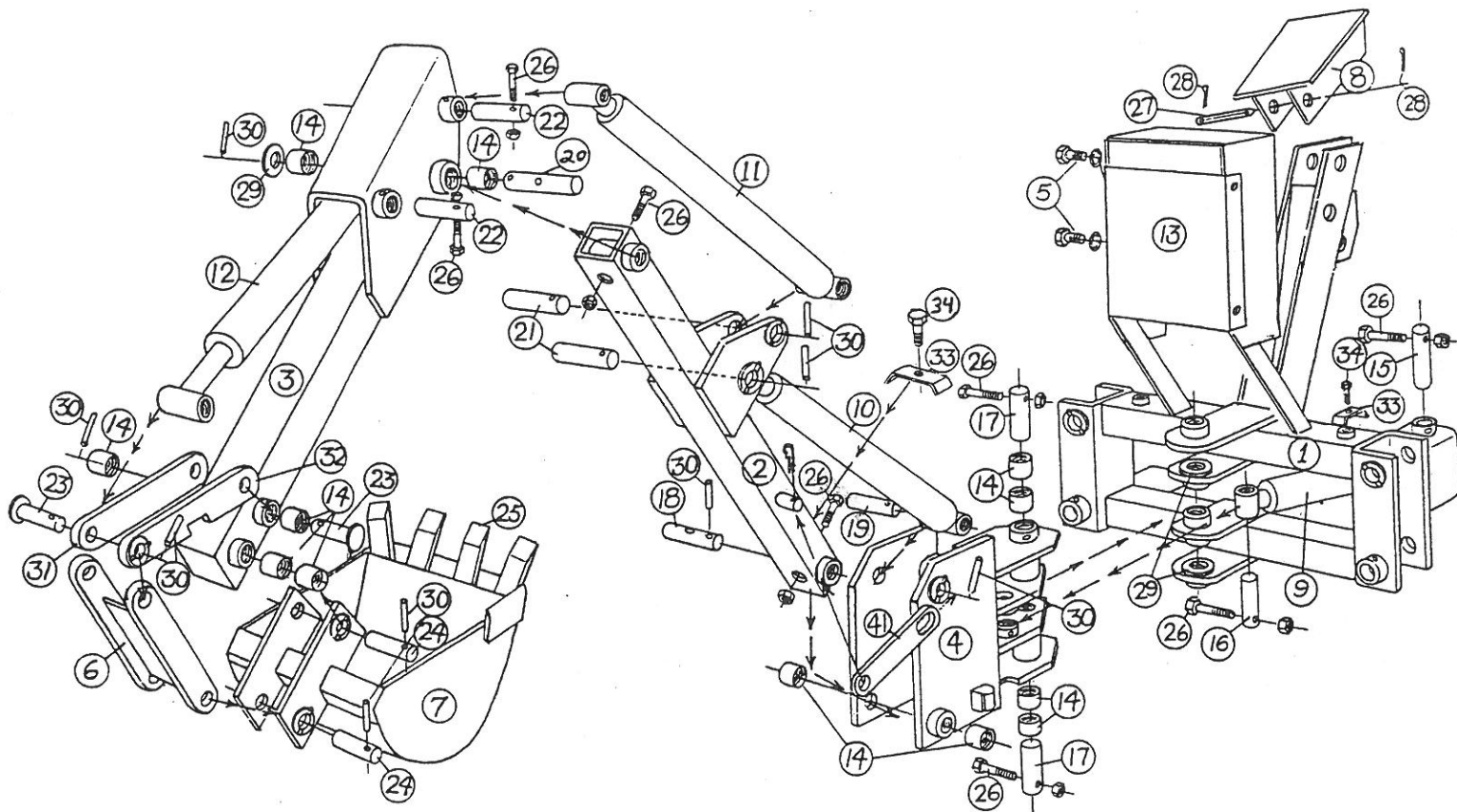
BACK-HOE

Parts Manual

KELLEY MANUFACTURING CORPORATION

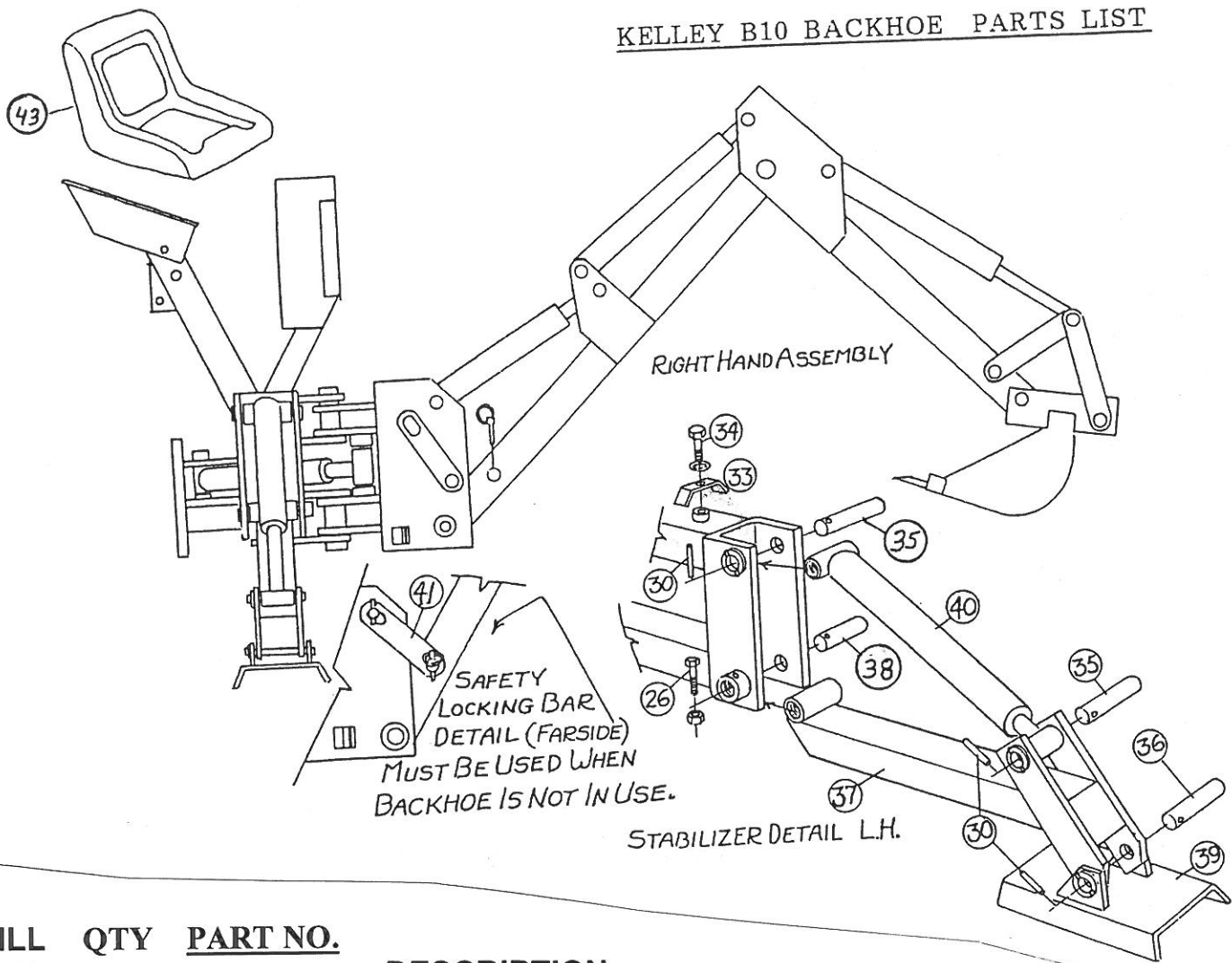
PO BOX 276 • 131 PROGRESSIVE DRIVE • OTTOVILLE, OHIO 45876 • PHONE 419-453-5539 • FAX 419-453-2278

KELLEY B10 BACKHOE PARTS LIST



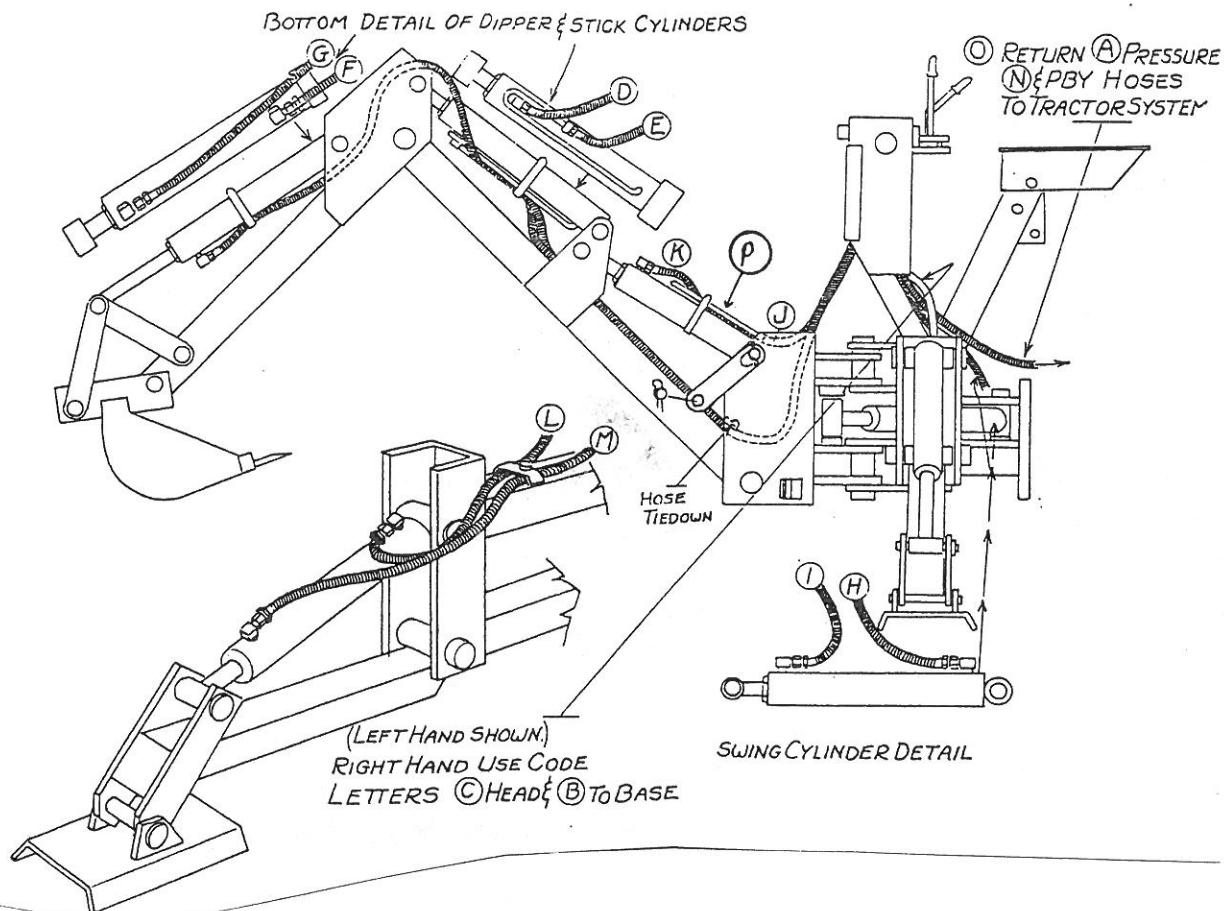
<u>ILL</u> <u>NO</u>	<u>Qty</u>	<u>Part</u> <u>NO</u>	<u>Description</u>
1	1	BMF12517	Main Frame Weld Assembly
2	1	BMF12518	Boom Weld Assembly
3	1	BMF12521	Dipper Stick Weld Assembly
4	1	BMF12522	Swing Weld Assembly
5	4	SBT10502	Metal Screw 1/4" x 3/4"- Self Taping
6	1	BMF12526	Bucket Link
7		BBK9109	9" Bucket w/Weld on Tooth (BBK9110 w/Replaceable tooth)
		BBK9112	12" Bucket (BBK9113 w/Replaceable tooth)
		BBK9115	15" Bucket (BBK9110 w/Replaceable tooth)
8	1	BMS12527	Seat Mount Plate
9	1	BCY12528	Swing Cylinder
10	1	BCY12529	Boom Cylinder
11	1	BCY12530	Dipper Stick Cylinder
12	1	BCY12531	Bucket Cylinder
13	1	BMS12532	Cover
14	10	SMS12540	Bushing Greaseless Plastic
15	1	SPN12541	Pin 1" x 5-1/2" Swing Base
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	SPN13154	Pin 1"x8-1/8" two 5/16" holes and 7/16" Dimple hole
19	1	SPN12545	Pin 1"x6-3/8" with two 5/16" holes
20	1	SPN12546	Pin 1"x6-1/2" with washer two 5/16" holes
21	2	SPN12547	Pin 1"x4-7/8" with 5/16" holes
22	2	SPN10457	Pin 1"x6" with 5/16" hole B30

KELLEY B10 BACKHOE PARTS LIST



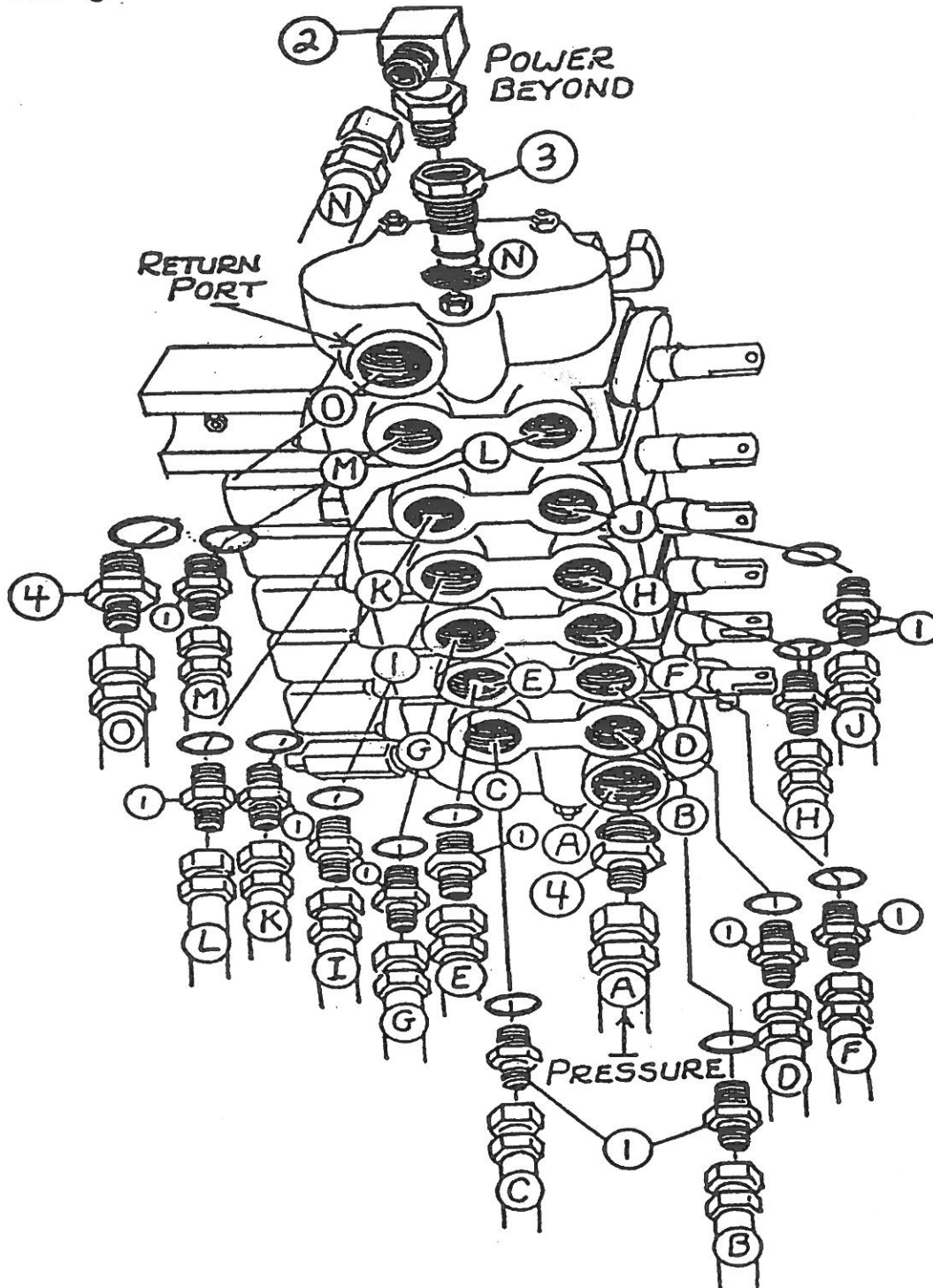
<u>ILL NO.</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
23	2	SPN10990	Pin 1"x6-1/4" with washer and 5/16" hole-Bucket Linkage
24	2	SPN12548	Pin 1" X 6-1/8" W/ 5/16" Hole Bucket
25		BBK12533	Bucket Tooth Weld-on Replacement (BBK168-Peened on Replaceable tooth)
26	10	SBT10795	Capscrew 5/16" x 2" GR8
27	10	SNT2018	Nut 5/16"
27	1	SPN12549	Pin 1/2" X 6" w/ two 1/8" holes- Seat Pivot
28	2	SPN2113	Cotter Pins 1/8" x 1"
29	3	SWS10984	Spacer Thrust Washer
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	SPN117	Pin 1" x 4" w/ 5/16" Hole-Stabilizer Cylinder Rod
36	4	SPN12550	Pin 1" x 4 7/8" w/ 5/16" Hole Stabilizer Pad-Stabilizer Cylinder Base
37	2	BMF12536	Folding Stabilizer RH & LH
38	2	SPN12551	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 B10 BACKHOE HOSES

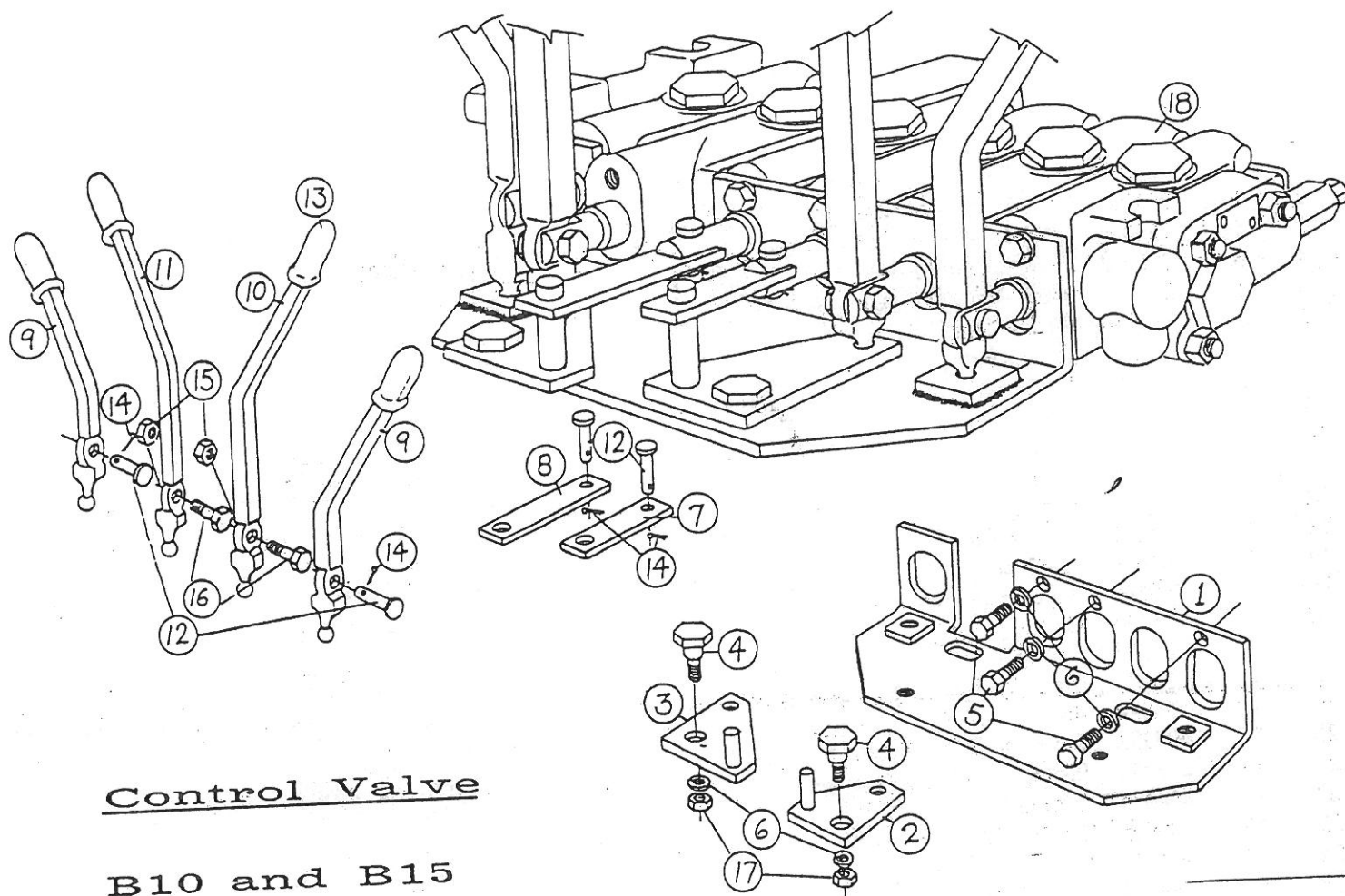


ILL	QTY	PART NO	DESCRIPTION
A	1	SHO12552	Pressure Hose 3/8x50"-3/8"-1/2"JFS
B	1	SHO12495	Stabilizer RH hose 4P-46"-6JFS-6JFS
C	1	SHO12497	Stabilizer RH hose 4P-48"-6JFS-6JFS
D	1	SHO12553	Dipper Stick Hose 4P-74"-6JFSA-6JFS
E	1	SHO342	Dipper Stick Hose 4P-69"-6JM-6JFS
F	1	SHO12554	Bucket Hose 4P-102"-6JFS-6JFS
G	1	SHO12555	Bucket Hose 4P-118"-6JFS-6JFS
H	1	SHO10556	Swing Hose 4P-33"-6JFS-6JFS
I	1	SHO11904	Swing Hose 4P-35"-6JFS-6JFS
J	1	SHO10473	Boom Hose 4P-33"-6JM-6JFS
K	1	SHO12557	Boom Hose 4P-42"-6JFS-6JFS
L	1	SHO12295	Stabilizer Hose Right Hand 4P-46" 6JFS-6JFS
M	1	SHO12497	Stabilizer Hose Left Hand 4P-48"-6JFS-6JFS
N	0		POWER BEYOND HOSE MUST BE SUPPLIED BY DEALER, WILL VARY WITH TRACTOR MAKE AND MODEL.
O	1	SHO12552	Return Hose 6P-50"-6-8JFS
P	1	BOL11728	Oil Line, U-Shaped

**Kelley B10
Hoses and Fittings**



ILL No	Qty	Part No	Description
1	12	SFT10146	850X6X8 STRAIGHT THREAD O-RING CONNECTOR
2	1	SFT10066	8538X8X10 STRAIGHT THREAD O-RING 90° ELBOW
3	1	255049	POWER BEYOND SLEEVE
4	2	SFT10079	8508X8X10 STRAIGHT THREAD O-RING CONNECTOR



Control Valve

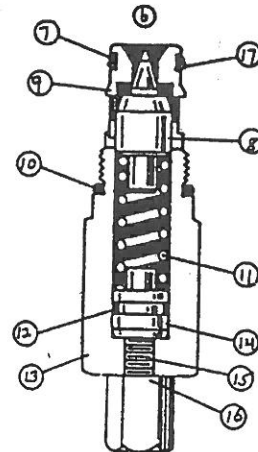
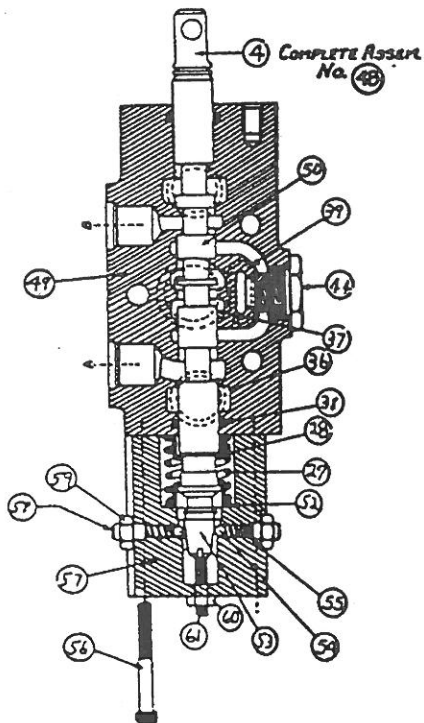
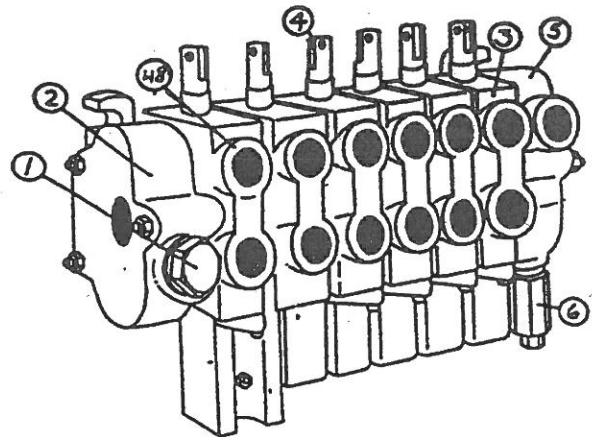
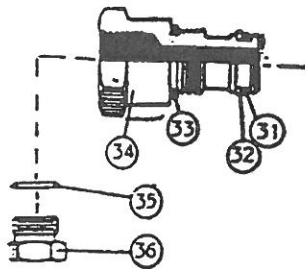
B10 and B15

1	1	BMS12666	CONTROL BASE
2	1	BMS12667	RH Control Trunion
3	1	BMS12668	LH Control Trunion
4	2	SBT11374	Shoulder Bolt 5/16" x 7/8"
5	3	SBT10819	5/16" x 5/8" Capscrew
6	5	SWS2019	5/16" Lockwasher
7	1	SMS12669	RH Short Link
8	1	SMS12671	LH Short Link
9	2	BMS12672	Control Lever, Stabilizer
10	1	BMS12674	Control Lever, RH Main
11	1	BMS12675	Control Lever, LH Main
12	4	SPN11379	Pins, 1/4" x 3/4"
13	4	SMS10030	Handle Grip
14	4	SPN11377	Cotter Pins, 1/16" x 1/2"
15	2	SNT12673	Locknut, 1/4" NF
16	2	SBT12664	1/4" x 1" NF Bolt
17	2	SNT2018	5/16" NC Nut
18	1	986734	Racine Valve w/Float

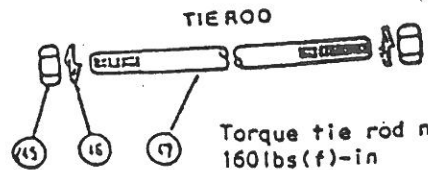
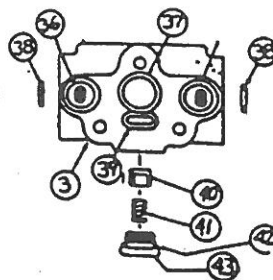
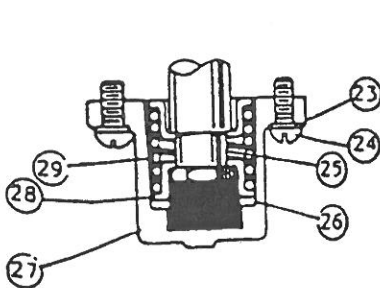
GRESEN/RACINE SIX SECTION VALVE-B600 AND B750

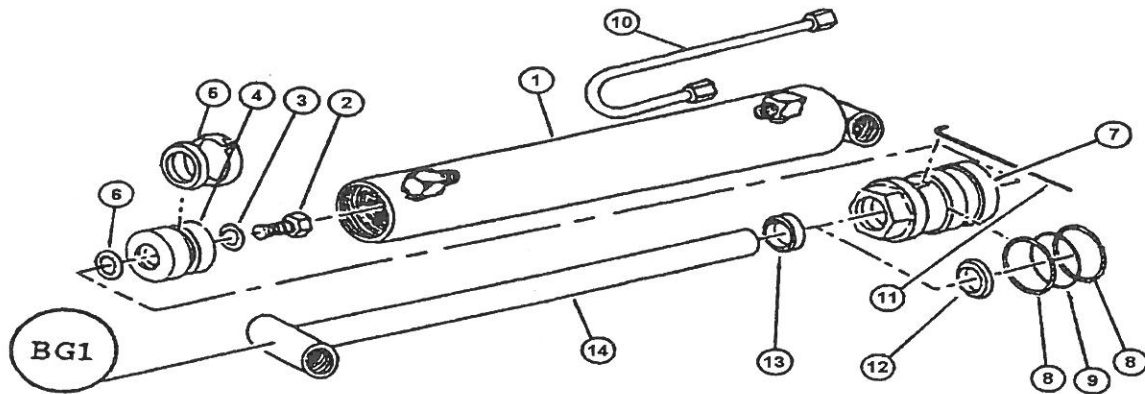
Part No. V-12-1051-A

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 OPENING
4	6	255002	FEMALE SPOOL END
5	1	254016	INLET MANIFOLD SECTION WITH #10
6	1	785056	DIRECT RELIEF VALVE CARTRIDGE
7	1	404463	O'RING
8	1	255003	POPPET
9	1	255044	POPPET BODY
10	2	405393	O'RING
11	1	410557	SPRING
12	1	401272	O'RING
13	1	255144	DIRECT RELIEF VALVE CARTRIDGE BODY
14	1	255143	SPRING SEAT
15	1	410556	ADJUSTMENT SCREW
16	1	255271	JAM NUT
17	1	490963	BACK-UP RING
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
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
52	1	255258	SPRING RECAINER,
53	1	255305	SPOOL END FLOAT
54	2	401072	BALL, DETENT
55	2	410560	SPRING, DETENT
56	2	402964	SCREW, ALLEN HEAD
57	1	254235	LOWER EXTENSION
58	2	410540	SCREW, ALLEN HEAD
59	2	401032	NUT
60	1	401032	1/4-28 JAM NUT
61	1	410540	1/4"-28 SPOOL LIMIT ADJ. SCREW
NI	1	255256	Spool Metering-Standard
NI	8	SBT2068	Capscrew 5/8" x 2"
NI	8	SNT11682	Nut lock 5/8"
NI	8	SWS2089	Flatwasher 5/8"



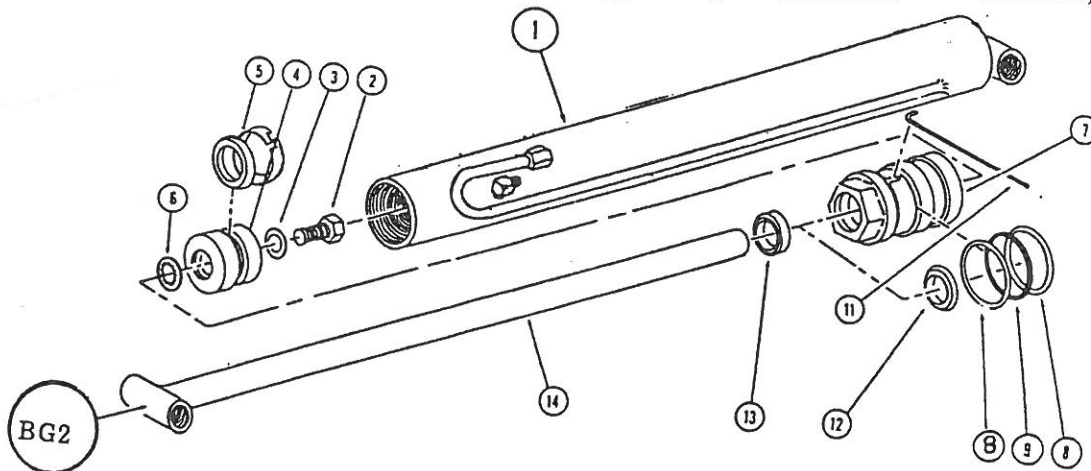
DIRECT RELIEF VALVE CARTRIDGE W/EXTERNAL ADJUSTMENT
CODE LETTER 'F'
785056





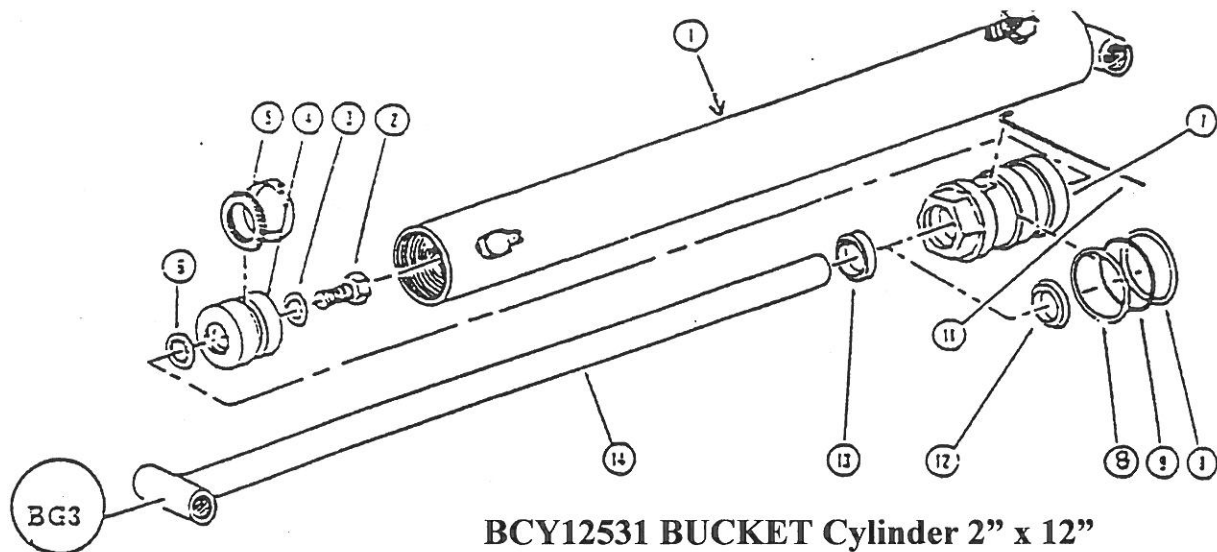
BCY12529 Boom Cylinder 2-1/2" x 14"

ILL NO.	ILL 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	N.I.	1	SCY1030	Seal Kit
				10	1	BOL11728	OIL LINE, U-SHAPED



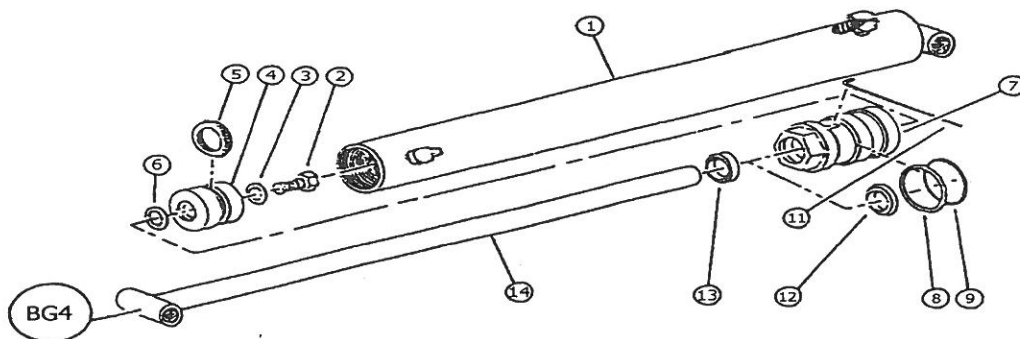
BCY12530 DIPPER STICK CYLINDER 2-1/2" x 10"

ILL NO.	ILL QTY	Part No.	Description	ILL NO.	QTY	PART NO.	Description
1	1	SCY12561	Barrel Assembly	8*		SCY1070	Back-Up Rings
2	1	SBT1017	Capscrew, 7/8"	9*		SCY1024	O'Ring
3*	1	SCY1018	Dyna Seal, 7/8"	11*		SCY1036	Lockwire
4	1	SCY1020	Piston	12*		SCY1025	Rod Seal
5*	1	SCY1019	Piston Seal	13*		SCY1027	Rod Wiper
6*	1	SWS245	Internal Lockwasher	14		SCY12562	Rod Assembly
7	1	SCY1023	Cylinder Head	NI		SCY1030	Seal Kit



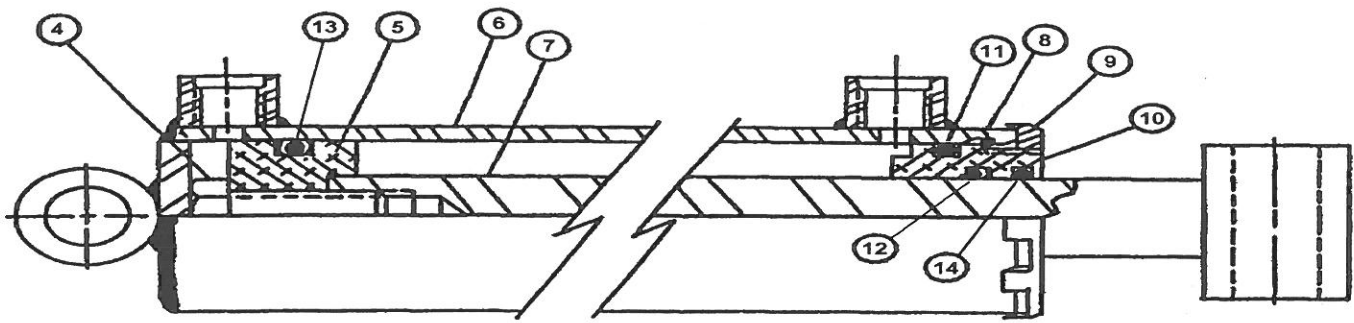
BCY12531 BUCKET Cylinder 2" x 12"

ILL NO.	ILL QTY	Part No.	Description	ILL NO.	QTY	PART NO.	Description
1	1	SCY12563	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	SCY1034	Cylinder Head	N.I.	1	SCY1038	Seal Kit



BCY12538 STABILIZER CYLINDER 2" x 8"

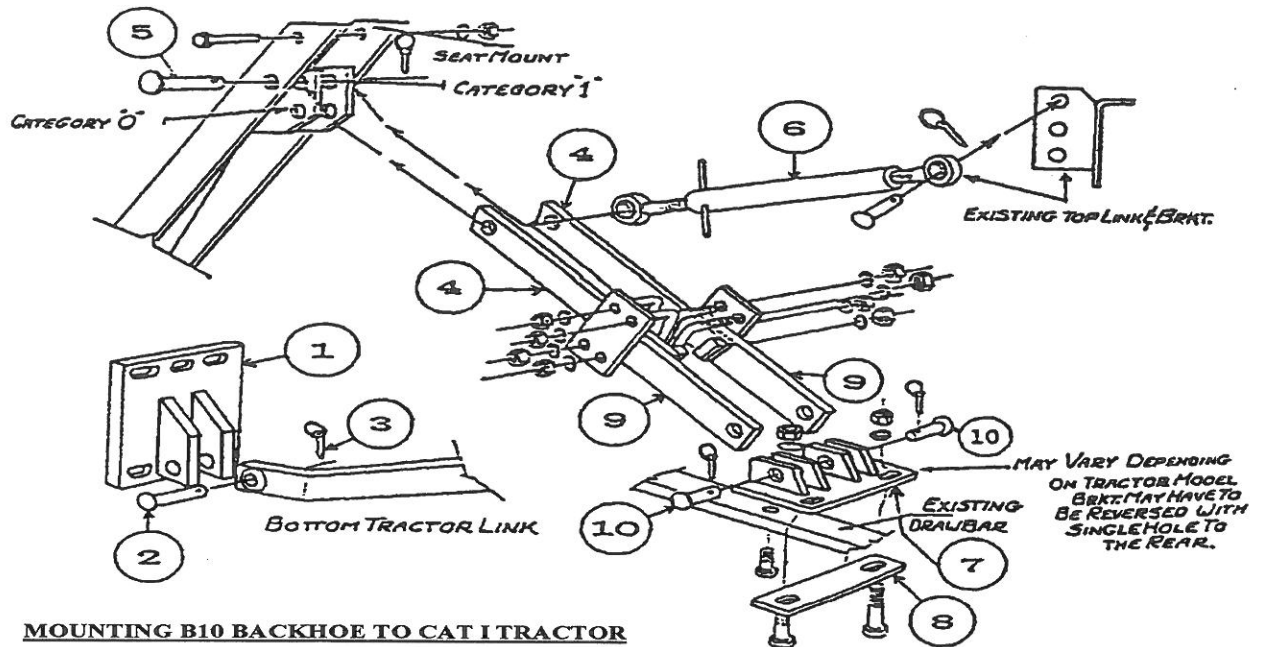
ILL NO.	ILL QTY	Part No.	Description	ILL NO.	QTY	PART NO.	Description
1	1	SCY12565	Barrel Assembly	8	2	SCY1070	Back-Up Rings
2	1	SBT1020	Capscrew, 7/8"	9	1	SCY1024	O'Ring
3*	1	SCY1019	Dyna Seal, 7/8"	11	1	SCY1036	Lockwire
4	1	SCY1032	Piston	12	1	SCY1025	Rod Seal
5*	1	SCY1031	Piston Seal	13	1	SCY1027	Rod Wiper
6*	1	SWS245	Internal Lockwasher	14	1	SCY12566	Rod Assembly
7	1	SCY1034	Cylinder Head	NI	1	SCY1038	Seal Kit



BCY12528 SWING CYLINDER 2-1/2" x 7"

ILL NO.	ILL QTY	Part No.	Description	JD HYDRAULIC #221
4	1	SBT13144	Capscrew, 5/8" X 2"	
5	1	SCY13143	Piston	JD221B
6	1	SCY13142	Barrel	JD221A
7	1	SCY12861	Rod	JD221D
8	1	SCY12888	Lockwire	JD221M
9	1	SCY12862	Locknut	JD221L
10	1	SCY12877	Head	JD221K
NI		SCY12859	Seal Kit	JD221S

BMT12509 Stabilizer Kit with BMT 12524 Draw Bar Bracket

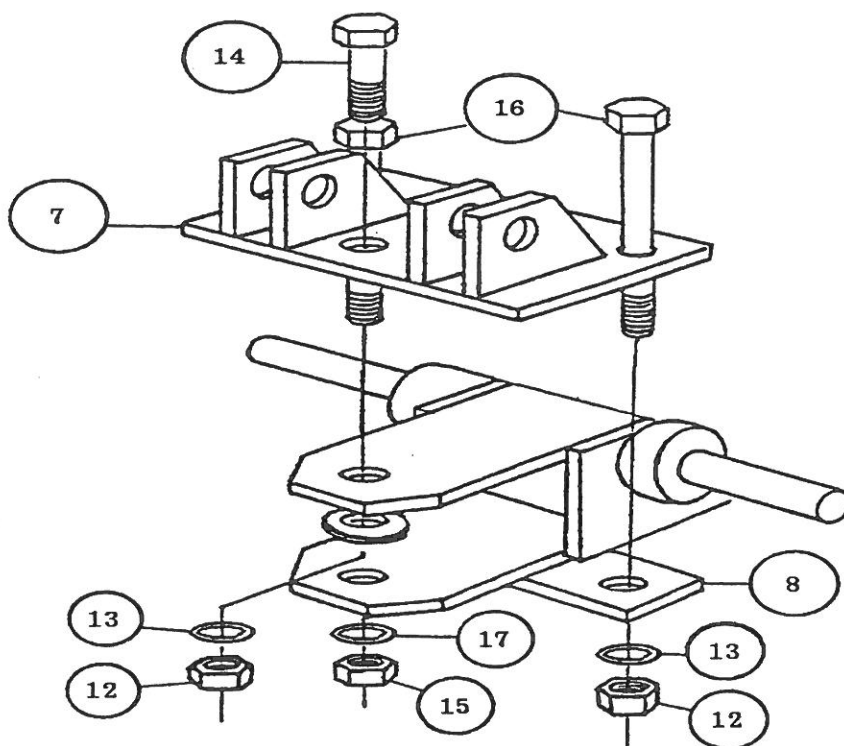


MOUNTING B10 BACKHOE TO CAT I TRACTOR

MOUNTING B10 BACKHOE TO CAT I TRACTOR

	ILL.	Part No.	QTY	Description
PACKING LIST FOR <u>BMT12509</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
THIRD POINT STABILIZER KIT FOR B10 BACKHOE	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-Bolts 5/8" x 2" x 3-1/2"
	12	SNT2086	16	5/8" Nuts
	13	SWS2088	16	5/8" Lockwashers
	NI	SNT2068	8	Capscrew
	NI	SWS2089	8	5/8" Flatwashers

	ILL	PART NO.	QTY	DESCRIPTION
PACKING LIST FOR BMT12524 DRAWBAR BRACKET	3	SPN11558	2	1/4" Lynch Pins
	7	BWD12524	1	Drawbar Bracket
	8	BMT12574	1	Bottom Plate
	10	SPN12575	2	Pin 3/4" x 2-1/2" w/washer
	12	SNT2086	3	5/8" Nuts
	NI	SWS2103	1	3/4" Lockwashers
	13	SWS2088	3	5/8" Lockwashers
	14	SBT2093	1	3/4" x 3-1/2" Capscrew
	14	SBT2070	1	5/8" x 2-1/2" Capscrew
	NI	SNT2102	1	3/4" nut
	16	SBT11452	2	5/8" x 3" Capscrews
	13	SWS2089	5	5/8" Flat washer



THIS IS THE DRAWBAR BRACKET DESIGNED FOR A KUBOTA 7100

PACKING LIST FOR BMT12558

<u>ILL.</u>	<u>PART NO.</u>	<u>QTY.</u>	<u>DESCRIPTION</u>
7	BWD12558	1	DRAWBAR BRACKET
8	BMT12567	1	BOTTOM PLATE
12	SNT2086	2	5/8" NUTS
13	SWS2088	3	5/8" LOCKWASHERS
14	SBT2090	1	3/4 X 1-1/2 CAP
15	SNT2102	1	3/4" NUTS
16	SBT1076	2	5/8"X6" CAPS
17	SWS2103	1	3/4 LOCKWASHER

1	BPP12874	RESERVOIR
2	SPP6230	FILTER SCREEN
3	SFT2529	1" ST EL90
5	SFT13096	HOSE BARB 1"
6	SFT12946	9405 X 8 X 8 SWIVEL NUT EL
6	SFT12945	6900 X 10 X 8 PUMP ADAPTER (PRESSURE)
7	SBT10123	1/2" X 2-1/2" X 3-3/4" U-BOLT
8	SPP10105	TORQUE BAR FOR 194YC
9	SPP12219	194YC WEBSTER PUMP (SIDE PORT)
11		6801 X 12 X 14 PUMP ADAPTER ELBOW (SUCTION)
12	SPP10078	PUMP DRIVE ADAPTER 1 3/8" X 3/4" BORE
13	SPP2639	BREATHING CAP
16	SHO12947	16CBW-12JFS-0-50
17	SCL2640	1" HOSE CLAMP
19	SHO11123	BACKHOE PRESURE & RETURN HOSES
NI	SNT2060	1/2" NC NUTS
NI	SFT2501	1/4" PIPE PLUG (LEVEL)
NI	SBT2023	3/8" X 1-1/4" NC CAPSCREW
NI	SMS13286	Rubber Hose Cover 3/4x10
NI	SWS10900	1/2" STAR WASHERS
NI	SNT2031	3/8" NC NUTS
NI	SWS2033	STAR WASHERS
NI	SFT2502	3/8" PIPE PLUG (DRAIN)

BCP 12750
B10 PUMP MOUNTING
AND STABILIZER

