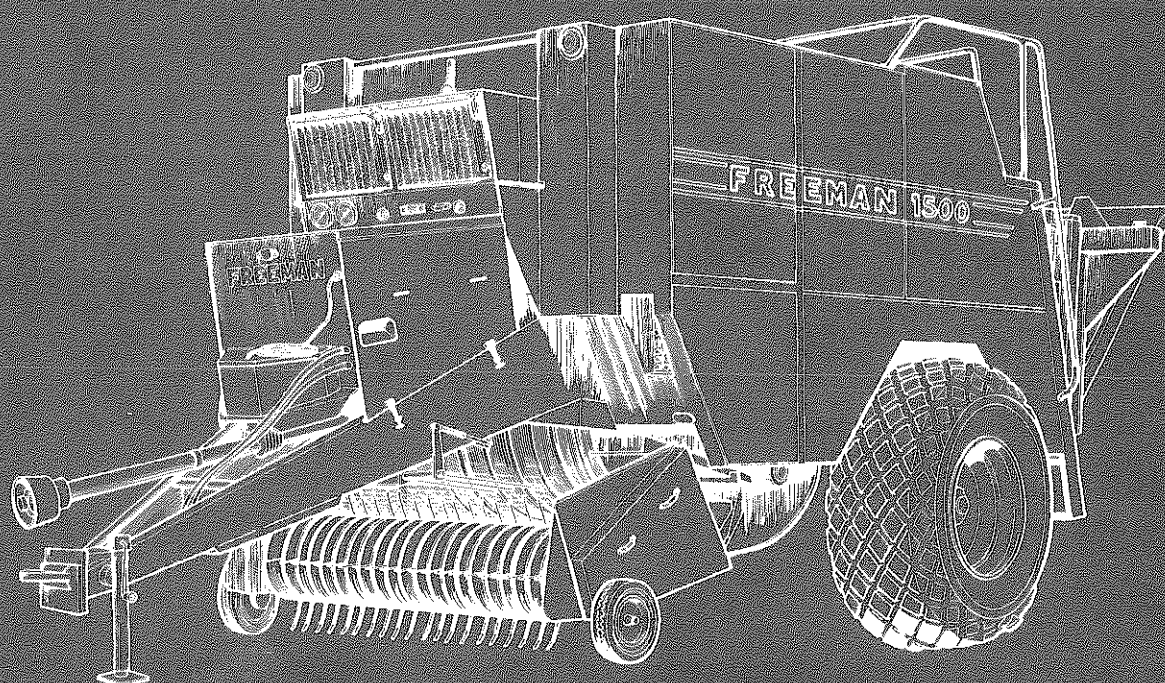


FREEMAN

MODEL 1500 BALER

85 PARTS LIST



manufactured and distributed by

J. A. FREEMAN & SON, INC.

PB00001500

PORTLAND, OREGON



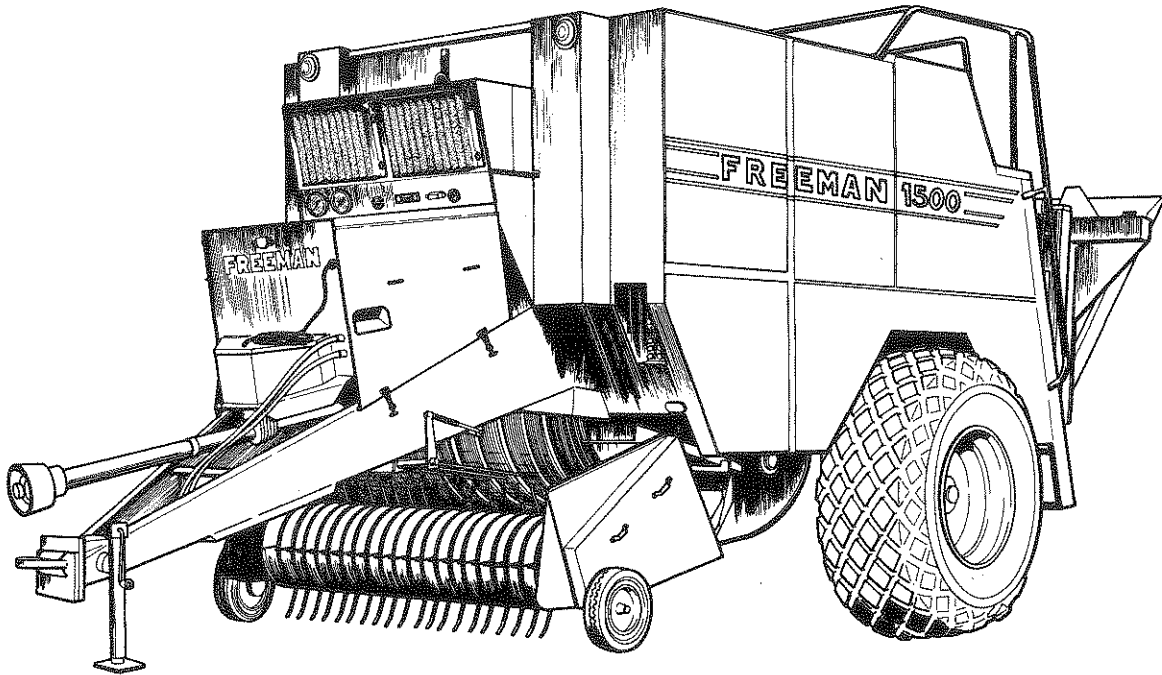
BE CAREFUL

1. KEEP ALL SHIELDS IN PLACE.
2. STOP ENGINE OR MOTOR BEFORE LEAVING OPERATOR'S POSITION TO ADJUST, LUBRICATE, CLEAN, OR UNCLOG MACHINE, UNLESS OTHERWISE SPECIFICALLY RECOMMENDED IN THE "OPERATOR'S MANUAL."
3. WAIT FOR ALL MOVEMENT TO STOP BEFORE SERVICING MACHINE.
4. KEEP HANDS, FEET, AND CLOTHING AWAY FROM POWER DRIVEN PARTS.
5. KEEP OFF EQUIPMENT UNLESS SEAT OR PLATFORM FOR OPERATION AND OBSERVATION IS PROVIDED.
6. KEEP ALL OTHERS OFF.
7. USE APPROPRIATE SIGNS OR WARNING LIGHTS WHEN OPERATING ON HIGHWAYS.
8. MAKE CERTAIN EVERYONE IS CLEAR OF MACHINE BEFORE STARTING ENGINE, MOTOR OR OPERATION.

PARTS LIST 85

for

MODEL 1500 BALER



POLICY

1. It is the policy of J.A. Freeman & Son, Inc. to constantly improve its products whenever it is practical to do so.
2. J.A. Freeman & Son, Inc. reserves the right to redesign or change its equipment or component parts thereof without incurring any obligation to install or furnish such changes on equipment previously delivered.
3. Unauthorized changes or additions to equipment manufactured by J.A. Freeman & Son, Inc. relieves the company of further responsibility for warranted operation and breakage replacement.

INSTRUCTIONS FOR ORDERING PARTS

1. Order by part number and description of part.
 - (a) Parts should NOT be ordered from illustration only.
 - (b) Parts should NOT be ordered from numbers on castings.
2. Order by Model 1500 Baler serial number and model.
3. Much delay and confusion can be avoided if parts numbers are arranged in sequence on all orders.
4. State how to ship: whether by truck, stage, parcel post, air parcel post, UPS, or air freight.
5. Claims for shortage or error in handling of an order for parts must be made upon receipt of goods.
6. Address all orders for parts as follows:

J.A. Freeman & Son, Inc.
Parts Department,
2034 N.W. 27th Avenue,
Portland, Oregon 97210

Place serial number of machine here for your convenience:

Model 1500 Baler Serial No. _____

Left and right of machine are understood to mean from a position facing in the direction of travel.

Permission must be secured before any parts are returned for credit. When parts are returned, the freight must be prepaid or arrangements made so that they can be brought in by our trucks.

"NOTE"

Parts are identified by reference numbers. See parts list for correct part numbers. DO NOT USE REFERENCE NUMBERS AS PART NUMBERS.

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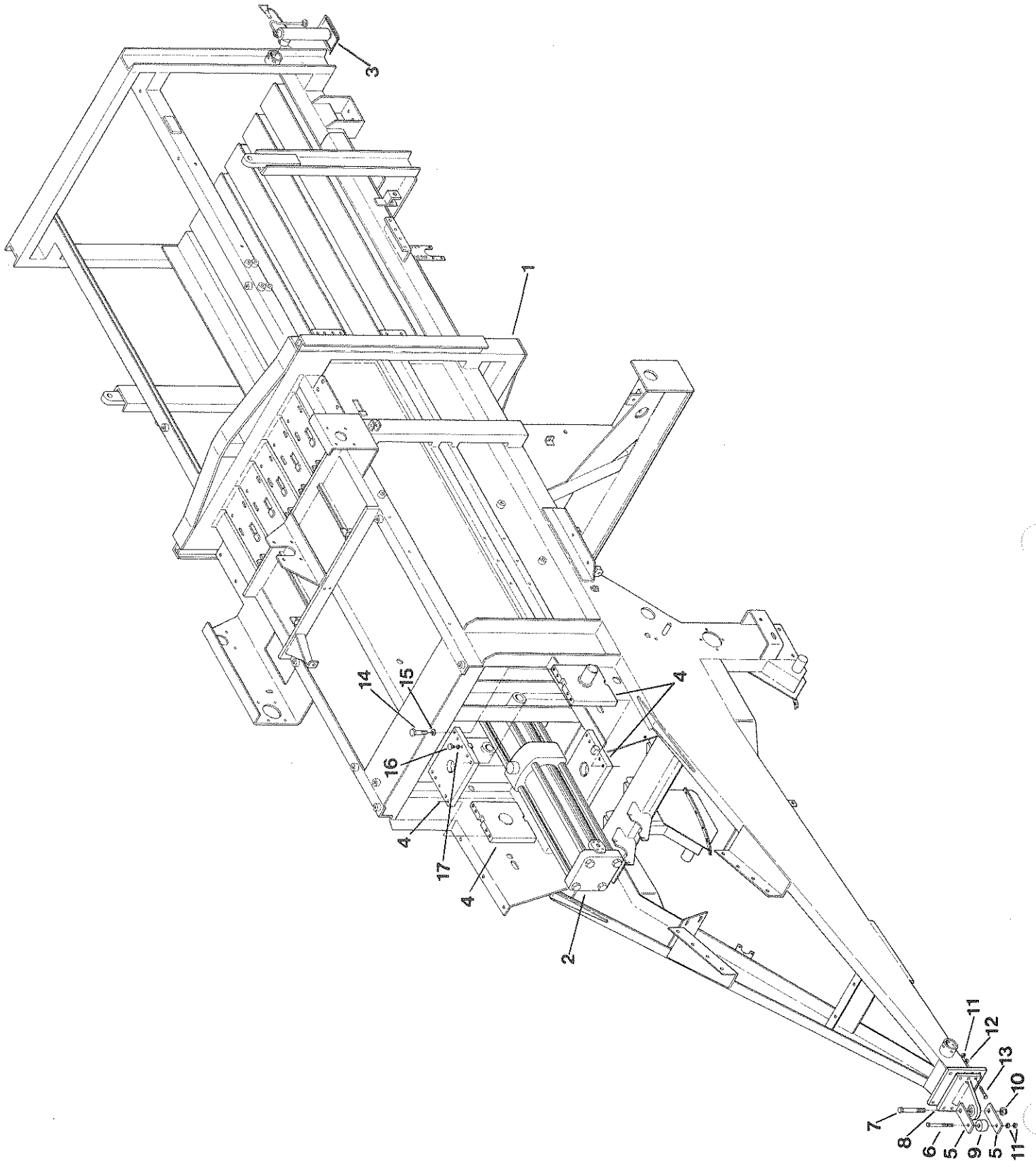
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HYP FA4V	86	MNT0015403	30	PLG1497201	50	SHD0015750	82
HYP FA4LR	86	MNT0015499	18	PLT0015554	98	SHD0015890	34
HYP FA4RW	86	MNT0015607	44	PLT0015769	18	SHD0015955	10

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SHD0016021.....	8	SPC0015556.....	98	SUP1483300.....	5,36	VLV0001506.....	60
SHD0016025.....	8	SPC0015788.....	1	SUP1483301.....	5,36	VLV0002005.....	70
SHD0016027.....	8	SPC0016001.....	38	SUP1588300.....	5	VLV0006000.....	78
SHD0016094.....	12	SPC0016218.....	46	SUP1588301.....	7	VLV0009540.....	56
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SHD0016325.....	10	SPC0016659.....	24	SUP1588601.....	7	VLV0013762.....	66,76
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SHD0017461.....	10	SPG0015375.....	76	SUP1590101.....	7	VLV0013770.....	76
SHD0017458.....	10	SPG0015376.....	76	SUP1590500.....	5	VLV0013771.....	76
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SHD0017637.....	24	SPG0015800.....	72	SUP1591900.....	5	VLV0015004.....	70
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SHD1608310.....	12	SPG0017662.....	24	SUP1593501.....	7	VLV0017225.....	72
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SHD1669310.....	12	SPK0000554.....	26	SUP1763301.....	24	VLV0075005.....	66
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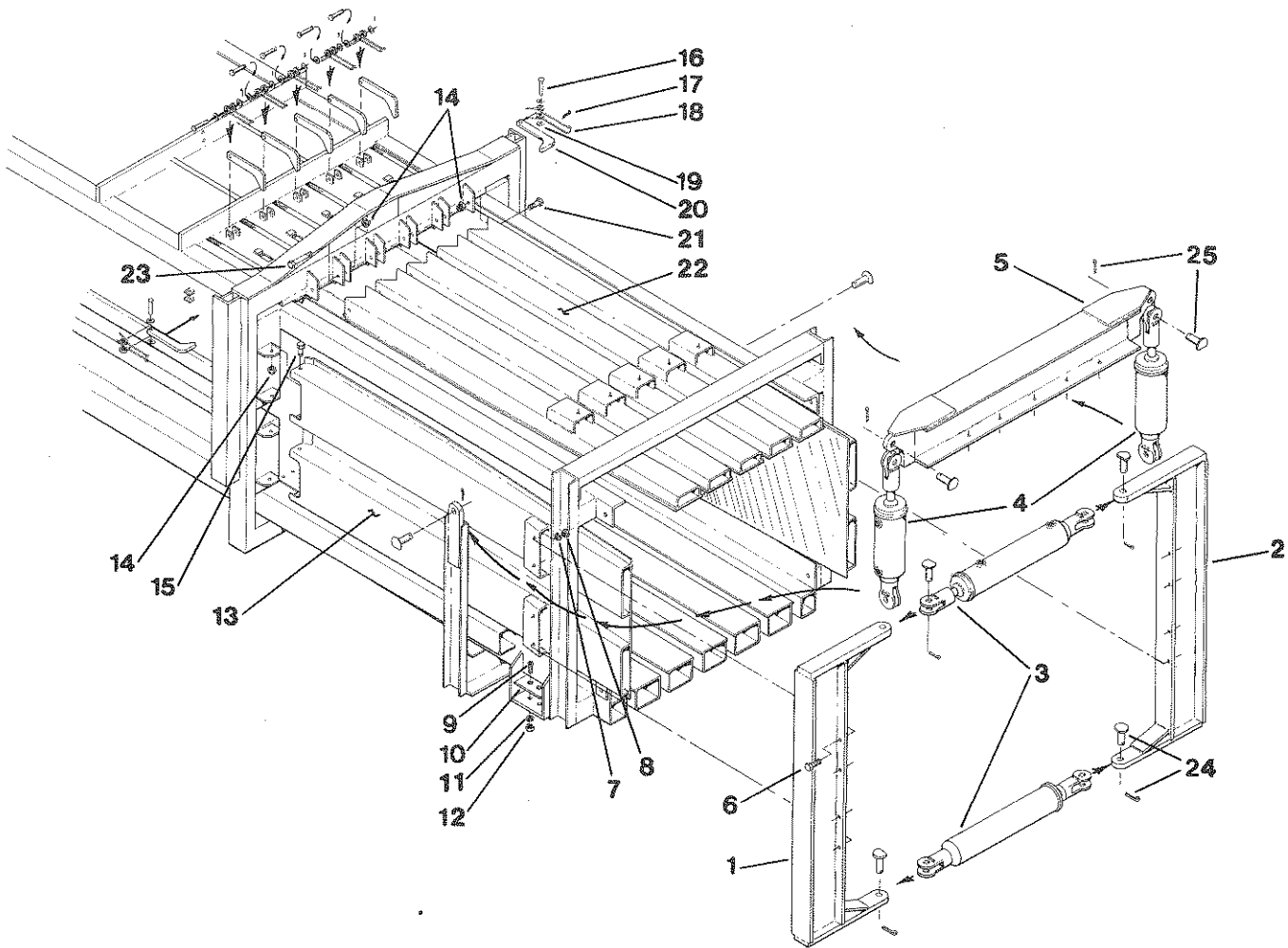
MAIN FRAME



MAIN FRAME

REF. NO.	PART NO.	DESCRIPTION
1	FRM0015316	Main Frame
2	CYL0001500	Plunger Cylinder
3	JCK0000198	Jack
4	FRM0014865	Frame
5	PLT0015787	Clevis Plate (2 used)
6	SCC0070018	$\frac{5}{8}$ "-11 x 6" Cap Screw
7	SCC0100018	1"-8 x 6" Cap Screw
8	HTH0015339	Ball Hitch Assembly
9	SPC0015788	Clevis Spacer
10	NCE0010000	1"-8 NC ESNA Hex Nut
11	NCH0000625	$\frac{5}{8}$ "-11 Hex Nut (8 used)
12	WLK0000625	$\frac{5}{8}$ " Lockwasher (6 used)
13	SCC0070008	$\frac{5}{8}$ "-11 x 2 $\frac{1}{2}$ " Cap Screw (6 used)
14	SCC0080009	$\frac{3}{4}$ "-10 x 2 $\frac{3}{4}$ " Cap Screw (16 used)
15	WLK0000750	$\frac{3}{4}$ " Lockwasher (16 used)
16	SCC0030006	$\frac{3}{8}$ "-16 x 2" Cap Screw (4 used)
17	WLK0000375	$\frac{3}{8}$ " Lockwasher (4 used)

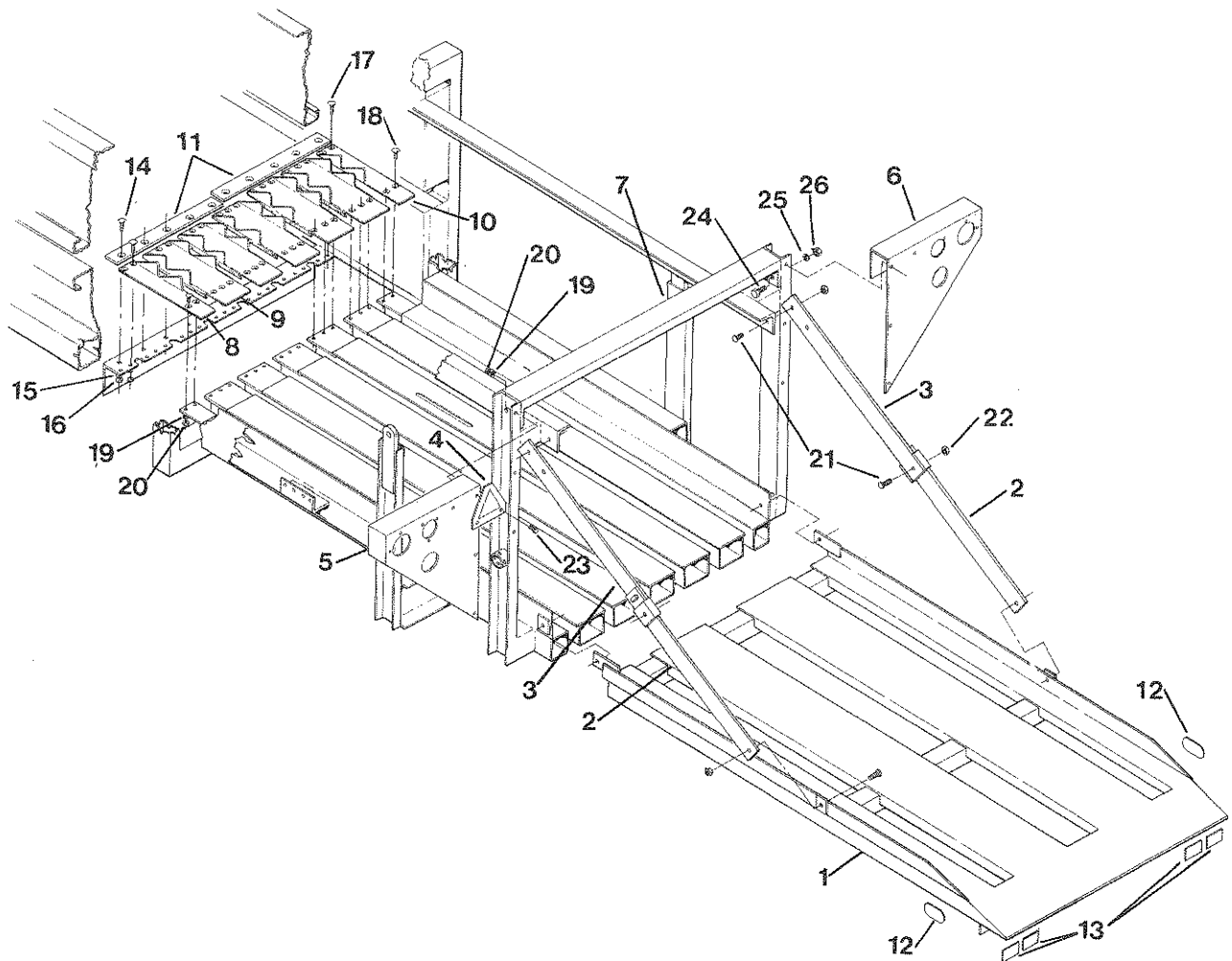
REAR FRAME (Tension Rails)



REAR FRAME (Tension Rails)

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	TNS1472700	L.H. Side Tension Rail Compress Beam	13	TNS0014728	Side Tension Rail (2 used)
2	TNS1472701	R.H. Side Tension Rail Compress Beam	14	NCE0000625	$\frac{5}{8}$ " NC ESNA Nut (14 used)
3	CYL0003516	$3\frac{1}{2}$ " $\times$ 16 Cylinder (2 used)	15	TNS0017305	Side Tension Rail Pivot Bolt (8 used)
4	CYL0000408	4" $\times$ 8" Cylinder (2 used)	16	CLV0005035	Clevis Pin (7 used)
5	TNS0014721	Top Tension Rail Beam	17	COT0000503	$\frac{1}{8}$ " $\times$ $1\frac{1}{4}$ " Cotter Pin (7 used)
6	SCC0050003	$\frac{1}{2}$ " $\times$ $1\frac{1}{4}$ " NC Cap Screw (13 used)	18	SPG0017307	Hay Dog Spring (7 used)
7	WLK0000500	$\frac{1}{2}$ " Lockwasher (13 used)	19	WCT0000500	$\frac{1}{2}$ " Cutwasher (14 used)
8	NCH0000500	$\frac{1}{2}$ " NC Cap Screw (13 used)	20	DOG0014820	Chamber Dog (7 used)
9	SMF0001003	$\frac{1}{4}$ " $\times$ $1\frac{1}{4}$ " Flat Head Machine Screw (2 used)	21	SCC0070004	$\frac{5}{8}$ " $\times$ $1\frac{1}{2}$ " NC Cap Screw (2 used)
10	LIN0016227	Side Tension Beam Support Wear Liner	22	TNS0014717	Top Tension Rail (5 used)
11	WLK0000250	$\frac{1}{4}$ " Lockwasher (2 used)	23	SCC0070013	$\frac{5}{8}$ " $\times$ $3\frac{3}{4}$ " NC Cap Screw (4 used)
12	NCH0000250	$\frac{1}{4}$ " NC Hex Nut (2 used)	24	HYP FA35P	Clevis Pin and Cotter Pin (4 used)
			25	HYP FA4P	Clevis Pin and Cotter Pin (4 used)

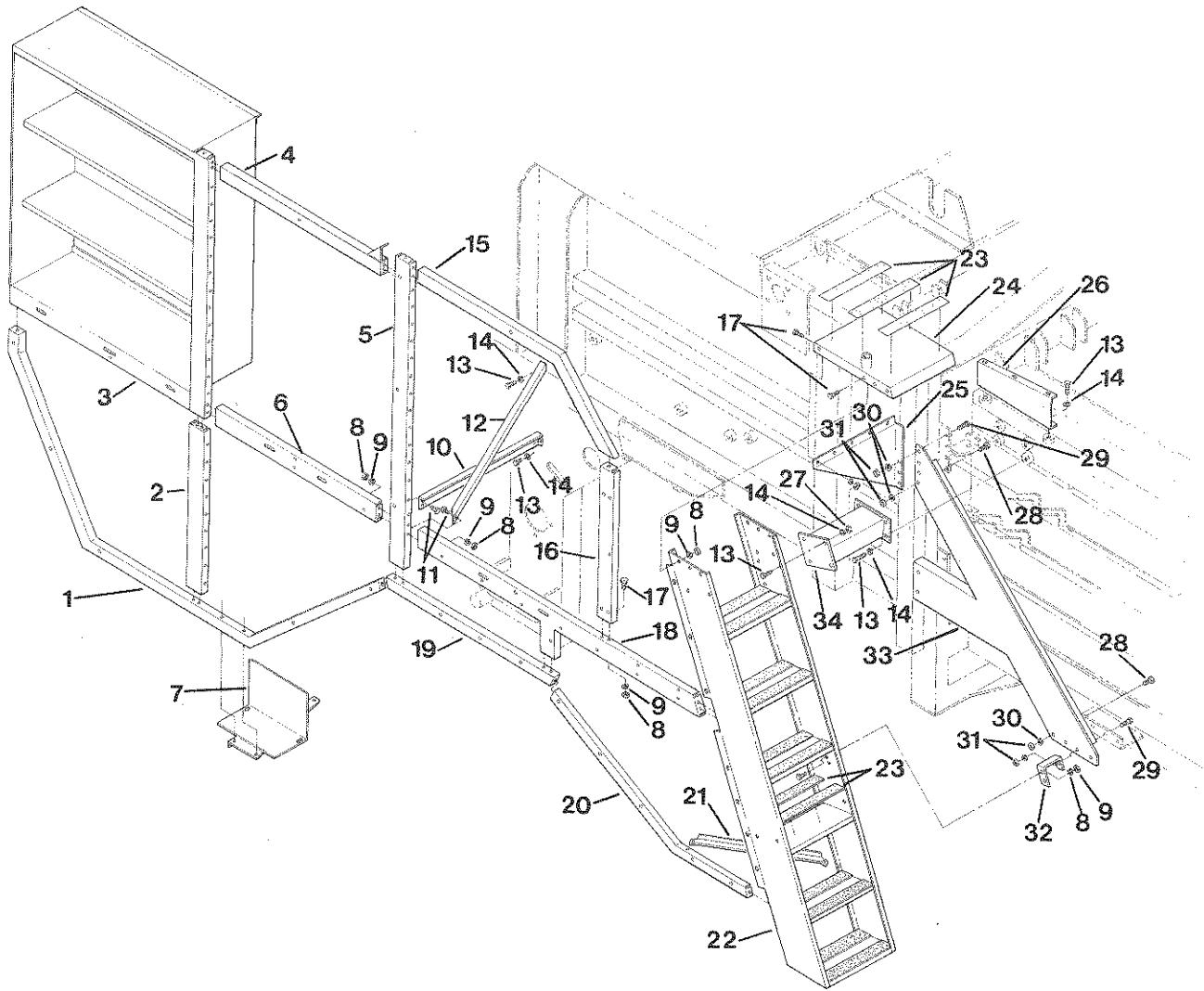
REAR FRAME (Bale Chute)



REAR FRAME (Bale Chute)

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	CHU0016113	Bale Chute	15	WLK0000500	1/2" Lockwasher (10 used)
2	ROD0016121	Lower Hanger Rod (2 used)	16	NCH0000500	1/2"-13 UNC Hex Nut (10 used)
3	ROD0016124	Upper Hanger Rod (2 used)	17	PWB3751500	3/8"-16 x 1 1/2" Plow Bolt (19 used)
4	SGN0016161	Slow Moving Vehicle Sign	18	PWB3751250	3/8"-16 x 1 1/4" Plow Bolt (19 used)
5	BKT1601600	Left Rear Light Bracket	19	WLK0000375	3/8" Lockwasher (47 used)
6	BKT1601601	Right Rear Light Bracket	20	NCH0000375	3/8"-16 UNC Hex Nut
7	YOK0017400	Rear Chamber Yoke	21	SBH0005005	1/2"-13 x 1 3/4" Button HD, Socket Screw (8 used)
8	LIN1478100	Left Chamber Liner	22	NCE0000500	1/2"-13 NC Esna Hex Nut (8 used)
9	LIN0014780	Center Chamber Liner (5 used)	23	SCC0030002	3/8"-x 1" Cap Screw (9 used)
10	LIN1478101	Right Chamber Liner	24	SCC0040003	7/16"-14 x 1 1/4" Cap Screw (4 used)
11	KNF0014787	Stationary Knife (2 used)	25	WLK0000438	7/16" Lockwasher (4 used)
12	REF0878500	Reflector (2 used)	26	NCH0000438	7/16"-14 Hex Nut (4 used)
13	REF0000031	Reflector (4 used)			
14	PWB5001750	1/2"-13 x 1 3/4" Plow Bolt (10 used)			

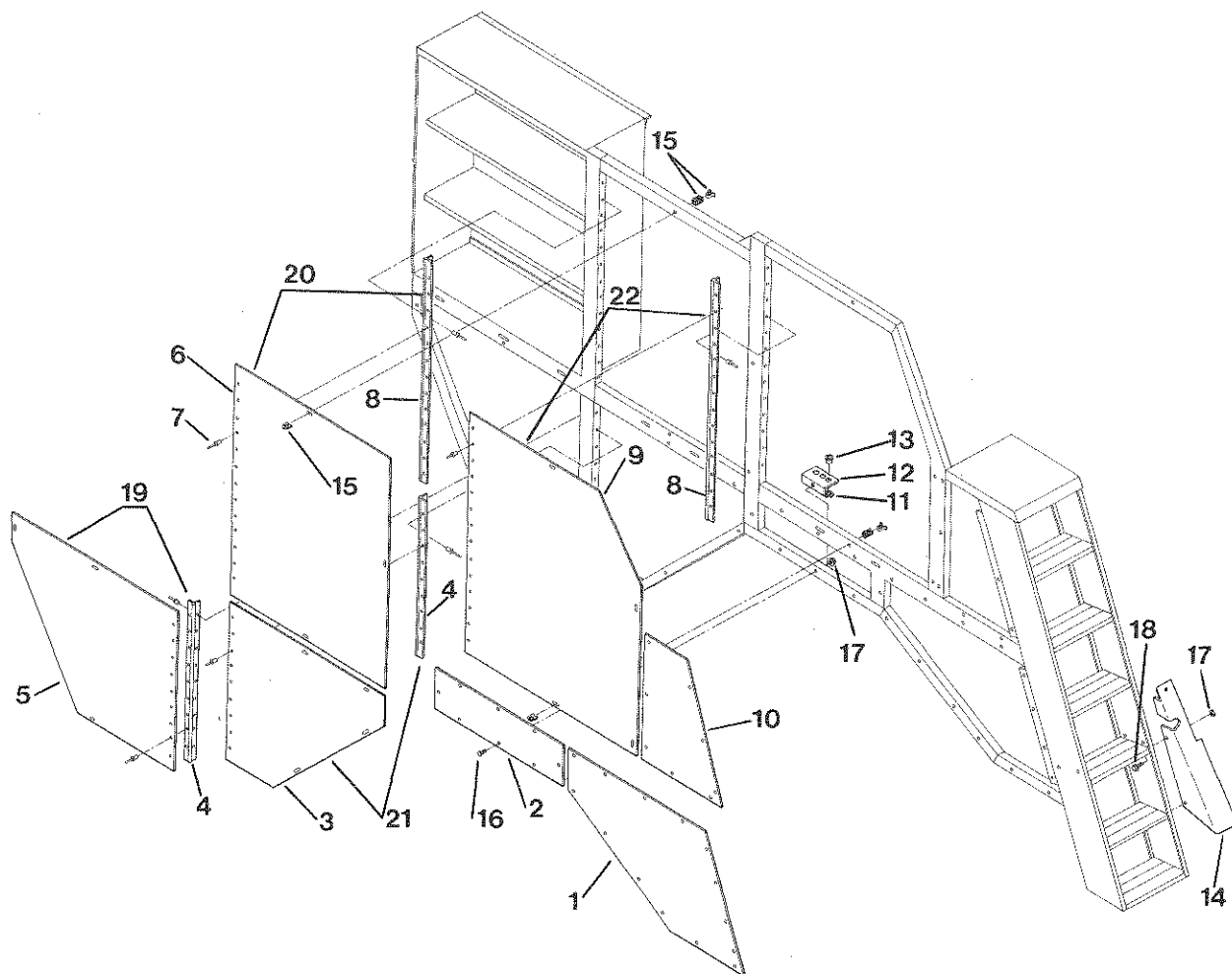
LEFT SIDE SHIELD FRAMES



LEFT SIDE SHIELD FRAMES

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	SUP1593500	L.H. Shield Support Assembly	19	SUP1590900	L.H. Shield Support Assembly
2	SUP0015872	L.H. Shield Support	20	SUP1590500	L.H. Shield Support Assembly
3	BOX0015845	L.H. Twine Box	21	BRC0016146	Left Rear Brace
4	SUP0015878	L.H. Shield Support Angle	22	LDR0015928	Service Ladder
5	SUP1588600	L.H. Shield Support Assembly	23	STP0002000	Skid Resistant Strip (15 used)
6	SUP1588300	L.H. Shield Support Assembly	24	DCK0015920	Left Rear Deck
7	MNT0015913	Battery Mount	25	MNT0015894	Rear Deck Mount
8	NCH0000313	$\frac{5}{16}$ " NC Hex Nut	26	SUP1591900	L.H. Rear Deck Support
9	WLK0000313	$\frac{5}{16}$ " Lockwasher	27	NCH0000375	$\frac{3}{8}$ " NC Hex Nut (4 used)
10	BRC1596500	L.H. Shield Support Brace	28	SCC0050003	$\frac{1}{2}$ " $\times$ $1\frac{1}{4}$ " NC Cap Screw (6 used)
11	SCC0020002	$\frac{5}{16}$ " $\times$ 1 " NC Cap Screw	29	SCC0050004	$\frac{1}{2}$ " $\times$ $1\frac{1}{2}$ " NC Cap Screw (2 used)
12	BRC1601500	L.H. Shield Support Brace	30	WLK0000500	$\frac{1}{2}$ " Lockwasher (8 used)
13	SCC0030001	$\frac{3}{8}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw (12 used)	31	NCH0000500	$\frac{1}{2}$ " NC Hex Nut (8 used)
14	WLK0000375	$\frac{3}{8}$ " Lockwasher (12 used)	32	BRC0015932	Service Ladder Brace
15	SUP1589600	L.H. Shield Support Assembly	33	SUP1483300	L.H. Needle Yoke Pivot Support
16	SUP1589900	L.H. Shield Support Assembly		SUP1483301	R.H. Needle Yoke Pivot Support
17	SCC0020001	$\frac{5}{16}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw	34	MNT0015924	Service Ladder Mount
18	SUP1590100	L.H. Shield Support Assembly			

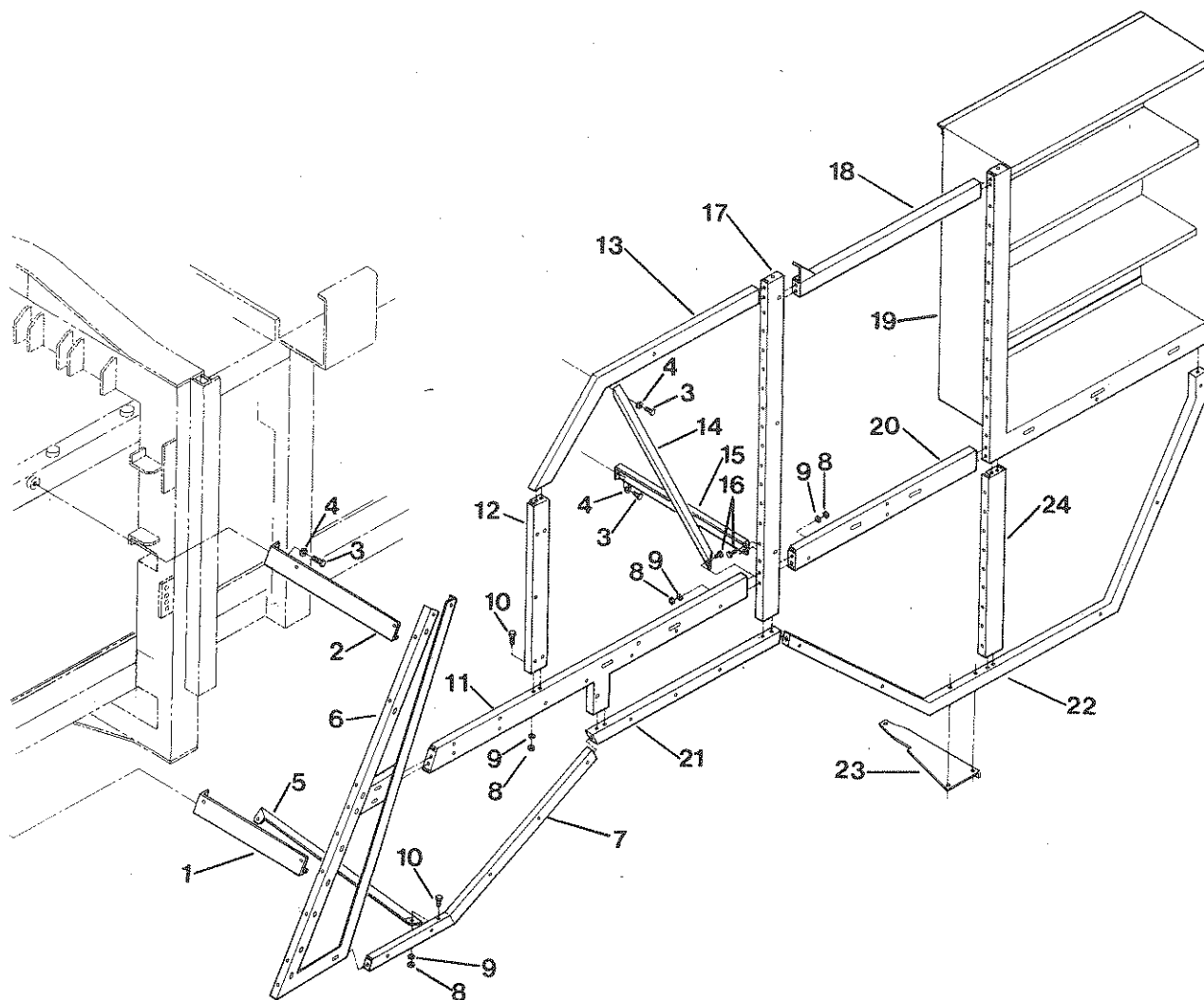
LEFT SIDE SHIELDS



LEFT SIDE SHIELDS

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	SHD0016026	Lower Left Side Shield	12	BKT0015602	Twine Guide Bracket
2	SHD0016019	Center Side Shield	13	F 0000856	Bushing Twine Guide (3 used)
3	DOR0016093	Lower Rear Door Sheet	14	GRD0016147	Left Needle Yoke Guard
4	HNG0016036	Baler Door Hinge (2 used)	15	FST0010401	Cam-Loc Fastener
5	DOR0016091	Lower Front Door Sheet	16	SMT0001003	$\frac{1}{4}$ " $\times$ $\frac{5}{8}$ " NC Thruss Head Screw
6	DOR0016096	Top Front Door Sheet	17	NMS0000250	$\frac{1}{4}$ " NC Whiz Nut
7	RIV0000604	$\frac{3}{16}$ " $\times$ $\frac{1}{4}$ " Stainless Steel Rivet	18	SCC0010001	$\frac{1}{4}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw
8	HNG0016035	Baler Door Hinge (2 used)	19	DOR1609000	Lower Front Door W/Hinge
9	DOR0016098	Top Rear Door Sheet	20	DOR1609500	Top Front Door W/Hinge
10	SHD0016020	Top Left Side Shield	21	DOR1609200	Lower Rear Door W/Hinge
11	F 0000857	Snap Ring (3 used)	22	DOR1609700	Top Rear Door W/Hinge

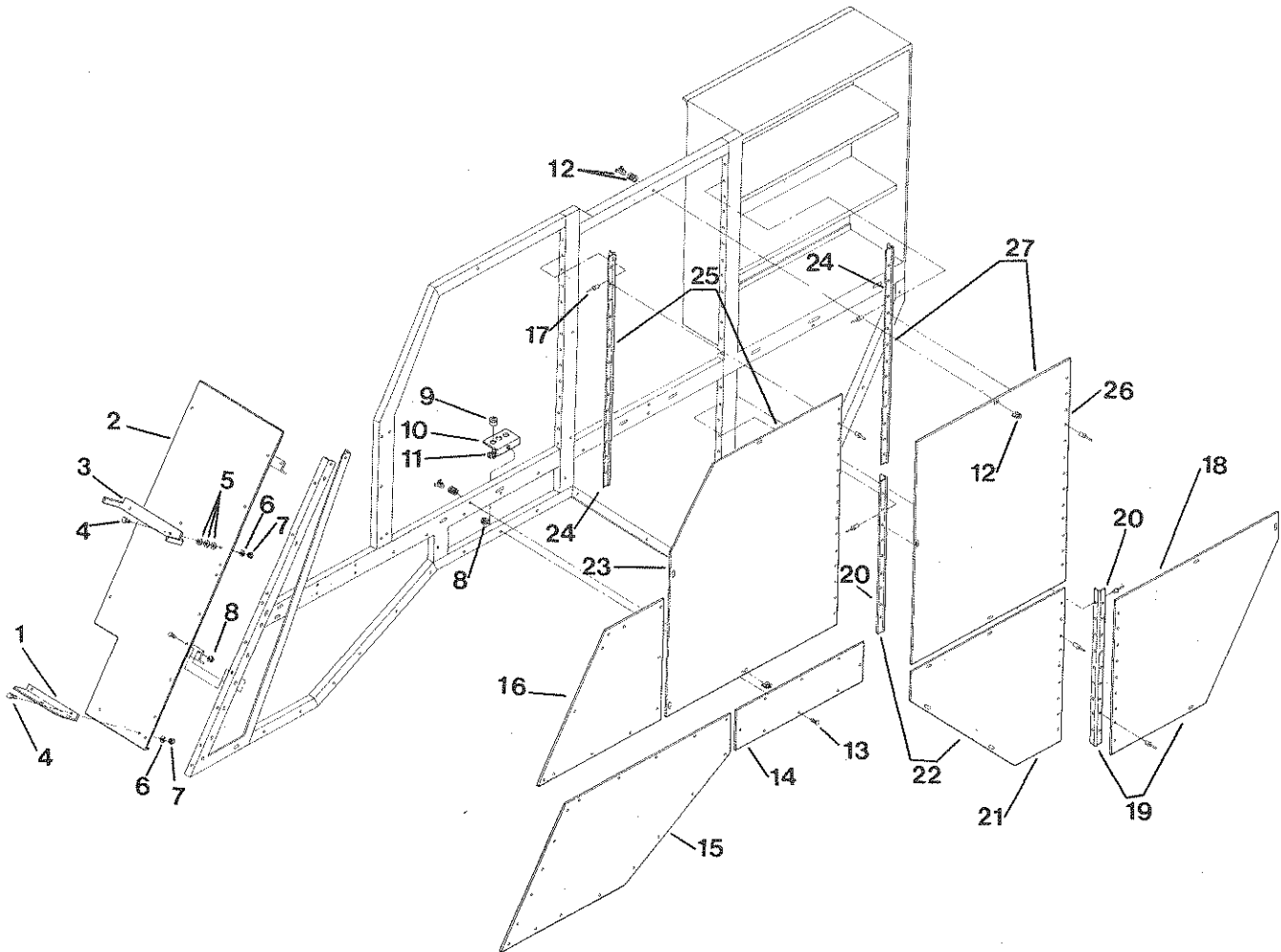
RIGHT SIDE SHIELD FRAMES



RIGHT SIDE SHIELD FRAMES

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	BRC0015980	R.H. Shield Support Brace	13	SUP1589601	R.H. Shield Support Assembly
2	BRC0015979	R.H. Shield Support Brace	14	BRC1601501	R.H. Shield Support Brace
3	SCC0030001	$\frac{3}{8}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw	15	BRC1596501	R.H. Shield Support Brace
4	WLK0000375	$\frac{3}{8}$ " Lockwasher	16	SCC0020002	$\frac{5}{16}$ " $\times$ 1" NC Cap Screw (2 used)
5	BRC0016145	Right Rear Shield Brace	17	SUP1588601	R.H. Shield Support Assembly
6	SUP0015950	Right Rear Shield Support	18	SUP1587801	R.H. Shield Support Angle
7	SUP1590501	R.H. Shield Support Assembly	19	BOX0015846	Right Twine Box
8	NCH0000313	$\frac{5}{16}$ " NC Hex Nut	20	SUP1588301	R.H. Shield Support Assembly
9	WLK0000313	$\frac{5}{16}$ " Lockwasher	21	SUP1590901	R.H. Shield Support Assembly
10	SCC0020001	$\frac{5}{16}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw	22	SUP1593501	R.H. Shield Support Assembly
11	SUP1590101	R.H. Shield Support Assembly	23	BRC0016012	Shield Support Brace
12	SUP1589901	R.H. Shield Support Assembly	24	SUP0015872	Shield Support

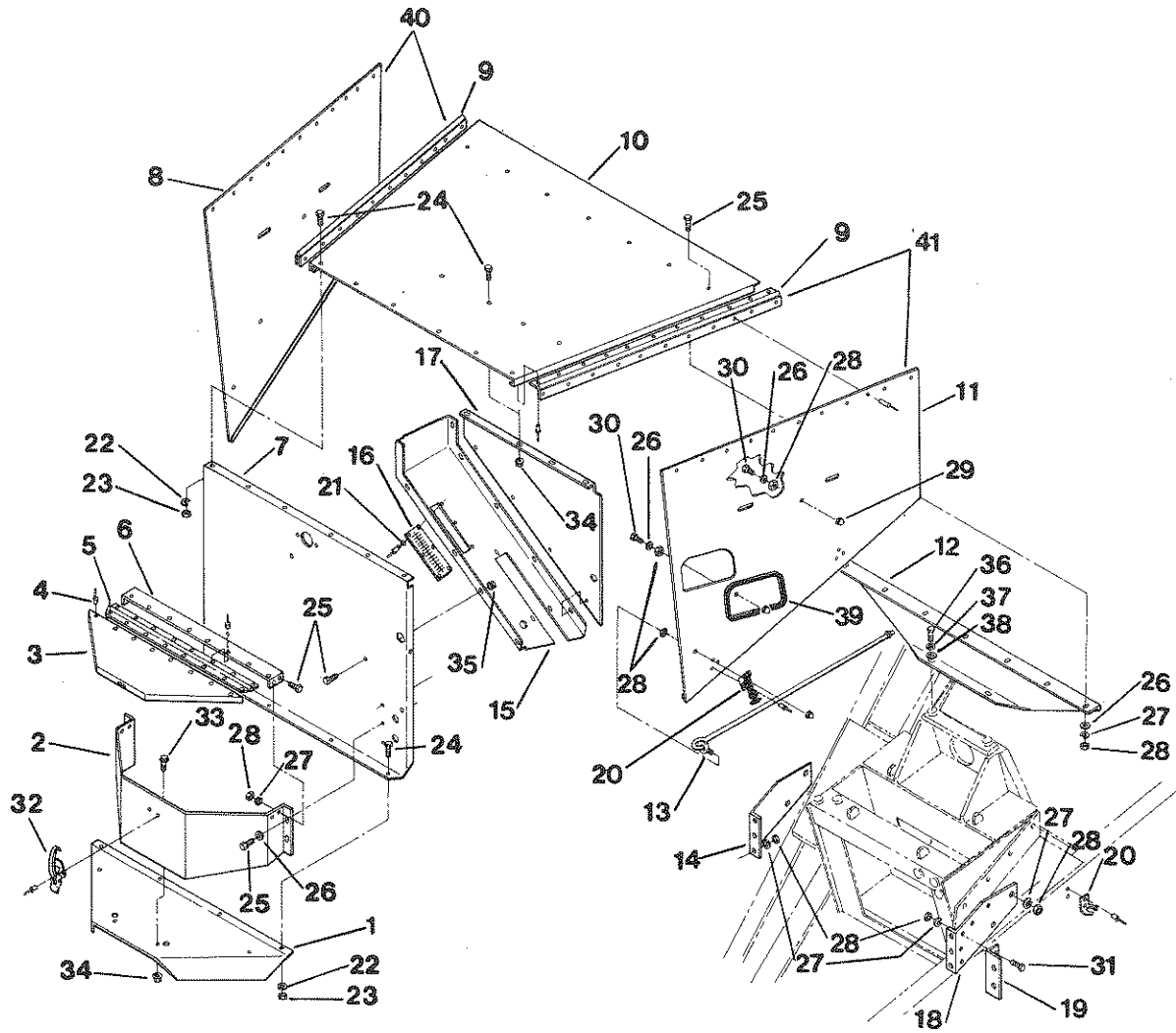
RIGHT SIDE SHIELDS



RIGHT SIDE SHIELDS

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	BKT0016157	Bottom Ladder Storage Bracket	15	SHD0016027	Lower Right Side Shield
2	SHD0016025	Right Rear Shield	16	SHD0016021	Top Right Side Shield
3	BKT0016158	Top Ladder Storage Bracket	17	RIV0000604	$\frac{3}{16}$ " $\times$ $\frac{1}{4}$ " Stainless Steel Rivet
4	SCC0010001	$\frac{1}{4}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw	18	DOR0016091	Lower Front Door Sheet
5	WCT0000250	$\frac{1}{4}$ " Cutwasher	19	DOR1609001	R.H. Lower Front Door W/Hinge
6	WLK0000250	$\frac{1}{4}$ " Lockwasher	20	HNG0016036	Baler Door Hinge (2 used)
7	NCH0000250	$\frac{1}{4}$ " NC Hex Nut	21	DOR0016093	Lower Rear Door Sheet
8	NMS0000250	$\frac{1}{4}$ " NC Whiz Nut	22	DOR1609201	R.H. Lower Rear Door W/Hinge
9	F 0000856	Bushing Twine Guide (3 used)	23	DOR0016098	Top Rear Door Sheet
10	BKT0015602	Twine Guide Bracket	24	HNG0016035	Balker Door Hinge (2 used)
11	F 0000857	Snap Ring (3 used)	25	DOR1609701	R.H. Top Rear Door W/Hinge
12	FST0010401	Cam-Loc (14 used)	26	DOR0016096	Top Front Door Sheet
13	SMT0001003	$\frac{1}{4}$ " $\times$ $\frac{5}{8}$ " NC Thruss Head Screw	27	DOR1609501	R.H. Front Door W/Hinge
14	SHD0016019	Center Side Shield			

DRIVE UNIT SHIELDS (Serial - 0014)

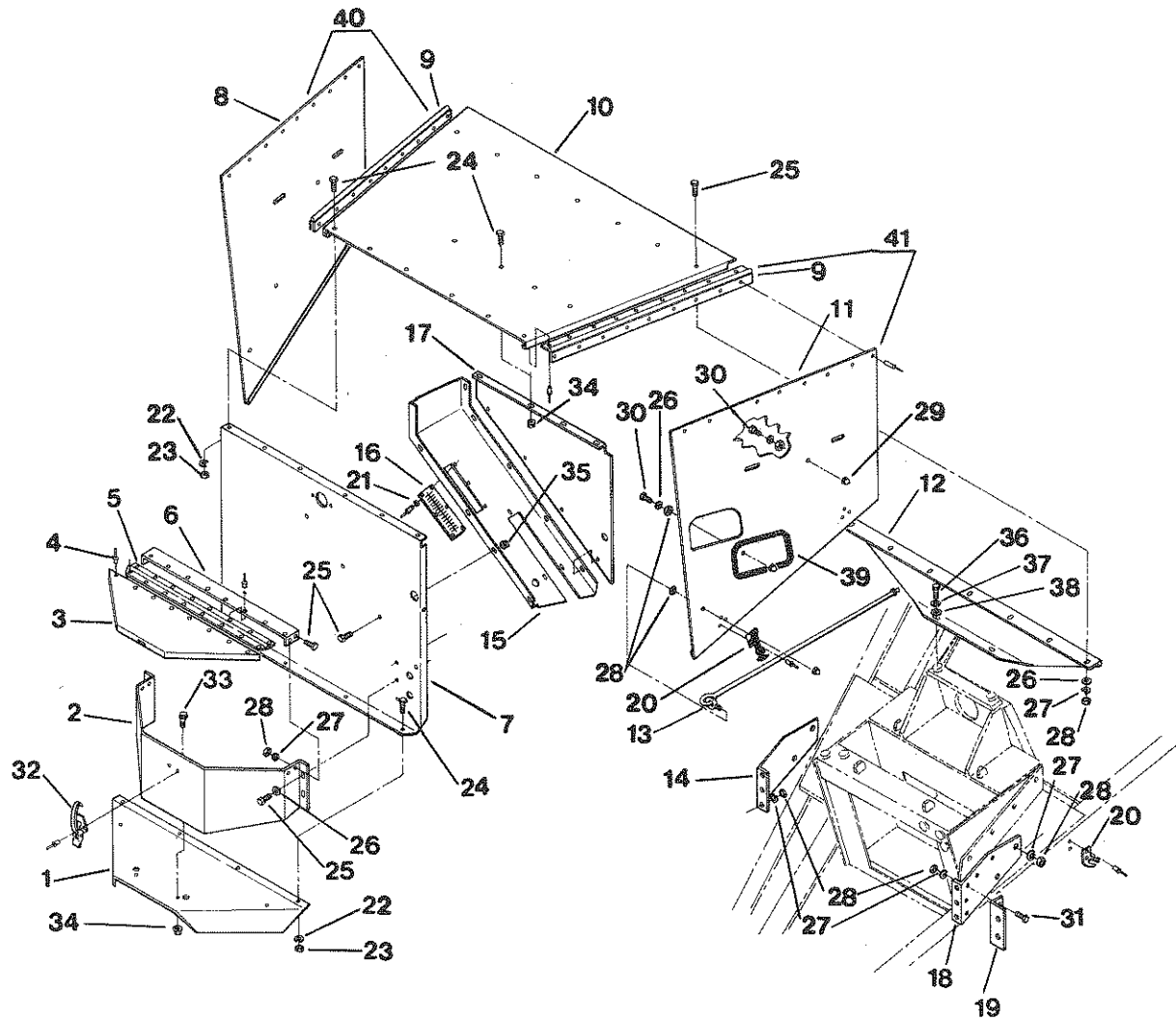


(A)

DRIVE UNIT SHIELDS (Serial - 0014)

REF. NO.	PART NO.	DESCRIPTION
1	GRD0016009	PTO Clutch Guard
2	SHD0016325	Tool Box Front
3	CVR0016825	Tool Box Cover
4	RIV0000604	3/16" x 1/4" Stainless Steel Rivet
5	HNG0016824	Tool Box Cover Hinge
6	MNT0016099	Tool Box Cover Hinge Mount
7	SHD0016008	Front Flywheel Shield
8	CVR0016085	R.H. Flywheel Side Cover
9	HNG0016087	Flywheel Cover Hinge (2 used)
10	SHD0015955	Pump Unit Shield
11	CVR0017473	Left Flywheel Cover
12	SUP0016089	Pump Unit Shield Support
13	PRP0015958	Flywheel Side Cover Prop (2 used)
14	BKT0016034	Flywheel Shield Bracket
15	SHD0017460	Bottom Alternator Shield
16	SHD0017477	Alternator Belt Shield Closure
17	SHD0017461	Rear Alternator Shield
18	BKT0016010	Flywheel Shield Bracket
19	BKT0016011	Flywheel Shield Bracket
20	LAT0000201	Rubber Draw Latch (4 used)
21	WCT0000250	1/4" Cutwasher (6 used)
22	WLK0000250	1/4" Lockwasher (10 used)
23	NCH0000250	1/4" NC Hex Nut (10 used)
24	SCC0010001	1/4" x 3/4" NC Cap Screw (14 used)
25	SCC0020001	5/16" x 3/4" NC Cap Screw (18 used)
26	WCT0000313	5/16" Cutwasher (17 used)
27	WLK0000313	5/16" Lockwasher (22 used)
28	NCH0000313	5/16" NC Hex Nut (25 used)
29	NCA0003125	5/16" NC Acorn Nut (6 used)
30	SCC0020004	5/16" x 1 1/2" NC Cap Screw (4 used)
31	SCC0020002	5/16" x 1" NC Cap Screw (2 used)
32	CLP0000130	Hook Type Fastener
33	SMS0000206	1/4" x 3/4" NC Whiz Bolt (4 used)
34	NMS0000251	1/4" NC Whiz Nut (8 used)
35	NMS0000253	5/16" NC Whiz Nut (5 used)
36	SCC0030001	3/8" x 3/4" NC Cap Screw (2 used)
37	WLK0000375	3/8" Lockwasher (2 used)
38	WCT0000375	3/8" Cutwasher (2 used)
39	MLD7500323	Quik-Edge Marine Plastic Trim
40	CVR0160811	Right Flywheel Cover W/CVR16085, W/HNG16087
41	CVR0160810	Left Flywheel Cover W/CVR17473, W/HNG16087

DRIVE UNIT SHIELDS (Serial + 0015)



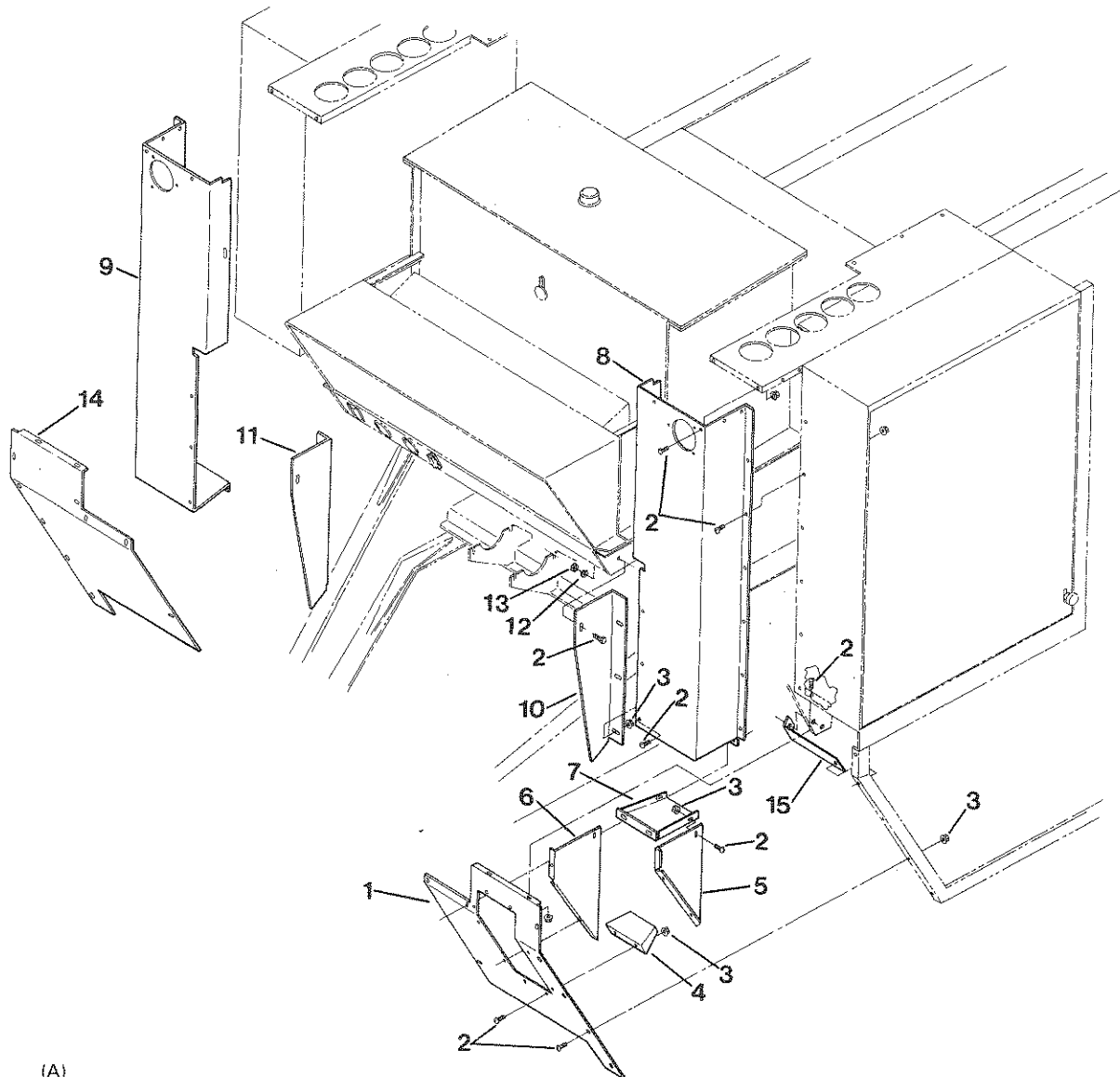
(B)

DRIVE UNIT SHIELDS (Serial +0015)

REF. NO.	PART NO.	DESCRIPTION
1	GRD0016009	PTO Clutch Guard
2	SHD0016325	Tool Box Front
3	CVR0016825	Tool Box Cover
4	RIV0000604	$\frac{3}{16}$ " $\times$ $\frac{1}{4}$ " Stainless Steel Rivet (78 used)
5	HNG0016824	Tool Box Cover Hinge
6	MNT0016099	Tool Box Hinge Mount
7	SHD0016008	Front Flywheel Shield
8	CVR0017476	R.H. Flywheel Side Cover
9	HNG0017474	Flywheel Cover Hinge (2 used)
10	SHD0017458	Pump Unit Shield
11	CVR0017472	Left Flywheel Cover
12	SUP0016089	Pump Unit Shield Support
13	PRP0015958	Flywheel Side Cover Prop (2 used)
14	BKT0016034	Flywheel Shield Bracket
15	SHD0017460	Bottom Alternator Shield
16	SHD0017477	Alternator Belt Shield Closure
17	SHD0017461	Rear Alternator Shield
18	BKT0016010	Flywheel Shield Bracket
19	BKT0016011	Flywheel Shield Bracket
20	LAT0000201	Rubber Draw Latch (4 used)
21	WCT0000250	$\frac{1}{4}$ " Cutwasher (6 used)
22	WLK0000250	$\frac{1}{4}$ " Lockwasher (10 used)
23	NCH0000250	$\frac{1}{4}$ " NC Hex Nut (10 used)
24	SCC0010001	$\frac{1}{4}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw (14 used)
25	SCC0020001	$\frac{5}{16}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw (18 used)
26	WCT0000313	$\frac{5}{16}$ " Cutwasher (17 used)
27	WLK0000313	$\frac{5}{16}$ " Lockwasher (22 used)
28	NCH0000313	$\frac{5}{16}$ " NC Hex Nut (25 used)
29	NCA0003125	$\frac{5}{16}$ " NC Acorn Nut (6 used)
30	SCC0020004	$\frac{5}{16}$ " $\times$ $1\frac{1}{2}$ " NC Cap Screw (4 used)
31	SCC0020002	$\frac{5}{16}$ " $\times$ 1" NC Cap Screw (2 used)
32	CLP0000130	Hook Type Fastener
33	SMS0000206	$\frac{1}{4}$ " $\times$ $\frac{3}{4}$ " NC Whiz Bolt (4 used)
34	NMS0000251	$\frac{1}{4}$ " NC Whiz Nut (8 used)
35	NMS0000253	$\frac{5}{16}$ " NC Whiz Nut (5 used)
36	SCC0030001	$\frac{3}{8}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw (2 used)
37	WLK0000375	$\frac{3}{8}$ " Lockwasher (2 used)
38	WCT0000375	$\frac{3}{8}$ " Cutwasher (2 used)
39	MLD7500323	Quik-Edge Marine Plastic Trim
40	CVR0017475	Right Flywheel Cover W/HNG17474, W/LAT201
41	CVR0017471	Left Flywheel Cover W/HNG17474, W/LAT201

NOTES

FRONT SHIELDS (Serial - 0014)



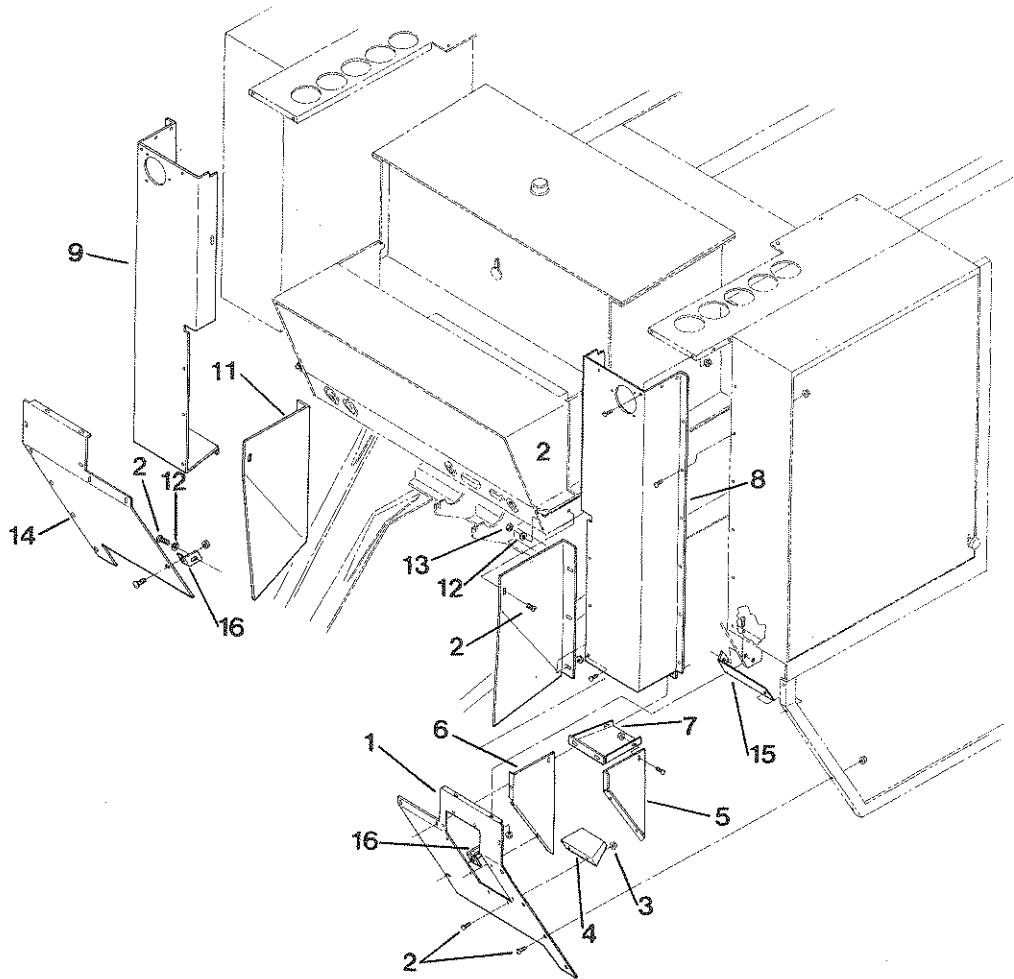
(A)

FRONT SHIELDS (Serial - 0014)

REF. NO.	PART NO.	DESCRIPTION
1	SHD0016112	Control Box Front Shield
2	SMT0001003	$\frac{1}{4}$ " $\times$ $\frac{5}{8}$ " NC Thruss Head Screw
3	NMS0000250	$\frac{1}{4}$ " NC Whiz Nut
4	SHR0015959	Control Box Bottom Shroud
5	SHR0016028	Control Box Opening Shroud
6	SHR0016013	Control Box Opening Shroud
7	SHR0016014	Control Box Top Shroud
8	SHD1669300	L.H. Front Shield
9	SHD1669310	R.H. Front Shield
10	SHD1608300	L.H. Front Transition Shield
11	SHD1608310	R.H. Front Transition Shield
12	WLK0000250	$\frac{1}{4}$ " Lockwasher (2 used)
13	NCH0000250	$\frac{1}{4}$ " NC Hex Nut (2 used)
14	SHD0016094	Lower Right Front Shield
15	BRC0016832	Fan Control Box Brace

NOTES

FRONT SHIELDS (Serial + 0015)

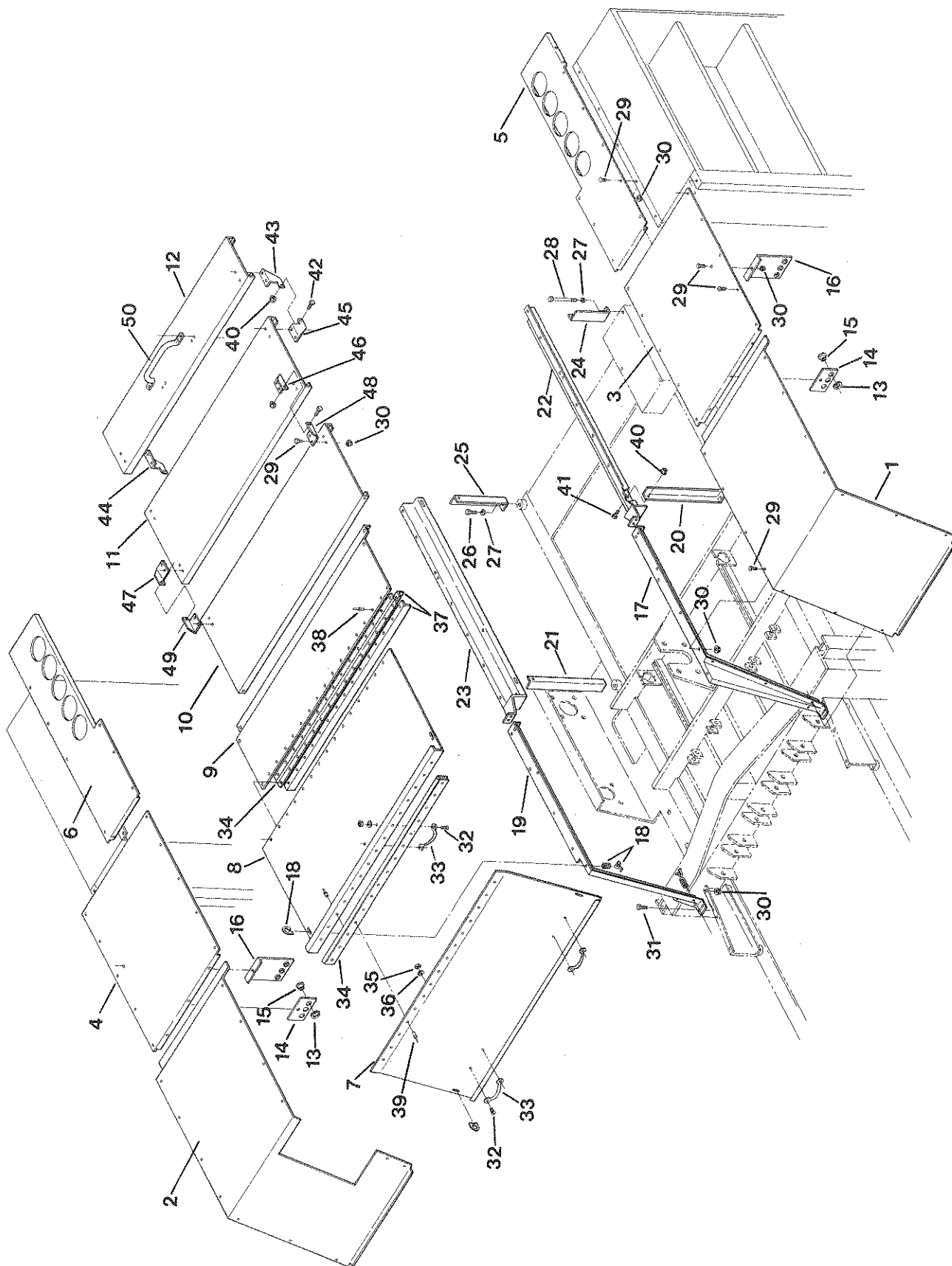


(B)

FRONT SHIELDS (Serial + 0015)

REF. NO.	PART NO.	DESCRIPTION
1	SHD0016112	Lower Left Front Shield
2	SMT0001003	$\frac{1}{4}$ " $\times$ $\frac{5}{8}$ " NC Thruss Head Screw
3	NMS0000250	$\frac{1}{4}$ " NC Whiz Nut
4	SHR0015959	Control Box Bottom Shroud
5	SHR0016028	Control Box Opening Shroud
6	SHR0016013	Control Box Opening Shroud
7	SHR0016014	Control Box Top Shroud
8	SHD1669300	L.H. Front Shield
9	SHD1669310	R.H. Front Shield
10	SHD1745700	L.H. Front Transition Shield
11	SHD1745710	R.H. Front Transition Shield
12	WLK0000250	$\frac{1}{4}$ " Lockwasher
13	NCH0000250	$\frac{1}{4}$ " NC Hex Nut
14	SHD0016094	Lower Right Front Shield
15	BRC0016832	Fan Control Box Brace
16	ANC0017771	Front Shield Anchor

TOP SHIELDS and FRAME

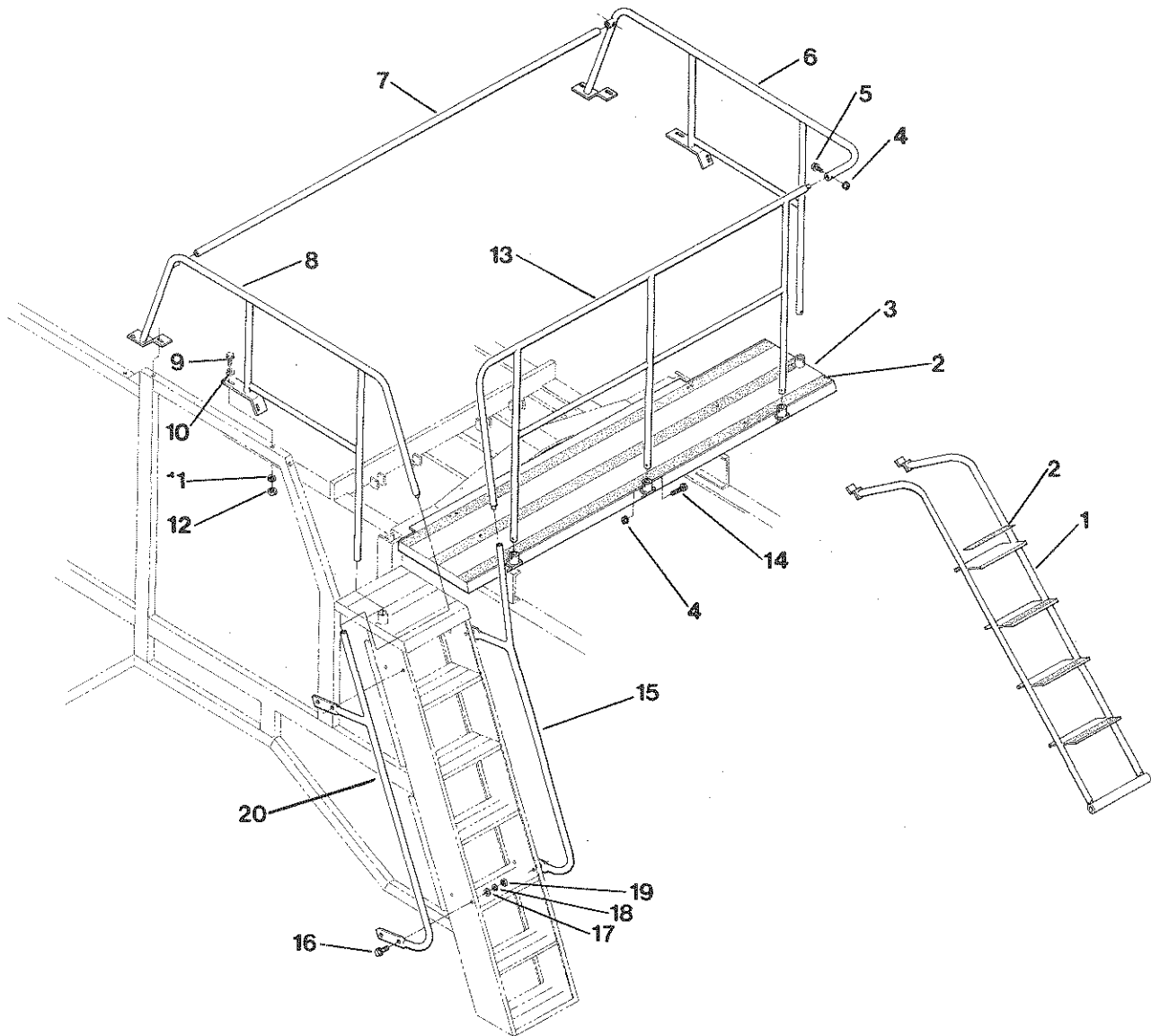


TOP SHIELDS and FRAME

REF. NO.	PART NO.	DESCRIPTION
1	CVR0016038	Top Right Rear Cover
2	CVR0016037	Top Left Rear Cover
3	CVR0159701	R.H. Center Cover Plate
4	CVR0159700	L.H. Center Cover Plate
5	CVR0159711	R.H. Front Cover Plate
6	CVR0159710	L.H. Front Cover Plate
7	CVR0016032	Rear Knotter Cover
8	CVR0016031	Center Knotter Cover
9	CVR0015998	Front Knotter Cover
10	CVR0015972	Rear Plunger Cover
11	CVR0015975	Center Plunger Cover
12	CVR0015977	Front Plunger Cover
13	F 0000857	Snap Ring (6 used)
14	BKT0016127	Twine Guide Bracket
15	F 0000856	Bushing Twine Guide (6 used)
16	BKT0016128	Twine Guide Bracket
17	SUP0015988	Top Right Rear Shield Support
18	FST0010401	Cam-Loc Fasteners
19	SUP0015987	Top Left Rear Shield Support
20	SUP0159641	R.H. Rear Shield Support Leg
21	SUP0159640	L.H. Rear Shield Support Leg
22	SUP0159671	R.H. Top Cover and Shield Support
23	SUP0159670	L.H. Top Cover and Shield Support
24	SUP0015962	Right Front Shield Support Leg
25	SUP0015963	Left Front Shield Support Leg
26	SCC0030001	$\frac{3}{8}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw (3 used)
27	WLK0000375	$\frac{3}{8}$ " Lockwasher (3 used)
28	SCC0030016	$\frac{3}{8}$ " $\times$ 5" NC Cap Screw
29	SMT0001003	$\frac{1}{4}$ " $\times$ $\frac{5}{8}$ " NC Thruss Head Screw
30	NMS0000250	$\frac{1}{4}$ " NC Whiz Bolt
31	SCC0010002	$\frac{1}{4}$ " $\times$ 1" NC Cap Screw (4 used)
32	SMS0000158	10-32 $\times$ $\frac{1}{2}$ " Screw
33	HAN0000150	Door Handle (3 used)
34	HNG0016033	Knotter Hinge Cover (2 used)
35	NFH0001032	10-32 NF Hex Nut
36	WLK0000100	10# Lockwasher
37	ANG0016100	Knotter Cover Stiffener (2 used)
38	RIV0000119	$\frac{3}{16}$ " $\times$ $\frac{1}{2}$ " Steel Rivet
39	RIV0000122	$\frac{3}{16}$ " $\times$ $\frac{1}{4}$ " Steel Rivet
40	NMS0000117	$\frac{5}{16}$ " NC Whiz Nut
41	SMS0000184	$\frac{5}{16}$ " $\times$ $\frac{3}{4}$ " NC Whiz Bolt
42	SCC0020001	$\frac{5}{16}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw (4 used)
43	HNG1598031	R.H. Plunger Cover Hinge
44	HNG1598300	L.H. Plunger Cover Hinge
45	HNG1598401	R.H. Plunger Cover Hinge
	HNG1598400	L.H. Plunger Cover Hinge
46	HNG1598501	R.H. Plunger Cover Hinge
47	HNG1598500	L.H. Plunger Cover Hinge
48	HNG1598601	R.H. Plunger Cover Hinge
49	HNG1598600	L.H. Plunger Cover Hinge
50	HAN0002399	Grab Handle

NOTES

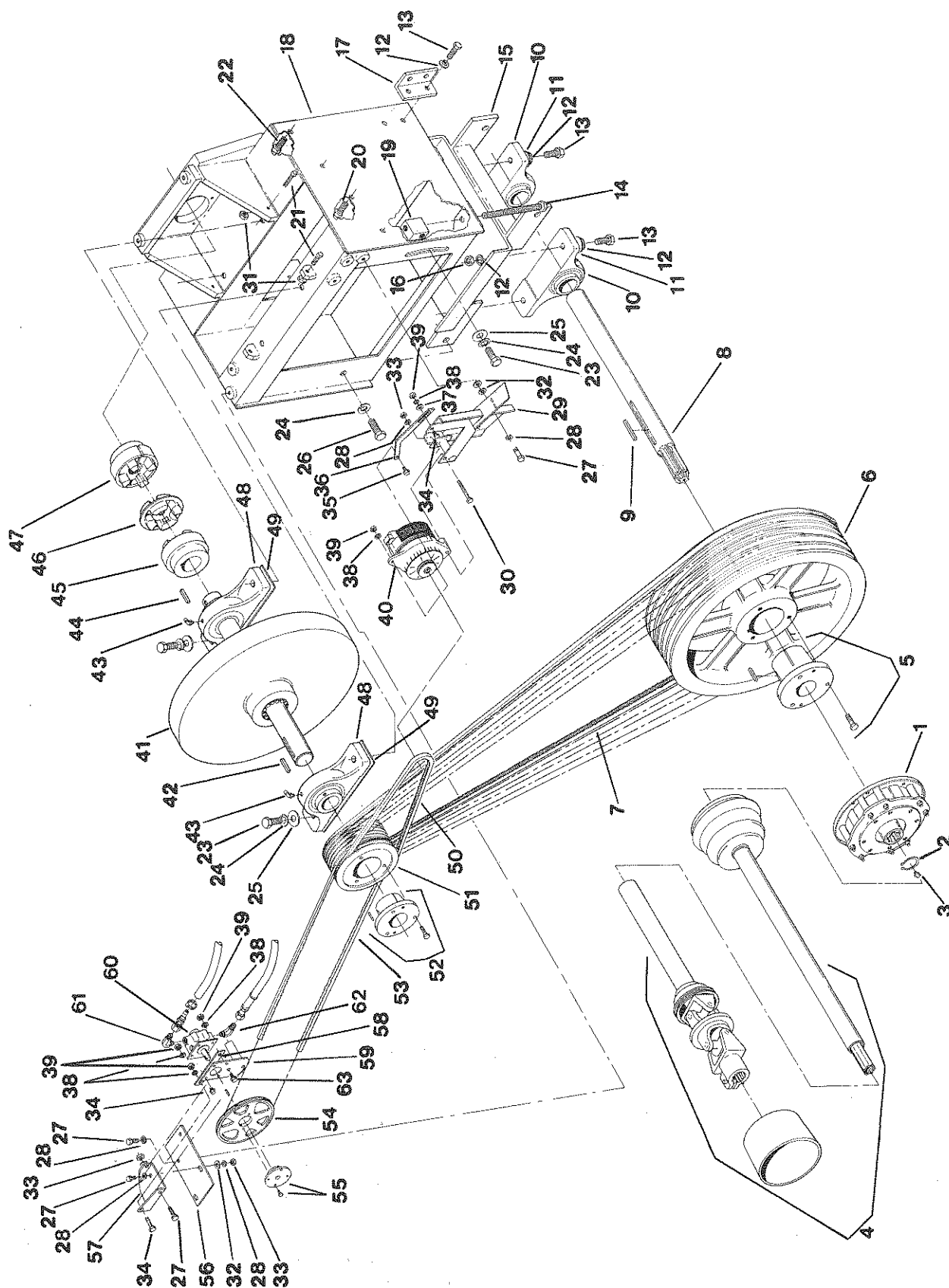
LADDER and RAILS



LADDER and RAILS

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	LDR0016139	Portable Ladder	11	WLK0000250	1/4" Lockwasher (8 used)
2	STP0002000	Step Cover Safety Walk 2"	12	NCH0000250	1/4" NC Hex Nut (8 used)
3	DCR0015922	Service Deck	13	RAL0018232	Rear Safety Rail
4	NCE0000250	1/4" NC ESNA Nut (8 used)	14	SCC0010005	1/4" x 1 3/4" NC Cap Screw (5 used)
5	SCC0010004	1/4" x 1 1/2" NC Cap Screw (3 used)	15	RAL0018228	Right Service Ladder Rail
6	RAL0018239	Right Safety Rail	16	SCC0020003	5/16" x 1 1/4" NC Cap Screw (8 used)
7	RAL0018237	Front Cross Bar	17	WCT0000313	5/16" Cutwasher (8 used)
8	RAL0018238	Left Safety Rail	18	WLK0000313	5/16" Lockwasher (8 used)
9	SCC0010002	1/4" x 1" NC Cap Screw (8 used)	19	NCH0000313	5/16" NC Hex Nut (8 used)
10	WCT0000250	1/4" Cutwasher (8 used)	20	RAL0018227	Left Service Ladder Rail

MECHANICAL DRIVE UNIT

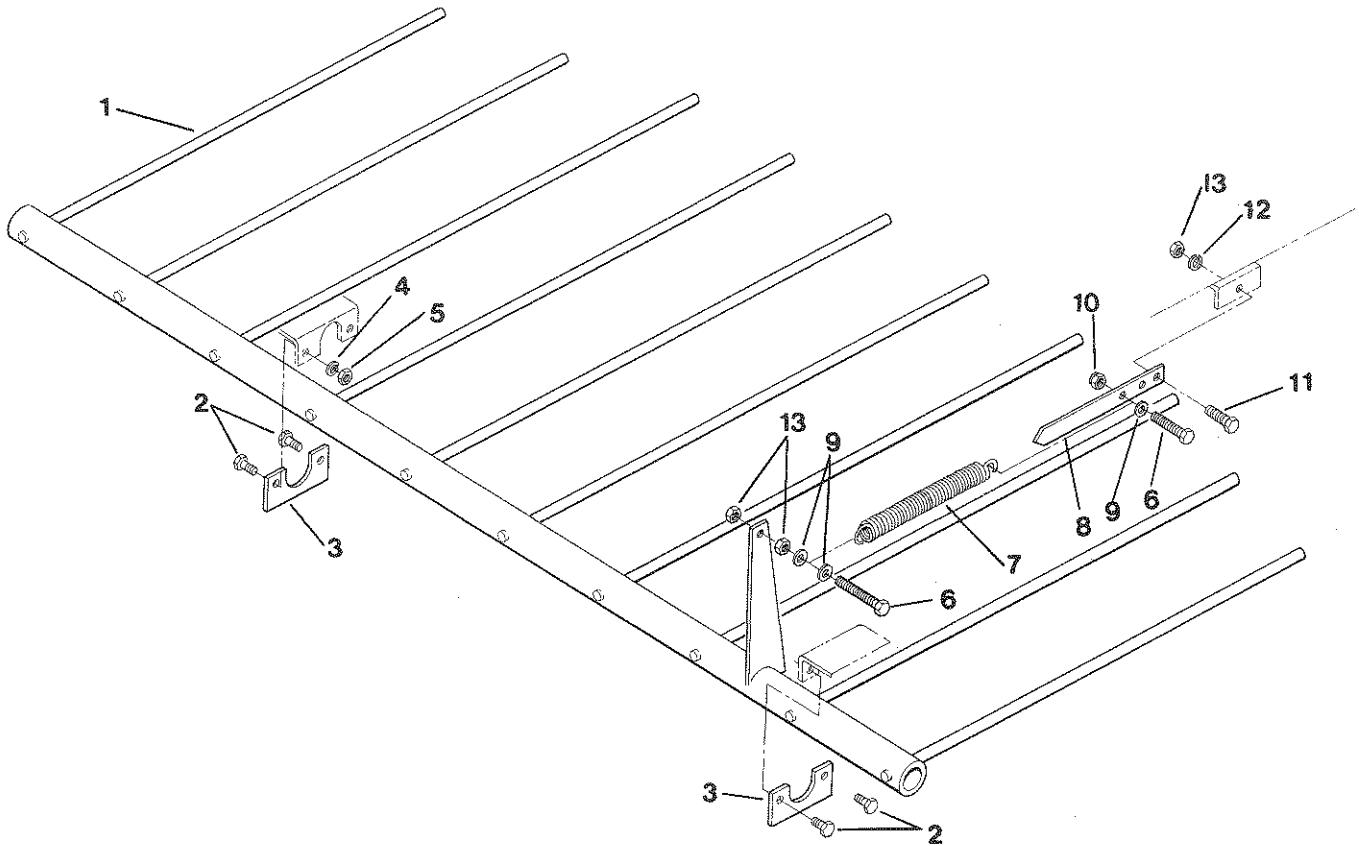


MECHANICAL DRIVE UNIT

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	CLH0383830	Friction Disk	32	WCT0000375	3/8" Cutwasher (8 used)
2	RNG5160175	Snap Ring	33	NCH0000375	3/8" NC Hex Nut (4 used)
3	ZZ 0000104	1/8" x 90° NPT Zerk Fitting	34	SCC0020002	5/16" x 1" NC Cap Screw (6 used)
4	DRV3838330	1 3/8" Drive Shaft	35	SCC0020003	5/16" x 1 1/4" NC Cap Screw
	DRV3838320	1 3/4" Drive Shaft	36	BKT0015782	Alternator Belt Tension Bracket
5	BSH0121875	2 3/16" Bushing	37	WCT0000313	5/16" Cutwasher (6 used)
6	SHV0000250	Sheave	38	WLK0000313	5/16" Lockwasher (16 used)
7	BLT0005950	5V x 95" Belt (6 used)	39	NCH0000313	5/16" NC Hex Nut (16 used)
8	SHF0015418	Primary Drive Shaft	40	ALT0010243	Alternator
9	ZZ 0000458	1/2" x 1/2" x 4 1/2" Key Stock	41	FLW0014899	Flywheel Assembly 1500
10	BRG0218750	2 3/16" Bearing (2 used)	42	ZZ 0000423	1/2" x 1/2" x 3 1/2" Key Stock
11	WCT0000625	5/8" Cutwasher (4 used)	43	ZZ 0000101	1/4"-28 x 90° Zerk Fitting (2 used)
12	WLK0000625	5/8" Lockwasher (12 used)	44	ZZ 0000459	1/2" x 1/2" x 1 3/4" Key Stock
13	SCC0070005	5/8" x 1 3/4" NC Cap Screw (8 used)	45	CPL5013819	Coupling Half
14	ROD0015498	Drive Belt Take-up Rod	46	CPL5013818	Coupler Insert
15	MNT0015499	Drive Unit Belt Take-up Mount	47	CPL5013820	Coupling Half
16	NCH0000625	5/8" NC Hex Nut (4 used)	48	BRG2187500	2 3/16" Bearing (2 used)
17	BKT0015705	Flywheel Mount Anchor Bracket (2 used)	49	SHM0015708	Bearing Shim (As needed)
				SHM0015709	Bearing Shim (As needed)
18	FRM0015480	Flywheel Mount Frame		SHM0015710	Bearing Shim (As needed)
19	BLK0015661	Belt Take-up Tighten Block	50	BLT0000038	38" Alternator Belt
20	SCC0070007	5/8" x 2 1/4" NC Cap Screw (4 used)	51	SHV0000080	Sheave
21	SQS5002500	1/2" x 2 1/2" NC Square Head Screw (4 used)	52	BSH0221875	2 3/16" Bushing
			53	BLT0000043	43" Tension Pump Belt
22	SCC0070006	5/8" x 2" NC Cap Screw (4 used)	54	SHV0000079	Sheave
23	SCC0080007	3/4" x 2 1/4" NC Cap Screw (9 used)	55	BSH0005625	9/16" Bushing
24	WLK0000750	3/4" Lockwasher (10 used)	56	PLT0015769	Tension Control Pump Support Plate
25	WCT0000750	3/4" Cutwasher (9 used)	57	BKT0015771	Tension Control Pump Mount Bracket
26	SCC0080006	3/4" x 2" NC Cap Screw	58	BKT0015770	Tension Control Pump Tension Bracket
27	SCC0030002	3/8" x 1" NC Cap Screw (5 used)	59	MNT0015766	Tension Control Pump Mount
28	WLK0000375	3/8" Lockwasher (8 used)	60	PMP0220122	Tension Control Pump
29	MNT0017411	Alternator Mount	61	HYD5405053	5/8" x 3/8" 90° Male Elbow
30	SCC0030010	3/8" x 3" NC Cap Screw	62	HYD5405040	1/2" 90° Male Elbow JIC
31	NCH0000500	1/2" NC Cap Screw (4 used)	63	SCC0020001	5/16" x 3/4" NC Cap Screw

NOTES

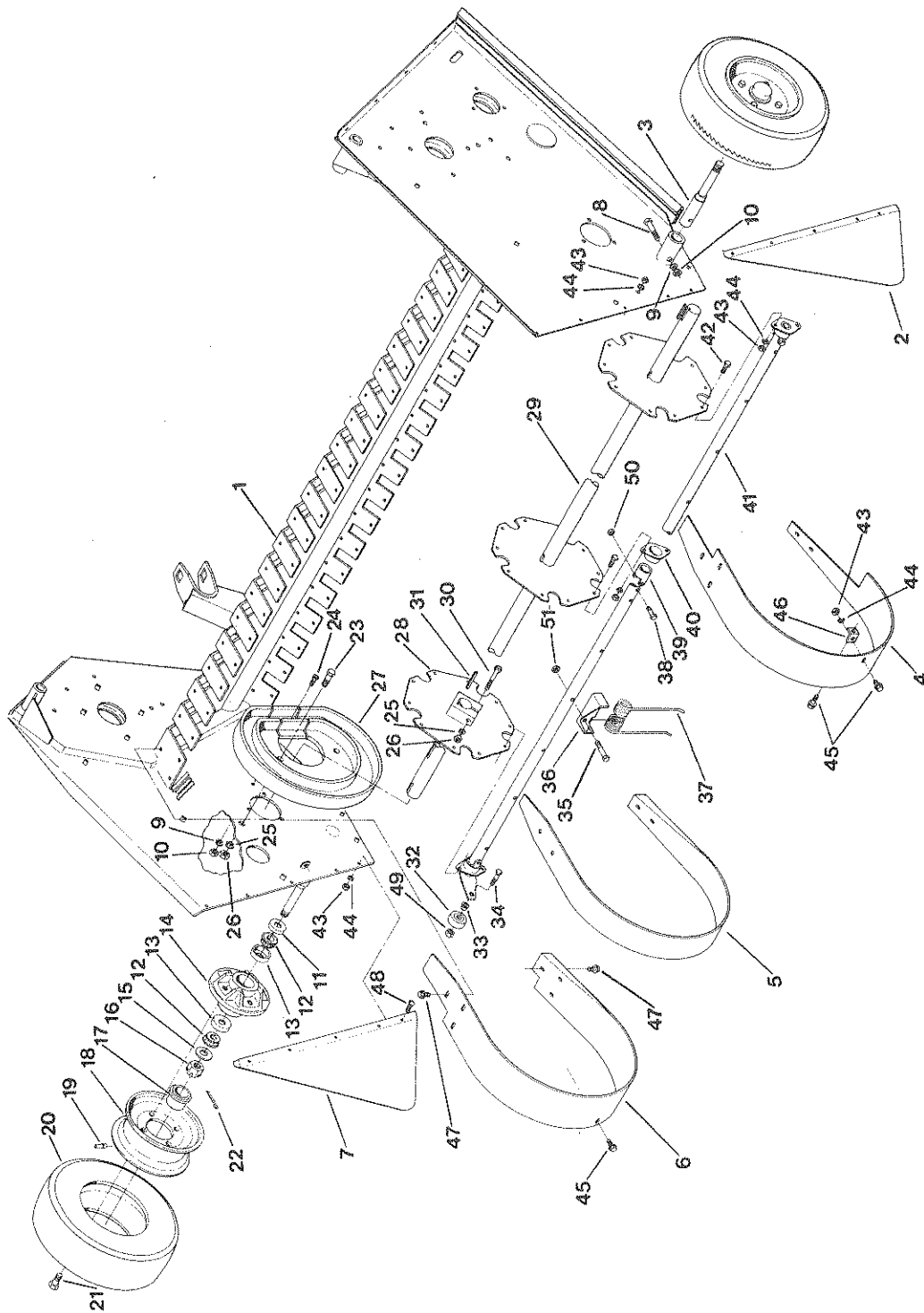
WIND GUARD



WIND GUARD

REF. NO.	PART NO.	DESCRIPTION
1	GRD0015755	Wind Guard
2	SCC0020003	$\frac{5}{16}$ " $\times$ $1\frac{1}{4}$ " NC Cap Screw (4 used)
3	MNT0015759	Wind Guard Mount (2 used)
4	WLK0000313	$\frac{5}{16}$ " Lockwasher (4 used)
5	NCH0000313	$\frac{5}{16}$ " NC Hex Nut (4 used)
6	SCC0030004	$\frac{3}{8}$ " $\times$ $1\frac{3}{4}$ " NC Cap Screw (2 used)
7	F 0001517	Wind Guard Spring
8	LNK0015541	Knotter Trip Spring Link
9	WCT0000375	$\frac{3}{8}$ " Cutwasher (3 used)
10	NCE0000375	$\frac{3}{8}$ " NC ESNA Nut
11	SCC0030002	$\frac{3}{8}$ " $\times$ 1" NC Cap Screw
12	WLK0000375	$\frac{3}{8}$ " Lockwasher
13	NCH0000375	$\frac{3}{8}$ " NC Hex Nut (3 used)

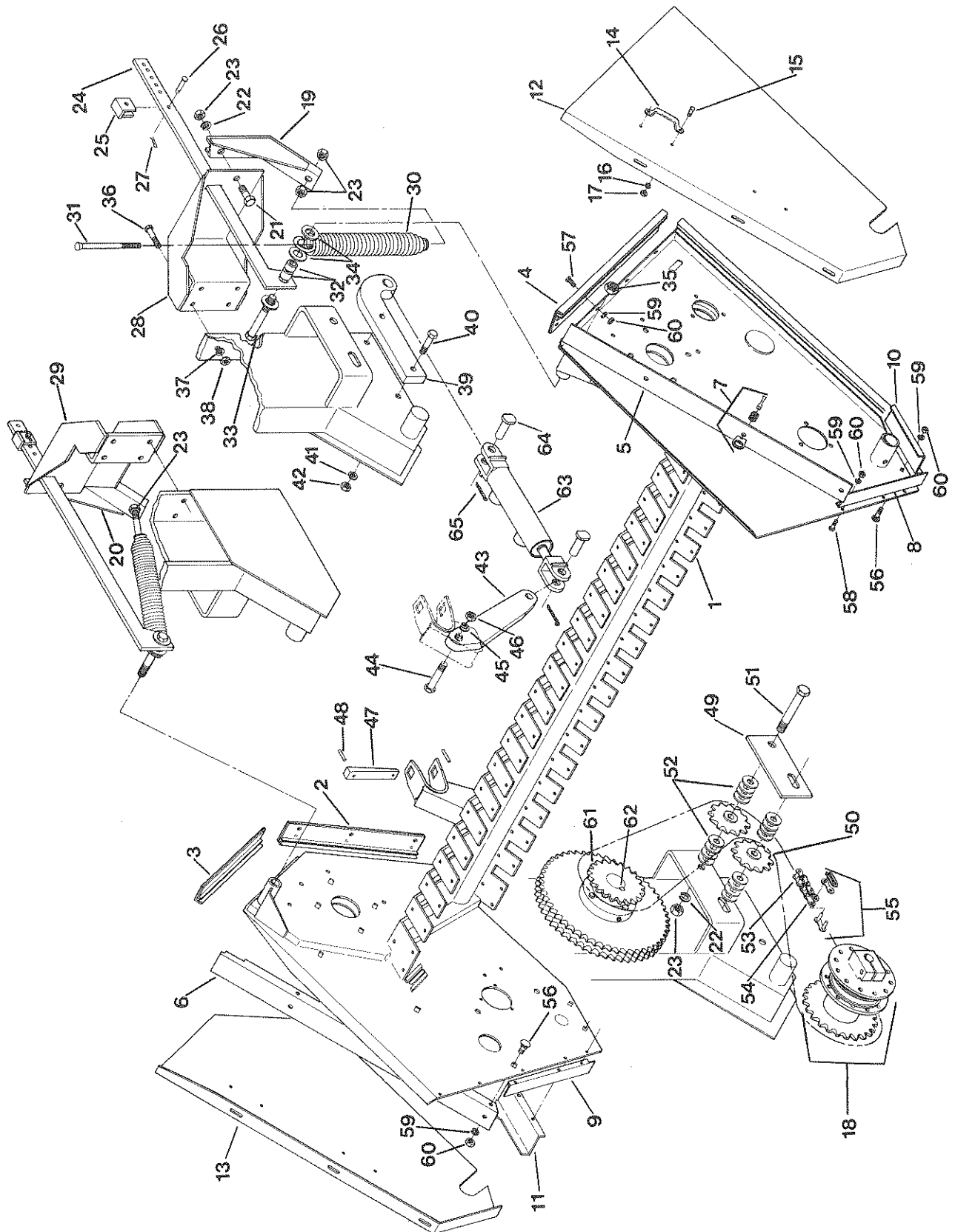
LOWER PICKUP



LOWER PICKUP

REF. NO.	PART NO.	DESCRIPTION
1	PCY0017583	Pick Up Frame
2	FEN0017320	Left Fender Flare
3	SPN0017647	Wheel Spindle (2 used)
4	PCY0017607	Left Stripper
5	PCY0017606	CenterStripper (21 used)
6	PCY0017608	Right Stripper
7	FEN0017321	Right Fender Flare
8	SCC0030007	$\frac{3}{8}$ "-16 $\times$ 2 $\frac{1}{4}$ " NC Cap Screw (2 used)
9	WLK0000375	$\frac{3}{8}$ " Lockwasher (4 used)
10	NCH0000375	$\frac{3}{8}$ " NC Hex Nut (4 used)
11	SEL0034823	Bearing Seal (2 used)
12	BRG0044643	Bearing VL 44643 (4 used)
13	CUP0044610	Bearing Cup (4 used)
14	HUB0000348	Hub Wheel (2 used)
15	ZZ 0000223	1" $\times$ 1 $\frac{1}{2}$ $\times$ 14 GA Washer (2 used)
16	NFC0001000	1" NC Castle Nut (2 used)
17	CAP0046749	Hub Cap (2 used)
18	WHL0412530	Wheel Only AA412530 (2 used)
19	19-109	Valve Stem (2 used)
20	WHL0401530	Wheel and Tire Assembly AB 0401530, Tire 4.80 $\times$ 8 (2 used)
21	SMS0005393	Wheel Bolt (8 used)
22	COT0000502	$\frac{1}{8}$ " $\times$ 1" Cotter Pin (2 used)
23	SCC0050003	$\frac{1}{2}$ "-13 $\times$ $\frac{1}{4}$ " NC Cap Screw (2 used)
24	SCO0000303	$\frac{3}{8}$ "-16 $\times$ 1 $\frac{1}{4}$ " NC Flat Socket Screw (2 used)
25	WLK0000500	$\frac{1}{2}$ " Lockwasher (5 used)
26	NCH0000500	$\frac{1}{2}$ "-13 NC Hex Nut (5 used)
27	CAM0017414	Pick Up Reel Cam
28	PCY0017501	Reel Plate (3 used)
29	SHF0017650	Pick Up Reel Shaft
30	SCC0050011	$\frac{1}{2}$ "-13 $\times$ 3 $\frac{1}{4}$ " NC Cap Screw (3 used)
31	ZZ 0000412	$\frac{3}{8}$ " $\times$ $\frac{3}{8}$ " $\times$ 2" Key (3 used)
32	BRG0002029	Cam Follower Bearing (5 used)
33	BSH0006231	Cam Follower Bushing (5 used)
34	SCC0050004	$\frac{1}{2}$ "-13 $\times$ 1 $\frac{1}{2}$ " NC Cap Screw (5 used)
35	SFC0030006	$\frac{3}{8}$ "-24 $\times$ 2" NF Cap Screw (55 used)
36	MNT0013456	Pick Up Tooth Mount (55 used)
37	PCY0013464	Pick Up Tooth Mount (55 used)
38	SCC0010006	$\frac{1}{4}$ "-20 $\times$ 2" NC Cap Screw (15 used)
39	BRG0017508	Tooth Bar Bearing (15 used)
40	HSN0017505	Tooth Bar Bearing Housing (15 used)
41	PCY0017643	Tooth Bar Assembly (5 used)
42	SCC0020001	$\frac{5}{16}$ "-18 $\times$ $\frac{3}{4}$ " NC Cap Screw (30 used)
43	NCH0000313	$\frac{5}{16}$ "-18 NC Hex Nut (44 used)
44	WLK0000313	$\frac{5}{16}$ " Lockwasher (44 used)
45	SMS0000183	$\frac{5}{16}$ " $\times$ $\frac{3}{4}$ " NC Whiz Bolt
46	PCY0017634	Stripper Mount Angle
47	SMS0000198	$\frac{5}{16}$ " $\times$ $\frac{1}{2}$ " NC Whiz Bolt (96 used)
48	SMT0002001	$\frac{5}{16}$ " $\times$ $\frac{3}{4}$ " NC Thruss Head Screw (10 used)
49	NCJ0000500	$\frac{1}{2}$ "-13 Hex Jam Nut (5 used)
50	NCE0000250	$\frac{1}{4}$ "-20 ESNA Hex Nut (15 used)
51	NFX0000375	$\frac{3}{8}$ " 24 NF Flex-Loc Hex Nut (55 used)

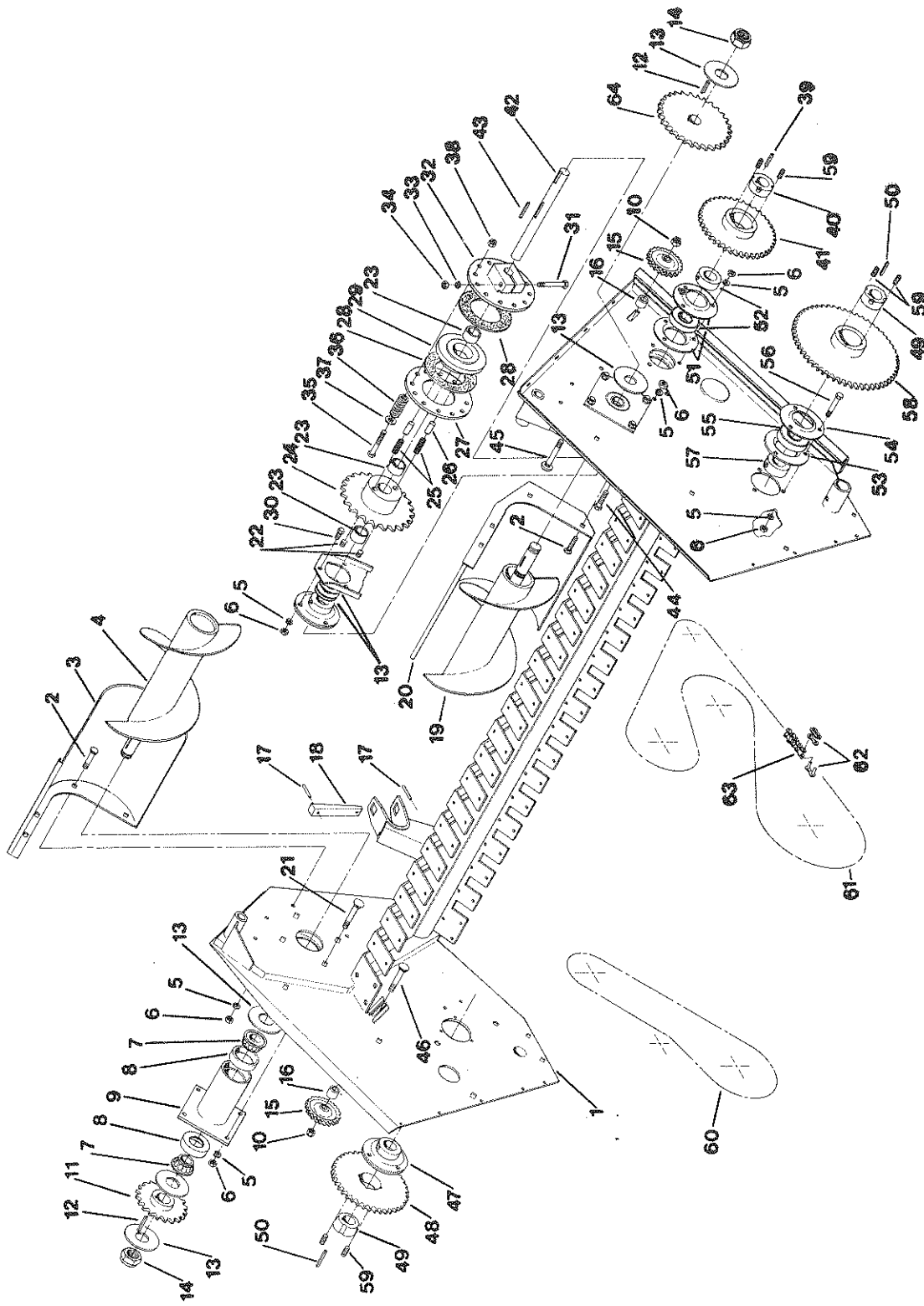
UPPER PICKUP



UPPER PICKUP

REF. NO.	PART NO.	DESCRIPTION
1	PCY0017583	Pickup Frame
2	GUD0018010	Shield Guide
3	GUD0018011	Shield Guide
4	GUD0018012	Shield Guide
5	SUP1763300	Left Shield Support
6	SUP1763301	Right Shield Support
7	FST0010401	Cam-Loc Fastener (6 used)
8	SHD1763500	Left Shield Support
9	SHD1763501	Right Shield Support
10	SHD1763600	Left Shield Backing
11	SHD1763601	Right Shield Backing
12	SHD0017637	Left Shield
13	SHD0017638	Right Shield
14	HAN0000150	Handle (4 used)
15	SMF1032500	10-32 x 1/2" Flat Head Screw (8 used)
16	WLK0000100	#10 Lockwasher (8 used)
17	NFH0001032	10-32 Hex Nut (8 used)
18	CLH0001500	Clutch (See Page 24)
19	BKT1616200	Left Spring Bracket
20	BKT1616201	Right Spring Bracket
21	SCC0070003	5/8"-11 x 1 1/4" Cap Screw (2 used)
22	WLK0000625	5/8" Lockwasher (4 used)
23	NCH0000625	5/8"-11 Hex Nut (8 used)
24	ARM0015685	Pickup Lift Arm (2 used)
25	BKT0015687	Stop Bracket (2 used)
26	PIN3751250	Clevis Pin (2 used)
27	COT0021070	Hair Pin Cotter (2 used)
28	BKT1515800	Spring Anchor Mount Bracket
29	BKT1515801	Spring Anchor Mount Bracket
30	SPG0017662	Pickup Lift Spring (2 used)
31	ANC0016029	Lift Spring Bolt (2 used)
32	SPC0016659	Spring Anchor Spacer (4 used)
33	SCC0070018	5/8"-11 x 6" Cap Screw (2 used)
34	WCT0001000	1" Cutwasher (6 used)
35	NCE0000625	5/8"-11 ESNA Hex Nut (2 used)
36	SCC0030003	3/8"-16 x 1 1/4" Cap Screw (8 used)
37	WLK0000375	3/8" Lockwasher (8 used)
38	NCH0000375	3/8"-16 Hex Nut (8 used)
39	MNT0014915	Lift Cylinder Mount
40	SCC0050006	1/2"-13 x 2" Cap Screw (2 used)
41	WLK0000500	1/2" Lockwasher (2 used)
42	NCH0000500	1/2"-13 Hex Nut (2 used)
43	ARM0017952	Pickup Lift Arm
44	SCC0080012	3/4"-10 x 3 1/2" Cap Screw
45	WLK0000750	3/4" Lockwasher
46	NCH0000750	3/4"-10 Hex Nut
47	PIN0015507	Pivot Pin (2 used)
48	ZZ 0000705	1/4" x 2" Roll Pin (4 used)
49	SUP0015163	Idler Bolt Support
50	SPK0115365	Idler Sprocket (2 used)
51	SCC0070010	5/8"-11 x 3" Cap Screw (2 used)
52	WCT0000625	5/8" Cutwasher (16 used)
53	CHN0006085	#60 Roller Chain x 85 Pitch
54	F 0000759	#60 Offset Link
55	F 0000760	#60 Connecting Link
56	CRB3130750	5/16"-18 x 3/4" Carriage Bolt (10 used)
57	SCC0020001	5/16" x 3/4" Cap Screw (9 used)
58	SMT0002001	5/16" x 3/4" Truss Head Screw (6 used)
59	WLK0000313	5/16" Lockwasher (25 used)
60	NCH0000313	5/16"-18 Hex Nut (25 used)
61	SPK0602202	60B 22 Sprocket
62	ZZ 0000414	1/2" x 1/2" x 1 1/4" Key
63	CYL0000205	Lift Cylinder
64	HYP FA2P	Clevis Pin
65	COT0000805	3/16" x 2" Cotter Pin

MAIN PICKUP

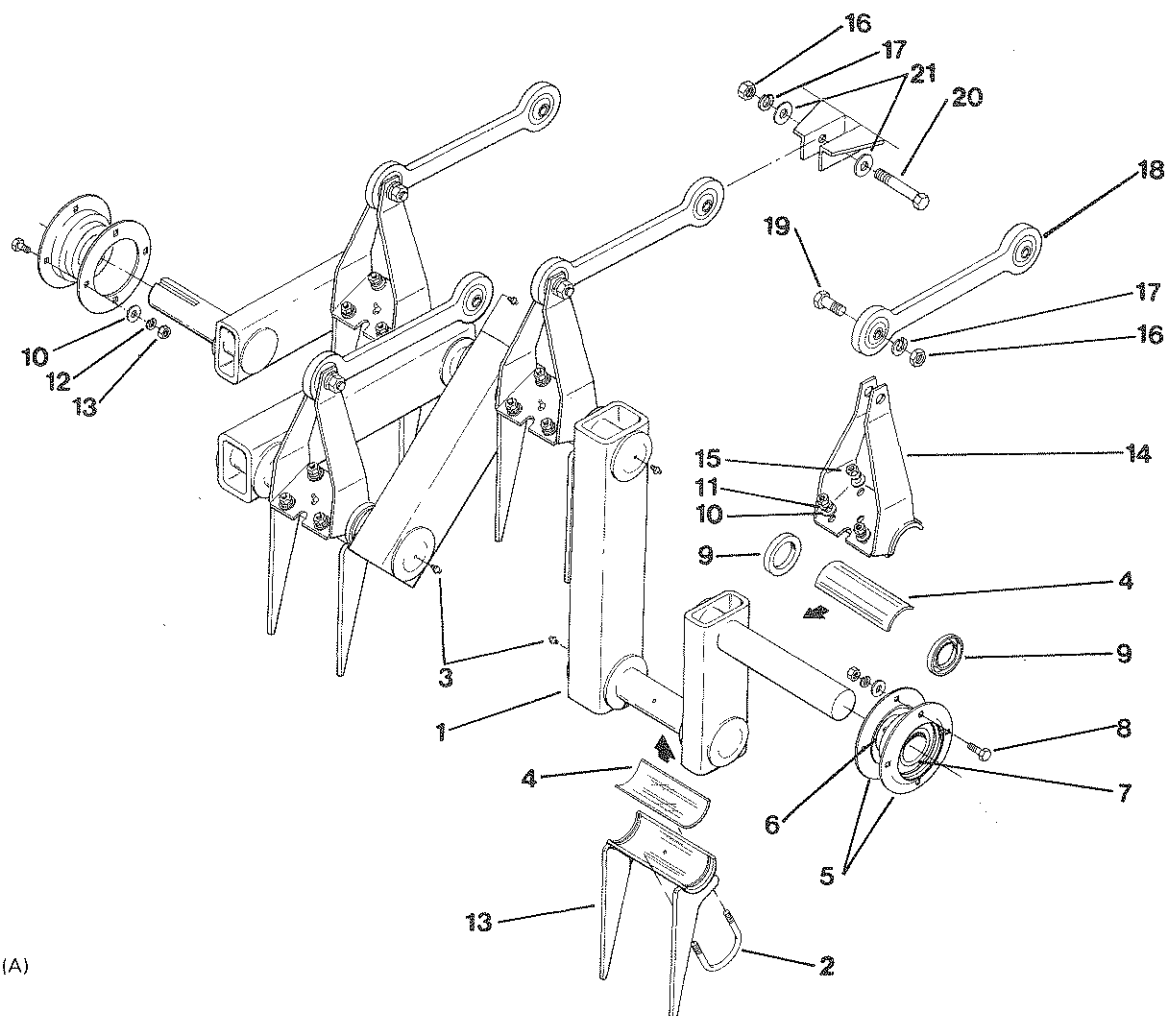


MAIN PICKUP

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	PCY0017583	Pickup Frame	34	NCH0000500	1/2"-13 NC Hex Nut
2	CRB3752000	3/8"-16 x 2" NC Carriage Bolt (8 used)	35	SCC0030011	3/8"-16 x 3 1/4" NC Cap Screw (4 used)
3	AUG0176221	Right Auger trough	36	F 0001797	Clutch Spring (4 used)
4	AUG0017653	Right Auger	37	WCT0000375	3/8" Cutwasher (4 used)
5	WLK0000375	3/8" Lockwasher (23 used)	38	NCE0000375	3/8"-16 NC ESNA Hex Nut (4 used)
6	NCH0000375	3/8" NC Hex Nut (23 used)	39	ZZ 0000445	1/4" x 1/4" x 1 1/4" Key Stock
7	BRG0067000	Bearing LM 67000 LA 90035 (4 used)	40	BSH1252012	1 1/4" Bore Bushing
8	BRC0067010	Bearing Cup LM 67010 (4 used)	41	SPK0005041	Sprocket 50 BTL 41
9	HNS0017659	Auger Bearing Housing (2 used)	42	SHF0017651	Drive Shaft
10	NCJ0000500	1/2"-13 NC ESNA Hex Nut (2 used)	43	ZZ 0000454	1/4" x 1/4" x 2" Key Stock
11	SPK0005023	Sprocket 50 BS 35	44	SCC0030006	3/8"-13 x 2" NC Cap Screw (3 used)
12	ZZ 0000450	1/4" x 1/4" x 1 1/8" Key Stock (2 used)	45	CRB5003750	1/2" x 3 3/4" NC Carriage Bolt
13	WAS0015783	1 1/4" ID x 1 7/8" OD x 10 GA Washer (6 used)	46	CRB5003000	1/2" x 3" NC Carriage Bolt
14	F 0008080	1 1/4"-12 UNF ESNA Jam Nut (2 used)	47	F 0008102	Bearing Pickup Shaft (2 used)
15	F 0007397	Idler Sprocket (2 used)	48	SPK0000536	Sprocket 50 BTL 36
16	SPC0017669	Idler Sprocket Spacer (2 used)	49	BSH0001021	1 3/8" x 2012 Bore Bushing
17	ZZ 0000705	1/4" x 2" Roll Pin (4 used)	50	ZZ 0000400	5/16" x 5/16" 1 1/8" Key Stock (2 used)
18	PIN0015507	Pickup Pivot Pin (2 used)	51	BRG0000063	Bearing Flange (4 used)
19	AUG0017652	Left Auger	52	BRG0000103	Bearing GRA 103 RRB2 (2 used)
20	AUG0176220	Left Auger Trough	53	F 0008383	Flangette (2 used)
21	CRB3752000	3/8" x 2" NC Carriage Bolt (8 used)	54	F 0008382	Flangette W/Zerk (2 used)
22	PPE0021375	3/8" Steel Hex Plug (2 used)	55	F 0008380	Bearing (2 used)
23	BRG0020016	DX Bearing 020 DXR 016 (3 used)	56	CRB3751000	3/8" x 1" NC Carriage Bolt (6 used)
24	SPK0017769	Sprocket W/Bushing	57	F 0008381	Locking Collar (2 used)
25	F 0001790	Clutch Spring (2 used)	58	SPK0000554	Sprocket 50 BTL 54
26	F 0001791	Clutch Pin (2 used)	59	SCO0000402	7/16" x 3/4" NC Flat Head Socket Screw (6 used)
27	CLH0017849	Clutch Plate	60	CHN0005087	R.H. Drive Chain
28	F 0001793	Friction Disc (2 used)		F 0000123	#50 Offset Link
29	CLH0017767	Drive Clutch W/Bushing		F 0000025	#50 Connecting Link
30	SCC0030002	3/8"-16 x 1" NC Cap Screw (3 used)	61	CHN0050177	L.H. Drive Chain
31	SCC0050011	1/2"-13 x 3 1/4" NC Cap Screw	62	F 0000025	#50 Connecting Link
32	CLH0017773	Torque Limiter	63	F 0000123	#50 Offset Link
33	WLK0000500	1/2" Lockwasher	64	SPK0005035	Sprocket 50 BTL 35

NOTES

FIRST FEEDER (Serial - 0014)



FIRST FEEDER (Serial - 0014)

REF. NO.	PART NO.	DESCRIPTION
1	HES6561450	First Feeder Crank Shaft
2	HES6525612	U-Bolt (4 used)
3	ZZ 0000116	1/4"-28 Straight Grease Fitting (8 used)
4	BRG0017348	Bearing Shell (8 used)
	SHM0017349	Bearing Housing Shims (Not Shown)
5	BRG0002001	100 MS Flangette (4 used)
6	BRG0002002	S1200K Lockcollar (2 used)
7	BRG0002000	Bearing RA-2 (RA200 DPB) (2 used)
8	SFC0050004	1/2"-13 x 1 1/2" NF Cap Screw (8 used)
9	SEL8406225	Grease Seal (8 used)
10	WCT0000500	1/2" Cutwasher (8 used)
11	WLK0000500	1/2" Lockwasher (24 used)
12	NFH0000500	1/2" NF Hex Nut (8 used)
13	HES6567440	Finger (4 used)
14	HES6561401	Feed Arm (4 used)
15	NCH0000500	1/2" NC Hex Nut (8 used)
16	NCH0000625	5/8" NC Hex Nut (8 used)
17	WLK0000625	5/8" Lockwasher (8 used)
18	LNK0015960	Feeder Tine Link W/Bearing (4 used)
19	SCC0070010	5/8" x 3" NC Cap Screw (4 used)
20	SCC0070007	5/8" x 2 1/4" NC Cap Screw (4 used)
21	WCT0000625	5/8" Cutwasher (8 used)

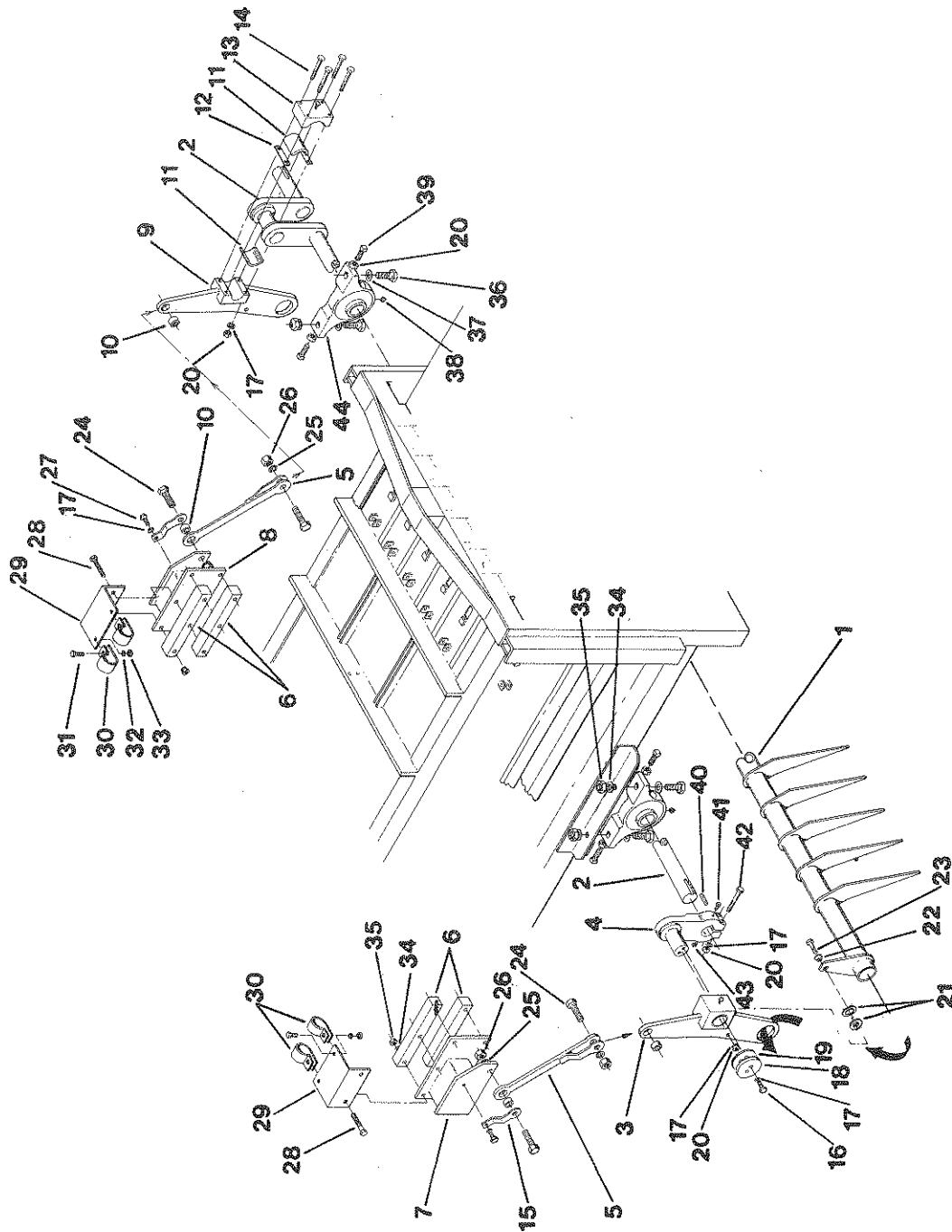
NOTES

This exploded view diagram illustrates the assembly of a mechanical component, likely a bracket or a small machine part. The main body is labeled 1. It features a central shaft assembly consisting of a shaft (6) with a pulley (8) at one end and a coupling or pulley (9) at the other. The pulley (8) is secured with a nut (10) and a lock washer (11). A bracket (15) is attached to the side of the main body (1) via a pin (13) and a bush (14). The bracket (15) has a curved arm (17) at its end. Various other components are shown, including a U-bolts (2) with washers (3), a spring (4), a pin (5), a bush (6), a pin (7), a pin (12), a pin (16), a pin (18), a pin (19), a pin (20), a pin (21), a pin (22), a pin (23), and a pin (24). The diagram uses dashed lines to indicate the assembly path and alignment of the parts.

FIRST FEEDER (Serial + 0015)

28B

FEED FORK

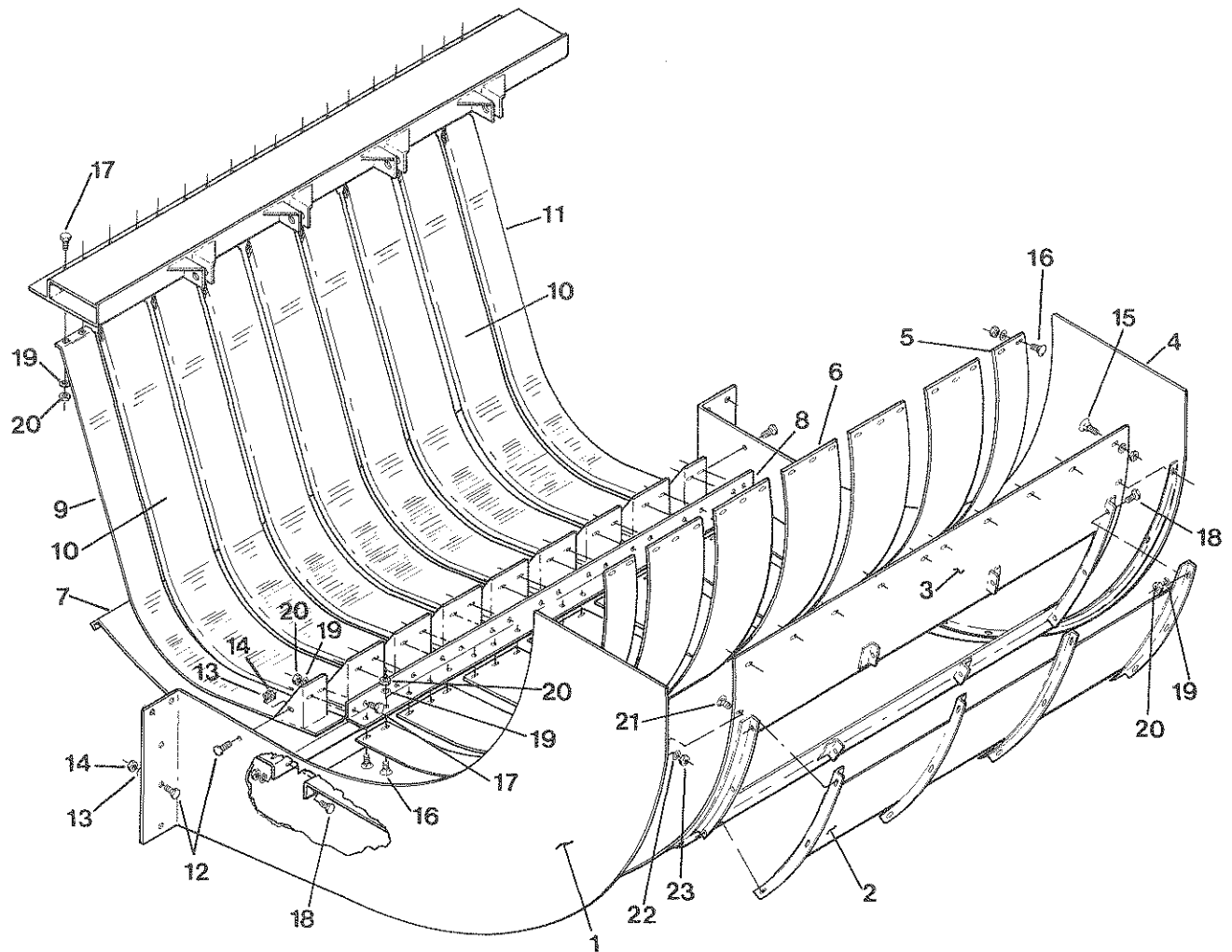


FEED FORK

REF. NO.	PART NO.	DESCRIPTION
1	FRK0014917	Feed Fork
2	SHF0014870	Feed Fork Shaft
3	ARM0014885	Left Feed Fork Arm
4	ARM0016576	Crank Arm Assembly
5	LNK0015620	Feed Arm Link (2 used)
6	SPC0015409	Link Mount Spacer (4 used)
7	MNT0015404	L.H. Link Mount
8	MNT0015403	R.H. Link Mount
9	ARM0014884	Arm Complete
	ARM0014883	Arm (only)
10	BRG0001016	Bearing Torrington
11	BSH0014894	R.H. Bearing Section (2 used)
12	RET0014893	Retainer Feed Fork Bearing (2 used)
13	HSN0014888	Fork Right Bearing Housing
14	SCC0050016	1/2" x 5" NC Cap Screw (4 used)
15	CLV0015410	Link Bolt Clevis (2 used)
16	SCC0050004	1/2" x 1 1/2" NC Cap Screw
17	WLK0000500	1/2" Lockwasher (11 used)
18	CAP0014877	Crank Cap Plate
19	SHM0172811	2 1/2" x .015 Cap Plate Shim
	SHM0172812	2 1/2" x .030 Cap Plate Shim
	SHM0172813	2 1/2" x .060 Cap Plate Shim
		(As needed)
20	NCH0000500	1/2" NC Hex Nut (11 used)
21	WCT0000500	1/2" Cutwasher (2 used)
22	BSH0018178	Tine Anchor Bushing
23	SCC0050008	1/2" x 2 1/2" NC Cap Screw
24	SFC0010013	1" x 3 1/4" NF Cap Screw (2 used)
25	WLK0001000	1" Lockwasher
26	NFH0001000	1" NF Hex Nut (2 used)
27	SCC0050002	1/2" x 1" NC Cap Screw (2 used)
28	SCC0080013	3/4" x 3 3/4" NC Cap Screw (12 used)
29	MNT0015941	Makeup Cylinder Hose Mount (2 used)
30	CLP7701165	1 1/2" Clamp Vinyl Coated (4 used)
31	SCC0020001	5/16" x 3/4" NC Cap Screw (4 used)
32	WLK0000313	5/16" Lockwasher (4 used)
33	NCH0000313	5/16" NC Hex Nut (4 used)
34	WLK0000750	3/4" Lockwasher (4 used)
35	NCH0000750	3/4" NC Hex Nut (4 used)
36	WCT0000750	3/4" Cutwasher (4 used)
37	SCC0080010	3/4" x 3 NC Cap Screw (4 used)
38	ZZ 0000100	1/4"-28 Zerk Fitting (2 used)
39	SQS5002500	1/2" x 2 1/2" Square Head Screw
		(4 used)
40	ZZ 0000456	5/8" x 5/8" 2 1/2" Key Stock
41	SQS5001250	1/2" x 1 1/2" Square Head Screw
42	SCC0050014	1/4" x 4" NC Cap Screw
43	SQS5002000	1/4" x 2" Square Head Screw
44	BRG0268250	2 1/16" Bearing (2 used)

NOTES

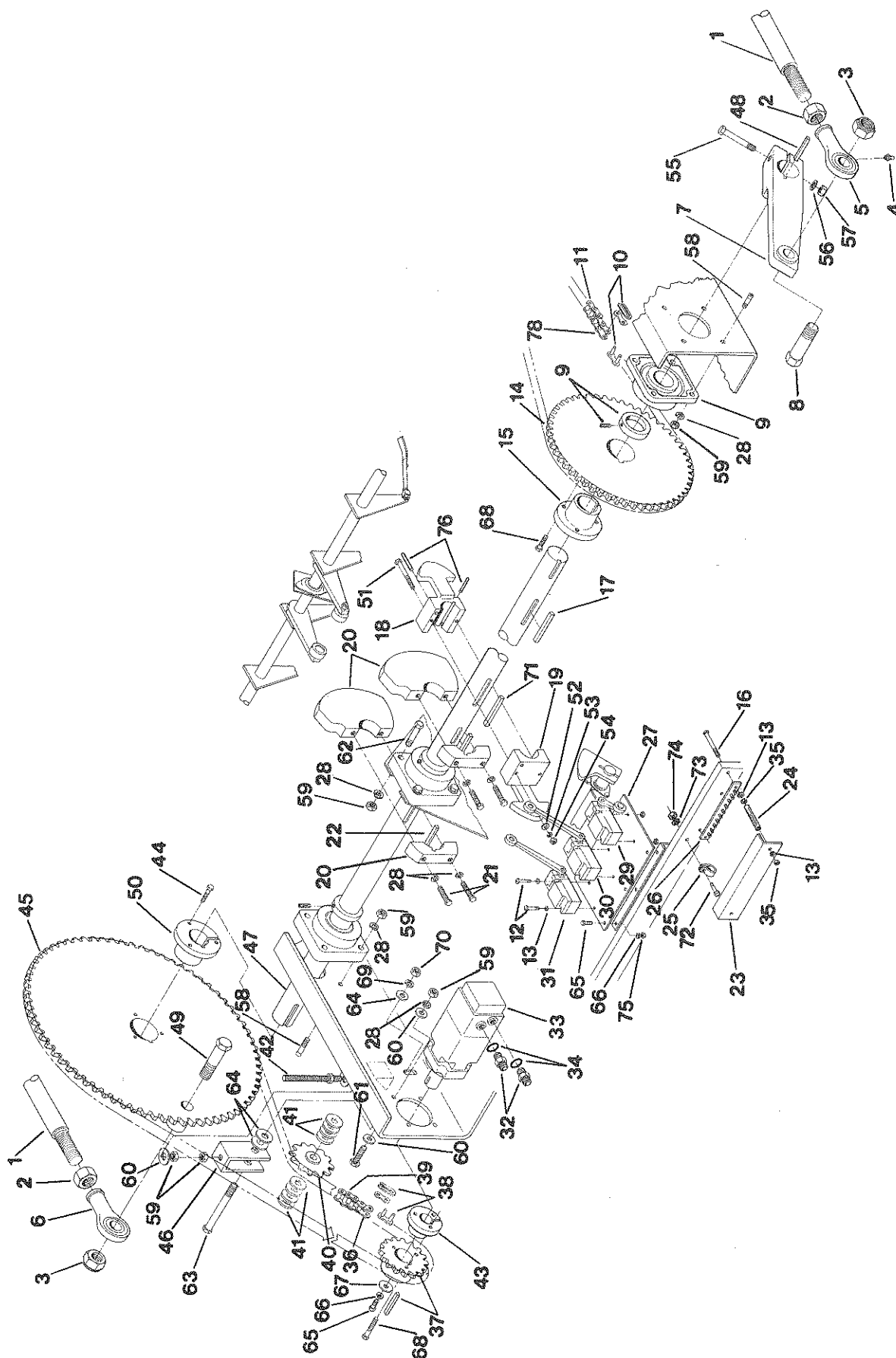
INFEED CHUTE



INFEED CHUTE

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	CHU1514200	Left Side Plate	13	WLK0000375	$\frac{3}{8}$ " Lockwasher (8 used)
2	CHU0015145	Access Door	14	NCH0000375	$\frac{3}{8}$ "-16 Hex Nut (8 used)
3	CHU0015138	Rear Pan	15	CRB3130125	$\frac{5}{16}$ "-18 x 1 $\frac{1}{4}$ " Carriage Bolt (10 used)
4	CHU1514201	Right Side Plate	16	CRB3130100	$\frac{5}{16}$ "-18 x 1" Carriage Bolt (38 used)
5	GRD0015149	Outside Feeder Guard (2 used)	17	SCC0020002	$\frac{5}{16}$ "-18 x 1" Cap Screw (36 used)
6	GRD0015150	Center Feeder Guard (5 used)	18	SCC0020001	$\frac{5}{16}$ "-18 x $\frac{3}{4}$ " Cap Screw (20 used)
7	CHU0015250	Front Pan	19	WLK0000313	$\frac{5}{16}$ " Lockwasher (104 used)
8	SUP0015148	Feeder Guard Support	20	NCH0000313	$\frac{5}{16}$ "-18 Hex Nut (104 used)
9	GRD1515100	Left Feed Finger Guard	21	CRB2500075	$\frac{1}{4}$ "-20 x $\frac{3}{4}$ " Carriage Bolt (34 used)
10	GRD0015155	Center Feed Finger Guard (7 used)	22	WLK0000250	$\frac{1}{4}$ " Lockwasher (34 used)
11	GRD1515101	Right Feed Finger Guard	23	NCH0000250	$\frac{1}{4}$ "-20 Hex Nut (34 used)
12	SCC0030002	$\frac{3}{8}$ "-16 x 1" Cap Screw (8 used)			

NEEDLE YOKE DRIVE

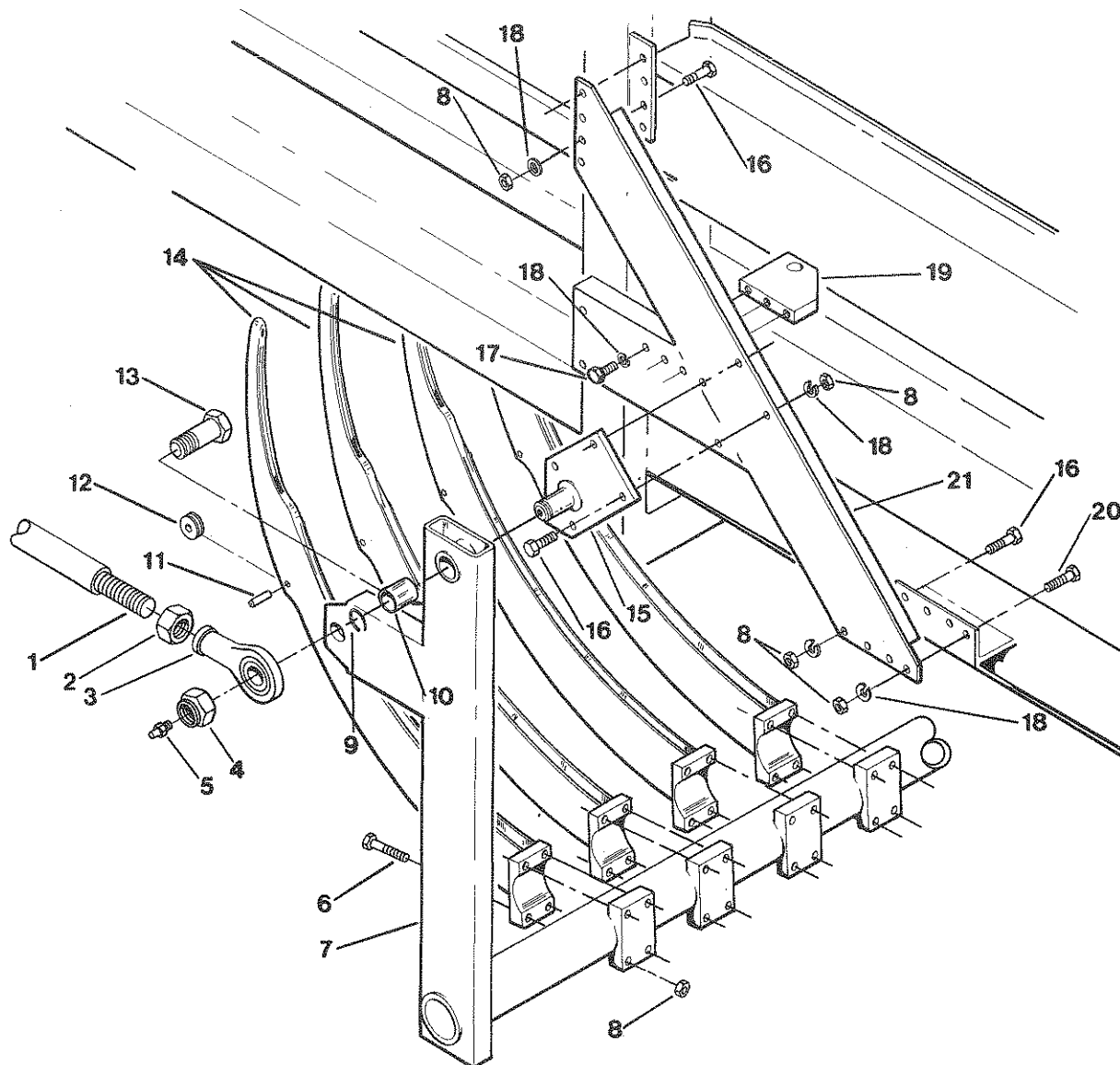


NEEDLE YOKE DRIVE

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	ROD0015503	Needle Yoke Drive Rod	40	SPK1280125	Knotter Drive Sprocket
2	NFL0012500	1 1/4" NF Left Hand Hex Nut (2 used)	41	WAS0000139	3/4" SAE Flatwasher (As required)
3	NFE0001000	1" NF ESNA Nut (2 used)	42	ROD0015119	Tightener Adjustment Rod
4	ZZ 0000116	1/4"-28 Zerk Grease Fitting (2 used)	43	BSH0010125	1 1/4" Bushing
5	ROD0001600	L.H. Rod End	44	SCC0050009	1/2" x 2 3/4" NC Cap Screw (3 used)
6	ROD0000160	R.H. Rod End	45	SPK0015698	Drive Sprocket Needle Yoke
7	ARM0015342	Needle Yoke Drive Crank Arm	46	BKT0015716	Chain Tightener Bracket
8	SMS0015707	1" x 5" Needle Yoke Drive Bolt	47	SHF0015348	Needle Yoke Drive Shaft
9	BRG0193750	1 15/16" Bearing (3 used)	48	ZZ 0000424	1/2" x 1/2" x 1 1/2" Key
10	CNK0000110	#60 Connecting Link	49	SMS0015696	1" x 6" Needle Yoke Drive Rod Bolt
11	CHN0006098	Chain #60 x 98 Pitch	50	BSH0193750	Bushing
12	SMR1032150	10-32 x 1 1/2" NF Machine Screw R.H. (6 used)	51	SCC0020011	5/16" x 3 3/4" NC Cap Screw (2 used)
13	WLK0000100	#10 Lockwasher (10 used)	52	WCT0000313	5/16" Cutwasher (2 used)
14	SPK0006056	Steel Sprocket	53	WLK0000313	5/16" Lockwasher (2 used)
15	BSH0119375	1 15/16" Bushing	54	NCH0000313	5/16" NC Hex Nut (2 used)
16	SMS1032030	10-32 x 3" Machine Screw (2 used)	55	SCC0070014	5/8" x 4" NC Cap Screw
17	ZZ 0000457	1/2" x 1/2" x 2 3/4" Key	56	WLK0000625	5/8" Lockwasher
18	CAM0016051	Plunger Start Knotter Cam	57	NCH0000625	5/8" NC Hex Nut
19	CAM1610500	Knotter Cam Stop	58	SCO0000506	1/2" x 2" NC Flat Head Socket (8 used)
20	CAM0015657	Drive Cam-Twine Finger (2 used)	59	NCH0000500	1/2" NC Hex Nut Nut (19 used)
21	SCC0050008	1/2" x 2 1/2" NC Cap Screw (4 used)	60	WCT0000500	1/2" Cutwasher (10 used)
22	ZZ 0000451	1/2" x 1/2" 1 1/2" Key	61	SCC0050006	1/2" x 2" NC Cap Screw (4 used)
23	SHD0015890	10 Post Junction Block Shield	62	SCC0050005	1/2" x 1 3/4" NC Cap Screw (4 used)
24	11-262	Spacer (2 used)	63	SCC0080014	3/4" x 4" NC Cap Screw
25	CLP7701160	3/4" Insulated Hose Clamp	64	WCT0000750	3/4" Cutwasher (3 used)
26	TEB0472110	10 Post Terminal Block	65	SCC0030001	3/8" x 3/4" NC Cap Screw (2 used)
27	MNT0015848	Knotter Mount	66	WLK0000375	3/8" Lockwasher (2 used)
28	WLK0000500	1/2" Lockwasher (20 used)	67	WCT0000375	3/8" Cutwasher
29	ELC0005079	Limit Switch 3	68	SCC0020003	5/16" x 1 1/4" NC Cap Screw (3 used)
30	ELC0005079	Limit Switch 12	69	WLK0000750	3/4" Lockwasher
31	ELC0005081	Limit Switch 1	70	NCH0000750	3/4" NC Hex Nut
32	HYD5205066	3/4" x 3/4" Male Connector JIC (2 used)	71	ZZ 0000426	1/2" x 1/2" x 3 1/4" Key
33	MTR1091105	Motor 4000 HP 34HYD00039120- Ring (2 used)	72	SCC0010004	1/4" x 1 1/2" NC Cap Screw
35	NFH0001032	10-32 NF Hex Nut (2 used)	73	WLK0000250	1/4" Lockwasher
36	OFL0000102	#80 Offset Link (2 used)	74	NCH0000250	1/4" NC Hex Nut
37	SPK0080140	Knotter Drive Sprocket	75	NCH0000375	3/8" NC Hex Nut
38	CNK0000800	#80 Connecting Link	76	ZZ 0000704	1/4" x 1 1/2" Roll Pin (2 used)
39	CHN0008090	Chain #80 x 90 Pitch	77	SCC0030003	3/8" x 1 1/4" NC Cap Screw (3 used)
			78	OFL0000107	#60 Offset Link

NOTES

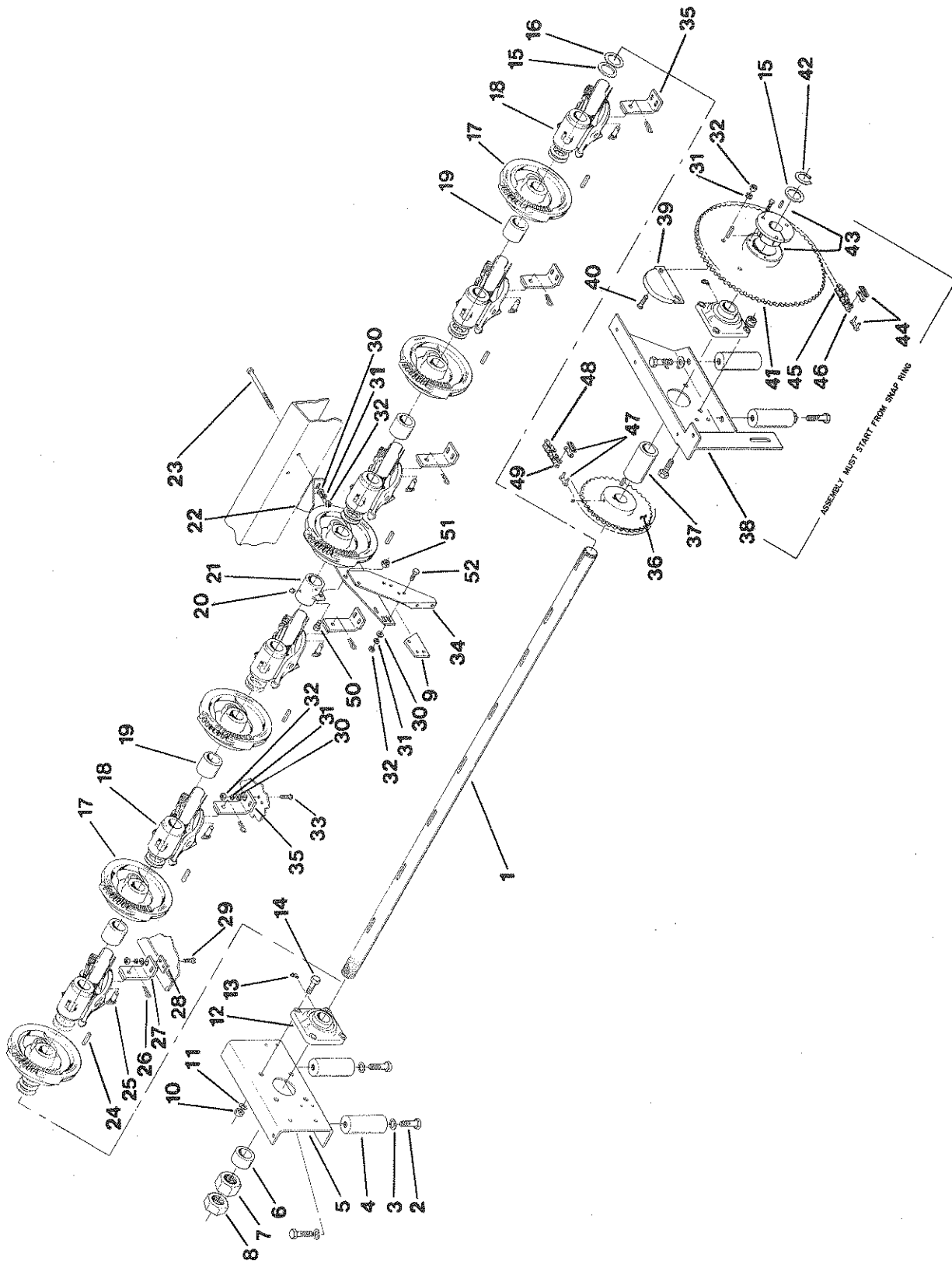
NEEDLE and YOKE



NEEDLE and YOKE

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	ROD0015503	Needle Yoke Drive Rod (2 used)	12	ROL0014863	Needle Roller (6 used)
2	NFL0012500	L.H. 1 1/4" NF Hex Nut	13	SMS0015697	Drive Rod Bolt (2 used)
	NFL0001250	R.H. 1 1/4" NF Hex Nut	14	NDL0015235	Twine Needle (6 used)
3	ROD0001600	L.H. Rod End	15	MNT1656800	L.H. Needle Yoke Mount
	ROD0000160	R.H. Rod End		MNT1656801	R.H. Needle Yoke Mount
4	NFE0001000	1" NF ESNA Nut (2 used)	16	SCC0050004	1/2" x 1 1/2" NC Cap Screw (28 used)
5	ZZ 0000100	1/4"-28 Zerk Fitting (2 used)	17	SCC0050003	1/2" x 1 1/4" NC Cap Screw (26 used)
6	SCC0050016	1/2" x 5" NC Cap Screw (24 used)	18	WLK0000500	1/2" Lockwasher (32 used)
7	YOK0014842	Needle Yoke	19	MNT0014841	Makeup Cylinder Mount (2 used)
8	NCH0000500	1/2" NC Hex Nut (52 used)	20	SCC0050005	1/2" x 1 3/4" NC Cap Screw (2 used)
9	F 0007988	Snap Ring (2 used)	21	SUP1483300	L.H. Needle Yoke Pivot Support
10	F 0004137	1 1/2" x 1 3/8" x 2" Bushing (2 used)		SUP1483301	R.H. Needle Yoke Pivot Support
11	ZZ 0000723	3/16" x 3/4" Roll Pin (2 used)			

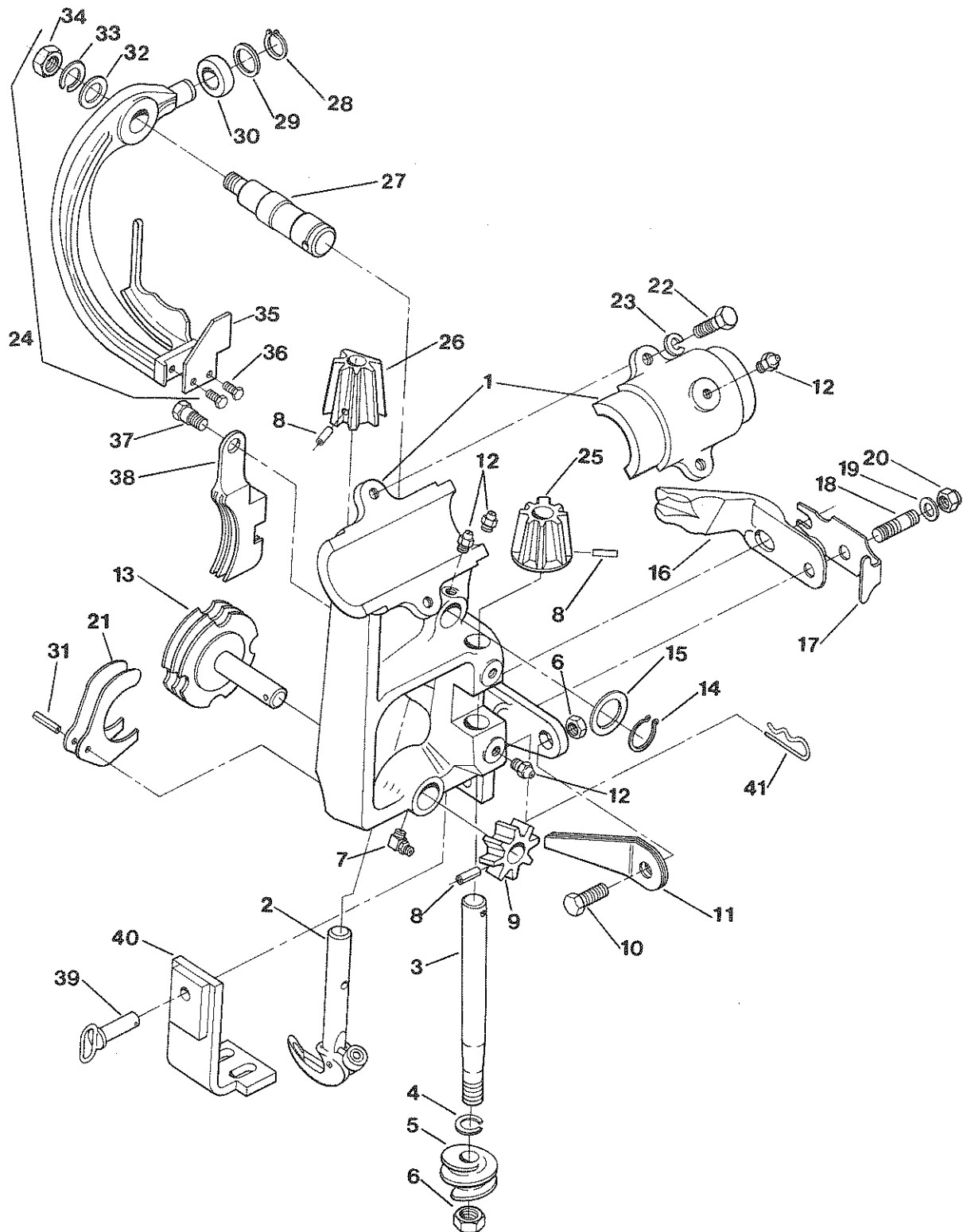
KNOTTER SHAFT ASSEMBLY



KNOTTER SHAFT ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION
1	SHF0015315	Knotter Shaft
2	SCC0070006	$\frac{5}{8}$ " $\times$ 2" NC Cap Screw (8 used)
3	WLK0000625	$\frac{5}{8}$ " Lockwasher (8 used)
4	KNT0015323	Knotter Bearing Pedestal (4 used)
5	MNT0015325	R.H. Knotter Mount
6	SPC0015400	Knotter Shaft Spacer
7	NFH0001375	$1\frac{3}{8}$ " NF Hex Nut
8	NFJ0001375	$1\frac{3}{8}$ " NF Jam Nut
9	SPC0016001	Knotter Anchor Spacer (as needed)
10	NCH0000500	$\frac{1}{2}$ " NC Hex Nut (8 used)
11	WLK0000500	$\frac{1}{2}$ " Lockwasher (8 used)
12	BRGRCJ1375	$1\frac{3}{8}$ " Bearing (2 used)
13	ZZ 0000104	$\frac{1}{8}$ "-28 $\times$ 90° Zerk Fitting (2 used)
14	SCC0050005	$\frac{1}{2}$ " $\times$ $1\frac{3}{4}$ " NC Cap Screw (8 used)
15	F 0004159	$1\frac{3}{8}$ " $\times$ 10 GA Machine Bushing (as needed)
16	F 0004161	$1\frac{3}{8}$ " $\times$ 18 GA Machine Bushing (as needed)
17	F 0007942	$1\frac{3}{8}$ " Knotter Cam Gear (6 used)
18	KNT0006003	Split Knotter (6 used)
19	SPC0015398	Knotter Shaft Spacer (4 used)
20	F 0008287	$1\frac{3}{8}$ " Knotter Shaft
21	BRG0015394	Knotter Shaft Center Bearing
22	SUP0015417	Knotter Shaft Center Bearing Bracket
23	SCC0020018	$\frac{5}{16}$ " $\times$ 5" NC Cap Screw (2 used)
24	F 0004104	$\frac{3}{8}$ " $\times$ $\frac{3}{8}$ " $\times$ $1\frac{1}{2}$ " Key Stock (6 used)
25	PIN0016579	Knotter Anchor Pin (6 used)
26	F 0001019	Hair Cotter Key (6 used)
27	KNT0014815	Right Knotter Anchor
28	SPC0017381	Knotter Anchor Spacer
29	CRB3130150	$\frac{5}{16}$ " $\times$ $1\frac{1}{2}$ " NC Carriage Bolt (2 used)
30	WCT0000313	$\frac{5}{16}$ " Cutwasher (17 used)
31	WLK0000313	$\frac{5}{16}$ " Lockwasher (19 used)
32	NCH0000313	$\frac{5}{16}$ " NC Hex Nut (19 used)
33	CRB3130125	$\frac{5}{16}$ " $\times$ $1\frac{1}{4}$ " NC Carriage Bolt (10 used)
34	MNT0015373	Center Bearing Mount
35	KNT0014812	Center Knotter Anchor (5 used)
36	SPK0041401	$1\frac{3}{8}$ " Sprocket
37	SPC0015399	Knotter Shaft Spacer
38	MNT0015328	L.H. Knotter Mount
39	CAM0015809	Knotter Reverse Cam
40	CRB3131000	$\frac{5}{16}$ " $\times$ 1" NC Carriage Bolt (2 used)
41	SPK0016363	Knotter Drive Sprocket
42	F 0007988	Snap Ring
43	BSH0113750	$1\frac{3}{8}$ " Bushing
44	CNK0000110	Connecting Link
45	CHN0006098	#60 $\times$ 98 Pitch Chain
46	OFL0000107	#60 Offset Link (2 used)
47	FT 0000113	#41 Offset Link
48	F 0008204	Drive Pump, Chain #40 $\times$ 93 Pitch
49	FT 0000114	#41 Connecting Link
50	SFC0030002	$\frac{3}{8}$ " $\times$ 1" NF Cap Screw (2 used)
51	NCJ0003750	$\frac{3}{8}$ " NF Jam Nut (2 used)
52	SCC0020002	$\frac{5}{16}$ " $\times$ 1" NC Cap Screw (3 used)

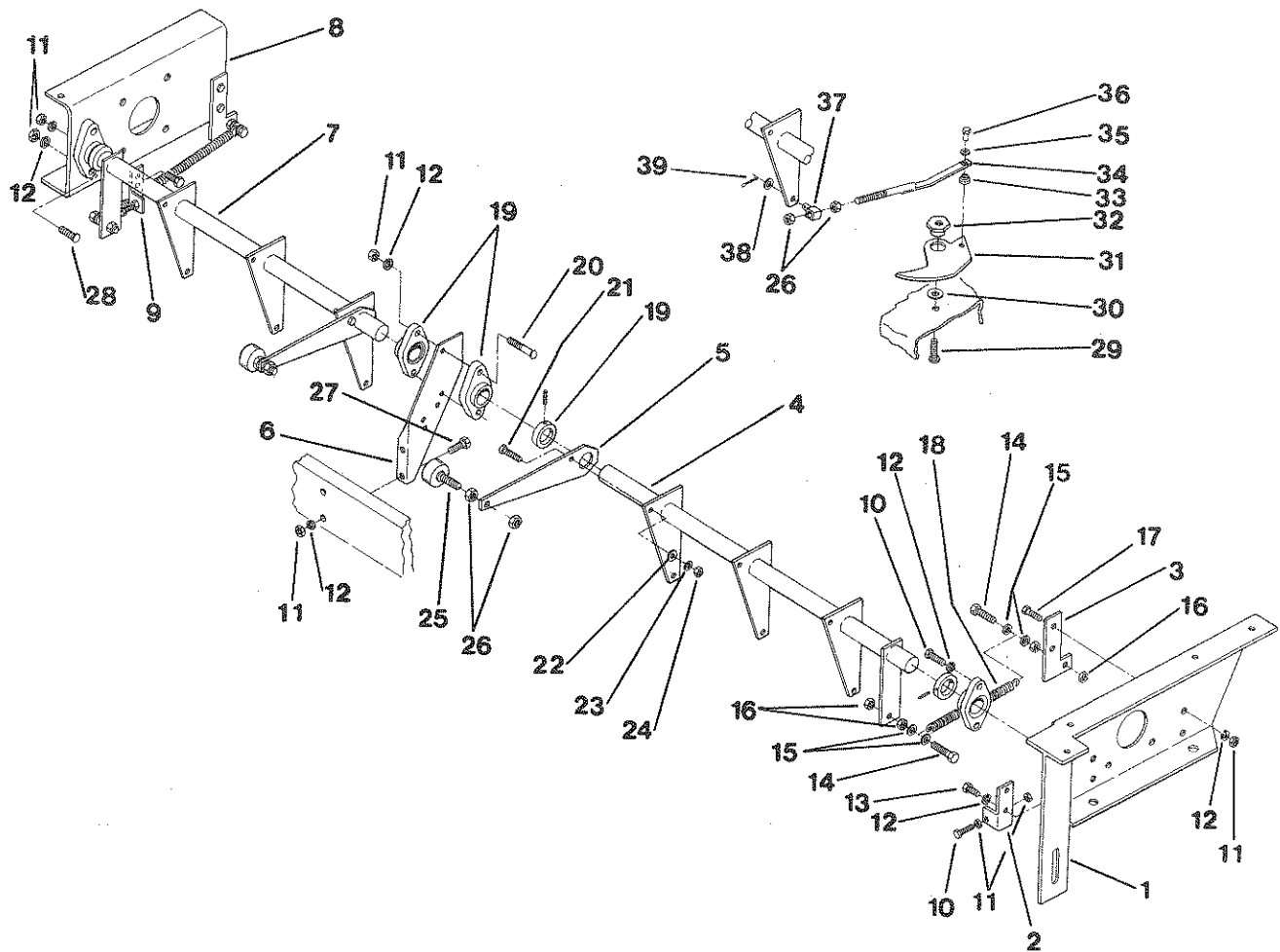
KNOTTER



KNOTTER

REF. NO.	PART NO.	DESCRIPTION
1	KNT0060030	Split Knotter Frame Only
2	F 0007861	Knotter Bill Hook
	F 0008070	Trigger For F 7861 Knotter Bill Hook
	F 0008071	Pin For F 8070 Trigger
3	F 0007874	Knotter Worm Shaft
4	F 0001680	Washer, Knotter Worm Shaft 28 GA
	F 0000657	Washer, Knotter Worm Shaft 10 GA
	F 0000658	Washer, Knotter Worm Shaft 14 GA
	F 0000659	Washer, Knotter Worm Shaft 18 GA
5	F 0007875	Knotter Worm Only
6	NCH0000375	$\frac{3}{8}$ " NC Hex Nut (2 used)
7	F 0007882	90° Zerk Grease Fitting
8	F 0007872	Roll Pin (2 used)
9	F 0007871	Pinion Twine Holder Disc
10	SCC0000302	$\frac{3}{8}$ " x 1" NC Cap Screw
11	F 0008052	Twine Holder Spring (3 used)
12	F 0007883	Straight Zerk Grease Fitting (4 used)
13	F 0007869	Twine Disc
14	F 0007976	Snap Ring For Knife Arm Pin
15	F 0007860	Knife Arm Washer
16	F 0008051	Knotter Hook Cam
17	F 0007947	Knotter Hook Cam Adjusting Spring
18	F 0007948	Knotter Hook Cam Adjusting Screw
19	WCT0000313	$\frac{5}{16}$ " Cutwasher
20	F 0007949	Knotter Hook Cam Adjusting Nut
21	KNT0006012	Twine Disc Cleaner
22	SCC0020002	$\frac{5}{16}$ " x 1" NC Cap Screw (2 used)
23	WLK0000313	$\frac{5}{16}$ " Lockwasher (2 used)
24	F 0008050	Knife Arm Complete
25	F 0007873	Pinion Knotter Worm
26	F 0007862	Pinion Knotter Hook
27	F 0007884	Knife Arm Pin
28	F 0008275	Snap Ring
29	F 0008280	Washer
30	F 0008274	Roller
31	KNT5321481	Roll Pin
32	F 0007892	Knife Arm Shaft Washer
33	WLK0000375	$\frac{3}{8}$ " Lockwasher
34	F 0007893	Knife Arm Shaft Nut
35	F 0008049	Twine Knife
36	F 0007859	Twine Knife Screw (2 used)
37	F 0007867	Twine Holder Bolt
38	F 0007868	Twine Holder
39	PIN0016579	Knotter Anchor Pin (6 used)
40	KNT0014812	Center Knotter Anchor (5 used)
41	F 0001019	Hair Pin Cotter Key (6 used)

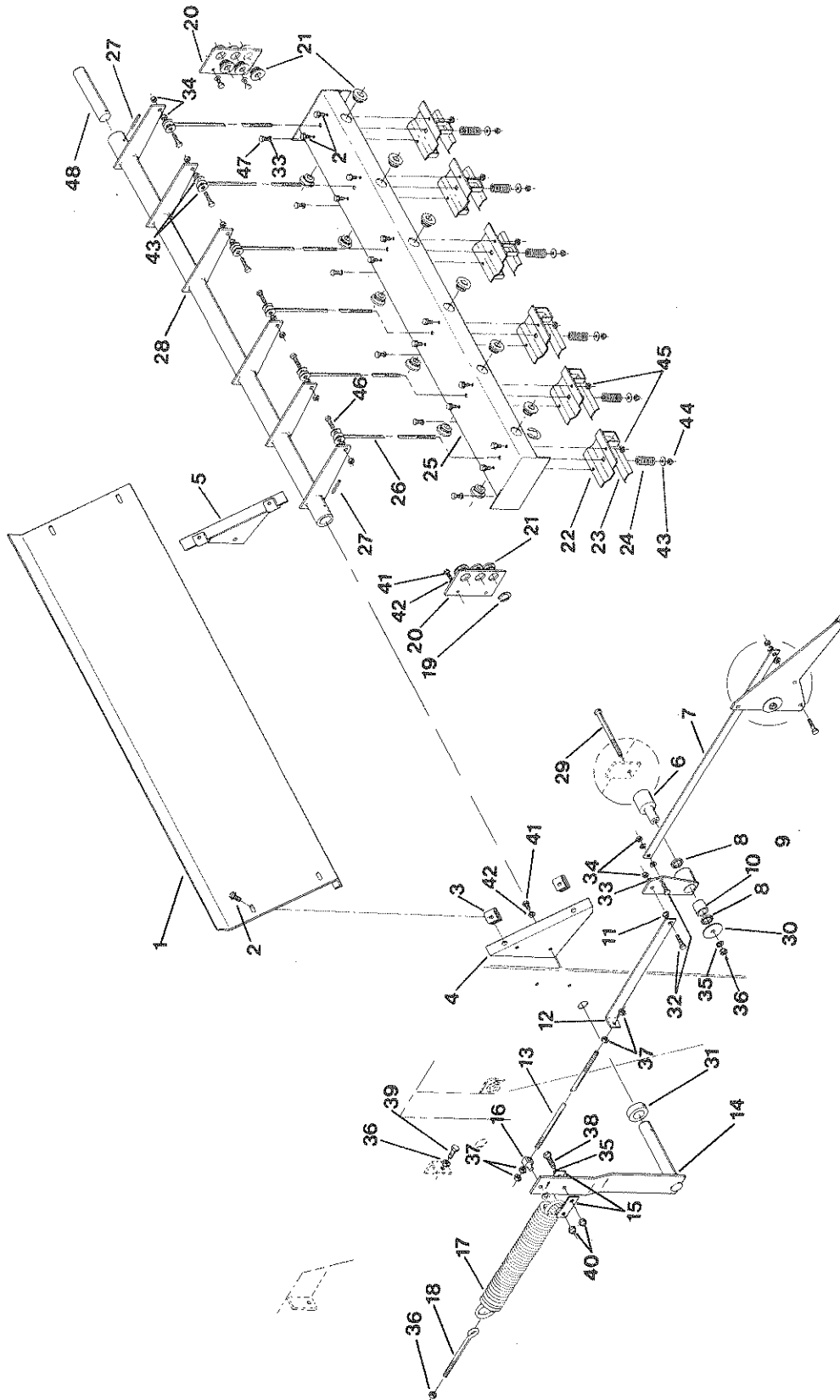
TWINE FINGER DRIVE



TWINE FINGER DRIVE

REF. NO.	PART NO.	DESCRIPTION
1	MNT0015328	L.H. Knotter Mount
2	BKT1537100	L.H. Twine Finger Stop Bracket
3	BKT0015372	Twine Finger Return Spring Bracket (2 used)
4	SHF0015366	Left Twine Finger Drive Shaft
5	ARM0015370	Cam Arm (2 used)
6	MNT0015373	Twine Finger Drive Center Bracket Mount
7	SHF0015365	Right Twine Finger Drive Shaft
8	MNT0015325	R.H. Knotter Mount
9	BKT0153710	R.H. Twine Finger Stop Bracket
10	SCC0020003	$\frac{5}{16}$ " $\times$ $1\frac{1}{4}$ " NC Cap Screw (4 used)
11	NCH0000313	$\frac{5}{16}$ " NC Hex Nut (18 used)
12	WLK0000313	$\frac{5}{16}$ " Lockwasher (16 used)
13	SCC0020004	$\frac{5}{16}$ " $\times$ $1\frac{1}{2}$ " NC Cap Screw (4 used)
14	SCC0030004	$\frac{3}{8}$ " $\times$ $1\frac{1}{2}$ " NC Cap Screw (4 used)
15	WCT0000375	$\frac{3}{8}$ " Cutwasher (8 used)
16	NCH0000375	$\frac{3}{8}$ " NC Hex Nut (8 used)
17	SCC0020002	$\frac{5}{16}$ " $\times$ 1" NC Cap Screw (4 used)
18	F 0001517	Return Spring (2 used)
19	02-104	Bearing 1" Flange (4 used)
20	SCC0020007	$\frac{5}{16}$ " $\times$ $2\frac{1}{4}$ " NC Cap Screw (2 used)
21	SCC0010003	$\frac{1}{4}$ " $\times$ $1\frac{1}{4}$ " NC Cap Screw (2 used)
22	WCT0000250	$\frac{1}{4}$ " Cutwasher (2 used)
23	WLK0000250	$\frac{1}{4}$ " Lockwasher (2 used)
24	NCH0000250	$\frac{1}{4}$ " NC Hex Nut (2 used)
25	F 0001572	Cam Follower (2 used)
26	NFH0000375	$\frac{3}{8}$ " NF Hex Nut (16 used)
27	SCC0020005	$\frac{5}{16}$ " $\times$ $1\frac{3}{4}$ " NC Cap Screw (2 used)
28	CRB3130150	$\frac{5}{16}$ " $\times$ $1\frac{1}{2}$ " NC Carriage Bolt (2 used)
29	CRB3750010	$\frac{3}{8}$ " $\times$ 1" NC Carriage Bolt (6 used)
30	SPC0015552	Twine Finger Spacer (5 used)
31	SPC0015555	Twine Finger Spacer used on L.H. Side
32	KNT0015420	Twine Finger (6 used)
33	F 0008144	Twine Finger Bushing (6 used)
34	BSH0015568	Reset Lever Bushing (6 used)
35	F 0008143	Twine Finger Drive Rod (6 used)
36	WIS0000313	$\frac{5}{16}$ " Internal Star Lockwasher (6 used)
37	SCC0020001	$\frac{5}{16}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw (6 used)
38	F 0000159	Twine Finger Link Block (6 used)
39	F 0004119	Washer $\frac{7}{16}$ " $\times$ $\frac{7}{8}$ " $\times$ 22 GA (6 used)
39	COT0000301	$\frac{3}{32}$ " $\times$ $\frac{3}{4}$ " Cotter Pin (6 used)

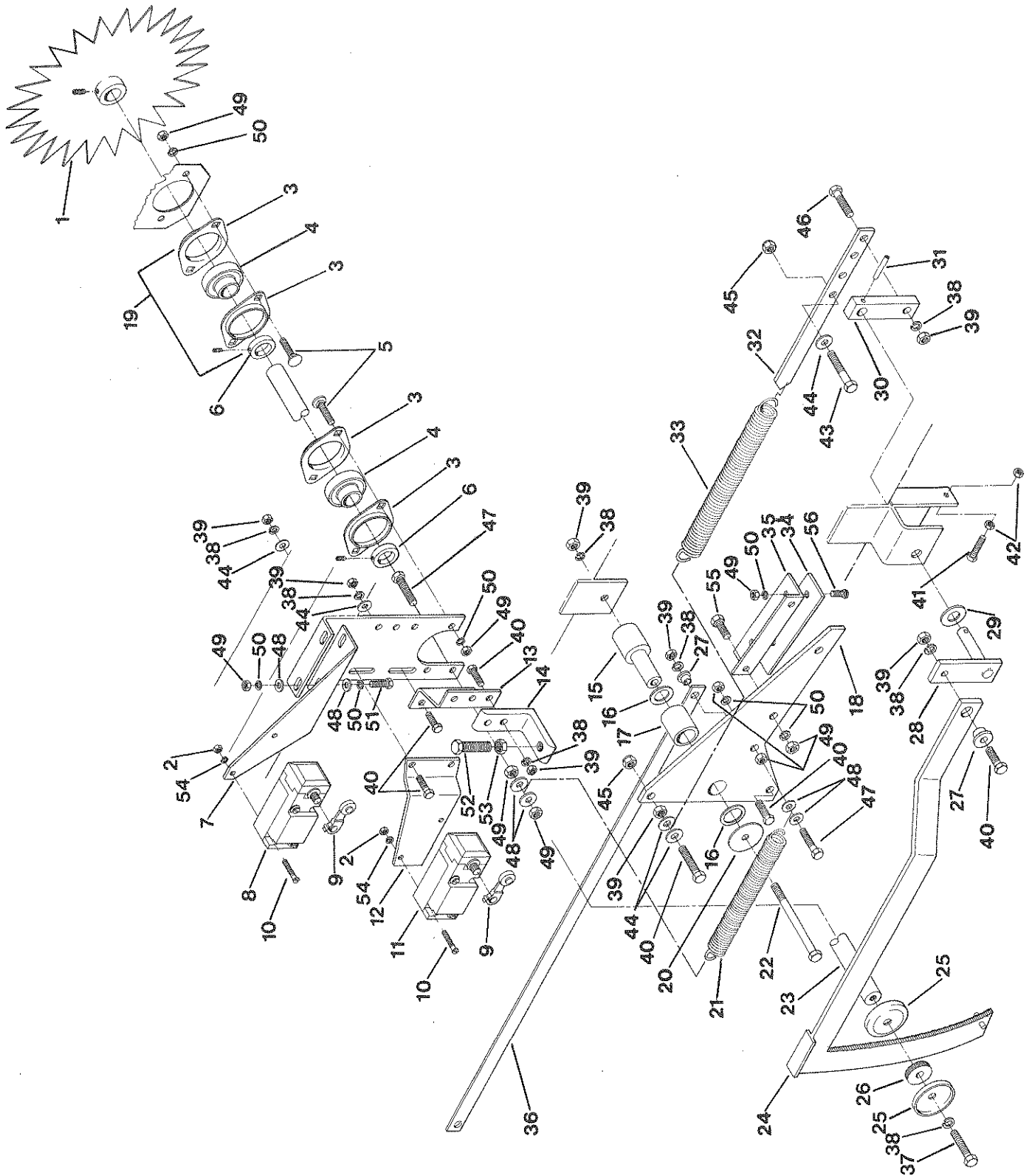
TWINE TENSIONER



TWINE TENSIONER

REF. NO.	PART NO.	DESCRIPTION
1	SHD0016584	Twine Tensioner Chaff Shield
2	SMS0000300	1/4" x 5/8" NC Whiz Bolt (14 used)
3	NCC0002500	1/4" #5586 AVECO Nut (4 used)
4	MNT1660700	L.H. Chaff Shield Mount
5	MNT1660701	R.H. Chaff Shield Mount
6	SLV0015542	Knotter Trip Pivot Bolt Sleeve
7	ROD0015599	Twine Tensioner Rear Release Rod
8	F 0007587	Seal, Lever Anchor
9	ARM0015593	Tension Release-Wobble Arm
10	F 0007586	Bushing For Saddle Lever Anchor
11	F 0000440	Ferrule (2 used)
12	ROD0015600	Twine Tensioner Front Release Rod
13	ROD0015601	Twine Tensioner-Tension Rod
14	LEV0015603	Twine Tensioner-Spring Lever
15	LNK0015609	Twine Tensioner Spring Link (2 used)
16	F 0000159	Twine Finger Link Block
17	F 0000108	Spring Pickup Balance
18	SMS0000301	3/8" x 5 1/2" Eye Bolt
19	F 0000857	Snap Ring (18 used)
20	BKT0015602	Twine Tensioner Twine Guide Bracket (2 used)
21	F 0000856	Bushing Twine Guide (18 used)
22	TNS0015598	Twine Tensioner-Tension Base (6 used)
23	F 0007890	Twine Tension Top (6 used)
24	F 0007451	Compression Spring (6 used)
25	MNT0015607	Twine Tensioner Tension Base Mount
26	ROD0015608	Twine Tensioner Tension Rod (6 used)
27	F 0007076	Roll Pin (2 used)
28	LEV0015595	Twine Tensioner Lever
29	SCC0030015	3/8" x 4 1/2" NC Cap Screw
30	F 0000246	Knotter Shaft End Washer (3 used)
31	ZZ 0002012	1" Set Collar
32	SCC0020003	5/16" x 1 1/4" NC Cap Screw (2 used)
33	WLK0000313	5/16" Lockwasher (8 used)
34	NCH0000313	5/16" NC Hex Nut (14 used)
35	WLK0000375	3/8" Lockwasher (3 used)
36	NCH0000375	3/8" NC Hex Nut (3 used)
37	NFH0000375	3/8" NF Hex Nut (4 used)
38	SCC0030003	3/8" x 1 1/4" NC Cap Screw (2 used)
39	SCC0030004	3/8" x 1 1/2" NC Cap Screw
40	NCE0000375	3/8" NC ESNA Nut (2 used)
41	SCC0010001	1/4" x 3/4" NC Cap Screw (6 used)
42	WLK0000250	1/4" Lockwasher (6 used)
43	WCT0000313	5/16" Cutwasher (18 used)
44	NCE0000313	5/16" ESNA Nut (6 used)
45	NMS0000250	1/4" NC Whiz Nut (6 used)
46	SCC0020004	5/16" x 1 1/2" NC Cap Screw (6 used)
47	SCC0020001	5/16" x 3/4" NC Cap Screw (6 used)
48	PIN0015610	Twine Tension Lever Pivot Pin

METER WHEEL and TRIP

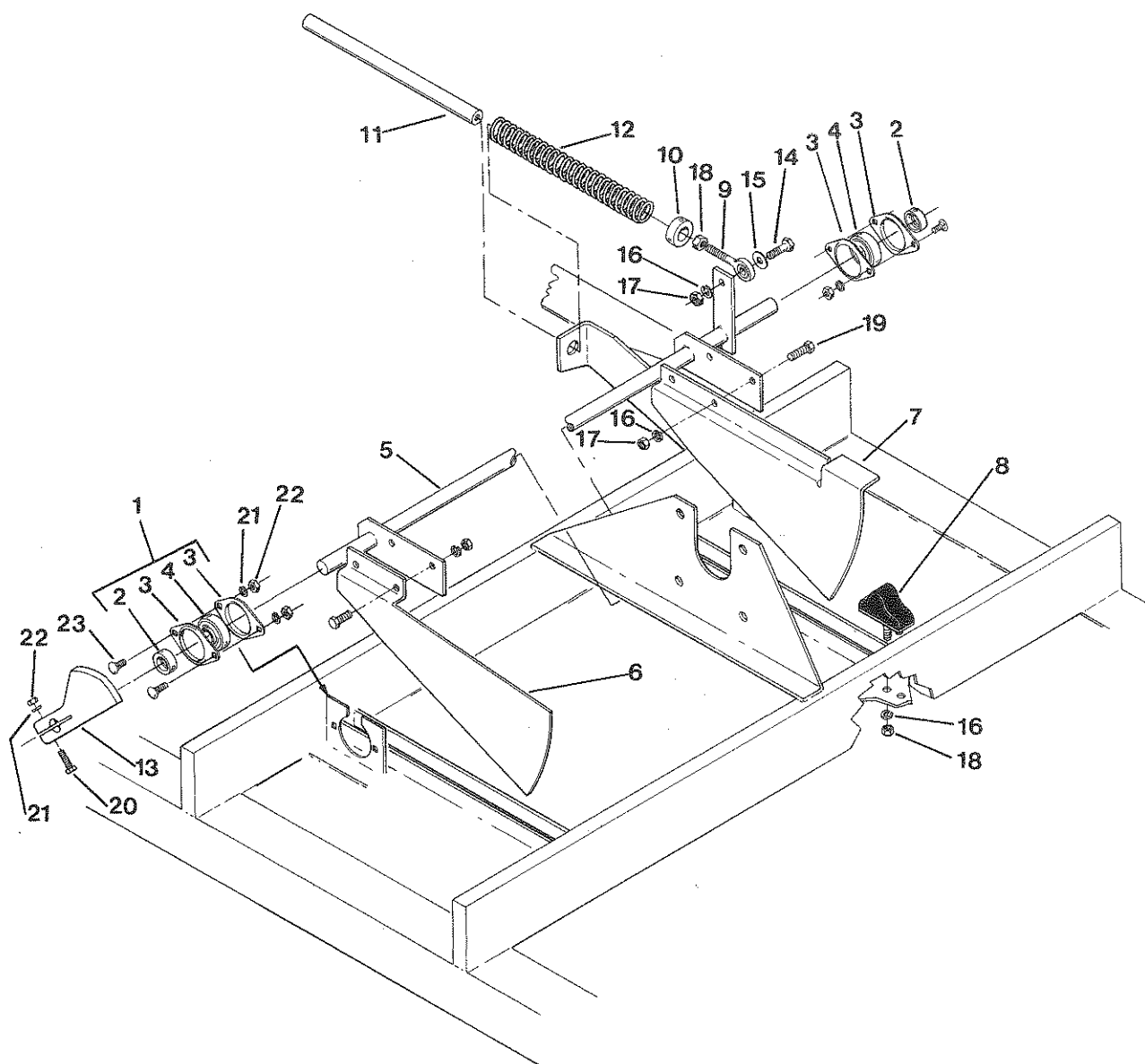


METER WHEEL and TRIP

REF. NO.	PART NO.	DESCRIPTION
1	KNT0014758	Meter Wheel
2	NFH0010320	10-32 NF Hex Nut (4 used)
3	F 0001889	Flangett Only 47 MST (4 used)
4	F 0001619	Bearing Only RA012 NPPB (2 used)
5	CRB3130100	$\frac{5}{16}$ " $\times$ 1" NC Carriage Bolt (4 used)
6	F 0001890	Locking Collar Only S1012K (2 used)
7	BKT0015539	Knotter Switch Bracket
8	ELC0005081	Knotter Trip Limit Switch 11
9	ELC0005001	Lever Arm MA-11, $1\frac{1}{2}$ "
10	SMR1032150	10-32 $\times$ $1\frac{1}{2}$ " NF Machine Screw (4 used)
11	ELC0005079	Plunger Early Start Knotter Limit Switch 13
12	BKT0015540	Alarm Switch Bracket
13	SPC0016218	Stop Bracket Spacer
14	BKT0015538	Meter Bar Stop Bracket
15	SLV0015542	Bushing Sleeve
16	F 0007587	Bearing Seal (2 used)
17	F 0007586	Bushing
18	LEV0015533	Reset Lever
19	F 0001618	$\frac{3}{4}$ " Bearing Assembly (2 used)
20	F 0000246	Ferrule
21	F 0000747	Return Spring
22	SCC0030015	$\frac{3}{8}$ "-16 $\times$ $4\frac{1}{2}$ " NC Cap Screw
23	SHF0015527	Meter Wheel Shaft
24	KNT0015528	Meter Bar
25	F 0008023	Formed Guide Washer (2 used)
26	F 0001687	Friction Disc
27	F 0000440	Ferrule
28	LEV0015534	Meter Bar Lever
29	WCT0000500	$\frac{1}{2}$ " Cutwasher
30	LEV0015537	Spring Lever
31	ZZ 0000726	$\frac{3}{16}$ " $\times$ 1" Roll Pin
32	LNK0015541	Spring Link
33	F 0001517	Trip Spring
34	MNT0017158	Knotter Trip Wear Liner Mount
35	LIN0017159	Wear Liner
36	ROD0015599	Twine Tensioner Rear Release Rod
37	SCC0030005	$\frac{3}{8}$ "-16 $\times$ $1\frac{3}{4}$ " NC Cap Screw
38	WLK0000375	$\frac{3}{8}$ " Lockwasher (6 used)
39	NCH0000375	$\frac{3}{8}$ "-16 NC Hex Nut (6 used)
40	SCC0030003	$\frac{3}{8}$ "-16 $\times$ $1\frac{1}{4}$ " NC Cap Screw (3 used)
41	SCC0010003	$\frac{1}{4}$ "-20 $\times$ $1\frac{1}{4}$ " NC Cap Screw
42	NCH0000250	$\frac{1}{4}$ "-20 NC Hex Nut (2 used)
43	SCC0030002	$\frac{3}{8}$ "-16 $\times$ 1" NC Cap Screw
44	WCT0000375	$\frac{3}{8}$ " Flat Washer (4 used)
45	NCE0000375	$\frac{3}{8}$ "-16 NC ESNA Hex Nut
46	SCC0030004	$\frac{3}{8}$ "-16 $\times$ $1\frac{1}{2}$ " NC Cap Screw
47	SCC0020003	$\frac{5}{16}$ "-18 $\times$ $1\frac{1}{4}$ " NC Cap Screw (2 used)
48	WCT0000313	$\frac{5}{16}$ " Cutwasher (4 used)
49	NCH0000313	$\frac{5}{16}$ "-18 NC Hex Nut (8 used)
50	WLK0000313	$\frac{5}{16}$ " Lockwasher (6 used)
51	SCC0020002	$\frac{5}{16}$ "-18 $\times$ 1" NC Cap Screw (2 used)
52	SCC0050004	$\frac{1}{2}$ "-13 $\times$ $1\frac{1}{2}$ " NC Cap Screw
53	NCJ0000500	$\frac{1}{2}$ "-13 NC Hex Jam Nut
54	WLK0000100	#10 Lockwasher (8 used)
55	SCC0020001	$\frac{5}{16}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw (2 used)
56	SMR0002001	$\frac{5}{16}$ " $\times$ $\frac{3}{4}$ " NC Machine Screw RH (2 used)

NOTES

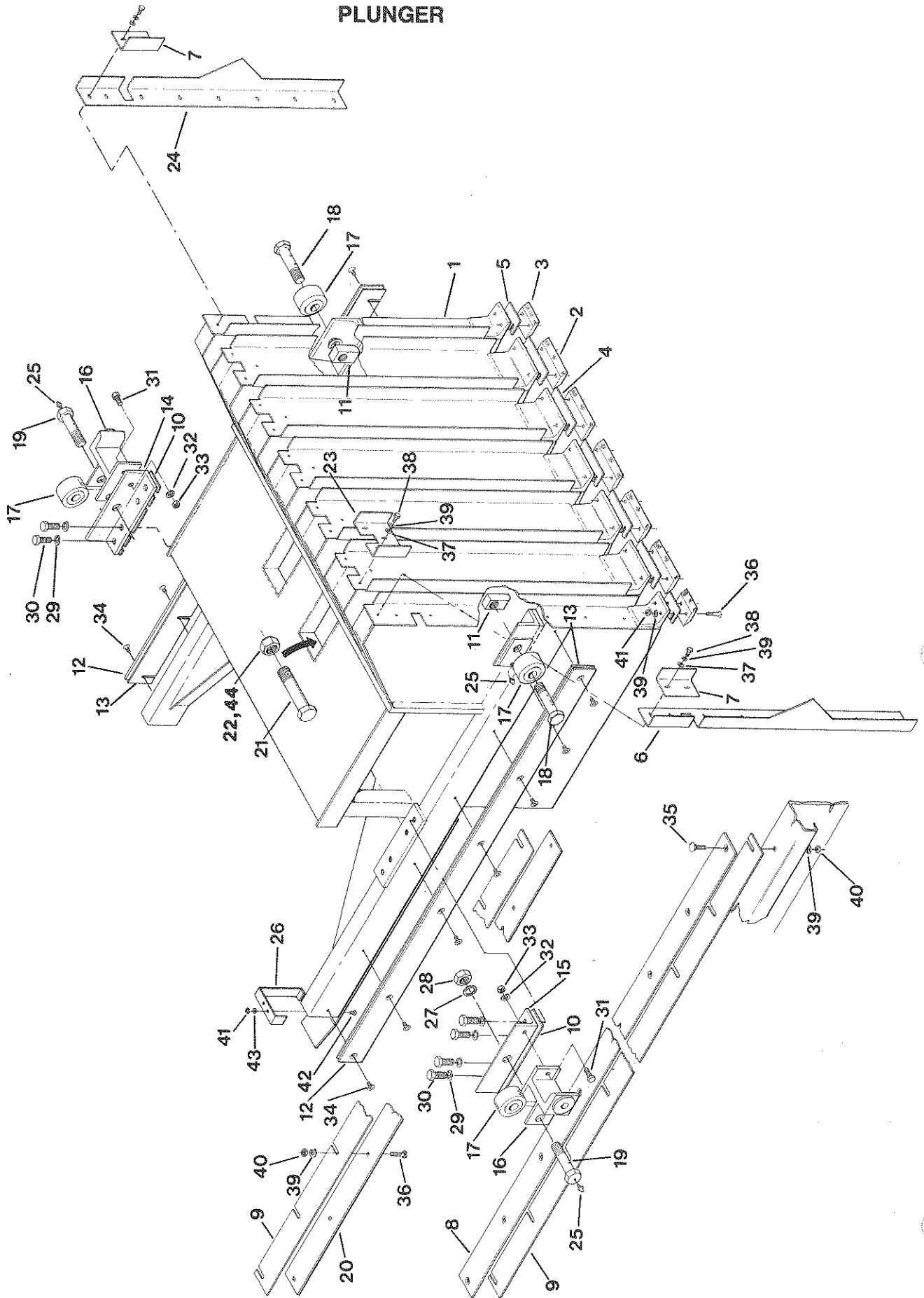
FEED SENSOR



FEED SENSOR

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 0001618	Bearing Complete (2 used)	13	CAM0015917	Charge Switch Cam
2	F 0001890	S1012K Locking Collar (2 used)	14	SCC0030004	$\frac{3}{8}$ "-16 $\times$ 1 $\frac{1}{2}$ " Cap Screw
3	F 0001889	47MST Flangette (4 used)	15	WCT0000375	$\frac{3}{8}$ " Cutwasher
4	F 0001619	RAO 12 N PPB Bearing (2 used)	16	WLK0000375	$\frac{3}{8}$ " Lockwasher (6 used)
5	ARM0015667	Sensor Arm Assembly	17	NCH0000375	$\frac{3}{8}$ "-16 UNC Hex Nut (5 used)
6	PDL0015668	Left Sensor Paddle	18	NFH0000375	$\frac{3}{8}$ "-24 UNF Hex Nut (2 used)
7	PDL0017210	Right Sensor Paddle	19	SCC0030002	$\frac{3}{8}$ "-16 $\times$ 1" Cap Screw (4 used)
8	F 0008264	Rubber Bumper	20	SCC0020005	$\frac{5}{16}$ "-18 $\times$ 1 $\frac{3}{4}$ " Cap Screw
9	ROD0000600	$\frac{3}{8}$ " Rod End Bearing	21	WLK0000313	$\frac{5}{16}$ " Lockwasher (5 used)
10	ZZ 0002010	$\frac{3}{4}$ " Set Collar	22	NCH0000313	$\frac{5}{16}$ "-18 Hex Nut (5 used)
11	ROD0015671	Spring Guide Rod	23	CRB3130075	$\frac{5}{16}$ "-18 $\times$ $\frac{3}{4}$ " Carriage Bolt (4 used)
12	04-105	Compression Spring			

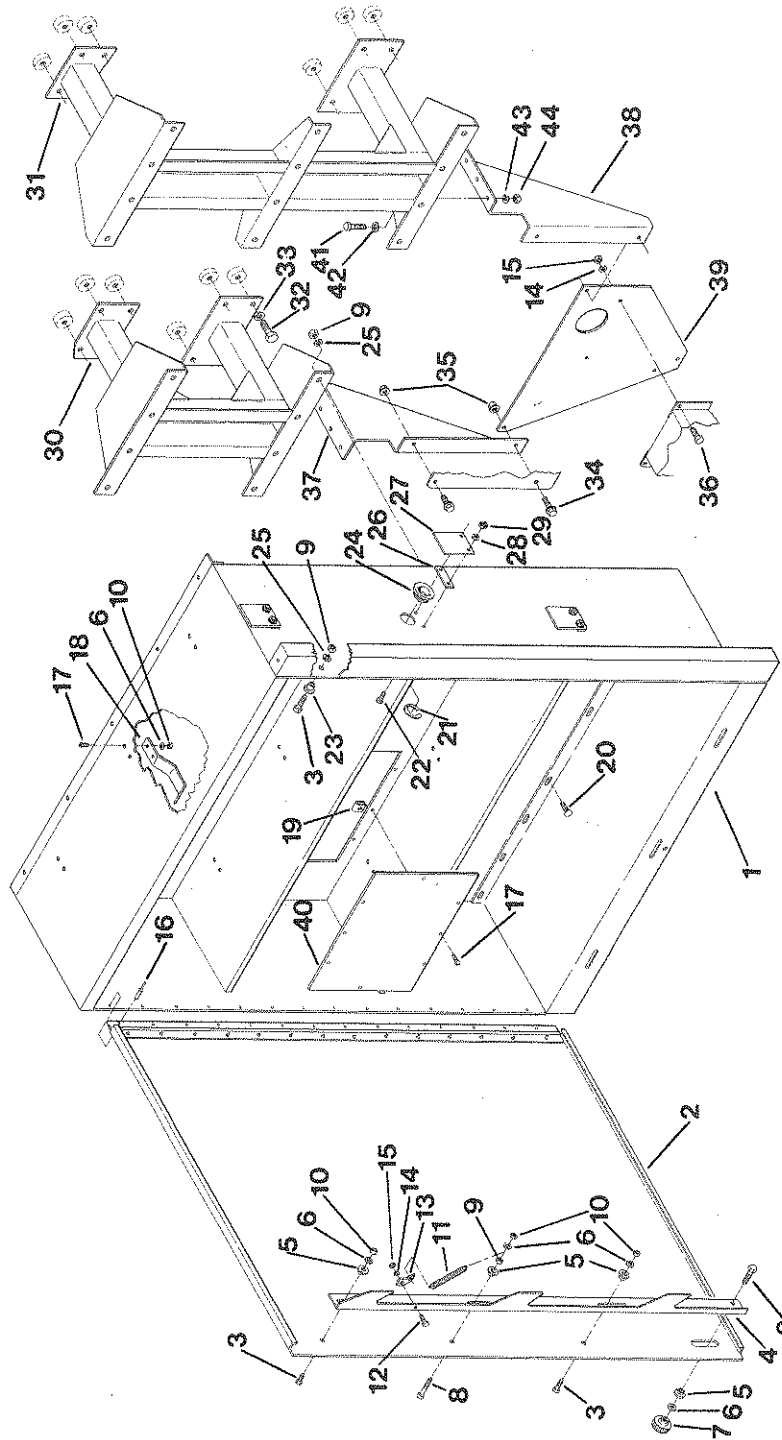
PLUNGER



PLUNGER

REF. NO.	PART NO.	DESCRIPTION
1	PLG0014920	Plunger Frame
2	KNF0014975	Center Plunger Knife (5 used)
3	KNF0014976	Outside Plunger Knife (2 used)
4	SHM0014977	Center Knife Shim
5	SHM0014978	Outside Knife Shim
6	PLG1496700	Left Face Extension
7	PLG0014971	Outside Face Extension (2 used)
8	PLG0014981	Bottom Roller Rail (2 used)
9	SHM0015013	Top and Bottom Roller Rail Shim
10	SHM0015014	Front Roller Shim
11	PLG0014919	Roller Bolt Nut (2 used)
12	PLG0014973	Slide Rail (2 used)
13	PLG0014974	Slide Rail Shim
14	PLG1497200	Left Roller Mount
15	PLG1497201	Right Roller Mount
16	PLG0014959	Cylinder and Roller Mount (2 used)
17	BRG00CYR3S	Plunger Roller (4 used)
18	PLG0014979	Rear Roller Bolt (2 used)
19	PLG0014980	Front Roller Bolt (2 used)
20	PLG0014982	Top Roller Rail (2 used)
21	SCC0010019	1 1/4" - 7 x 6" NC Cap Screw
22	NCH0001250	1 1/4" - 7 NC Hex Nut
23	PLG0014970	Center Face Extension (5 used)
24	PLG1496701	Right Face Extension
25	ZZ 0000116	1/4" - 28 Straight Zerk (4 used)
26	WIP0016427	Switch Cam Wiper
27	WLK0010000	1" Lockwasher (2 used)
28	NFH0010000	1" - 14 UNF Hex Nut (2 used)
29	WLK0000625	5/8" Lockwasher (8 used)
30	SCC0070004	5/8" - 11 x 1 1/2" NC Cap Screw (8 used)
31	SCC0050005	1/2" - 13 x 1 3/4" NC Cap Screw (2 used)
32	WLK0000500	1/2" Lockwasher (2 used)
33	NCH0000500	1/2" - 13 NC Hex Nut (2 used)
34	SCO0030001	3/8" - 16 x 3/4" Flat Head Socket Screw (14 used)
35	PWB3751500	3/8" - 16 x 1 1/2" Plow Bolt (18 used)
36	PWB3751250	3/8" - 16 x 1 1/4" Plow Bolt (34 used)
37	WCT0000375	3/8" Cutwasher (31 used)
38	SCC0030001	3/8" - 16 x 3/4" NC Cap Screw (31 used)
39	WLK0000375	3/8" Lockwasher (81 used)
40	NCH0000375	3/8" - 16 NC Hex Nut (81 used)
41	NFH0001032	10-32 UNF Hex Nut (2 used)
42	SMR1032075	10-32 x 3/4" Round Head Screw (2 used)
43	WLK0000100	#10 Lockwasher
44	WLK0000125	1 1/4" Lockwasher

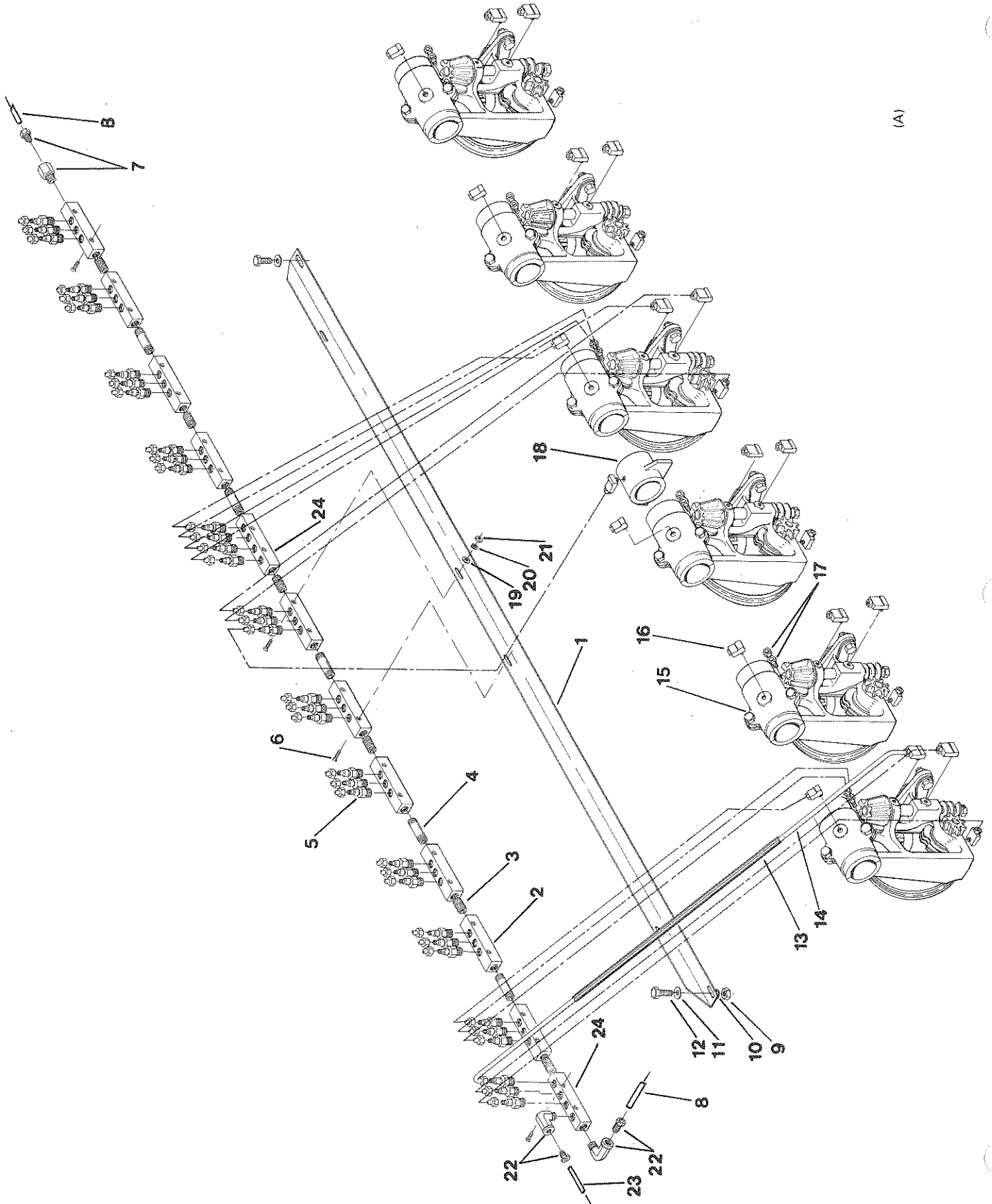
TWINE BOX and BRACKET



TWINE BOX and BRACKET

REF. NO.	PART NO.	DESCRIPTION
1	BOX0015845	L.H. Twine Box
	BOX0015846	R.H. Twine Box
2	DOR1583700	L.H. Twine Box Door
	DOR1583701	R.H. Twine Box Door
3	SCC0020002	$\frac{5}{16}$ " $\times$ 1" NC Cap Screw (3 used)
4	LTH1584700	L.H. Twine Box Door Latch
	LTH1584701	R.H. Twine Box Door Latch
5	BSH0015842	Latch Guide Bushing (4 used)
6	WCT0000313	$\frac{5}{16}$ " Cutwasher (4 used)
7	F 0001007	Control Knob
8	SCC0020003	$\frac{5}{16}$ " $\times$ 1 $\frac{1}{4}$ " NC Cap Screw
9	NCH0000313	$\frac{5}{16}$ " NC Hex Nut (22 used)
10	NCE0000313	$\frac{5}{16}$ " NC ESNA Hex Nut (3 used)
11	F 0000278	Spring
12	SCC0010000	$\frac{1}{4}$ " $\times$ $\frac{1}{2}$ " NC Cap Screw
13	ANC0015843	Door Latch Spring Anchor
14	WLK0000250	$\frac{1}{4}$ " Lockwasher (8 used)
15	NCH0000250	$\frac{1}{4}$ " NC Hex Nut (8 used)
16	RIV0000604	$\frac{3}{16}$ " $\times$ $\frac{1}{4}$ " Stainless Steel Rivot
17	SMR0001001	$\frac{1}{4}$ " $\times$ $\frac{3}{4}$ " NC Machine Screw R.H. (26 used)
18	RET0015844	Twine Retainer (9 used)
19	NCC0002500	$\frac{1}{4}$ " Aveco Cage Nut (8 used)
20	CRB3130750	$\frac{3}{16}$ " $\times$ $\frac{3}{4}$ " NC Carriage Bolt (20 used)
21	F 0000857	Snap Ring (3 used)
22	SCC0010002	$\frac{1}{4}$ " $\times$ 1" NC Cap Screw (6 used)
23	BSH0015841	Door Latch Bushing
24	F 0000856	Bushing Twine Guide (3 used)
25	WLK0000313	$\frac{5}{16}$ " Lockwasher (19 used)
26	SPC0016465	Twine Guide Cover Spacer (3 used)
27	CVR0016464	Twine Guide Cover (3 used)
28	WCT0000250	$\frac{1}{4}$ " Cutwasher (6 used)
29	NCE0000250	$\frac{1}{4}$ " NC ESNA Nut (6 used)
30	SUP0015806	L.H. Front Twine Box Support
	SUP0015861	R.H. Front Twine Box Support
31	SUP0015814	L.H. Rear Twine Box Support
	SUP0016168	R.H. Rear Twine Box Support
32	SCC0050002	$\frac{1}{2}$ " $\times$ 1" NC Cap Screw (16 used)
33	WLK0005000	$\frac{1}{2}$ " Lockwasher (16 used)
34	SMS0000206	$\frac{1}{4}$ " $\times$ $\frac{3}{4}$ " NC Whiz Bolt (4 used)
35	NMS0000250	$\frac{1}{4}$ " NC Whiz Nut (4 used)
36	SCC0010000	$\frac{1}{4}$ " $\times$ $\frac{1}{2}$ " NC Cap Screw (2 used)
37	MNT0015891	Control Box Front Mount
38	MNT0015892	Control Box Rear Mount
39	MNT0016831	Fan Control Box Mount
40	CVR0015840	Filter Access Cover
41	SCC0030002	$\frac{3}{8}$ " $\times$ 1" Cap Screw (6 used)
42	WCT0000375	$\frac{3}{8}$ " Cutwasher (6 used)
43	WLK0000375	$\frac{3}{8}$ " Lockwasher (6 used)
44	NCH0000375	$\frac{3}{8}$ " NC Hex Nut (6 used)

KNOTTER LUBER SYSTEM (Serial - 0014)

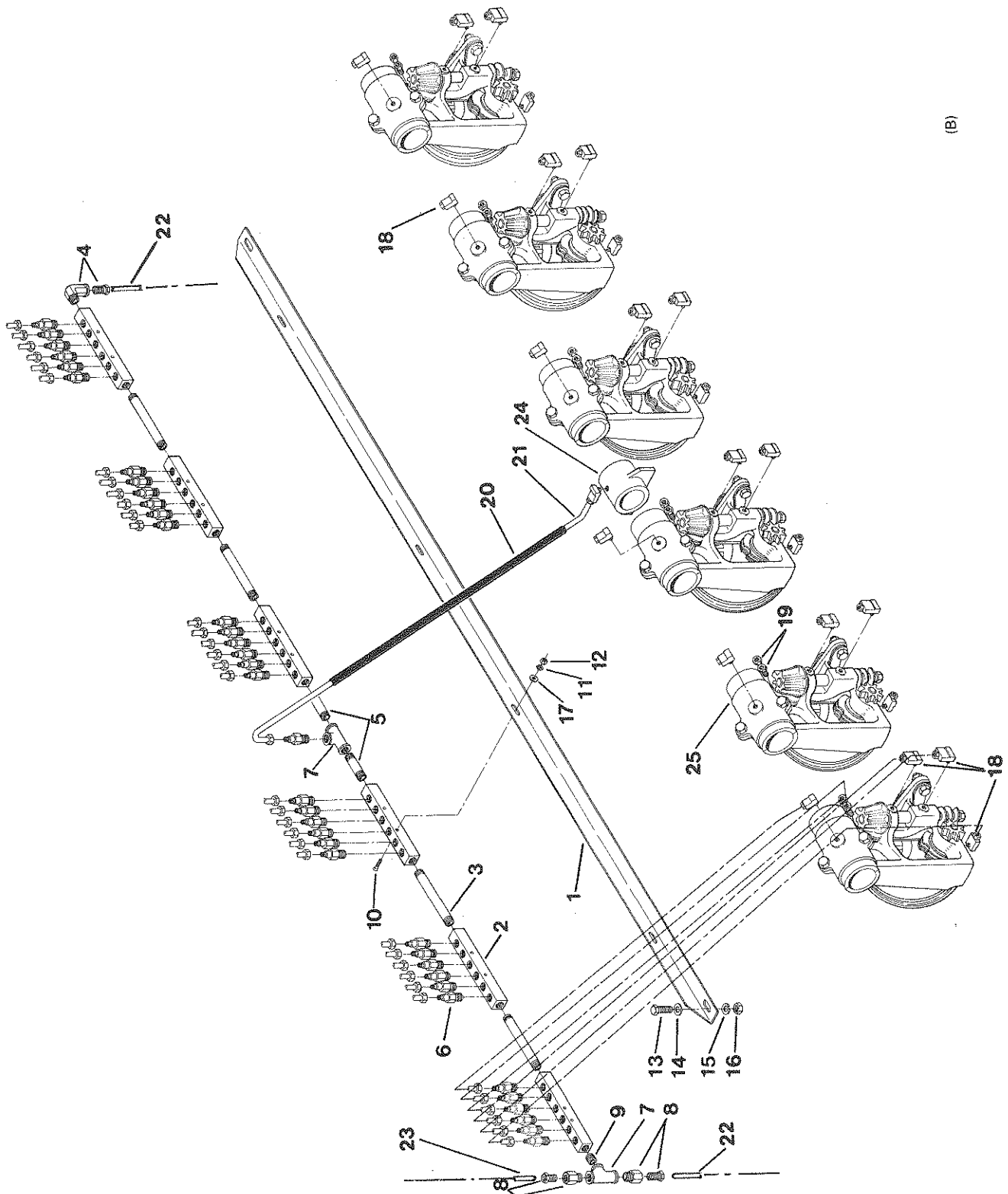


(A)

KNOTTER LUBER SYSTEM (Serial – 0014)

REF. NO.	PART NO.	DESCRIPTION
	LUB0015680	Knotter Luber Assembly
1	MNT0015681	Mount Bracket
2	LUB0381723	Luber Valve Block (10 used)
3	PPE0000125	1/8" NPT Black Pipe (6 used)
4	PPE1250150	1/8" x 1 1/2" NPT Black Pipe (5 used)
5	F 0008284	381726-3 Valve (37 used)
6	SMR1032125	10-32 x 1 1/4" Machine Screw (4 used)
7	F 0000778	1/4" Straight Connector
8	TBE0002509	1/4" x 9' Nylon Tubing (2 used)
	SLV0002509	1/4" x 9' Cover For 1/4" Tubing (2 used)
9	NCH0000313	5/16" NC Hex Nut (2 used)
10	WLK0000313	5/16" Lockwasher (2 used)
11	WCT0000313	5/16" Cutwasher (2 used)
12	SCC0020002	5/16"-18 x 1" NC Cap Screw (7 used)
13	F 0007400	1/8" x 3" Nylon Tubing (37 used)
14	F 0008291	1/8" x 3" Cover For 1/8" Tubing (37 used)
15	KNT0006003	Split Knotter Frame Complete (6 used)
16	F 0008288	90° Fitting 66716 (37 used)
17	F 0008287	Straight Fitting 66714 (12 used)
18	BRG0015394	Knotter Shaft Center Bearing
19	WCT0001032	10-32 Cutwasher (4 used)
20	WLK0000100	10# Lockwasher (4 used)
21	NFH0010320	10-32 NF Hex Nut (4 used)
22	F 0001441	1/8" x 1/4" 90° Elbow (2 used)
23	TBE0002501	1/4" x 1" Nylon Tubing (37 used)
	SLV0002501	1/4" x 1" Cover For 1/4" Tubing (37 used)
	F 0008290	Nylon Tie Stop (37 Used)
24	LUB0381724	Luber Valve Block (2 used)

KNOTTER LUBER SYSTEM (Serial + 0015)

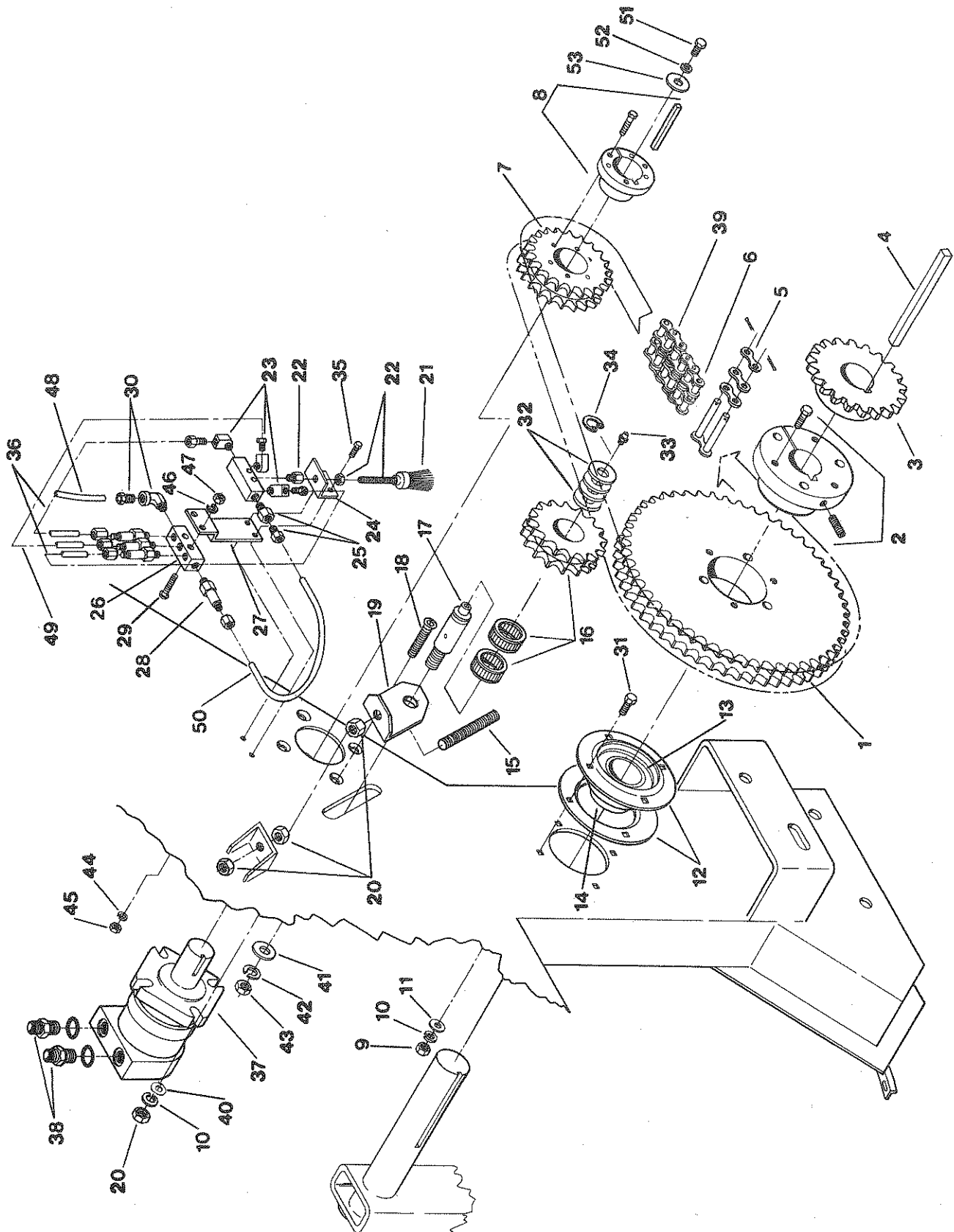


(B)

KNOTTER LUBER SYSTEM
(Serial + 0015)

REF. NO.	PART NO.	DESCRIPTION
	LUB0017277	Luber Manifold Assembly
1	BKT0017278	Luber Manifold Bracket
2	LUB0017279	Luber Valve Block (6 used)
3	PPE1250350	1/8" NPT x 3 1/2" Pipe Nipple (4 used)
4	F 0001441	1/8" x 1/4" 90° Elbow
5	PPE1250150	1/8" NPT x 1 1/2" Pipe Nipple (2 used)
6	F 0008284	Valve 381726-3 (37 used)
7	PPE0040125	1/8" NPT Female Pipe Tee (2 used)
8	F 0000778	88L1304x02 Connector (2 used)
9	PPE0000125	1/8" NPT x Close Pipe Nipple
10	SMR1032125	10-32 x 1 1/4" Machine Screw (4 used)
11	WLK0000100	10# Lockwasher (4 used)
12	NFH0010320	10-32 NF Hex Nut (4 used)
13	SCC0020002	5/16"-18 x 1" Cap Screw (2 used)
14	WCT0000313	5/16" Cutwasher (2 used)
15	WLK0000313	5/16" Lockwasher (2 used)
16	NCH0000313	5/16"-18 Hex Nut (2 used)
17	WCT0010320	10-32 Cutwasher
18	F 0008288	90° Fitting 66716 (36 used)
19	F 0008287	Straight Fitting 66714 (12 used)
20	F 0008291	Cover For 1/8" Tubing 3' (36 used)
21	F 0007400	1/8" Nylon Tubing 3' (36 used)
	F 0008290	Nylon Tie Strap (36 used)
22	TBE0002509	1/4" Nylon Tubing 9' (2 used)
	SLV0002509	Cover For 1/4" Tubing 9' (2 used)
23	TBE0002501	1/4" Nylon Tubing 1'
	SLV0002501	Cover For 1/4" Tubing
24	BRG0015394	Knotter Shaft Center Bearing
25	KNT0006003	Split Knotter Frame Complete (6 used)

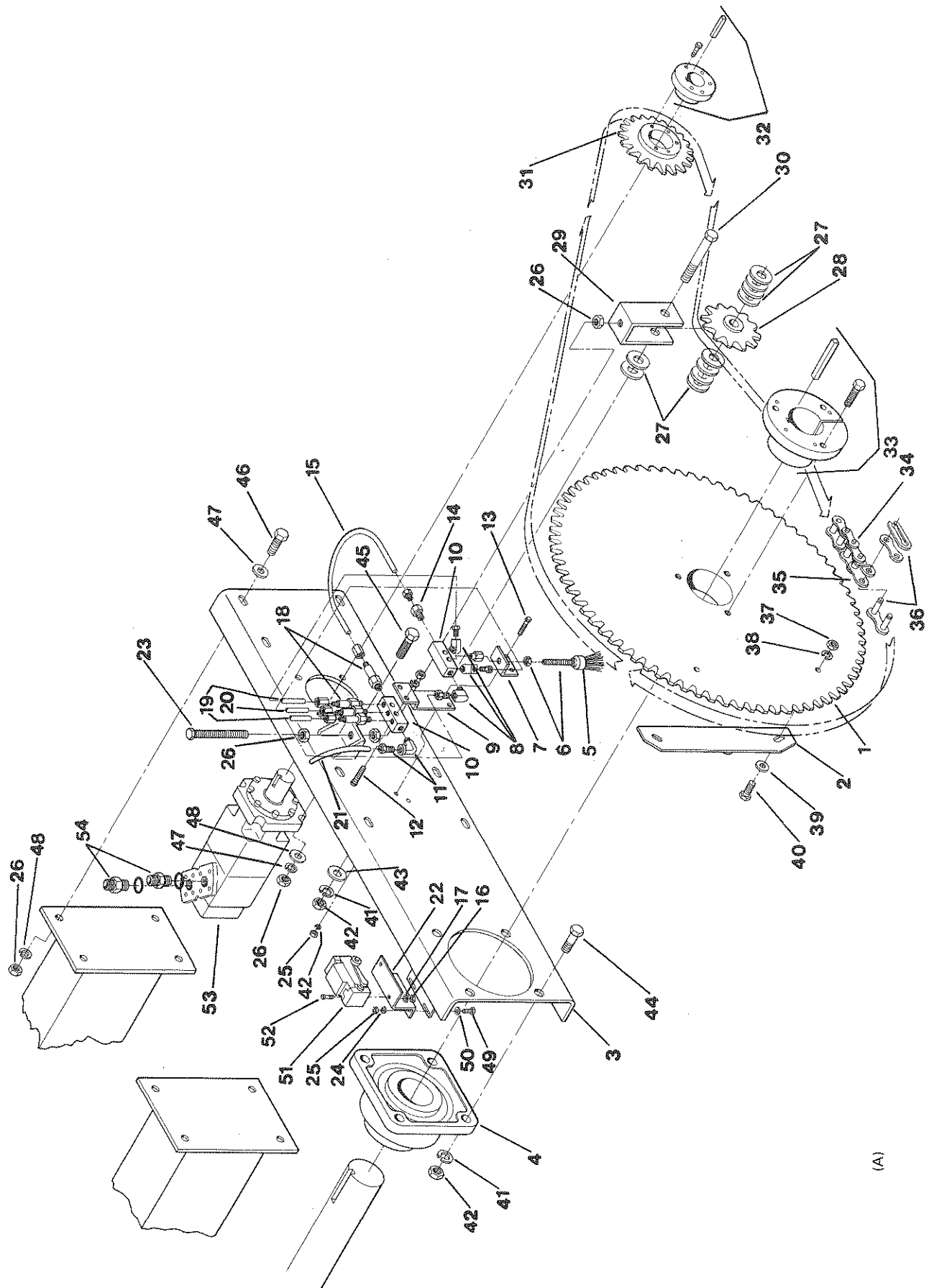
1ST FEEDER DRIVE LUBER SYSTEM



1ST FEEDER DRIVE LUBER SYSTEM

REF. NO.	PART NO.	DESCRIPTION
1	SPK0006052	Sprocket 60-52
2	BSH0200000	2" Bore Bushing
3	SPK0602207	Sprocket
4	ZZ 0000458	1/2" x 1/2" x 4 1/2" Key Stock
5	CNK0000604	#60 D Connecting Link
6	OFL0000111	#60 D Offset Link (3 used)
7	SPK0060022	Sprocket
8	BSH0010125	1 1/4" Bushing
9	NFH0000500	1/2" NF Hex Nut (4 used)
10	WLK0000500	1/2" Lockwasher (8 used)
11	WCT0000500	1/2" Cutwasher (4 used)
12	BRG0002001	Bearing Flangette (2 used)
13	BRG0020001	2" Bearing
14	BRG0002002	2" Lockcollar
15	ROD0017217	Takeup Adjustment Rod
16	SPK0061700	Sprocket
17	SHF0017363	1ST Feeder Drive Idler Shaft
18	SCO0000505	1/2" x 1 3/4" NC Flat Head Socket (4 used)
19	BKT0017367	Chain Tightener Bracket
20	NCH0000500	1/2" NC Hex Nut (7 used)
21	BRU0009551	1" Round Nylon Brush
22	VLV0009540	Adaptor For Brush
23	ELB00066414	1/8" Elbow (3 used)
24	MNT0015754	Chain Luber Brush Mount
25	CNR0066415	Straight Tube Connector
26	LUB0017303	1ST Feeder Luber Valve Manifold Block (2 used)
27	MNT0015753	Chain Luber Valve Mount
28	LUB0387261	Valve Luber (4 used)
29	SMR1032100	10-32 NF Machine Screw R.H. (2 used)
30	F 0001441	1/4" x 1/8" Elbow
31	SFC0050004	1/2" x 1 1/2" NF Cap Screw (4 used)
32	ZZ 0000219	1" ID x 2" OD x 14 GA Machine Bushing
	ZZ 0000218	1" ID x 2" OD x 10 GA Machine Bushing (As needed)
33	ZZ 0000116	1/4"-28 Straight Zerk Fitting
34	RNG5100100	Snap Ring
35	SCC0010002	1/4" x NC Cap Screw (2 used)
36	NYL0001150	1/8" x 11 1/2" Nylon Tubing
37	MTR0013360	Motor 1ST Feeder
38	HYD5315065	3/4" x 5/8" Straight Connector (2 used)
39	CHN0006084	#60 x 84 Pitch Double Chain
40	WAS0000104	1/4" Structural Washer (4 used)
41	WCT0000750	3/4" Cutwasher
42	WLK0000750	3/4" Lockwasher
43	NFC0000750	3/4" NF Hex Nut
44	WLK0000250	1/4" Lockwasher (2 used)
45	NCH0000250	1/4" NC Hex Nut (2 used)
46	WLK0000100	#10 Lockwasher (2 used)
47	NFH0001032	10-32 NF Hex Nut (2 used)
48	TBE0002509	1/4" x 9' Nylon Tubing
49	NYL0008250	1/4" x 8 1/4" Nylon Tubing
50	NYL0006125	1/8" x 6 1/8" Nylon Tubing
51	SCC0030001	3/8" x 3/4" NC Cap Screw
52	WLK0000375	3/8" Lockwasher
53	WCT0000375	3/8" Cutwasher

FEED FORK DRIVE LUBER SYSTEM (Serial - 0014)

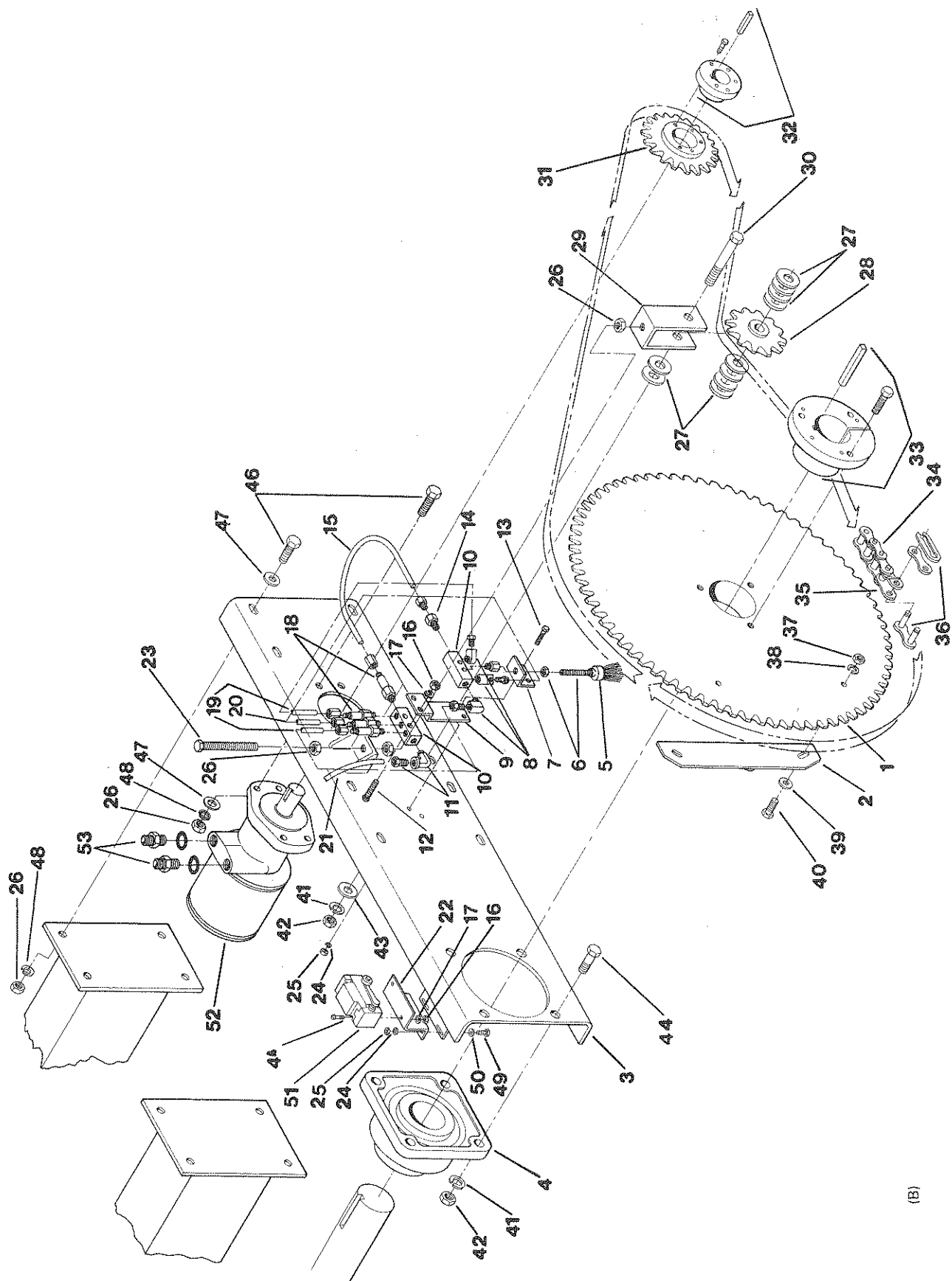


(A)

FEED FORK DRIVE LUBER SYSTEM (Serial - 0014)

REF. NO.	PART NO.	DESCRIPTION
1	SPK0015701	Feed Fork Drive Sprocket
2	CAM0013897	Feeder Switch Cam
3	MNT0016331	Feed fork Motor and Bearing Mount
4	BRG0268750	2 11/16" Bearing
5	BRU0009551	1" Round Nylon Brush
6	VLV0009540	Adaptor for Brush
7	MNT0015754	Chain Luber Mount
8	ELB0066414	1/4" Elbow (3 used)
9	MNT0015753	Chain Luber Valve Mount
10	LUB0017303	Luber Valve Manifold Block (2 used)
11	F 0001441	1/4" x 1/8" Elbow
12	SMR1032100	10-32 x 1" NF R.H. Machine Screw (2 used)
13	SCC0010002	1/4" x 1" NC Cap Screw (2 used)
14	CNR0066415	1/8" Straight Tube Connector
15	NYL0006125	1/8" x 6 1/8" Nylon Tubing
16	NFH0001032	1032 NF Hex Nut (4 used)
17	WLK0000100	#10 Lockwasher (4 used)
18	LUB0387261	Valve Luber (4 used)
19	NYL0001150	1/8" x 11 1/2" Nylon Tubing (2 used)
20	NYL0008250	1/8" x 8 1/4" Nylon Tubing
21	TBE0002509	1/4" x 9' Nylon Tubing
22	BKT0017448	Feeder Switch Bracket
23	ROD0015719	Chain Tightener Adjustment Rod
24	WLK0000250	1/4" Lockwasher (4 used)
25	NCH0000250	1/4" NC Hex Nut (4 used)
26	NCH0000500	1/2" NC Hex Nut (15 used)
27	WAS0000139	3/4" SAE Flat Washer (As needed)
28	SPK128012S	Sprocket
29	BKT0015716	Chain Tightener Bracket
30	SCC0080014	3/4" x 4" NC Cap Screw
31	SPK0080140	Sprocket
32	BSH0010125	1 1/4" Bushing
33	BSH0026875	2 11/16" Bushing
34	CHN0008096	Chain #80 x 96 Pitch
35	OFL0000102	#80 Offset Link (2 used)
36	CNK0000801	#80 Connecting Link
37	NCH0000313	5/16" NC Hex Nut (2 used)
38	WLK0000313	5/16" Lockwasher (2 used)
39	WCT0000313	5/16" Cutwasher (2 used)
40	SCC0020003	5/16" x 1 1/4" NC Cap Screw (2 used)
41	WLK0000750	3/4" Lockwasher (5 used)
42	NCH0000750	3/4" NC Cap Screw (5 used)
43	WCT0000750	3/4" Cutwasher
44	SCC0080006	3/4" x 2" NC Cap Screw
45	SCC0050007	1/2" x 2 1/4" NC Cap Screw (4 used)
46	SCC0050005	1/2" x 1 3/4" NC Cap Screw (8 used)
47	WCT0000500	1/2" Cutwasher (8 used)
48	WLK0000500	1/2" Lockwasher (8 used)
49	SCC0010001	1/4" x 3/4" NC Hex Nut (2 used)
50	WCT0000250	1/4" Cutwasher (2 used)
51	ELC0005079	L-S2 Limit Switch
52	SMR1032150	10-32 x 1 1/2" NF RH Machine Screw (2 used)
53	MTR1091105	Motor 4000 HP
54	HYD5315065	5/8" x 3/4" Straight "O" Ring Connector (2 used)

FEED FORK DRIVE LUBER SYSTEM (Serial +0015)

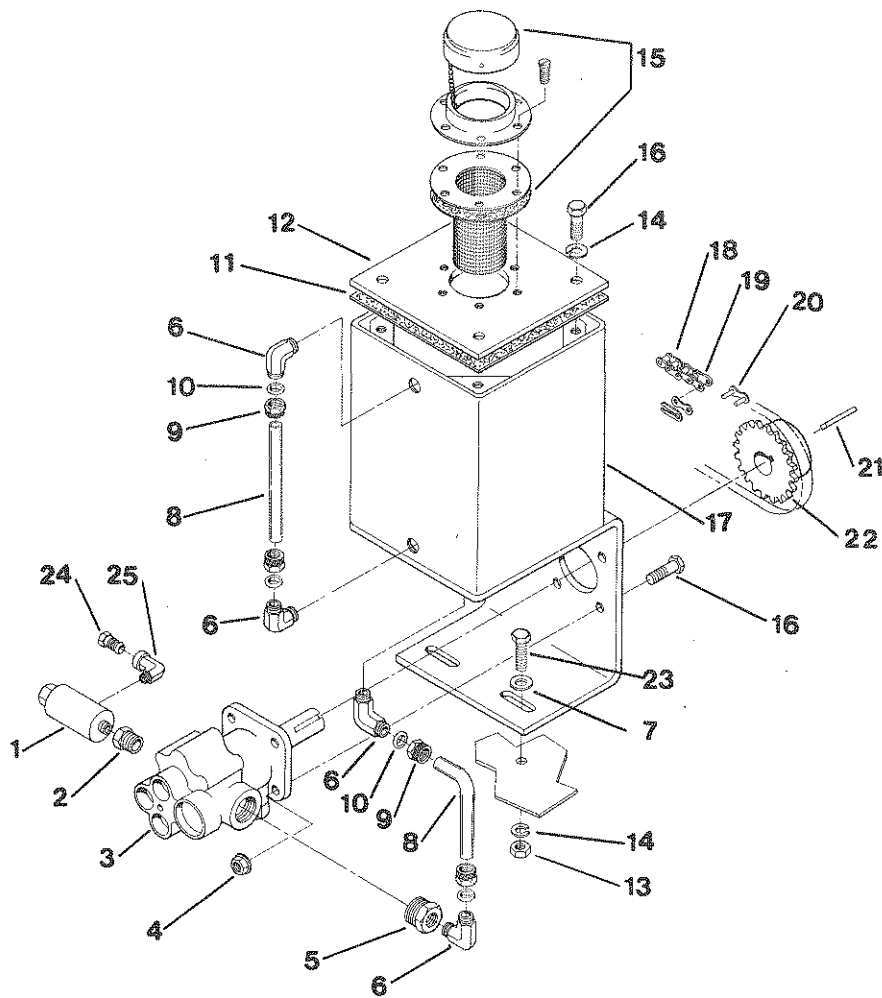


(B)

FEED FORK DRIVE LUBER SYSTEM (Serial +0015)

REF. NO.	PART NO.	DESCRIPTION
1	SPK0015701	Feed Fork Drive Sprocket
2	CAM0013897	Feeder Switch Cam
3	MNT0017407	Feed Fork Motor and Bearing Mount
4	BRG0268750	2 1 ¹ / ₁₆ " Bearing
5	BRU0009551	1" Round Nylon Brush
6	VLV0009540	Adaptor for Brush
7	MNT0015754	Chain Luber Brush Mount
8	ELB0066414	1 ¹ / ₈ " Elbow (3 used)
9	MNT0015753	Chain Luber Valve Mount
10	LUB0017303	Luber Valve Manifold Block
11	F 0001441	1 ¹ / ₄ " x 1 ¹ / ₈ " Elbow
12	SMR1032100	10-32 x 1" NF RH Machine Screw (2 used)
13	SCC0010002	1 ¹ / ₄ " x 1" NC Cap Screw (2 used)
14	CNR0066415	1 ¹ / ₈ " Straight Tube Connector
15	NYL0006125	1 ¹ / ₈ " x 6 ¹ / ₈ " Nylon Tubing
16	NFH0001032	10-32 NF Hex Nut (4 used)
17	WLK0000100	#10 Lockwasher (4 used)
18	LUB0387261	Valve Luber (4 used)
19	NYL0001150	1 ¹ / ₈ " x 11 ¹ / ₂ " Nylon Tubing (2 used)
20	NYL0008250	1 ¹ / ₈ " x 8 ¹ / ₄ " Nylon Tubing
21	TBE0002509	1 ¹ / ₄ " x 9' Nylon Tubing
22	BKT0017448	Feeder Switch
23	ROD0015719	Chain Tightener Adjustment Rod
24	WLK0000250	1 ¹ / ₄ " Lockwasher (4 used)
25	NCH0000250	1 ¹ / ₄ " NC Hex Nut (4 used)
26	NCH0000500	1 ¹ / ₂ " NC Hex Nut (15 used)
27	WAS0000139	3 ¹ / ₄ " SAE Flat Washer (As needed)
28	SPK128012S	Sprocket
29	BKT0015716	Chain Tightener Bracket
30	SCC0080014	3 ¹ / ₄ " x 4" NC Cap Screw
31	SPK0080180	Sprocket
32	BSH0010150	1 ¹ / ₄ " Bushing
33	BSH0026875	2 1 ¹ / ₁₆ " Bushing
34	CHN0008098	Chain #80 x 98 Pitch
35	OFL0000102	#80 Offset Link (2 used)
36	CNK0000801	#80 Connecting Link
37	NCH0000313	5 ¹ / ₁₆ " NC Cap Screw (2 used)
38	WLK0000313	5 ¹ / ₁₆ " Lockwasher (2 used)
39	WCT0000313	5 ¹ / ₁₆ " Cutwasher (2 used)
40	SCC0020003	5 ¹ / ₁₆ " x 1 ¹ / ₄ " NC Cap Screw (2 used)
41	WLK0000750	3 ¹ / ₄ " Lockwasher (5 used)
42	NCH0000750	3 ¹ / ₄ " NC Hex Nut (5 used)
43	WCT0000750	3 ¹ / ₄ " Cutwasher
44	SCC0080006	3 ¹ / ₄ " x 2" NC Cap Screw (4 used)
45	SMR1032150	10-32 x 1 ¹ / ₂ " NF RH Machine Screw (2 used)
46	SCC0050005	1 ¹ / ₂ " x 1 ³ / ₄ " NC Cap Screw (12 used)
47	WCT0000500	1 ¹ / ₂ " Cutwasher (8 used)
48	WLK0000500	1 ¹ / ₂ " Lockwasher (8 used)
49	SCC0010001	1 ¹ / ₄ " x 3 ¹ / ₄ " NC Cap Screw (2 used)
50	WCT0000250	1 ¹ / ₄ " Cutwasher (2 used)
51	ELC0005079	L-S2 Limit Switch
52	MTR0024049	Motor
53	HYD5315065	5 ¹ / ₈ " x 3 ¹ / ₄ " Straight "O" Ring (2 used)

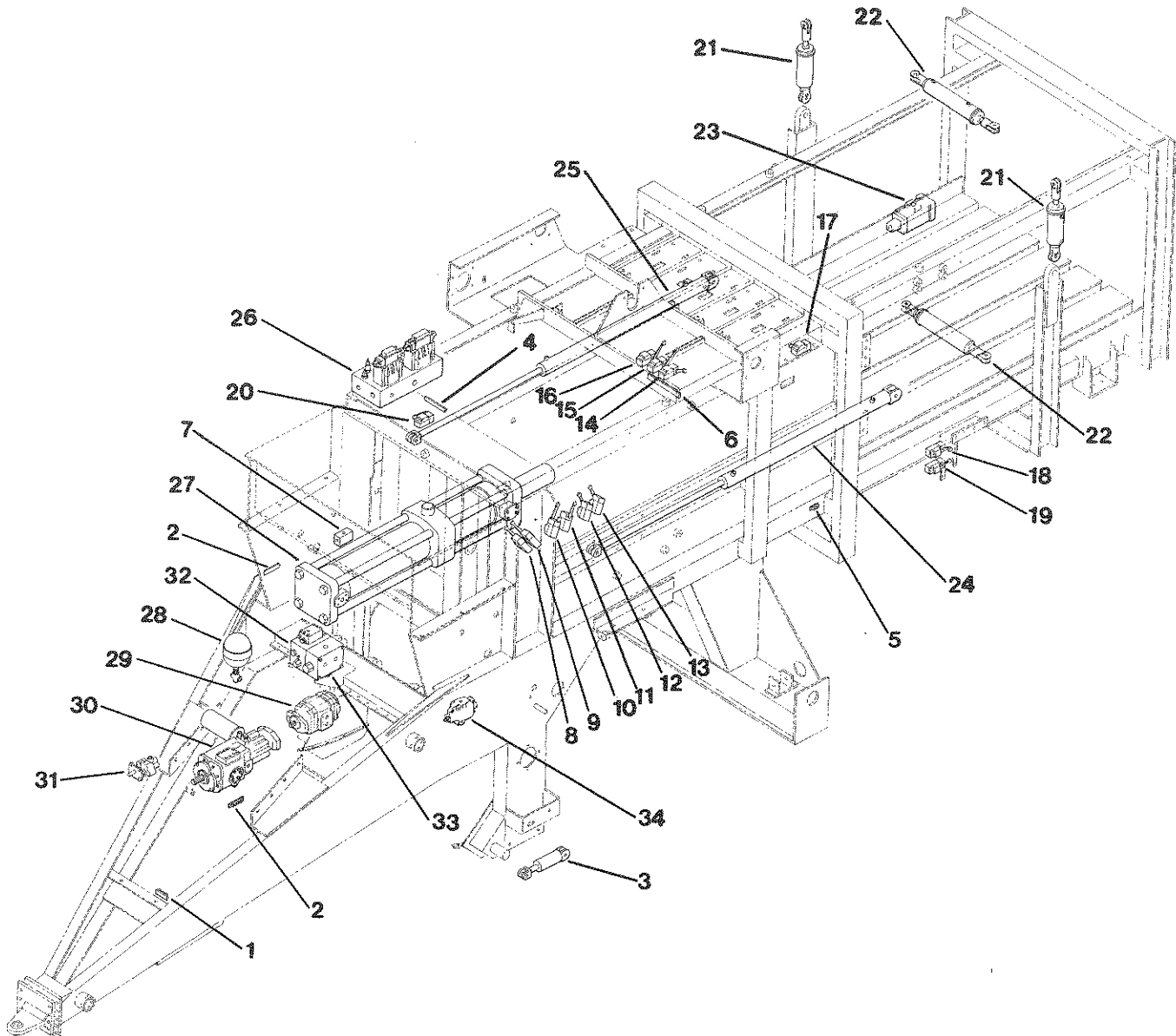
LUBER TANK



LUBER TANK

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 0008207	Filter 382050B1	13	NCH0000375	$\frac{3}{8}$ " NC Hex Nut (2 used)
	F 0008208	Filter Element	14	WLK0000375	$\frac{3}{8}$ " Lockwasher (6 used)
2	01-736	$\frac{3}{8}$ " $\times$ $\frac{1}{8}$ " Reducer Bushing	15	FIL0010003	Filler Cap Assembly
3	F 0008200	Pump	16	SCC0020003	$\frac{5}{16}$ " $\times$ $1\frac{1}{4}$ " NC Cap Screw (8 used)
4	NMS0000117	$\frac{5}{16}$ " NC Whiz Nut (4 used)	17	F 0008196	Luber Tank and Bracket
5	PPE0500250	$\frac{1}{2}$ " $\times$ $\frac{1}{4}$ " Reducer Bushing	18	FT 0008204	Chain 93 Pitch RC 41
6	F 0008209	$\frac{3}{8}$ " $\times$ $\frac{1}{4}$ " Male Elbow 269P	19	FT 0000113	Connecting Link RC 41
7	WCT0000375	$\frac{3}{8}$ " Cutwasher (2 used)	20	FT 0000114	Offset Link RC 41
8	F 0008199	$\frac{3}{8}$ " Plastic Tubing (2 used)	21	ZZ 0000403	$\frac{1}{8}$ " $\times$ $\frac{1}{8}$ " $\times$ $1\frac{1}{2}$ " Key
9	IMP0026106	Fitting (4 used)	22	F 0008201	Sprocket, 41B15 $\times$ $\frac{9}{16}$ "
10	IMP0026006	Sleeve $\frac{3}{8}$ " (4 used)	23	SCC0030002	$\frac{3}{8}$ " $\times$ $1\frac{1}{2}$ " NC Cap Screw (2 used)
11	F 0008198	Gasket	24	F 0008312	Sleeve $\frac{1}{4}$ "
12	F 0008197	Tank Cover	25	F 0001441	$\frac{1}{4}$ " $\times$ $\frac{1}{8}$ " 90° Elbow

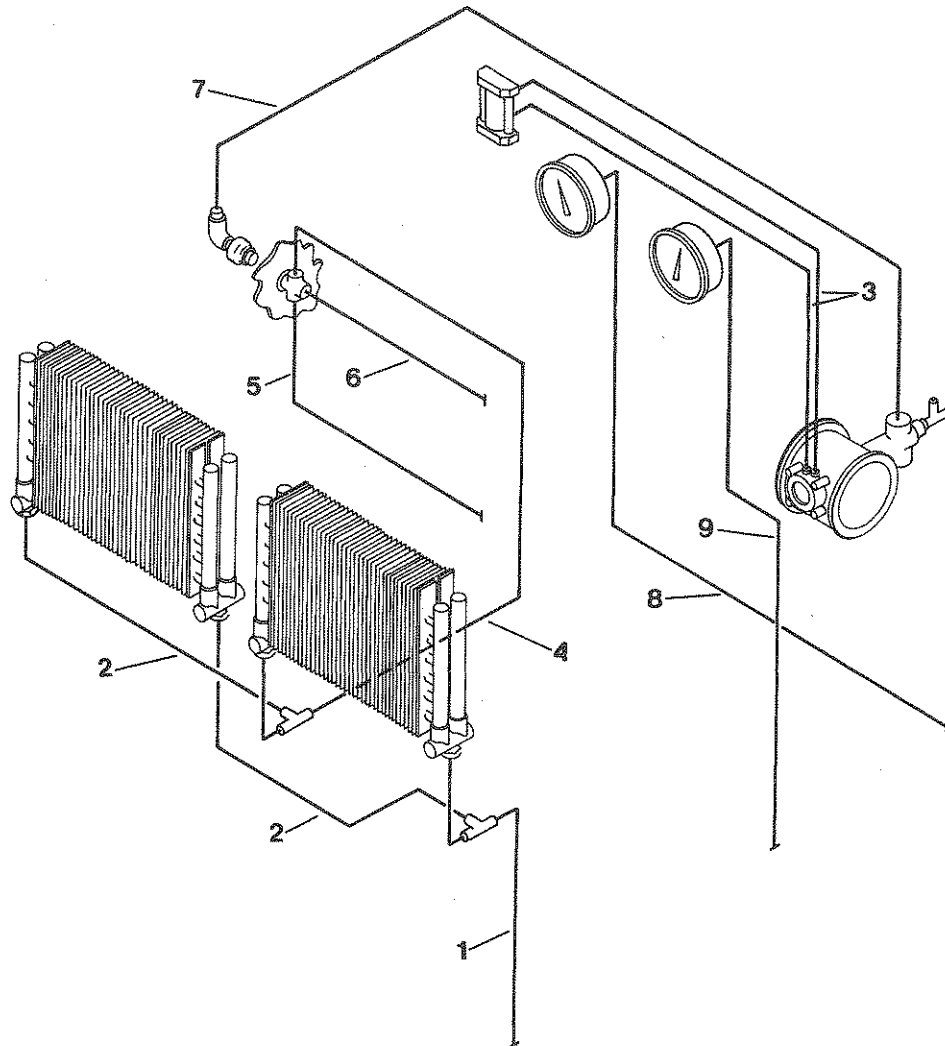
SYSTEM COMPONENT LOCATION



SYSTEM COMPONENT LOCATION

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	03-159	Terminal Block 3 Post	19	ELC0005079	Limit Switch 13
2	TEB0472105	Terminal Block 5 Post (2 used)	20	ELC0005079	Limit Switch 2
3	CYL0000205	2" x 5" Cylinder	21	CYL0000408	4" x 8" Cylinder (2 used)
4	03-161	Terminal Block 6 Post	22	CYL0003516	3 1/2" x 16" Cylinder (2 used)
5	TEB0472102	Terminal Block 2 Post	23	VLV0001504	Unloader Valve
6	TEB0472110	Terminal Block 10 Post	24	CYL1551600	L.H. Makeup Cylinder
7	VLV0001503	Tension ByPass Valve	25	CYL1551601	R.H. Makeup Cylinder
8	ELC0005079	Limit Switch 10	26	VLV0001505	Manifold Valve Serial No. -0014
9	ELC0005079	Limit Switch 9		VLV0001506	Manifold Valve Serial No. +0015
10	ELC0005079	Limit Switch 8	27	CYL0001500	Plunger Cylinder
11	ELC0005079	Limit Switch 6	28	ACM0300311	Accumulator
12	ELC0005081	Limit Switch 4	29	PMP3301972	Pump
13	ELC0005079	Limit Switch 5	30	PMP0036000	Pump
14	ELC0005079	Limit Switch 3	31	PMP0220122	Pump
15	ELC0005079	Limit Switch 12	32	VLV0001501	Primary Control Valve
16	ELC0005081	Limit Switch 1	33	VLV0001502	Secondary Control Valve
17	ELC0005079	Limit Switch 7	34	VLV0001500	First Feeder Valve
18	ELC0005081	Limit Switch 11			

OIL COOLER HYDRAULIC SCHEMATIC (Serial -0014)

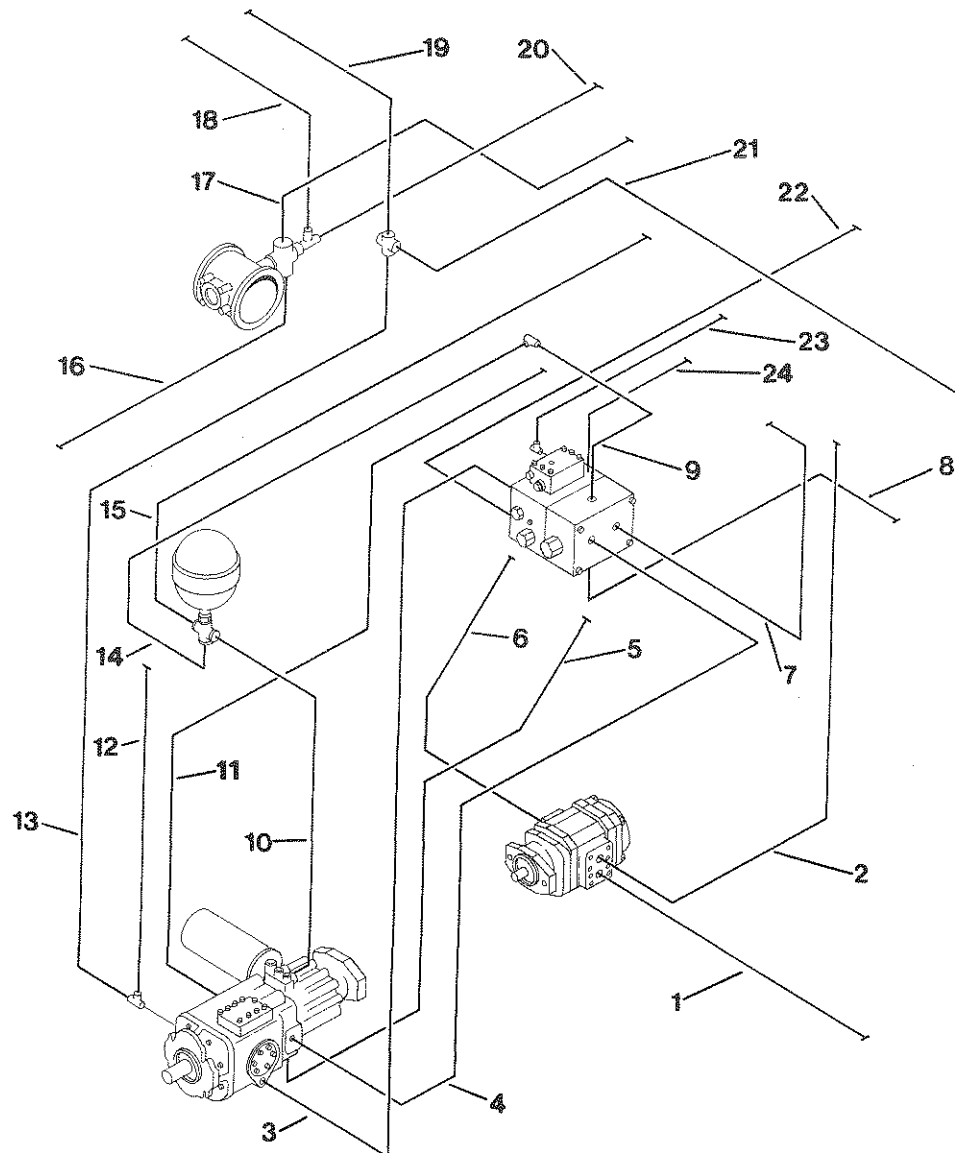


(A)

OIL COOLER HYDRAULIC SCHM. (Serial -0014)

REF. NO.	PART NO.	DESCRIPTION
1	HOS0016647	Pump Case Drain Hose
2	HOS0016636	Oil Cooler Interconnect Hose (2 used)
3	F 0008289	1/4" Nylon Tubing 28" (2 used)
	F 0008292	Cover For 1/4" Tubing (2 used)
4	HOS0016650	Oil Cooler Hose
5	HOS0016635	Pump Case Hose
6	HOS0016649	Feeder Valve Return Hose
7	HOS0016004	Oil Cooler To Filter Return Hose
8	HOS0016651	10 mm Pressure Gauge Hose
9	HOS0016653	3000 Pressure Gauge Hose

MAIN SYSTEM HYDRAULIC SCHEMATIC (Serial - 0014)

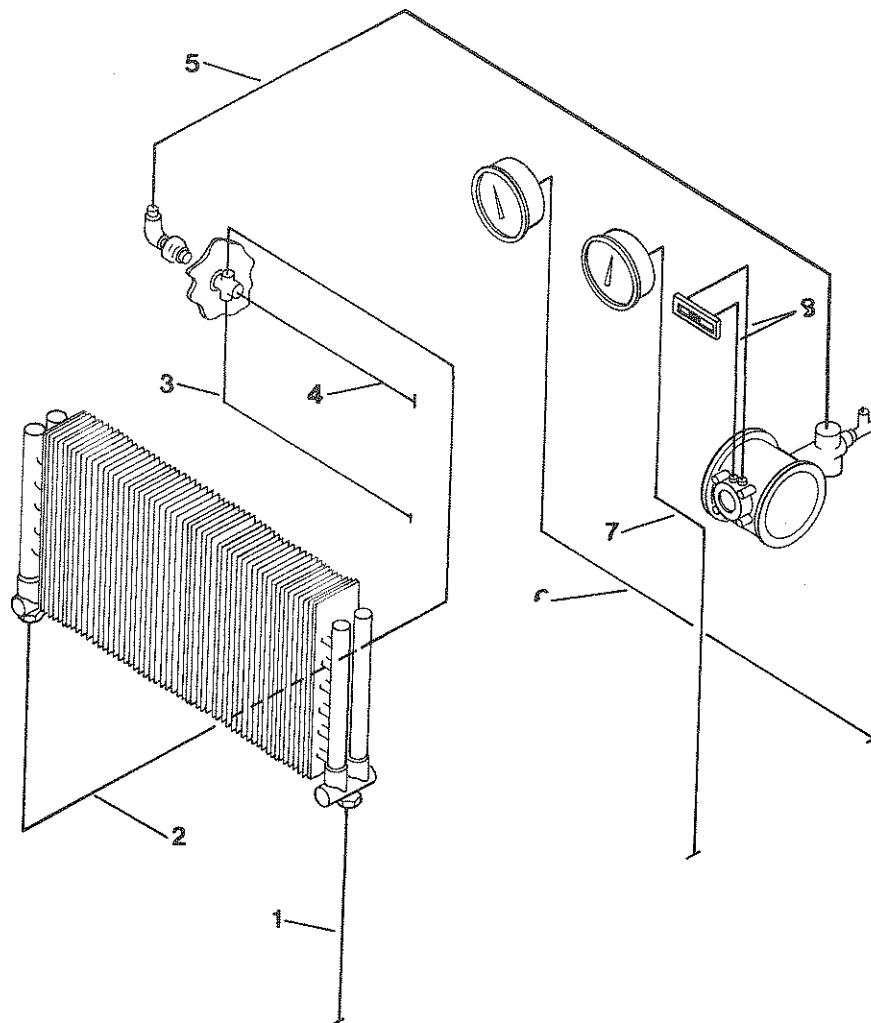


(A)

MAIN SYSTEM HYDRAULIC SCHM. (Serial - 0014)

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	HOS0015797	First Feeder Valve Pressure Hose	13	HOS0016635	Hose
2	HOS0015798	Manifold Valve Pressure Hose	14	HOS0016637	Accumulator Discharge Hose
3	HOS0016639	Main Valve Drain Hose	15	HOS0016624	Manifold Valve Pilot Hose
4	HOS0015876	Pump To Valve Hose	16	HOS0016654	Tension Pump Regulator Hose
5	HOS0016621	Pump To Tank Suction Hose	17	HOS0016004	Oil Cooler To Parker Filter Hose
6	HOS0016652	Pump Suction Hose	18	HOS0016626	Manifold Valve Drain Hose
7	HOS0015875	Plunger Cylinder Hose	19	HOS0017674	Oil Cooler To Bulkhead Tee Hose
8	HOS0016648	Makeup Cylinder Hose	20	HOS0016623	Manifold Valve To Filter Return Hose
9	HOS0016638	Makeup Cylinder Base End Hose	21	HOS0016649	Feeder Valve Return Hose
10	HOS0016646	Accumulator Charge Hose	22	HOS0015877	Plunger Cylinder Hose
11	HOS0015874	Plunger Cylinder Hose	23	HOS0017676	10 mm Pressure Gauge Hose
12	HOS0017675	Pump To Oil Cooler Hose	24	TBE0017284	Main Valve To Pilot Tube

OIL COOLER HYDRAULIC SCHEMATIC (Serial + 0015)



(B)

OIL COOLER HYDRAULIC SCHM. (Serial + 0015)

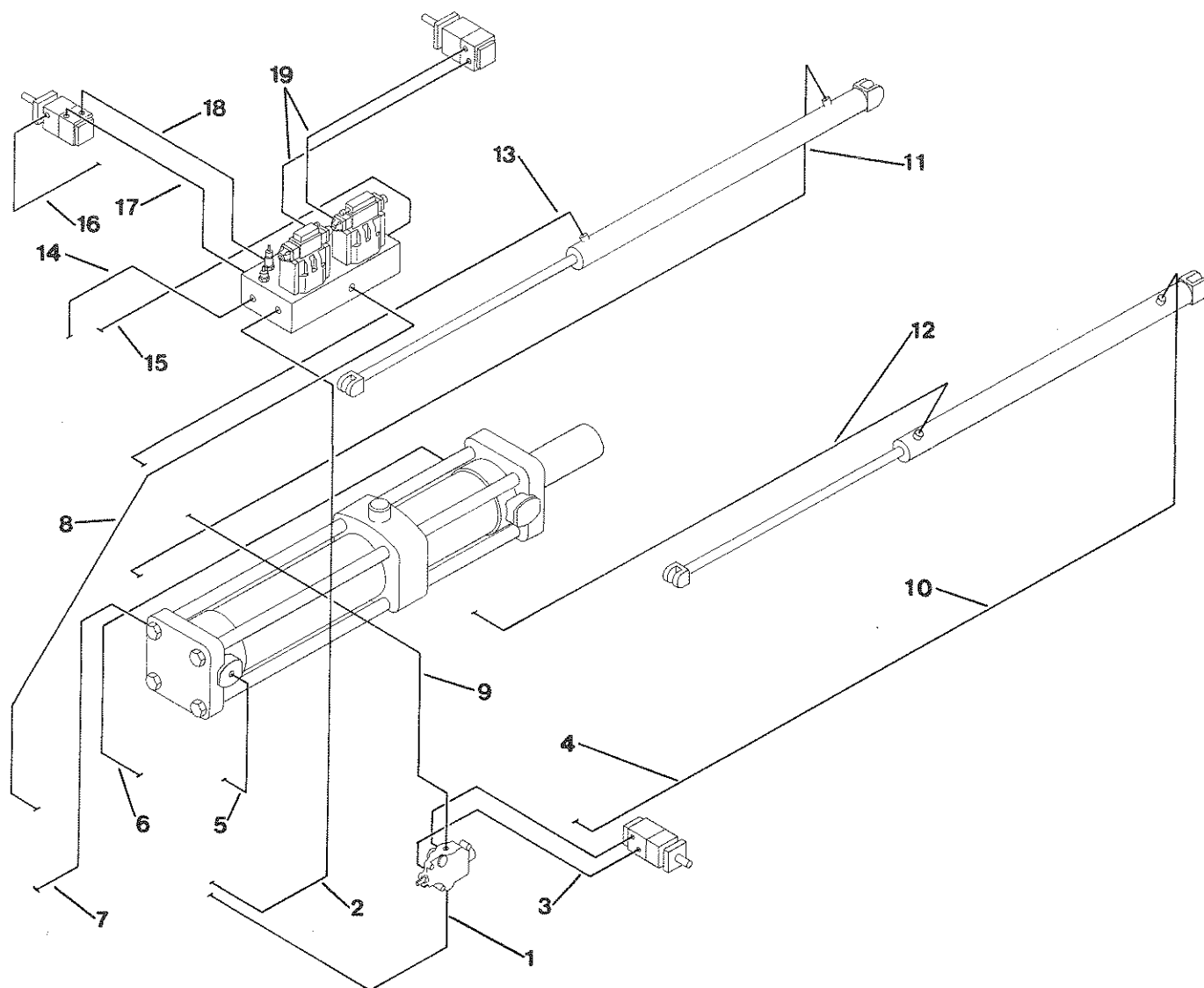
REF. NO.	PART NO.	DESCRIPTION
1	HOS0017675	Oil Cooler Inlet Hose
2	HOS0017674	Oil Cooler Hose
3	HOS0016635	Pump Hose
4	HOS0016649	Feeder Valve Return Hose
5	HOS0016004	Oil Cooler To Filter Return Hose
6	HOS0016653	3000 Pressure Gauge Hose
7	HOS0017676	10 mm Pressure Gauge Hose
8	NYL0000250	1/4" x 52" Nylon Tubing (2 used)
	SLV0001051	Cover For 1/4" Nylon Tubing

An exploded perspective view of a hydraulic system assembly. The diagram shows various components labeled with numbers from 1 to 23. Key parts include: a motor (1) at the bottom left; a pump or valve unit (2) connected to the motor; a solenoid valve (6) mounted on a manifold (9); a pressure relief valve (18) on a side panel (16); a sight glass (15) for fluid level monitoring; and various hoses (3, 4, 5, 7, 8, 10, 11, 12, 13, 14, 17, 19, 20, 21, 22, 23) connecting the different units. The entire system is housed within a frame consisting of panels 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, and 23.

MAIN SYSTEM HYDRAULIC SCHM.
(Serial + 0015)

62B

PLUNGER and FEEDER HYDRAULIC SCHEMATIC (Serial - 0014)

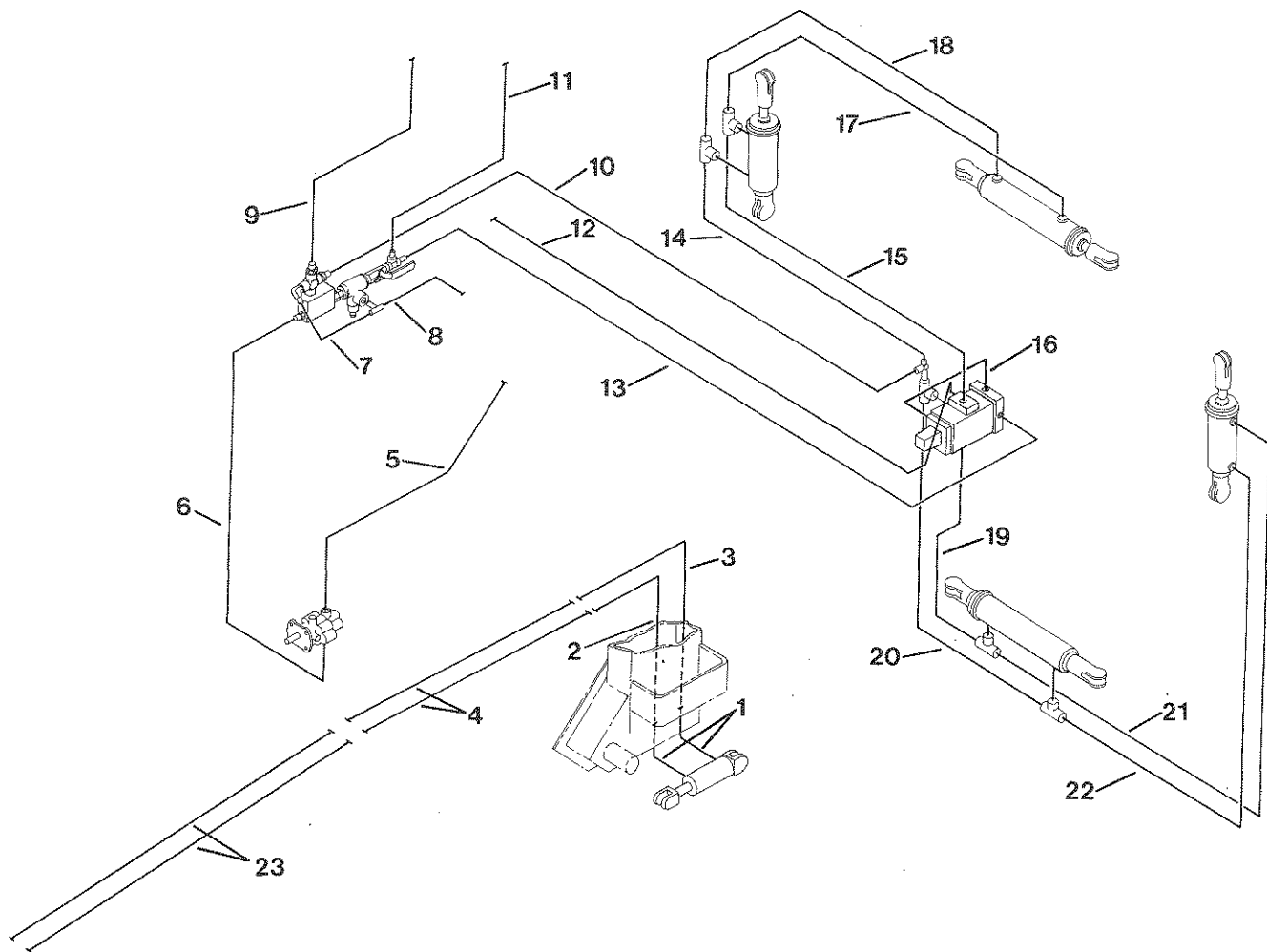


(A)

PLUNGER and FEEDER HYDRAULIC SCHM. (Serial - 0014)

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	HOS0015797	First Feeder Valve Pressure Valve	11	HOS1663201	R.H. Makeup Cylinder Hose
2	HOS0015798	Manifold Valve Pressure Hose	12	HOS1663300	L.H. Makeup Cylinder Hose
3	HOS0017456	1st Feeder Hose	13	HOS1663301	R.H. Makeup Cylinder Hose
4	HOS0017455	1st Feeder Hose	14	HOS0016626	Manifold Valve Drain Hose
5	HOS0015875	Plunger Cylinder Hose	15	HOS0016623	Manifold Valve To Filter Return Hose
6	HOS0015877	Plunger Cylinder Hose	16	HOS0016634	Feed Fork Motor Case Drain Hose
7	HOS0015874	Plunger Cylinder Hose	17	HOS0016558	Feed Fork Front Hose
8	HOS0016624	Manifold Valve Pilot Hose	18	HOS0015796	Feed Fork Hose
9	HOS0016649	Feeder Valve Return Hose	19	HOS0016631	Knottter Drive Hose
10	HOS1663200	L.H. Makeup Cylinder Hose			

TENSION CONTROL PICKUP HYDRAULIC SCHEMATIC (Serial - 0014)

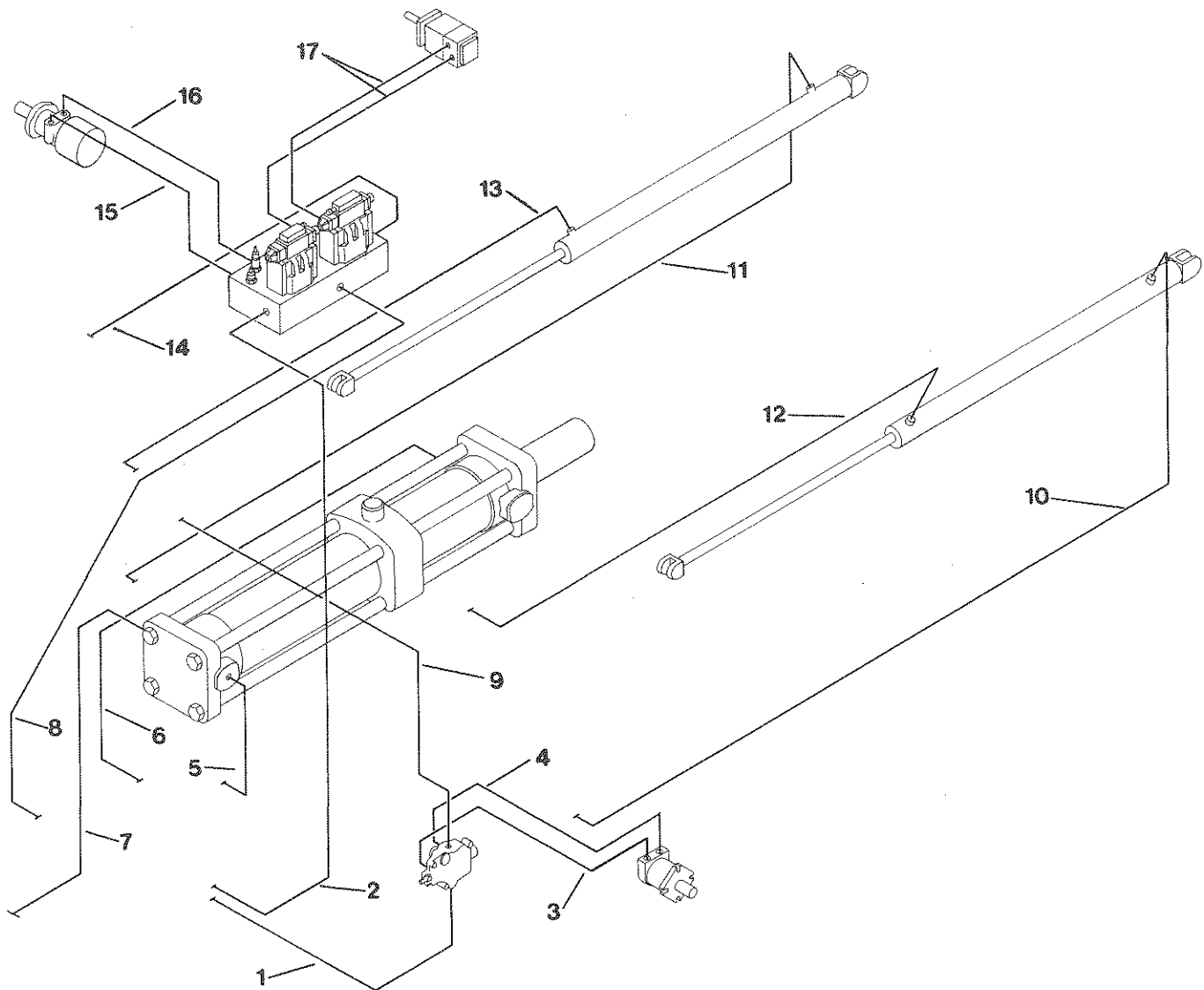


(A)

TENSION CONTROL PICKUP HYDRAULIC SCHM. (Serial - 0014)

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	HOS0016656	Pickup Cylinder Hose (2 used)	13	TBE0017291	Tension Pilot Tube
2	TBE0017287	Pickup Lift Supply Tube	14	HOS0016640	Tension Cylinder Hose
3	TBE0017288	Pickup Lift Supply Tube	15	HOS0016641	Tension Cylinder Hose
4	HOS0016625	Long Pickup Lift Supply Hose (2 used)	16	TBE0017285	Unloader Oil Transfer Tube
5	HOS0016622	Tension Pump Suction Hose	17	HOS0015761	Tension Cylinder Hose
6	HOS0016655	Tension Pump Pressure Hose	18	HOS0015762	Tension Cylinder Hose
7	TBE0017286	Regulator Valve Tube	19	HOS0016645	Tension Cylinder Hose
8	HOS0016634	Feeder Motor Drain Hose	20	HOS0016644	Tension Cylinder Hose
9	HOS0016654	Tension Regulator Hose	21	HOS0015764	Tension Cylinder Hose
10	TBE0017289	Tension Return Tube	22	HOS0015763	Tension Cylinder Hose
11	HOS0016653	3M Pressure Gauge Hose	23	HOS0016658	Pickup Lift Supply Hose
12	TBE0017290	Tension Pressure Tube			

PLUNGER and FEEDER HYDRAULIC SCHEMATIC (Serial + 0015)



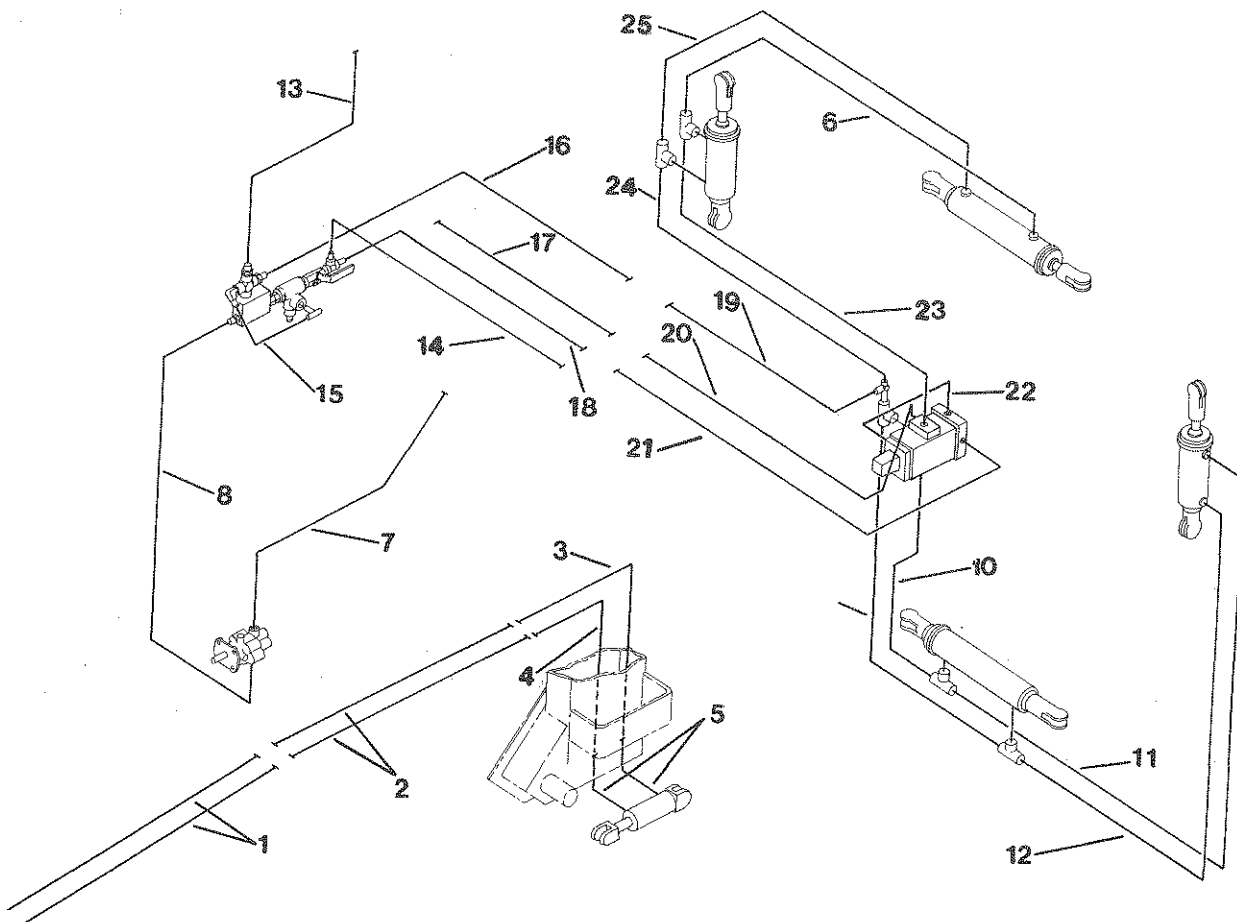
(B)

PLUNGER and FEEDER HYDRAULIC SCHM. (Serial + 0015)

REF. NO.	PART NO.	DESCRIPTION
1	HOS0015797	First Feeder Valve Pressure Hose
2	HOS0015798	Manifold Valve Pressure Hose
3	HOS0017456	1st Feeder Hose
4	HOS0017455	1st Feeder Hose
5	HOS0015875	Plunger Cylinder Hose
6	HOS0015877	Plunger Cylinder Hose
7	HOS0015874	Plunger Cylinder Hose
8	HOS0016624	Manifold Valve Pilot Hose
9	HOS0016649	Feeder Valve Return Hose

REF. NO.	PART NO.	DESCRIPTION
10	HOS1663200	L.H. Makeup Cylinder Hose
11	HOS1663201	R.H. Makeup Cylinder Hose
12	HOS1663300	L.H. Makeup Cylinder Hose
13	HOS1663301	R.H. Makeup Cylinder Hose
14	HOS0016623	Manifold Valve To Filter Return Hose
15	HOS0018086	Feed Fork Bottom Port A Hose
16	HOS0018087	Feed Fork Top Port B Hose
17	HOS0016631	Knotter Drive Hose

TENSION CONTROL PICKUP HYDRAULIC SCHEMATIC (Serial +0015)

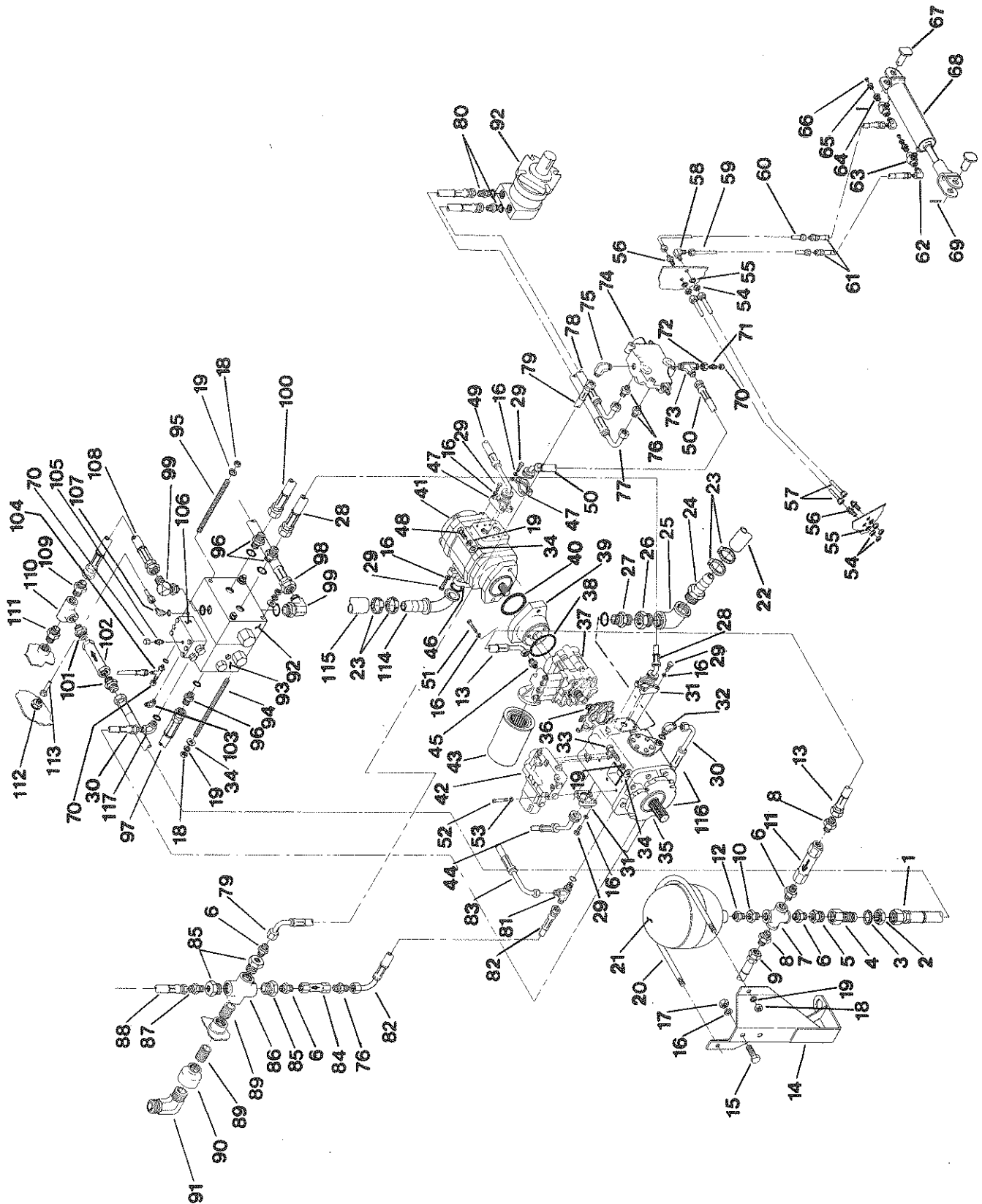


(B)

TENSION CONTROL PICKUP HYDRAULIC SCHM. (Serial +0015)

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	HOS0016658	Pickup Lift Supply Hose (2 used)	14	HOS0016653	3 mm Pressure Gauge Hose
2	HOS0016625	Long Pickup Lift Hose	15	TBE0017286	Regulator Valve Tube
3	TBE0017287	Pickup Lift Supply Hose	16	TBE0017618	Tension Return Tube
4	TBE0017288	Pickup Lift Supply Tube	17	TBE0017310	Tension Pressure Tube
5	HOS0016656	Pickup Cylinder Hose (2 used)	18	TBE0017619	Tension Pilot Tube
6	HOS0015761	Tension Cylinder Hose	19	TBE0017289	Tension Return Tube
7	HOS0016622	Tension Pump Suction Hose	20	TBE0017290	Tension Pressure Tube
8	HOS0016655	Tension Pump Pressure Hose	21	TBE0017291	Tension Pilot Tube
9	HOS0016644	Tension Cylinder Hose	22	TBE0017285	Unloader Oil Transfer Tube
10	HOS0016645	Tension Cylinder Hose	23	HOS0016641	Tension Cylinder Hose
11	HOS0015763	Tension Cylinder Hose	24	HOS0016640	Tension Cylinder Hose
12	HOS0015764	Tension Cylinder Hose	25	HOS0015762	Tension Cylinder Hose
13	HOS0016654	Tension Regulator Hose			

MAIN SYSTEM HYDRAULIC



MAIN SYSTEM

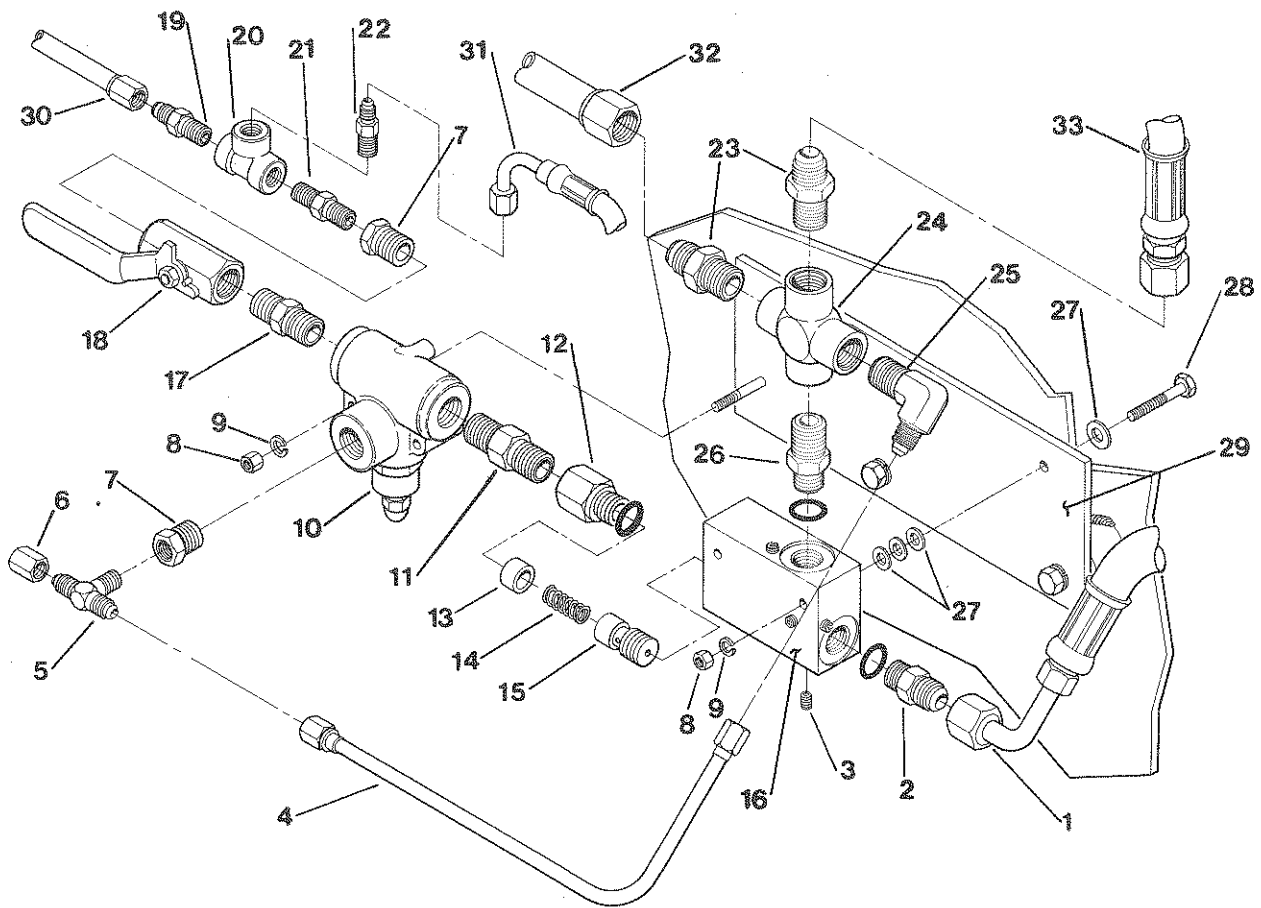
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	HOS0016637	Accumulator Discharge Hose	62	HYD3409030	3/8" x 90° Street Elbow (2 used)
2	HYD5924080	1" Bulkhead Nut	63	HYD3609030	3/8" x 3/8" Male Female Pipe Tee (2 used)
3	WIS0012500	1 1/4" Internal Star Washer	64	HYD3109032	3/8" x 1/4" Steel Pipe Bushing (2 used)
4	HYD5275080	1" Female Bulkhead Connector	65	HYD3109021	1/4" x 1/8" Bushing (2 used)
5	HYD3109076	1" x 3/4" Bushing	66	HYD0000705	1/8" Air Vent (2 used)
6	HYD3069064	1/2" x 3/4" Hex Nipple (4 used)	67	HYP FA2P	Clevis Pin (2 used)
7	HYD3959060	3/4" Steel Cross	68	CYL0000205	2" x 5" Cylinder
8	HYD5205044	1/2" x 1/2" Male Connector (2 used)	69	COT0000805	3/16" x 2" Cotter Pin (2 used)
9	HOS0016624	Valve Manifold Pilot Hose	70	HYD5129020	1/4" Cap JIC (3 used)
10	HYD3220064	1/2" x 3/4" Brass Pipe Bushing	71	HYD5015062	3/4" x 1/4" Reducer
11	F 0006657	5 LB Check Valve	72	HYD5105060	3/4" SAE 37 Nut
12	HYD3249044	1/2" Straight Male Pipe Thread Adapter	73	HYD5777060	3/4" x 3/4" Male Run Tee
13	HOS0016646	Accumulator Charge Hose	74	VLV0001500	1" Spool Valve
14	MNT0015856	Accumulator Mount	75	HYD5405060	3/4" x 90° Male Elbow
15	SCC0030002	3/8" x 1" NC Cap Screw (2 used)	76	HYD5205064	3/4" x 1/2" Male Connector JIC
16	WLK0000375	3/8" Lockwasher (21 used)	77	HOS0015795	1st Feeder Hose 32"
17	NCH0000375	3/8" NC Hex Nut (2 used)	78	HOS0015794	1st Feeder Hose 29"
18	NCH0000500	1/2" NC Hex Nut (10 used)	79	HOS0016649	Return Hose Feeder Valve
19	WLK0000500	1/2" Lockwasher (16 used)	80	HYD5315060	3/4" JIC Straight Thread Connector (2 used)
20	UBL0015860	Accumulator Mount U-Bolt	81	HYD5716060	3/4" Straight Thread "O"-Ring
21	ACM0300311	Accumulator ACP300-311-085ND	82	HOS0016635	Hose
22	HOS0016621	Suction Hose	83	HOS0016647	Pump Case Drain Hose
23	CLP0000106	2" Clamp (4 used)	84	VLV0075005	3/4" 5 LB Check Valve
24	HYD0080026	2" Male Coupling	85	PPE1250750	1 1/4" x 3/4" Bushing (3 used)
25	PPE0200900	2" x 90° Standard Elbow	86	PPE0051125	1 1/4" Cross Black Pipe
26	PPE2001000	2" x 1" Black Pipe Bushing	87	HYD5205060	3/4" x 3/4" Male Connector
27	HYD6401008	1" Male Adaptor	88	HOS0016650	Oil Cooler Hose
28	HOS0015876	Pump To Valve Hose	89	PPE0001250	1 1/4" Close Nipple
29	SCC0030003	3/8" x 1 1/4" NC Cap Screw (16 used)	90	PPE1251250	1 1/2" x 1 1/4" Standard Bell Reducer
30	HOS0016639	Main Valve Drain Hose	91	HYD5405090	1/2" x 90° Male Elbow
31	FLG0001501	1" Split Flange W/"O"-Ring (2 used)	92	VLV0013762	Secondary Valve
32	HYD5515060	3/4" x 90° JIC Elbow	93	VLV0013761	Valve Body
33	SCC0050006	1/2" x 2" NC Cap Screw (4 used)	94	ROD0015997	Main Valve Tie Rod (2 used)
34	WCT0000500	1/2" Cutwasher (8 used)	95	ROD0015996	Main Valve Tie Rod (2 used)
35	PMP0362085	Main Pump	96	HYD5315080	1" Straight Thread Connector (3 used)
36	GSK9830351	Charge Pump Gasket	97	HOS0015877	Plunger Cylinder Hose
37	PMP9830140	Charge Pump	98	HOS0016648	Makeup Cylinder Hose
38	RNG9004100	"O"-Ring Sunstrand Pump	99	HYD5515070	1" x 90° Straight Thread "O"-Ring
39	PMP9830313	Charge Pump Adaptor			Elbow
40	GSK9221262	Charge Pump Adaptor Gasket	100	HOS0015875	Plunger Cylinder Hose
41	PMP3301972	Pump	101	HYD3069070	1" Hex Nipple (2 used)
42	PMP1042801	Controller	102	VLV0000453	Check Valve
	GSK9803375	Controller Gasket (Not Shown)	103	HYD5515020	1/4" Straight Thread "O"-Ring
43	FIL0163S67	Filter	104	HYD5716020	1/4" Straight Thread "O"-Ring Run Tee
44	HOS0015874	Plunger Cylinder Hose	105	HYD5315020	1/4" Connector "O"-Ring
45	HYD5315043	1/2" x 3/4" Stright Thread Connector "O"-Ring	106	VLV9510083	Valve Manifold Block
46	FLG0001502	2" Split Flange W/"O"-Ring, Bolt Kit	107	HYD5405034	3/8" x 90° Male Elbow
47	FLG00016SF	1" Split Flange	108	HOS0016638	Makeup Cylinder Hose
48	SCC0050005	1/2" x 3/4" NC Cap Screw (2 used)	109	HYD5205070	1" Male Connector
49	HOS0015798	Valve Manifold Pressure Hose	110	HYD3709070	1" Tee
50	HOS0015797	First Feeder Valve Hose	111	PPE0010163	3" Nipple Hex
51	SCC0030009	3/8" x 2 3/4" NC Cap Screw (3 used)	112	HYD5325030	3/8" Bulkhead Union
52	SCC0010007	1/4" x 2 1/4" NC Cap Screw (6 used)		WIS0003750	3/8" Internal Star Lockwasher
53	WLK0000250	1/4" Lockwasher (6 used)		HYD5924030	3/8" Bulkhead Nut
54	HYD5924030	3/8" Bulkhead Nut			3/8" Tubing
55	WIS0005625	5/8" Internal Star Washer (4 used)	113		2" x 90° "O"-Ring
56	HYD5325030	3/8" Bulkhead Union (3 used)	114	HYD0080385	Pump Suction Hose
57	HOS0016625	Pickup Lift Hose (2 used)	115	HOS0016652	Pump 5000 PSI Complete With Ref.
58	HYD5525030	3/8" Bulkhead Union Elbow	116	PMP0036000	No. 35, 36, 37, 38 and 39
59	TBE0017288	3/8" Pickup Lift Tube			1/2" x 3/4" 90° "O" Ring
60	TBE0017287	3/8" Pickup Lift Tube	117	HYD6801064	
61	HOS0016656	Pickup Lift Cylinder Hose (2 used)			

This technical drawing is an exploded view of a mechanical assembly, likely a hydraulic or pneumatic valve. The components are numbered 1 through 48. The main body (1) is a cast metal part with multiple ports. A cover plate (7) is shown with mounting holes and slots. A large spring (6) is positioned near the cover plate. Various bolts (40, 41, 42), washers (43, 44, 45), and nuts (46, 47) are shown in their respective assembly positions. A flexible hose (2) is connected to the bottom of the assembly. The diagram illustrates the spatial relationship and assembly sequence of the parts.

1ST FEEDER VALVE

REF. NO.	PART NO.	DESCRIPTION
1	VLV0001500	First Feeder Valve
2	F 0007005	25' Rope
3	CHN0002000	Chain 2 Links used
4	HAN0015775	First Feeder Valve Handle
5	CS 0238010	60 Chain Master Link
6	F 0001517	Handle Spring
7	PLT0015774	First Feeder Valve Plate
8	CS 0012010	Check Plug
9	CS 2881197	"O" Ring Seal
10	CS 0098010	Check Spring
11	CS 0097010	Poppet
12		1" Spool Valve Housing
13	CS 0088010	Spool Seal
14	CS 0087010	Seal Retainer
15	CS 0077010	Retaining Plate
16	CS 0091010	Phillips Head Screw (6 used)
17	CS 3782081	Flatwasher Spacer
18	CS 0007010	Collar (2 used)
19	CS 0005010	Stop Collar
20	CS 0154010	Spring
21	CS 0093010	Spring Retainer
22	CS 1402130	1/4" x 3/4" NF Cap Screw
23	CS 0076010	End Cap
24	CS 2881209	"O" Ring Seal
25	CS 0042010	Slipper Seal (2 used)
26	CS 0030010	Relief Barrel
27	CS 0042010	Slipper Seal
28	CS 0033010	Poppet
29	CS 0038010	Spring
30	CS 0041010	Follower
31	CS 2881119	"O" Ring Seal
32	CS 0219010	Back Up Ring
33	CS 2881204	"O" Ring Seal
34	CS 0029010	Relief Cap
35	CS 0035010	Socket Head Set Screw
36	NCJ0003750	3/8" NC Jam Nut
37	CS 0047010	Acorn Nut
38	SCC0030004	3/8" x 1 1/2" NC Cap Screw (2 used)
39	WCT0000375	3/8" Cutwasher (5 used)
40	NCH0000375	3/8" NC Hex Nut (8 used)
41	WLK0000375	3/8" Lockwasher (8 used)
42	SCC0030001	3/8" x 3/4" NC Cap Screw (2 used)
43	SCC0030006	3/8" x 2" NC Cap Screw (3 used)
44	CS 0238011	Pin Link Plate
45	COT0000103	1/16" x 1 1/4" Cotter Pin
46	CS 0105010	Clevis Pin
47	COT0000301	3/32" x 3/4" Cotter Pin
48	CS 0081010	Bracket

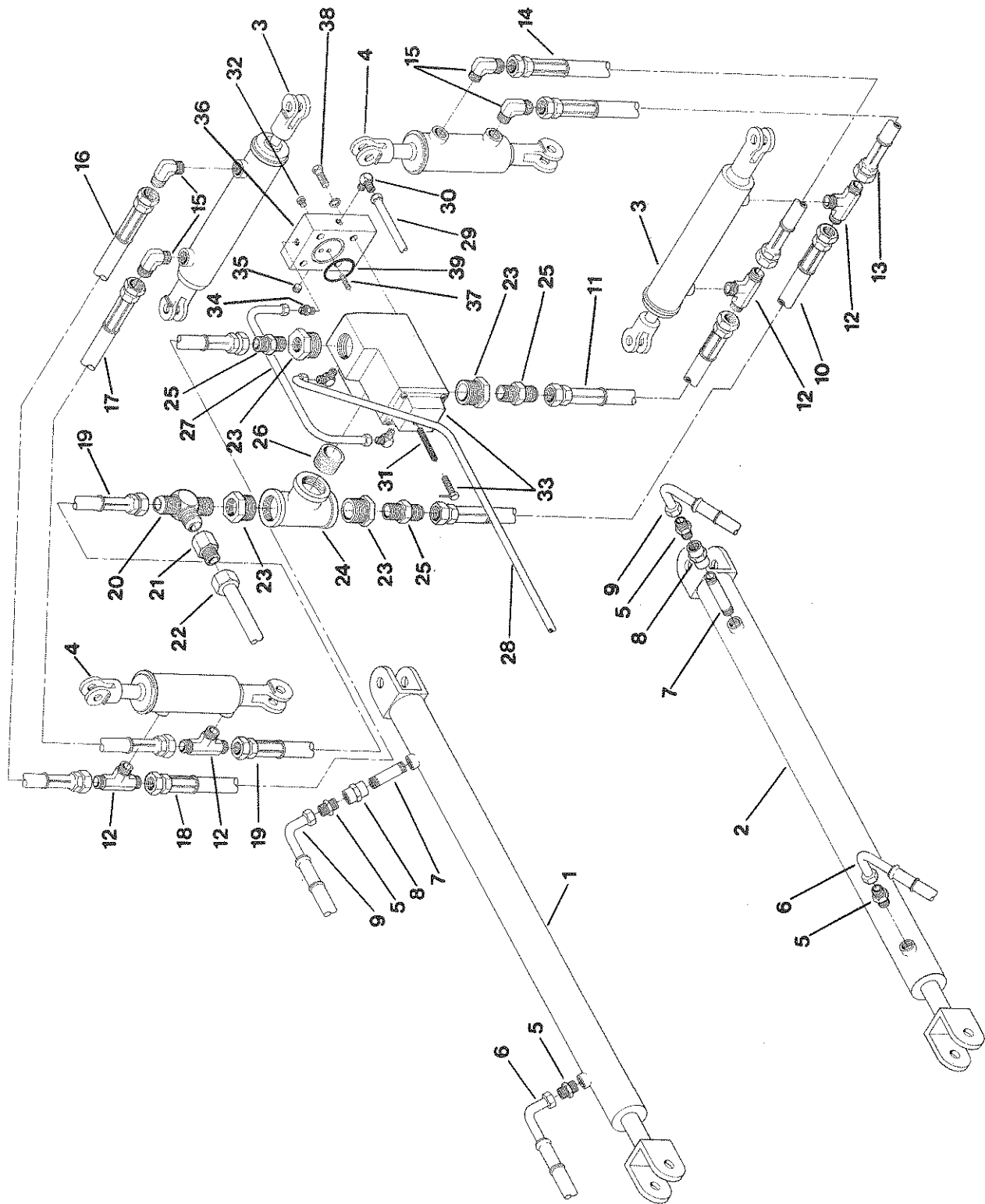
TENSION BYPASS VALVE



TENSION BYPASS VALVE

REF. NO.	PART NO.	DESCRIPTION
1	HOS0016655	Tension Pump Pressure Hose
2	HYD5315044	1/2" Straight "O"-Ring Fitting
3	HYD3169005	1/16" Hex Socket Plug
4	TBE0017286	Regulator Valve Tube
5	HYD5605032	3/8" x 1/4" Male Branch Tee
6	HYD5129030	3/8" Cap
7	HYD3109042	1/2" x 1/4" Steel Bushing (2 used)
8	NCH0000250	1/4" NC Cap Screw (2 used)
9	WLK0000250	1/4" Lockwasher (2 used)
10	01-514	Relief Valve 1500 PSI Cross
11	VLV0000030	Check Valve
12	HYD3269044	1/2" x 1/2" Straight Thread Adapter
13	VLV0015005	Spool Spring Guide
14	F 0000169	Spring
15	VLV0015006	Bypass Valve Spool
16	VLV0015004	Bypass Valve Body
17	HYD3069040	1/2" Hex Nipple
18	VLV0002005	1/2" Ball Valve 2000 PSI
19	HYD5205023	1/4" x 1/2" Male Connector
20	HYD3709020	1/4" Female Pipe Tee
21	HYD3069020	1/4" Hex Nipple
22	HYD5205022	1/4" x 1/4" Male Connector
23	HYD5205053	5/8" x 3/8" Male Connector (2 used)
24	HYD3959040	1/2" Steel Cross
25	HYD5405034	3/8" x 90° Male Elbow
26	HYD3249044	1/2" Pipe Male Straight Adapter
27	WCT0000250	1/4" Cutwasher (8 used)
28	SCC0010006	1/4" x 2" NC Cap Screw (2 used)
29	MNT0015911	Tension Control Mount
30	TBE0017619	Tension Pilot Tube
31	HOS0016653	3 M Pressure Gauge Hose
32	TBE0017618	Tension Return Hose
33	HOS0016654	Tension Regulator Hose

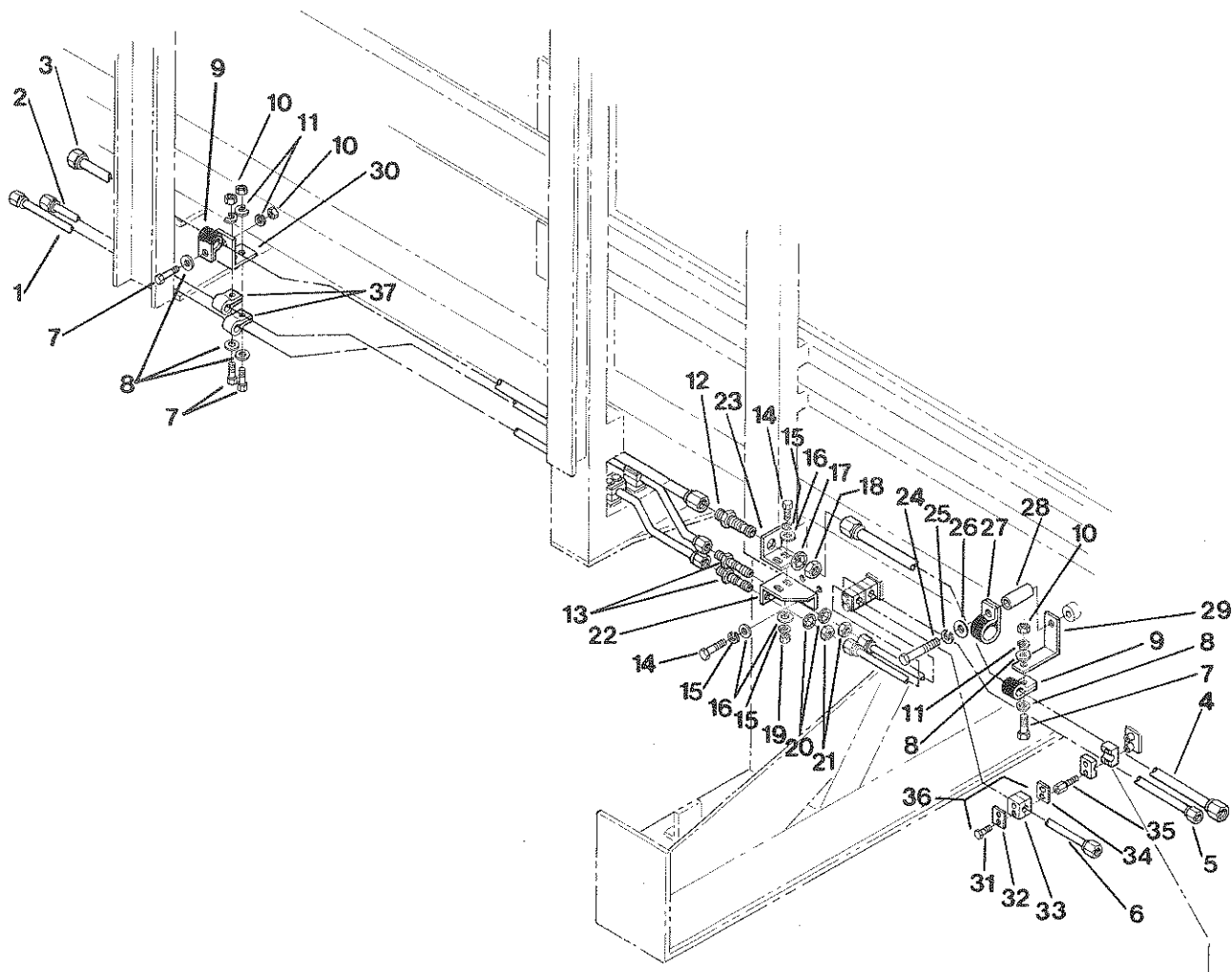
TENSION UNLOADER



TENSION UNLOADER

REF. NO.	PART NO.	DESCRIPTION
1	CYL1551601	R.H. Makeup Cylinder
2	CYL1551600	L.H. Makeup Cylinder
3	CYL0003516	3 ¹ / ₂ " × 16" Cylinder (2 used)
4	CYL0000408	4" × 8" Cylinder (2 used)
5	HYD5205070	1" Male Connector (4 used)
6	HOS0016633	Makeup Cylinder Hose (2 used)
7	PPE1000600	1" × 6" Black Pipe Nipple (2 used)
8	HYD3309070	1" Coupling (2 used)
9	HOS0016632	Makeup Cylinder Hose (2 used)
10	HOS0016644	Tension Cylinder Hose
11	HOS0016645	Tension Cylinder Hose
12	HYD5655060	3/4" × 3/4" Female Branch Tee (4 used)
13	HOS0015763	Tension Cylinder Hose
14	HOS0015764	Tension Cylinder Hose
15	HYD5405046	1/2" × 3/4" × 90° Elbow Male (4 used)
16	HOS0015761	Tension Cylinder Hose
17	HOS0015762	Tension Cylinder Hose
18	HOS0016641	Tension Cylinder Hose
19	HOS0016640	Tension Cylinder Hose
20	HYD5755060	3/4" × 3/4" Male Run Tee
21	HYD5015065	3/4" Female to 5/8" Male JIC
22	TBE0017289	Tension Return Tube
23	PPE1250750	1 1/4" × 3/4" Hex Black Bushing (4 used)
24	PPE0041250	1 1/4" Black Pipe Tee
25	HYD5205060	3/4" × 3/4" Male Connector (3 used)
26	PPE1252500	1 1/4" × 2 1/2" Black Pipe Nipple
27	TBE0017285	Unloader Valve Transfer Tube
28	TBE0017290	Tension Pressure Tube
29	TBE0017291	Tension Pilot Tube
30	HYD5405032	3/8" × 1/4" 90° Elbow (3 used)
31	SPG0015800	Unloader Valve Spring
32	HYD3169010	1/8" Hex Socket Plug
33	VLV0000104	Unloader Valve
34	HYD5205023	1/4" × 3/8" Male Connector
35	HYD3169020	1/4" Hex Socket Plug
36	HSN0015733	Pilot Housing
37	VLV0017225	Piston Valve
38	SMS1252175	12 mm × 52 mm × 1.75 mm Socket Head Cap Screw (4 used)
39	RNG0002219	"O" Ring

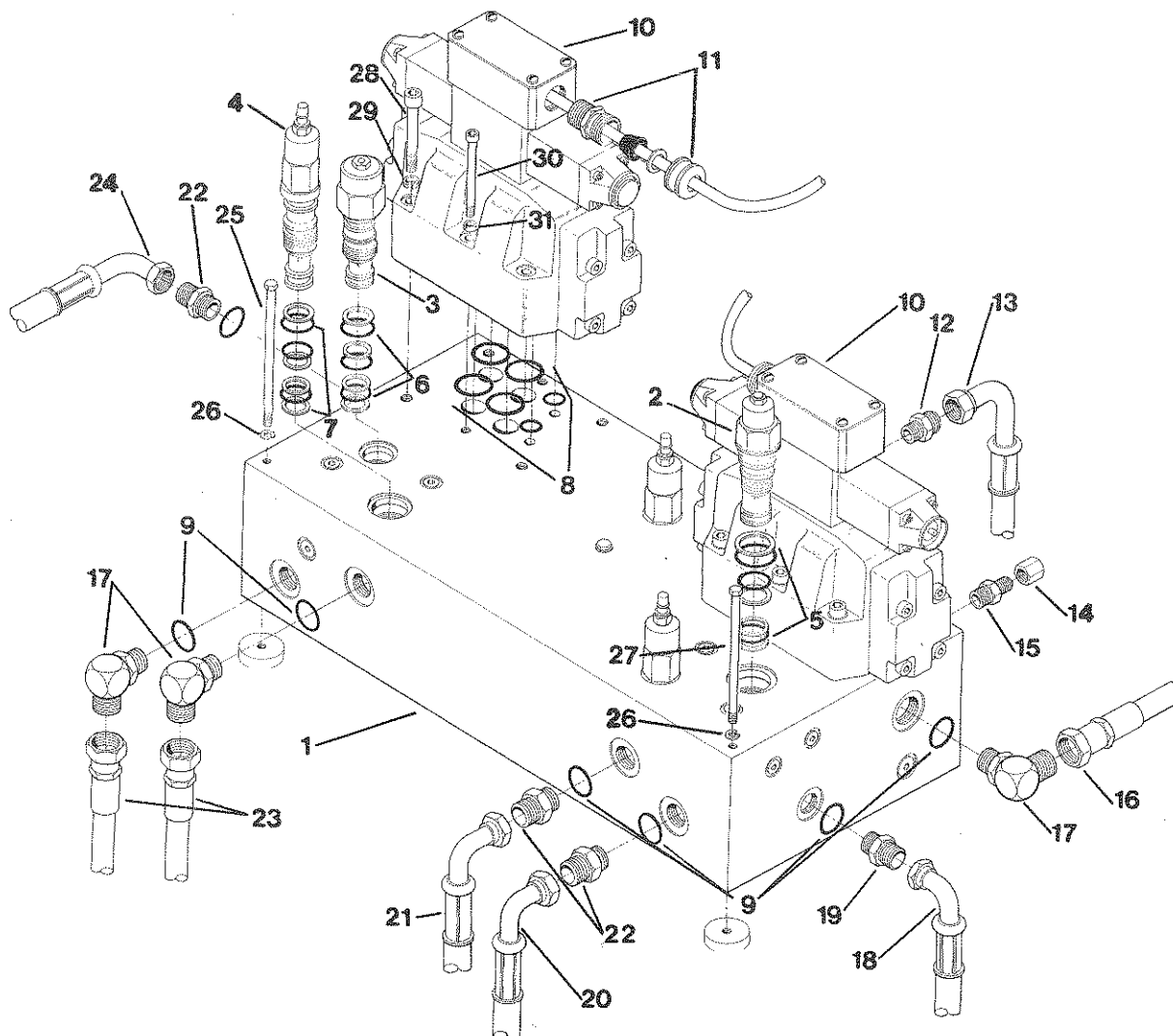
TENSION TRANSFER TUBES



UNLOADER VALVE TUBES and BRACKETS

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	TBE0017291	Tension Pilot Tube	20	WIS0005625	$\frac{9}{16}$ " Internal Star Lockwasher (2 used)
2	TBE0017290	Tension Pressure Tube	21	HYD5924030	$\frac{3}{8}$ " Bulkhead Nut (2 used)
3	TBE0017289	Tension Return Tube	22	BKT0018160	Bulkhead Bracket
4	TBE0017618	Tension Return Tube	23	BKT0018013	Bulkhead Bracket
5	TBE0017619	Tension Pilot Tube	24	SCC0030009	$\frac{3}{8}$ " $\times$ $2\frac{3}{4}$ " NC Cap Screw
6	TBE0017310	Tension Pressure Tube	25	WLK0000375	$\frac{3}{8}$ " Lockwasher
7	SCC0010001	$\frac{1}{4}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw (4 used)	26	WCT0000375	$\frac{3}{8}$ " Cutwasher
8	WCT0000250	$\frac{1}{4}$ " Cutwasher (5 used)	27	CLP7701165	$1\frac{1}{2}$ " Clamp
9	CLP7701158	$\frac{5}{8}$ " Clamp (2 used)	28	SPC0018304	$\frac{1}{2}$ " $\times$ 2" Spacer
10	NCH0000250	$\frac{1}{4}$ " NC Hex Nut (4 used)	29	BKT0016582	Tube Anchor Bracket
11	WLK0000250	$\frac{1}{4}$ " Lockwasher (4 used)	30	BKT0016581	Tube Support Bracket
12	HYD5325050	$\frac{5}{8}$ " Union Bulkhead Fitting	31	SCC0010003	$\frac{1}{4}$ " $\times$ $1\frac{1}{4}$ " NC Cap Screw (8 used)
13	HYD5325030	$\frac{3}{8}$ " Union Bulkhead Fitting (2 used)	32	PLT10951TP	Top Plate (4 used)
14	SCC0020001	$\frac{5}{16}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw (4 used)	33	CLP10951CP	Clamp Pair (6 used)
15	WLK0000313	$\frac{5}{16}$ " Lockwasher (4 used)	34	PLT10951SP	Safety Plate (2 used)
16	WCT0000313	$\frac{5}{16}$ " Cutwasher (6 used)	35	SMS10951SB	$\frac{1}{4}$ " Stack Bolt (4 used)
17	WIS0007500	$\frac{3}{4}$ " Internal Star Lockwasher	36	CLP0010951	Clamp (4 used)
18	HYD5924050	$\frac{5}{8}$ " Bulkhead Nut	37	CLP7701153	$\frac{3}{8}$ " Clamp (2 used)
19	NCH0000313	$\frac{5}{16}$ " NC Hex Nut (2 used)			

KNOTTER and FEED FORK MANIFOLD (Serial - 0014)



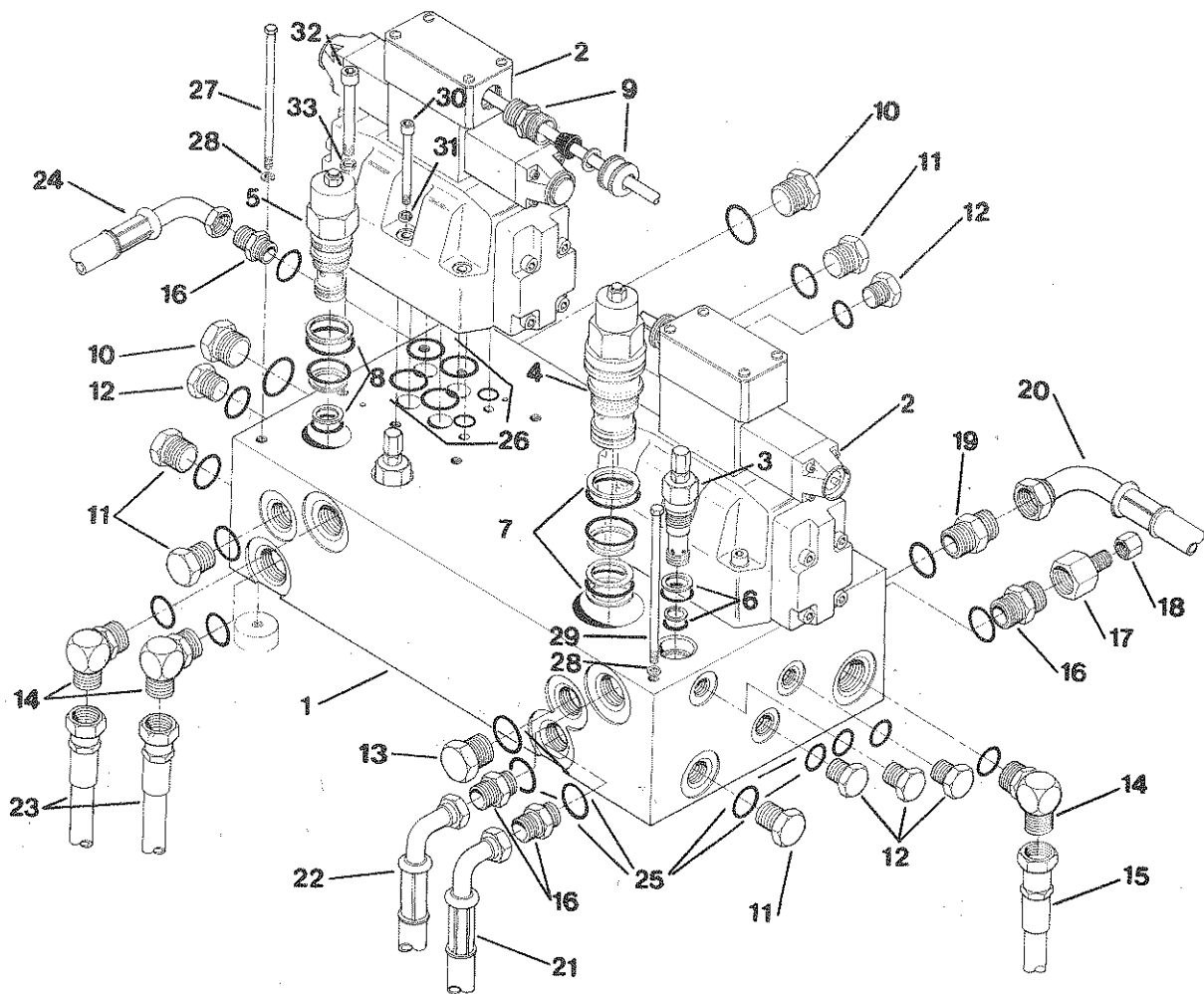
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KNOTTER and FEED FORK MANIFOLD (Serial - 0014)

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	VLV0015000	Valve Body W/Counter Balance Valve and Relief Valve	17	HYD5515060	3/4" x 90° Elbow JIC (3 used)
2	VLV1500CBG	Counter Balance Valve	18	HOS0016626	Manifold Drain Hose
3	VLV1500BEG	Counter Balance Valve	19	HYD5315030	3/8" x 3/8" Male "O"-Ring Connector
4	VLV0310536	Relief Valve (3 used)	20	HOS0016558	Feed Fork Hose
5	KIT0000013	Seal Kit For VLV1500CBG	21	HOS0015796	Feed Fork Hose
6	KIT0000012	Seal Kit For VLV1500BEG	22	HYD5205060	3/4" x 3/4" Male Connector (3 used)
7	KIT0000011	Seal Kit For VLV310536 (3 used)	23	HOS0016631	Knotter Drive Hose (2 used)
8	KIT0000010	Seal Kit For VLV416 (2 used)	24	HOS0016623	Manifold To Filter Hose
9	KIT0000014	Seal Kit For VLV15000	25	SCC0030015	3/8" x 4 1/2" NC Cap Screw (2 used)
10	VLV0000416	Valve (2 used)	26	WLK0000375	3/8" Lockwasher (3 used)
11	CNR0000193	1/2" Connector (2 used)	27	SCC0030016	3/8" x 5" NC Cap Screw
12	HYD5315043	3/8" x 1/2" Male "O"-Ring Connector	28	SCO0000111	3/8" x 2 1/2" NC Socket Head Screw (8 used)
13	HOS0016624	Manifold Pilot Valve Hose	29	WAS0000107	3/8" High Collar Lockwasher (8 used)
14	HYD5129020	1/4" JIC Cap	30	SCO0000110	1/4" x 2 1/2" NC Socket Head Screw (4 used)
15	HYD5315023	3/8" x 1/4" Male "O"-Ring Connector	31	WAS0000025	1/4" High Collar Lockwasher (4 used)
16	HOS0015798	Manifold Pressure Hose			

NOTES

KNOTTER and FEED FORK MANIFOLD (Serial + 0015)

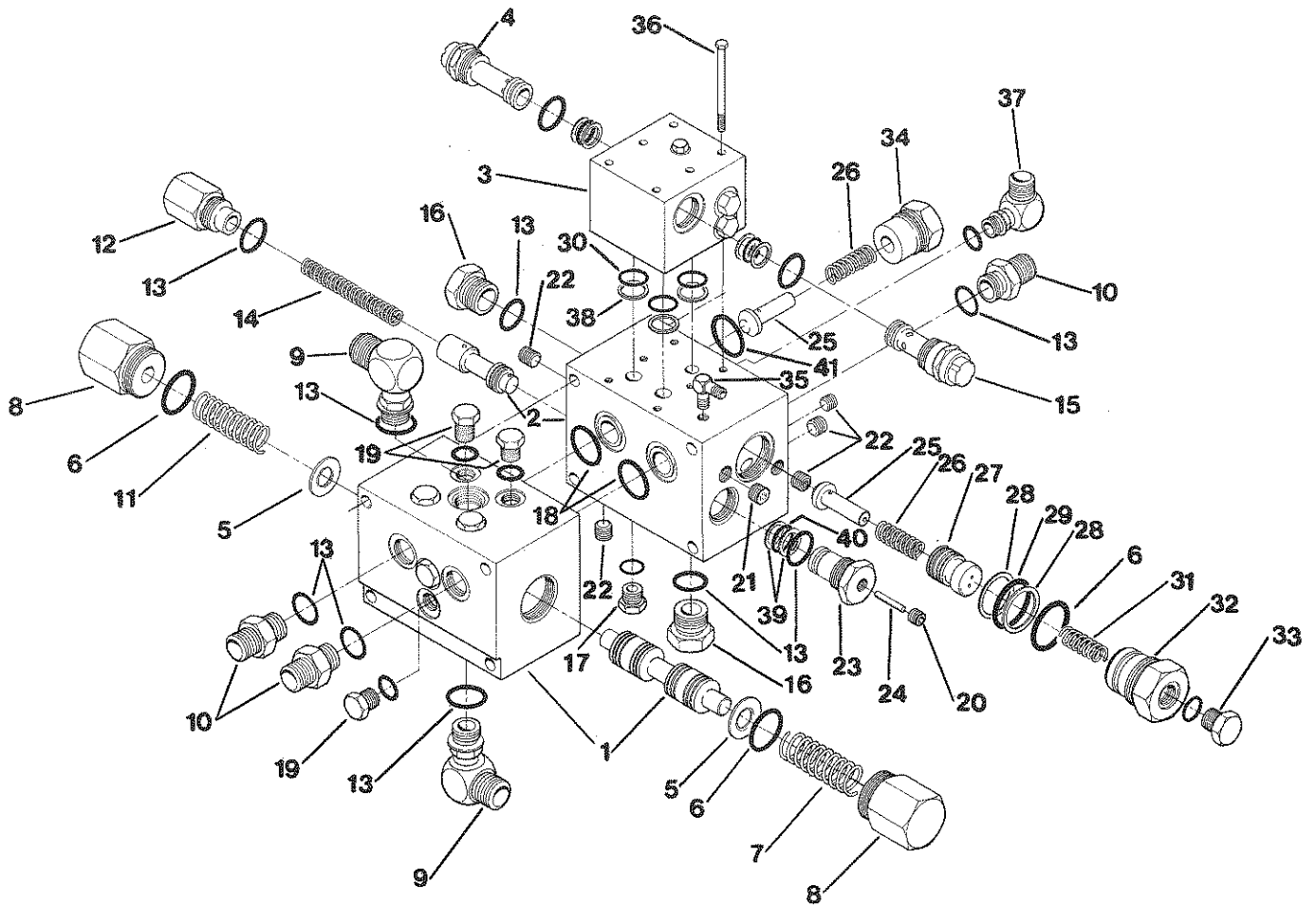


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KNOTTER and FEED FORK MANIFOLD (Serial + 0015)

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	VLV0017304	Manifold Valve Body	19	HYD5315043	$\frac{3}{8}$ " $\times$ $\frac{1}{2}$ " Straight Thread "O"-Ring Connector
2	VLV0000416	Valve (2 used)	20	HOS0016624	Manifold Pilot Valve Hose
3	VLV0000026	Valve (3 used)	21	HOS0018086	Feed Fork Bottom Port A Hose
4	VLV1500CBG	Counter Balance Valve	22	HOS0018087	Feed Fork Top Port B Hose
5	VLV1500CBE	Counter Balance Valve	23	HOS0016631	Knotter Drive Hose (2 used)
6	KIT0991010	Seal Kit For VLV26 (3 used)	24	HOS0016623	Manifold To Filter Hose
7	KIT0000016	Seal Kit For VLV1500CBG	25	KIT0000017	Seal Kit For VLV17304
8	KIT0000015	Seal Kit For VLV1500CBE	26	KIT0000010	Seal Kit For VLV416
9	CNR0000193	$\frac{1}{2}$ " Connector (2 used)	27	SCC0030015	$\frac{3}{8}$ " $\times$ $4\frac{1}{2}$ " NC Cap Screw (2 used)
10	HYD7237060	$\frac{3}{4}$ " "O"-Ring Plug (2 used)	28	WLK0000375	$\frac{3}{8}$ " Lockwasher (3 used)
11	HYD7237040	$\frac{1}{2}$ " "O"-Ring Plug (4 used)	29	SCC0030016	$\frac{3}{8}$ " $\times$ 5" NC Cap Screw
12	HYD7237030	$\frac{3}{8}$ " "O"-Ring Plug (5 used)	30	SCO0000110	$\frac{1}{4}$ " $\times$ $2\frac{1}{4}$ " NC Socket Head Screw (4 used)
13	HYD7237050	$\frac{5}{8}$ " "O"-Ring Plug	31	WAS0000025	$\frac{1}{4}$ " High Collar Lockwasher (4 used)
14	HYD5515060	$\frac{3}{4}$ " $\times$ 90° Elbow JIC (3 used)	32	SCO0000111	$\frac{3}{8}$ " $\times$ $2\frac{1}{4}$ " NC Socket Head Screw (8 used)
15	HOS0015798	Manifold Pressure Hose	33	WAS0000107	$\frac{3}{8}$ " High Collar Lockwasher (8 used)
16	HYD5205060	$\frac{3}{4}$ " $\times$ $\frac{3}{4}$ " Male Connector (4 used)			
17	HYD5015062	$\frac{3}{4}$ " $\times$ $\frac{1}{4}$ " Reducer			
18	HYD5129020	$\frac{1}{4}$ " JIC Cap			

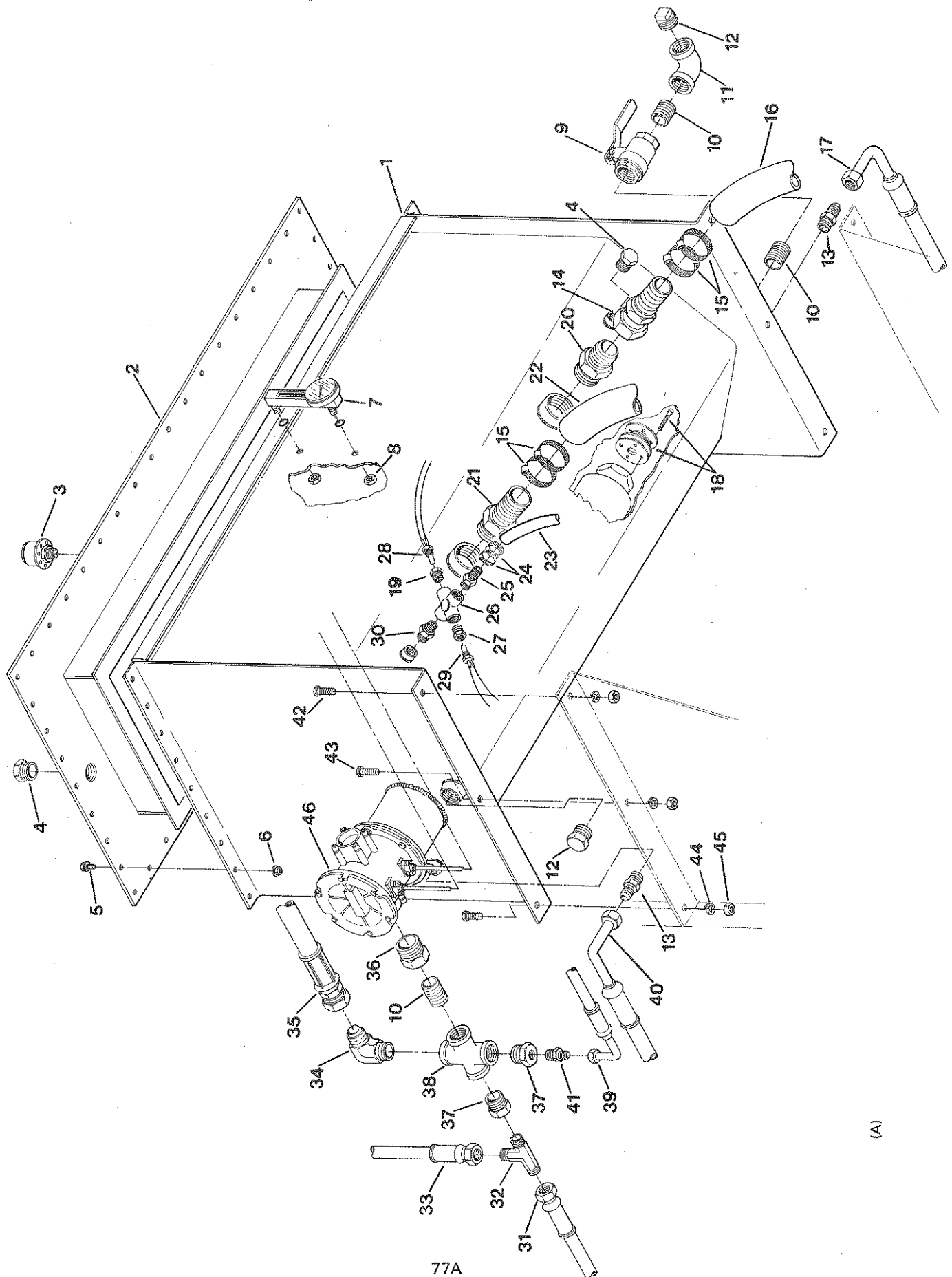
MAIN SYSTEM VALVE



MAIN SYSTEM VALVE

REF. NO.	PART NO.	DESCRIPTION
1	VLV0013762	Secondary Valve Body
2	VLV0013761	Primary Valve Body
3	VLV9510083	20 Series Manifold Block
4	VLV9510438	Check Valve 5000 PSI
5	VLV0013772	Shuttle Valve Centering Washer (2 used)
6	RNG0003924	"O"-Ring (2 used)
7	SPG0015377	Shuttle Valve Spring
8	VLV0013768	Shuttle Valve Plug (2 used)
9	HYD5515070	1" x 90° Straight Thread Elbow (2 used)
10	HYD5315080	1" Straight Thread Connector (2 used)
11	SPG0015377	Shuttle Valve Spring
12	VLV0013766	Primary Valve Counter Balance Spring Housing
13	RNG0003916	"O"-Ring (9 used)
14	SPG0015375	Unloader Valve Spring
15	VLV9510437	Check Valve 2500 PSI
16	HYD7237080	1" Straight Thread Plug
17	HYD7237050	5/8" Straight Thread Plug
18	RNG0002219	"O"-Ring
19	HYD7237040	1/2" Straight Thread Plug (6 used)
20	HYD3169010	1/8" Hex Socket Plug (2 used)
21	HYD3169030	3/8" Hex Socket Plug
22	HYD3169020	1/4" Hex Socket Plug (5 used)
23	VLV0013765	Primary Valve Counter Balance Pilot
24	ZZ 0000720	3/16" Roll Pin
25	VLV0013769	Primary Check Valve Poppet (2 used)
26	SPG0015376	Check Valve Spring (2 used)
27	VLV0013771	Primary Pilot Check Valve
28	RNG0008129	Back-up Ring
29	RNG0002129	"O"-Ring
30	RNG0002119	"O"-Ring
31	SPG0016585	Spring
32	VLV0013767	Primary Valve Piloted Check Housing
33	VLV0015957	Check Valve Spring Seat
34	VLV0013770	Primary Check Valve
35	HYD5405032	3/8" x 1/4" 90° Male Elbow
36	SCC0020011	5/16" x 3 3/4" NC Cap Screw (6 used)
37	HYD6801064	3/4" x 90° Straight Thread Elbow
38	RNG0008119	Back-up Ring
39	RNG0008117	Backup Ring (2 used)
40	RNG0002117	"O"-Ring
41	RNG0003920	"O"-Ring

OIL TANK (Serial - 0014)



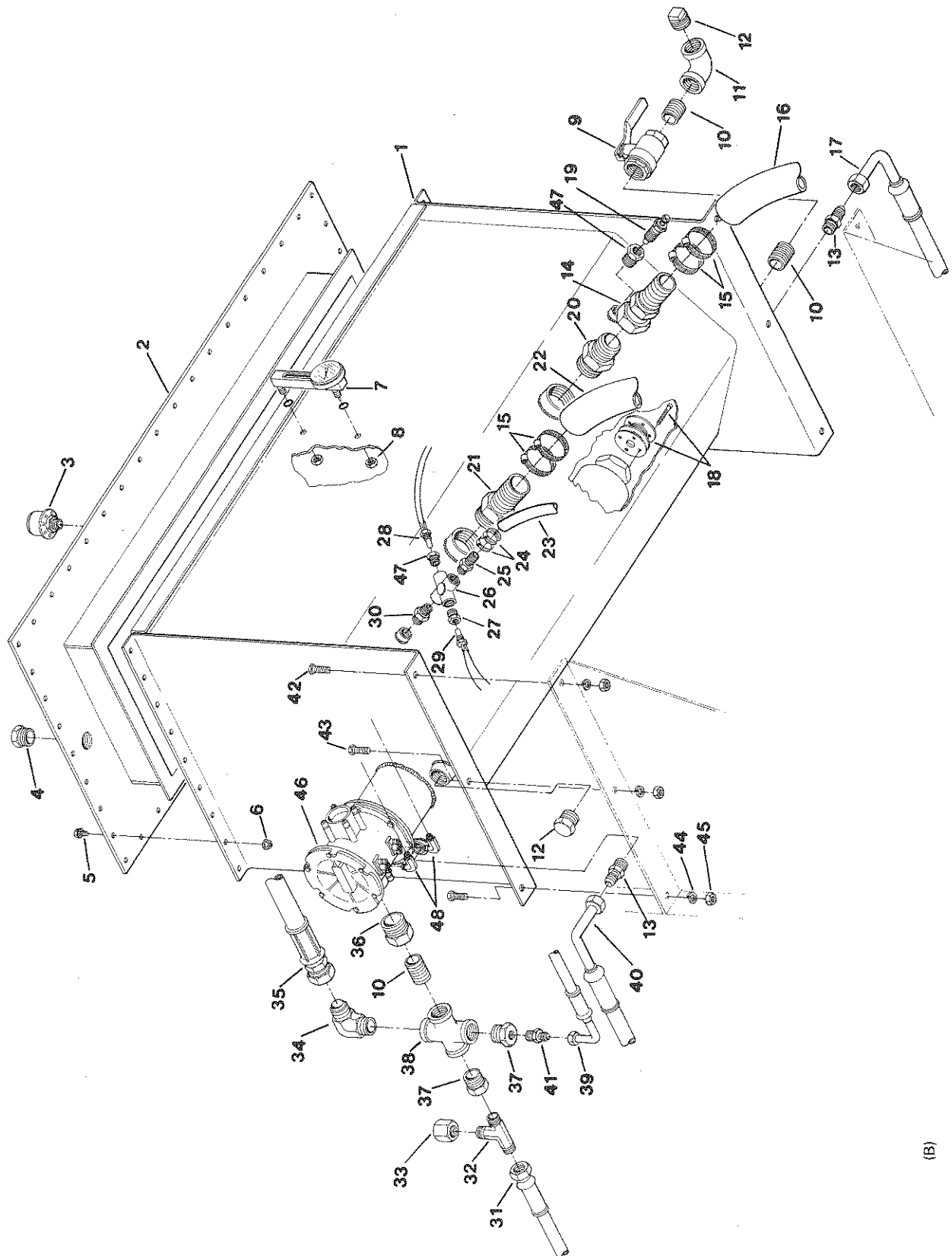
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OIL TANK (Serial -0014)

REF. NO.	PART NO.	DESCRIPTION
1	TNK0015447	Tank and Cover Complete
2	TNK0015455	Tank Cover
3	FIL1731405	VCC Filter Breather
4	PPE0021750	3/4" NPT Steel Pipe Plug (2 used)
5	SMS0000184	5/16"-18 x 3/4" Whiz Bolt (50 used)
6	NMS0000117	5/16"-18 Whiz Lock Nut (50 used)
7	GAG0064051	Oil and Temperature Gauge
8	NFH0000500	1/2" NF Hex Nut (2 used)
9	VLV0006000	1 1/2" NPT Ball Valve
10	PPE0001500	1 1/2" NPT Close Pipe Nipple (3 used)
11	PPE0150900	1 1/2" 90° Black Pipe Elbow
12	PPE0022500	1 1/2" Hex Steel Pipe Plug (2 used)
13	HYD5205087	1 1/4" NPT To 1" JIC Connector
14	HYD0800163	2" JIC Female Swivel Hose End
15	CLP0000106	2" Hose Clamp (4 used)
16	HOS0016621	Suction Hose
17	HOS1663200	Make-Up Cylinder Return Hose
18	FIL0925120	Check Valve Assembly
19	HYD3109063	3/4" x 3/8" NPT Bushing
20	HYD5205016	2" NPT To 2" JIC Connector
21	HYD0080026	2" Male Solid Pipe Hose End
22	HOS0016652	Suction Pump Hose
23	HOS0016622	Tension Pump Suction Hose
24	CLP7701165	3/4" Hose Clamp
25	HYD0080018	3/4" x 3/4" NPTF Male Coupling
26	HYD3959060	3/4" NPT Cross
27	HYD3109062	3/4" NPT To NPT Bushing
28	THM0016264	170° Thermostat
29	THM0018054	220° Thermostat
30	HYD3069060	3/4" NPT Hex Nipple
31	HOS0016626	Valve Manifold Drain Hose
32	HYD5755060	3/4" Male Run Tee
33	HOS0016623	Return Valve Manifold-Filter
34	HYD5405090	1 1/2" NPT 1 1/2" JIC 90° Elbow
35	HOS0016004	Return Hose Filter To Cooler
36	PPE2001500	2" NPT To 1 1/2" NPT Bushing
37	HYD3109096	1 1/2" NPT To 3/4" NPT Bushing (2 used)
38	PPE0051500	1 1/2" NPT Cross
39	HOS0016654	Tension Regulator Hose
40	HOS0166321	Make-Up Cylinder Return Hose
41	HYD5205056	3/4" NPT 5/8" JIC Connector
42	SCC0050003	1/2"-13 x 1 1/4" Cap Screw (2 used)
43	SCC0050004	1/2"-13 x 1 1/2" Cap Screw (4 used)
44	WLK0000500	1/2" Lockwasher (6 used)
45	NCH0000500	1/2"-13 UNC Hex Nut (6 used)
46	FIL2310258	Filter

OIL TANK (Serial 0015 - 0018)

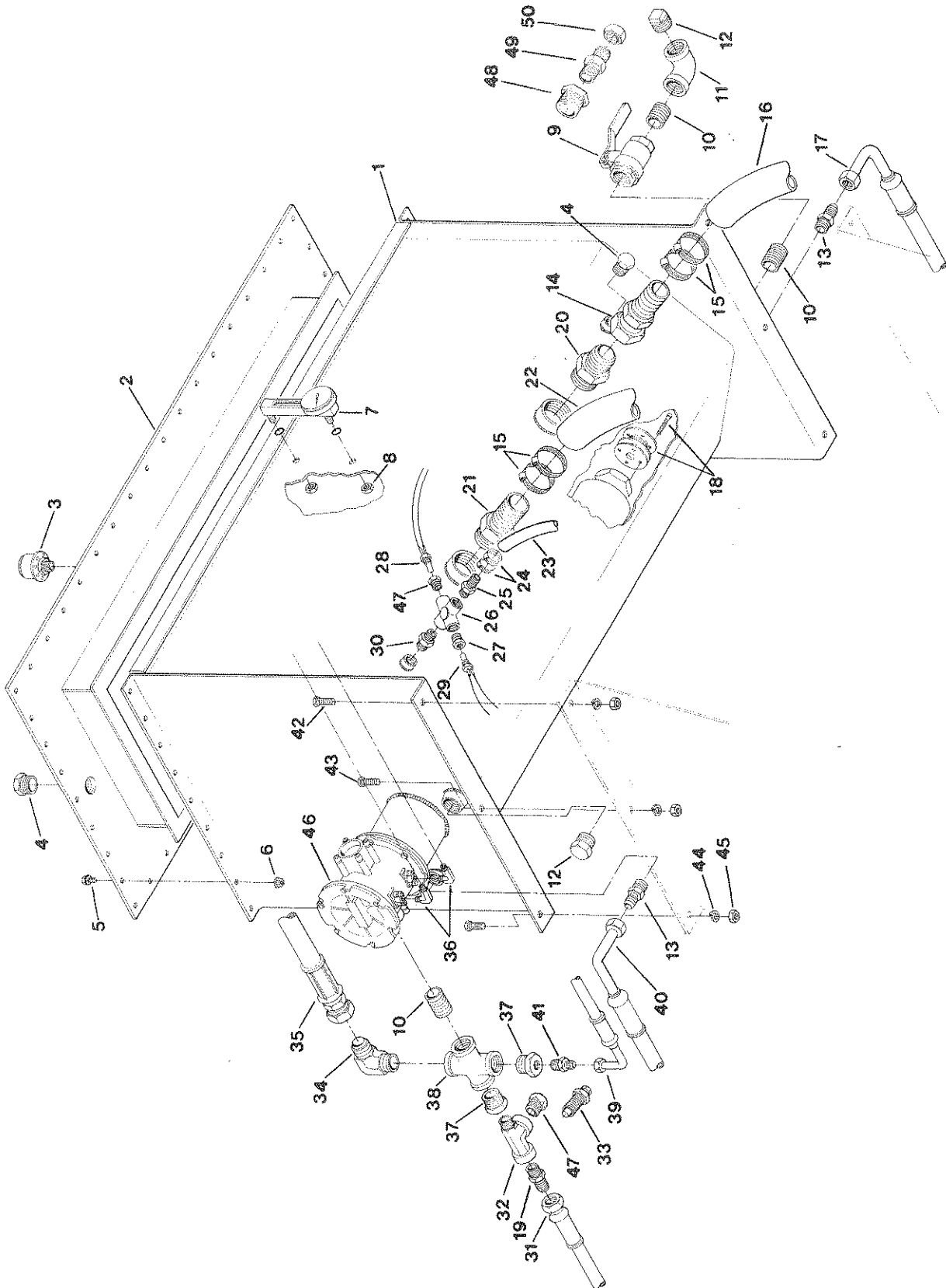


(B)

OIL TANK (Serial 0015 – 0018)

REF. NO.	PART NO.	DESCRIPTION
1	TNK0015447	Tank and Cover Complete
2	TNK0015455	Tank Cover
3	FIL1731405	VCC Filter Breather
4	PPE0021750	3/4" NPT Steel Pipe Plug (2 used)
5	SMS0000184	5/16"-18 x 3/4" Whiz Bolt (50 used)
6	NMS0000117	5/16"-18 Whiz Lock Nut (50 used)
7	GAG0064051	Oil and Temperature Gauge
8	NFH0000500	1/2" NF Hex Nut (2 used)
9	VLV0006000	1 1/2" NPT Ball Valve
10	PPE0001500	1 1/2" NPT Close Pipe Nipple (2 used)
11	PPE0150900	1 1/2" 90° Black Pipe Elbow
12	PPE0022500	1 1/2" Hex Steel Pipe Plug (2 used)
13	HYD5205087	1 1/4" NPT To 1" JIC Connector (2 used)
14	HYD0800106	2" JIC Female Swivel Hose End
15	CLP0000106	2" Hose Clamp (4 used)
16	HOS0016621	Pump Suction Hose
17	HOS1663200	Make-Up Cylinder Return Hose
18	FIL0925120	Check Valve Assembly
19	ELC0000334	Temperature Sending Unit
20	HYD5205016	2" NPT To 2" JIC Connector
21	HYD0080026	2" Male Solid Pipe Hose End
22	HOS0016652	Pump Suction Hose
23	HOS0016622	Tension Pump Suction Hose
24	CLP7701165	3/4" Hose Clamp
25	HYD0080018	3/4" x 3/4" NPTF Male Coupling
26	HYD3959060	3/4" NPT Cross
27	HYD3109062	3/4" NPT To NPT Bushing
28	THM0016264	170° Thermostat
29	THM0018054	220° Thermostat
30	HYD3069060	3/4" NPT Hex Nipple
31	HOS0016626	Valve Manifold Drain Hose
32	HYD5755060	3/4" Male Run Tee
33	HYD5129060	3/4" JIC Cap
34	HYD5405090	1 1/2" NPT 1 1/2" JIC 90° Elbow
35	HOS0016004	Return Hose Filter To Collet
36	PPE2001500	2" NPT To 1 1/2" NPT Bushing
37	HYD3109096	1 1/2" NPT To 3/4" NPT Bushing (2 used)
38	PPE0051500	1 1/2" NPT Cross
39	HOS0016654	Tension Regulator Hose
40	HOS1663201	Make-Up Cylinder Return Hose
41	HYD5205056	3/4" NPT 5/8" JIC Connector
42	SCC0050003	1/2" x 1 1/4" NC Cap Screw (2 used)
43	SCC0050004	1/2" x 1 1/2" NC Cap Screw (4 used)
44	WLK0000500	1/2" Lockwasher (6 used)
45	NCH0000500	1/2" NC Hex Nut (6 used)
46	FIL2310259	Filter
47	HYD3109063	3/4" x 3/8" NPT Bushing (2 used)
48	F 0001441	1/8" x 1/4" 90° Elbow (2 used)

OIL TANK (Serial + 0019)



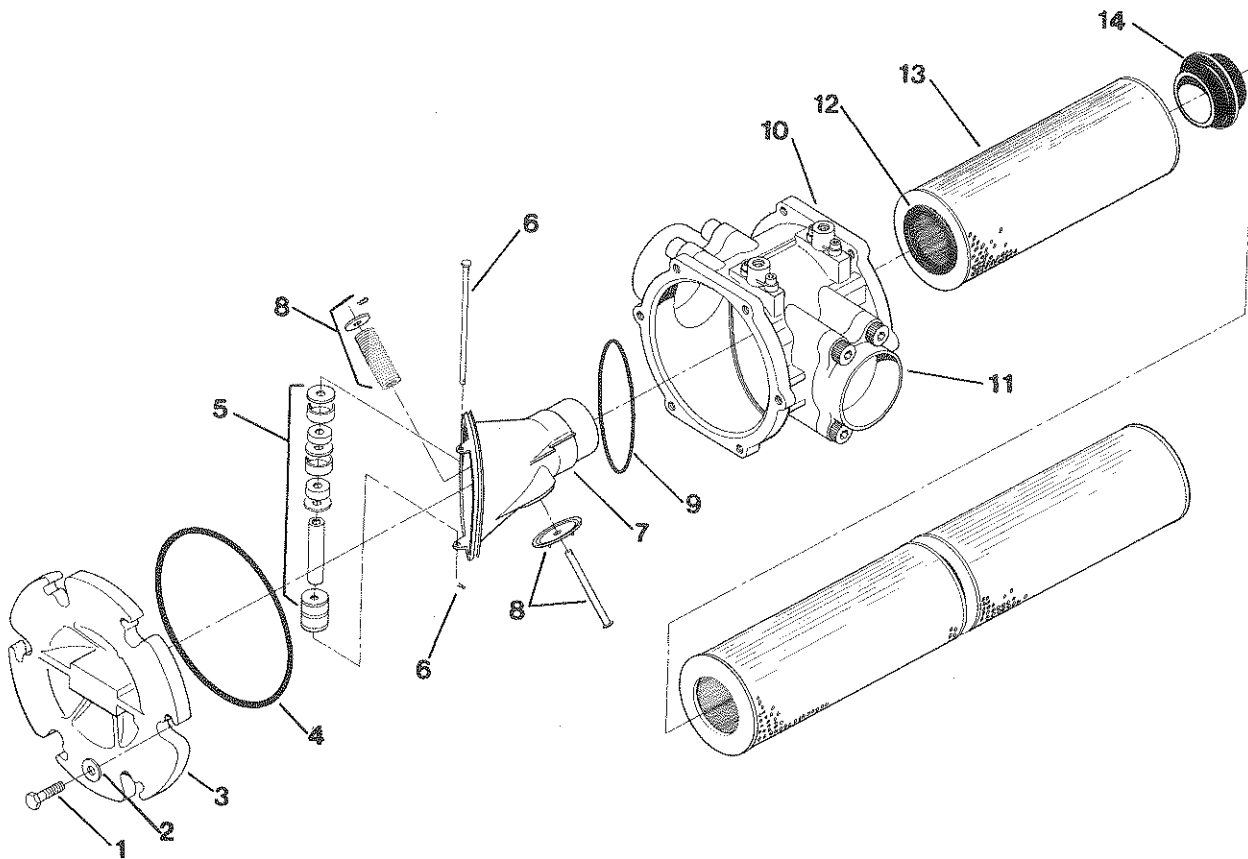
(C)

OIL TANK (Serial +0019)

REF. NO.	PART NO.	DESCRIPTION
1	TNK0015447	Tank and Cover Complete
2	TNK0015455	Tank Cover
3	FIL1731405	VCC Filter Breather
4	PPE0021750	3/4" NPT Steel Pipe Plug (2 used)
5	SMS0000184	5/16"-18 x 3/4" Whiz Bolt (50 used)
6	NMS0000117	5/16"-18 Whiz Lock Nut (50 used)
7	GAG0064051	Oil and Temperature Gauge
8	NFH0000500	1/2" NF Hex Nut (2 used)
9	VLV0006000	1 1/2" NPT Ball Valve
10	PPE0001500	1 1/2" NPT Close Pipe Nipple (3 used)
11	PPE0150900	1 1/2" 90° Black Pipe Elbow
12	PPE0022500	1 1/2" Hex Steel Pipe Plug (2 used)
13	HYD5205087	1 1/4" NPT To 1" JIC Connector (2 used)
14	HYD0800163	2" JIC Female Swivel Hose End
15	CLP0000106	2" Hose Clamp (4 used)
16	HOS0016621	Pump Suction Hose
17	HOS1663200	Make-Up Cylinder Return Hose
18	FIL0925120	Check Valve Assembly
19	HYD5205060	3/4" NPT To 3/4" JIC Connector
20	HYD5205016	2" NPT To 2" JIC Connector
21	HYD0080026	2" Male Solid Pipe Hose End
22	HOS0016652	Pump Suction Hose
23	HOS0016622	Tension Pump Suction Hose
24	CLP7701165	3/4" Hose Clamp
25	HYD0080018	3/4" x 3/4" NPTF Male Coupling
26	HYD3959060	3/4" NPT Cross
27	HYD3109062	3/4" NPT To NPT Bushing
28	THM0016264	170° Thermostat
29	THM0018054	220° Thermostat
30	HYD3069060	3/4" NPT Hex Nipple
31	HOS0016626	Valve Manifold Drain Hose
32	HYD3759060	3/4" Service Tee
33	ELC0000334	Temperature Sending Unit
34	HYD5405090	1 1/2" NPT 1 1/2" JIC 90° Elbow
35	HOS0016004	Return Hose Filter To Cooler
36	F 0001441	1/8" x 1/4" 90° Elbow
37	HYD3109096	1 1/2" NPT To 3/4" NPT Bushing (2 used)
38	PPE0051500	1 1/2" NPT Cross
39	HOS0016654	Tension Regulator Hose
40	HOS1663201	Make-Up Cylinder Return Hose
41	HYD5205056	3/4" NPT 5/8" JIC Connector
42	SCC0050003	1/2"-13 x 1 1/4" NC Cap Screw (2 used)
43	SCC0050004	1/2"-13 x 1 1/2" NC Cap Screw (4 used)
44	WLK0000500	1/2" Lockwasher (6 used)
45	NCH0000500	1/2" NC Hex Nut (6 used)
46	FIL2310259	Filter
47	HYD3109063	3/4" x 3/8" NPT Bushing
48	HYD3109097	1 1/2" x 1" Bushing
49	HYD5205087	1" x 3/4" Male Connector
50	HYD5129060	3/4" JIC Cap

NOTES

MAIN SYSTEM FILTER (Serial - 0014)



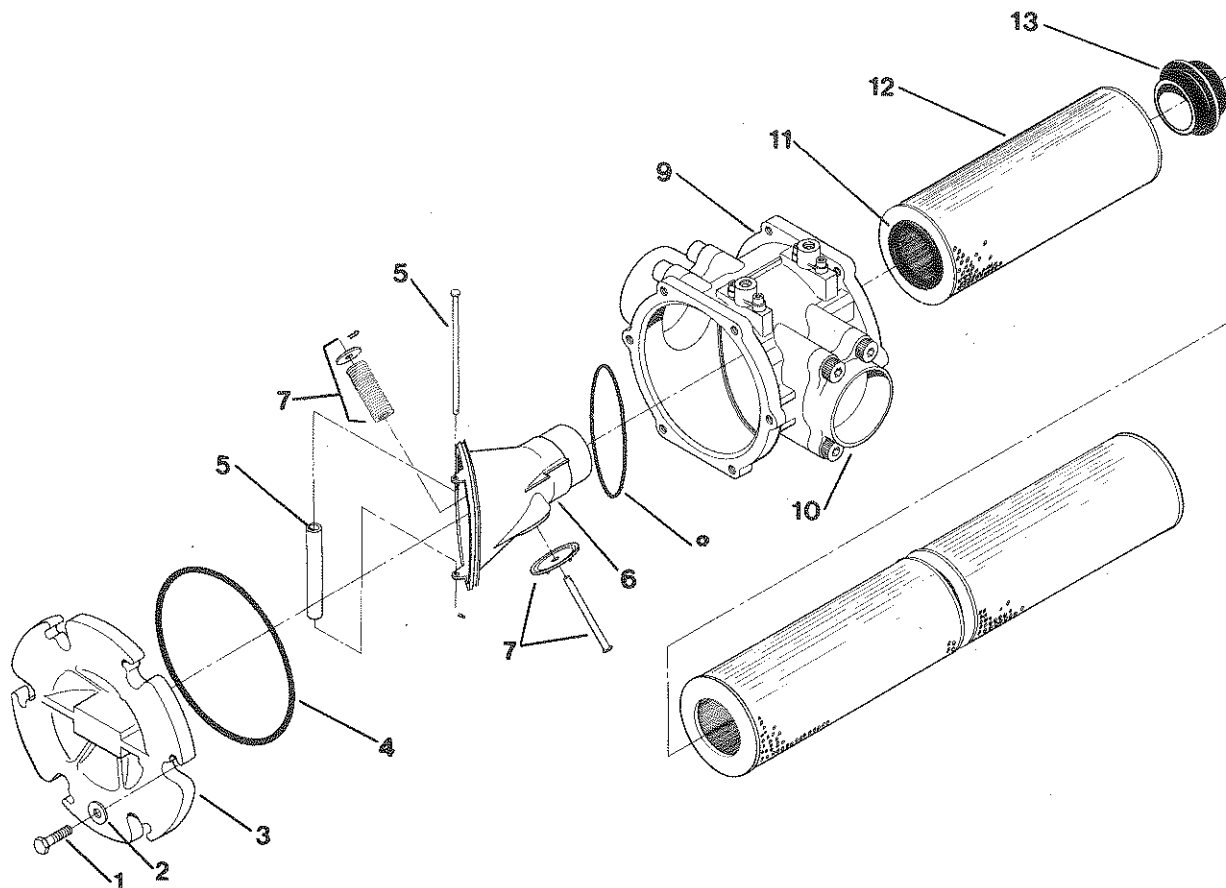
(A)

MAIN SYSTEM FILTER

REF. NO.	PART NO.	DESCRIPTION
	FIL2310258	Filter Complete
1	SCC0020002	$\frac{5}{16}$ " $\times$ 1" NC Cap Screw (4 used)
2	WCT0000313	$\frac{5}{16}$ " Cutwasher (4 used)
3	CVR0924634	Cover
4	RNGOV72350	"O"-Ring (2 used)
5	MAG0924948	Magnets
6	HAN0924319	Handle, Diverter W/Hitch Pin
7	FIL0924320	Diverter
8	VLV0924909	Poppet Valve Assembly 25 PSID
9	RNGOV72347	"O"-Ring Diverter
10	FIL0925972	Head Only
11	FLG0926010	2" Flange Kit
12	GRM0925026	Element End Cap (2 used)
13	FIL0924453	Single Element (3 used)
14	GRM0925025	Grommet, Element (2 used)

NOTES

MAIN SYSTEM FILTER (Serial + 0015)

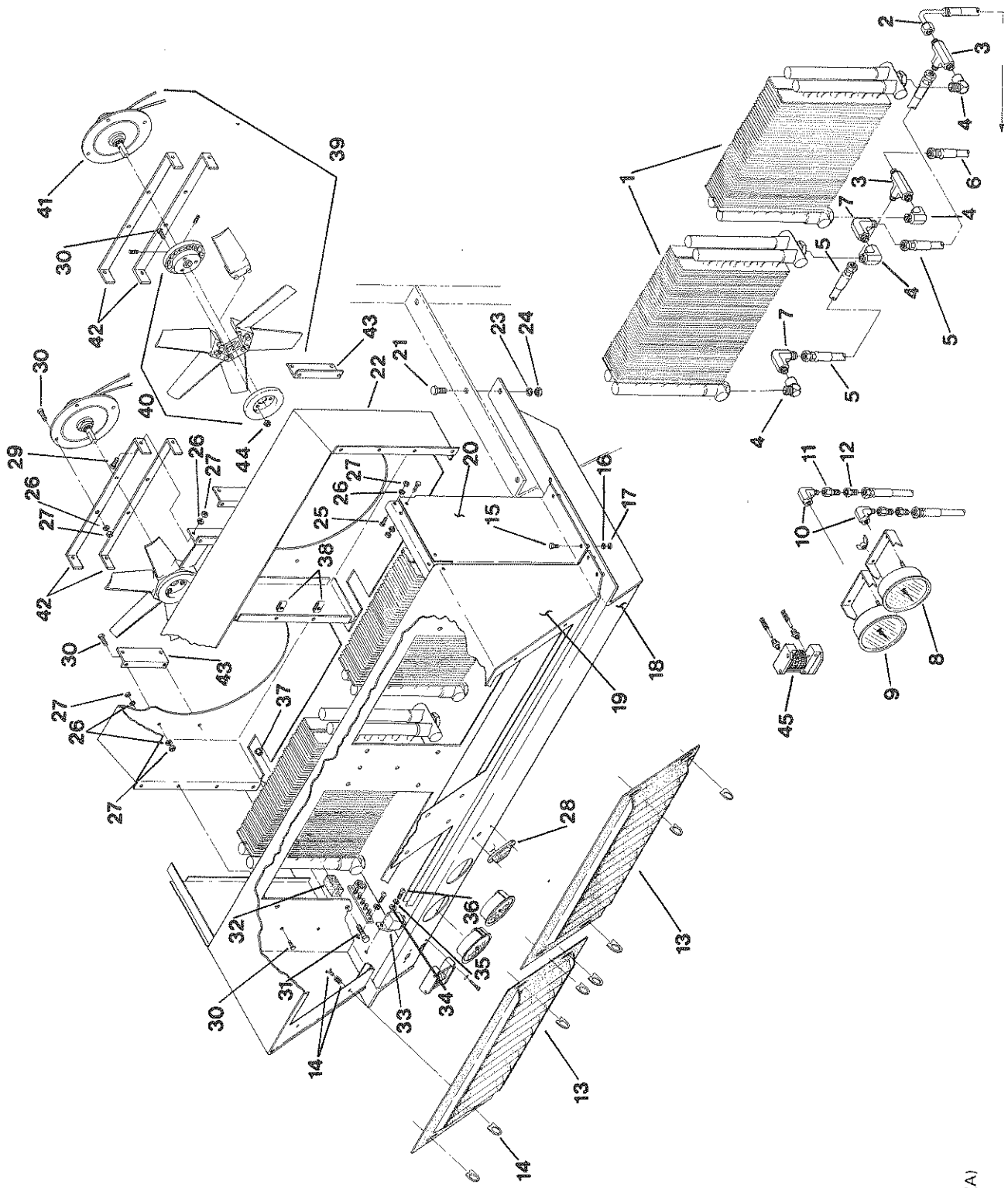


(B)

MAIN SYSTEM FILTER (Serial + 0015)

REF. NO.	PART NO.	DESCRIPTION
	FIL2310259	Filter Complete
1	SCC0020002	$\frac{5}{16}$ " $\times$ 1" NC Cap Screw (4 used)
2	WCT0000313	$\frac{5}{16}$ " Cutwasher (4 used)
3	CVR0924634	Cover
4	RNG0V72350	"O"-Ring (2 used)
5	HAN0924319	Handle, Diverter W/Hitch Pin
6	FIL0924320	Diverter
7	VLV0924909	Poppet Valve Assembly 25PSID
8	RNG0V72347	"O"-Ring Diverter
9	FIL0925972	Head Only
10	FLG0926011	1 $\frac{1}{2}$ " Flange Kit
11	GRM0925026	Element End Cap (2 used)
12	FIL0924453	Single Element (3 used)
13	GRM0925025	Grommet, Element (2 used)

OIL COOLER (Serial - 0014)

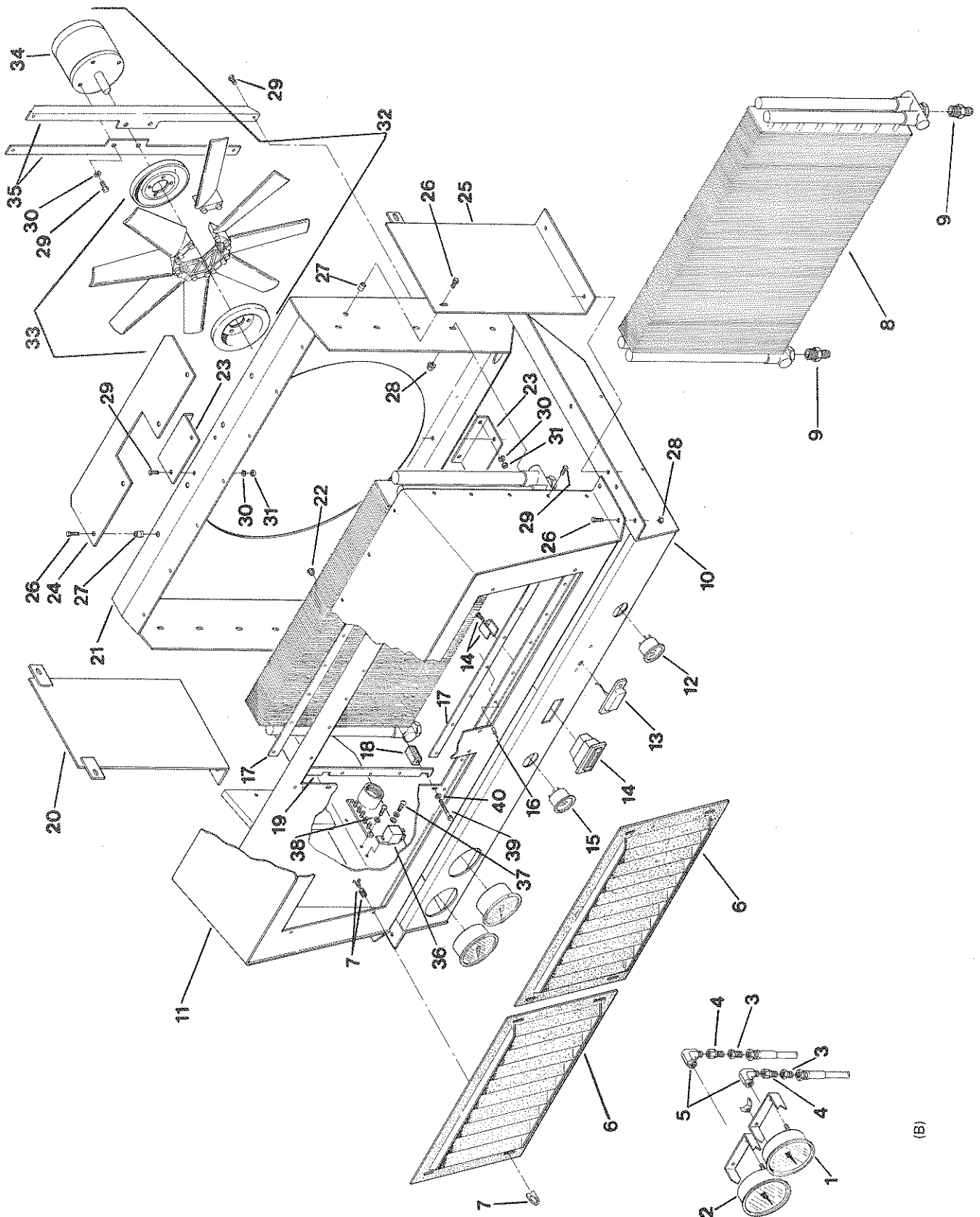


(A)

OIL COOLER (Serial – 0014)

REF. NO.	PART NO.	DESCRIPTION
1	CLR2061851	Oil Cooler (2 used)
2	HOS0016647	Hose Pump Case Drain
3	HYD5755060	$\frac{3}{4}$ " $\times$ $\frac{3}{4}$ " Male Run Tee (2 used)
4	HYD3409060	$\frac{3}{4}$ " $\times$ 90° Street Elbow (4 used)
5	HOS0016636	Hose-Oil Cooler Interconnect (2 used)
6	HOS0016650	Hose Oil Cooler
7	HYD5405060	$\frac{3}{4}$ " $\times$ 90° Male Elbow JIC (2 used)
8	GAG2335003	Gauge Liquid Fill Hyd 3000 PSI
9	GAG2335010	Gauge Liquid Fill Hyd 10000 PSI
10	HYD3409020	$\frac{1}{4}$ " $\times$ 90° Street Elbow (2 used)
11	HYD0010000	Pulsation Dampener (2 used)
12	HYD5255022	$\frac{1}{4}$ " $\times$ $\frac{1}{4}$ " Female Connector JIC (2 used)
13	GRL0015784	Oil Cooler Grill Screen (2 used)
14	FST0010401	Medium Duty Folding Handle Fastener (8 used)
15	SCC0020001	$\frac{5}{16}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw (8 used)
16	WLK0000313	$\frac{5}{16}$ " Lockwasher (8 used)
17	NCH0000313	$\frac{5}{16}$ " NC Hex Nut (8 used)
18	MNT0015746	Oil Cooler Mount
19	SHR0015739	Oil Cooler Exchange
20	SHD0015750	Oil Cooler Fan Shield
21	SCC0050002	$\frac{1}{2}$ " $\times$ 1" NC Cap Screw (4 used)
22	SHR0015743	Oil Cooler Fan Shroud
23	WLK0000500	$\frac{1}{2}$ " Lockwasher (4 used)
24	NCH0000500	$\frac{1}{2}$ " NC Hex Nut (4 used)
25	SCC0010000	$\frac{1}{4}$ " $\times$ $\frac{1}{2}$ " NC Cap Screw (6 used)
26	WLK0000250	$\frac{1}{4}$ " Lockwasher (30 used)
27	NCH0000250	$\frac{1}{4}$ " NC Hex Nut (30 used)
28	LIT0000107	Mini Lite
29	SCC0010002	$\frac{1}{4}$ " $\times$ 1" NC Cap Screw (8 used)
30	SCC0010001	$\frac{1}{4}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw (8 used)
31	SCC0020006	$\frac{5}{16}$ " $\times$ 2" NC Cap Screw (8 used)
32	CLR0002094	Mounting Block-Oil Cooler (8 used)
33	REL0000332	Relay SPST #10-332-204150
34	WCT0000100	#10 Cutwasher (2 used)
35	WIS0001000	#10 Internal Star Lockwasher (3 used)
36	SMR1032500	10-32 $\times$ $\frac{1}{2}$ " R.H. Machine Screw (3 used)
37	CLR0002353	Tee Nut-Oil Cooler (8 used)
38	NCC0002500	$\frac{1}{4}$ " AVECO Cage Nut #5586 (2 used)
39	FAN0100115	Electric Fan 126 DC (2 used)
40	FAN0101151	Fan Blade Assembly (2 used)
41	FAN0101150	Motor, W/FAN0100115 (2 used)
42	SUP0017203	Fan Mount Support (4 used)
43	ANC0017205	Fan Mount Anchor (4 used)
44	NCE0000250	$\frac{1}{4}$ " NC ESNA Nut (6 used)
45	FIL0924776	Remote Filter Indicator

OIL COOLER (Serial +0015)

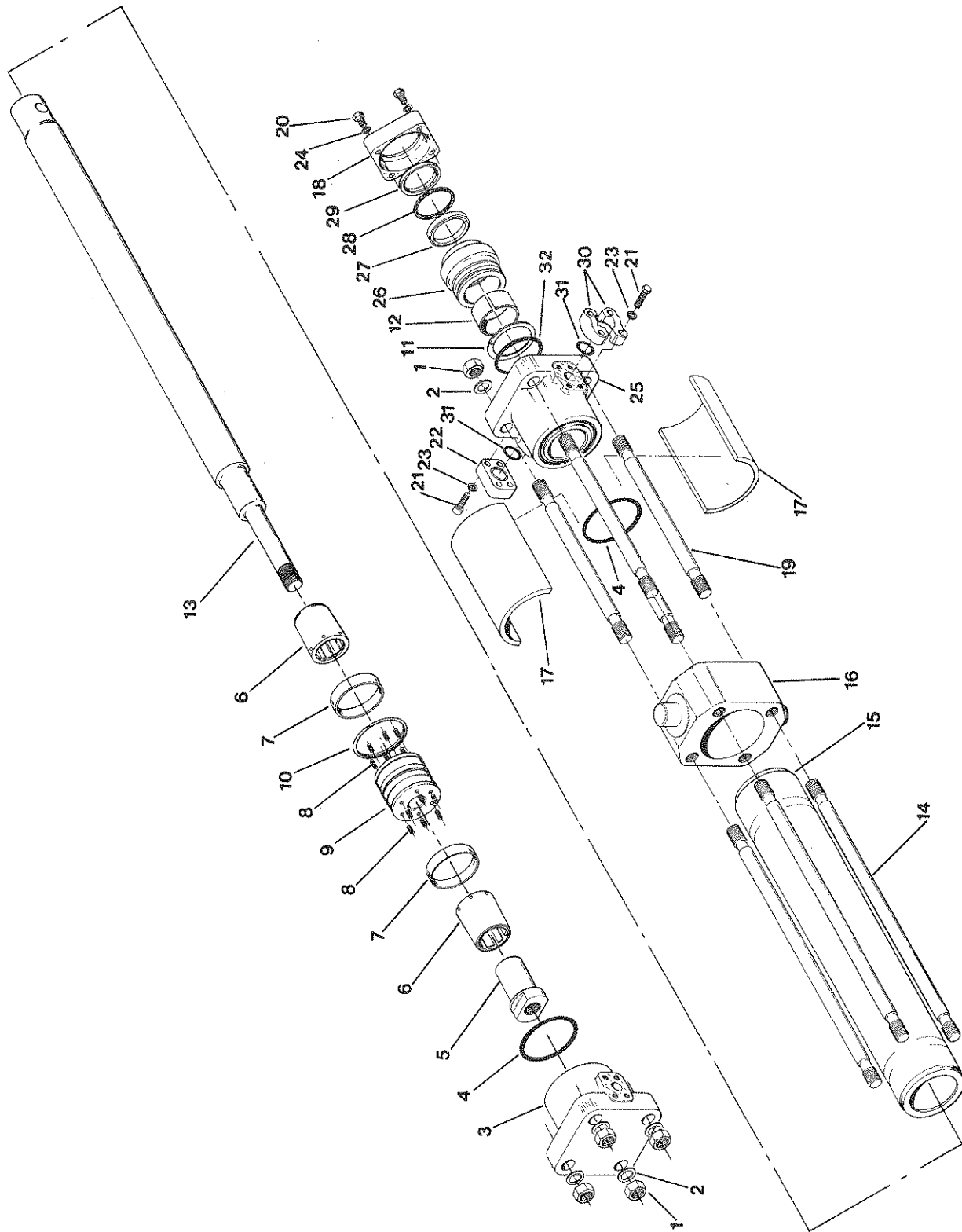


(B)

OIL COOLER (Serial +0015)

REF. NO.	PART NO.	DESCRIPTION
1	GAG2335003	Gauge, Liquid Fill 3000 PSI
2	GAG2335010	Gauge, Liquid Fill 10000 PSI
3	HYD5255022	1/4" x 1/4" Connector-Female JIC (2 used)
4	HYD0010000	Pulsation Dampener (2 used)
5	HYD3409020	1/4" x 90° Street Elbow (2 used)
6	GRL0015784	Oil Cooler Grill Screen (2 used)
7	FST0010401	Medium Duty Folding Handle Fastners (8 used)
8	CLR0020833	Trans Cooler
9	HYD5205067	1" x 3/4" Connector, JIC Male (2 used)
10	MNT0017420	Oil Cooler Mount Assembly
11	SHD0017424	Oil Cooler Shroud and Mount
12	GAG0082115	Gauge, Oil Temperature
13	LIT0000107	Mini Lite
14	HYD0162037	Remote Hydraulic Indicator
15	GAG0082112	Gauge Voltage Meter
16	RIV0000604	3/16" x 1/4" Stainless Steel Rivet
17	SPC0017429	Heat Exchange Spacer (2 used)
18	CLR0002094	Mounting Block-Oil Cooler (4 used)
19	SPC0017430	Heat Exchange Spacer (2 used)
20	SHD0017452	Right Fan Shield
21	SHR0017431	Fan Shroud Plate
22	CLR0002353	Tee Nut-Oil Cooler (4 used)
23	MNT0017434	Oil Cooler Fan Mount (2 used)
24	GRD0017435	Oil Cooler Fan Guard
25	SHD0017450	Left Fan Shield
26	SMS0000184	5/16" x 3/4" NC Whiz Bolt (16 used)
27	ZZ 0000500	5/16" Nut Zerk (14 used)
28	NMS0000253	5/16" NC Whiz Nut (25 used)
29	SCC0020001	5/16" x 3/4" Cap Screw (35 used)
30	WLK0000313	5/16" Lockwasher (12 used)
31	NCH0000313	5/16" NC Hex Nut (12 used)
32	FAN5000210	Fan and Electric Motor
33	FAN5000212	Fan Assembly
34	FAN5000211	Electric Motor
35	SUP0017433	Oil Cooler Fan Support (2 used)
36	REL0000332	Relay SPST #0-332-2-4150
37	WIS0001000	#10 Internal Star Lockwasher (3 used)
38	SMR1032500	10-32 x 1/2" R.H. Machine Screw (3 used)
39	SCC0020007	5/16" x 2 1/4" NC Cap Screw (4 used)
40	WCT0000313	5/16" Cutwasher (4 used)

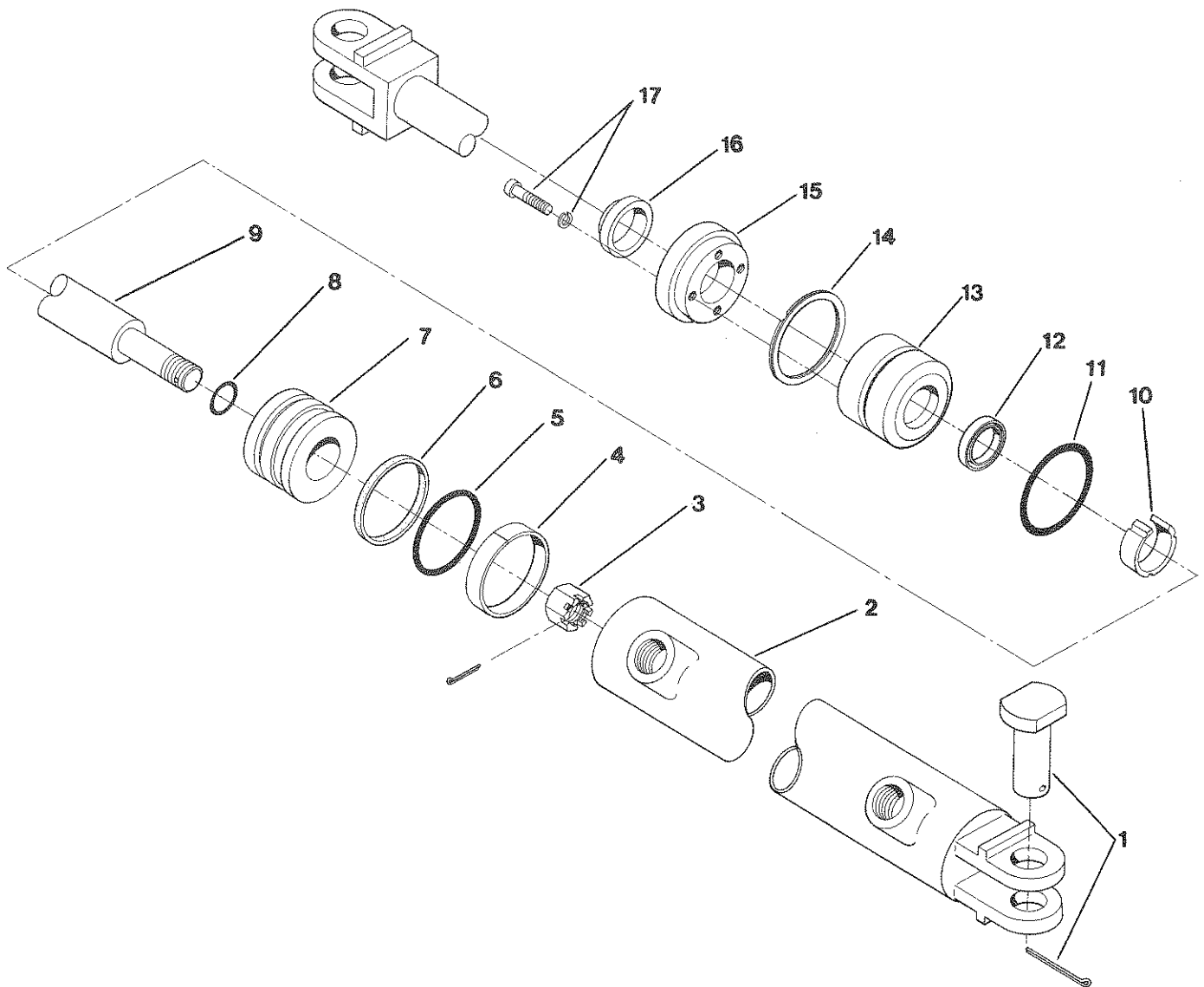
PLUNGER CYLINDER



PLUNGER CYLINDER

REF. NO.	PART NO.	DESCRIPTION
	CYL0001500	Complete Plunger Cylinder
1	NFH0001250	1 1/4" NF Hex Nut (4 used)
2	WAS0015783	1 1/4" Tie Rod Washer (8 used)
3	CYL0017081	Cylinder Base
4	RNG0002250	O-Ring 2-250 (2 used)
5	CYL0013532	Cylinder Rod Nut
6	CYL0013535	Cylinder Cushions (2 used)
7	BRG4251125	4 1/4" x 1" x 1.25" Wear Ring (2 used)
8	F 0000169	Compression Springs (12 used)
9	CYL0013475	Piston
10	RNG0000914	Piston Ring
11	RNG0008346	8-346 Back-up Ring
12	BRG3252125	Piston Rod Bearing
13	CYL0013477	Cylinder Rod
14	CYL0017121	Tie Rod (Long) (4 used)
15	CYL0013525	Cylinder Barrel
16	CYL0016082	Plunger Cylinder Trunion
17	CYL0017064	Trunion Spacer (2 used)
18	CYL0013474	Packing Gland Retainer
19	CYL0017120	Tie Rod (Short) (4 used)
20	SCC0050008	1/2"-13 x 2 1/2" Cap Screw (4 used)
21	SCC0040005	7/16"-14 x 1 3/4" Cap Screw (16 used)
22	FLG0001660	1" Blind Flange W/O-Ring
23	WLK0000438	7/16" Lockwasher (16 used)
24	WLK0000500	1/2" Lockwasher (4 used)
25	CYL0017080	Plunger Cylinder Head
26	CYL0013476	Packing Gland
27	SEL0001203	001-203 Rod Seal
28	FLT0003125	Felt Ring
29	WIP0006036	Rod Wiper
30	FLG0001501	1" Split Flange Kit
31	F 0006450	O-Ring
32	RNG0008346	2-346 "O"-Ring

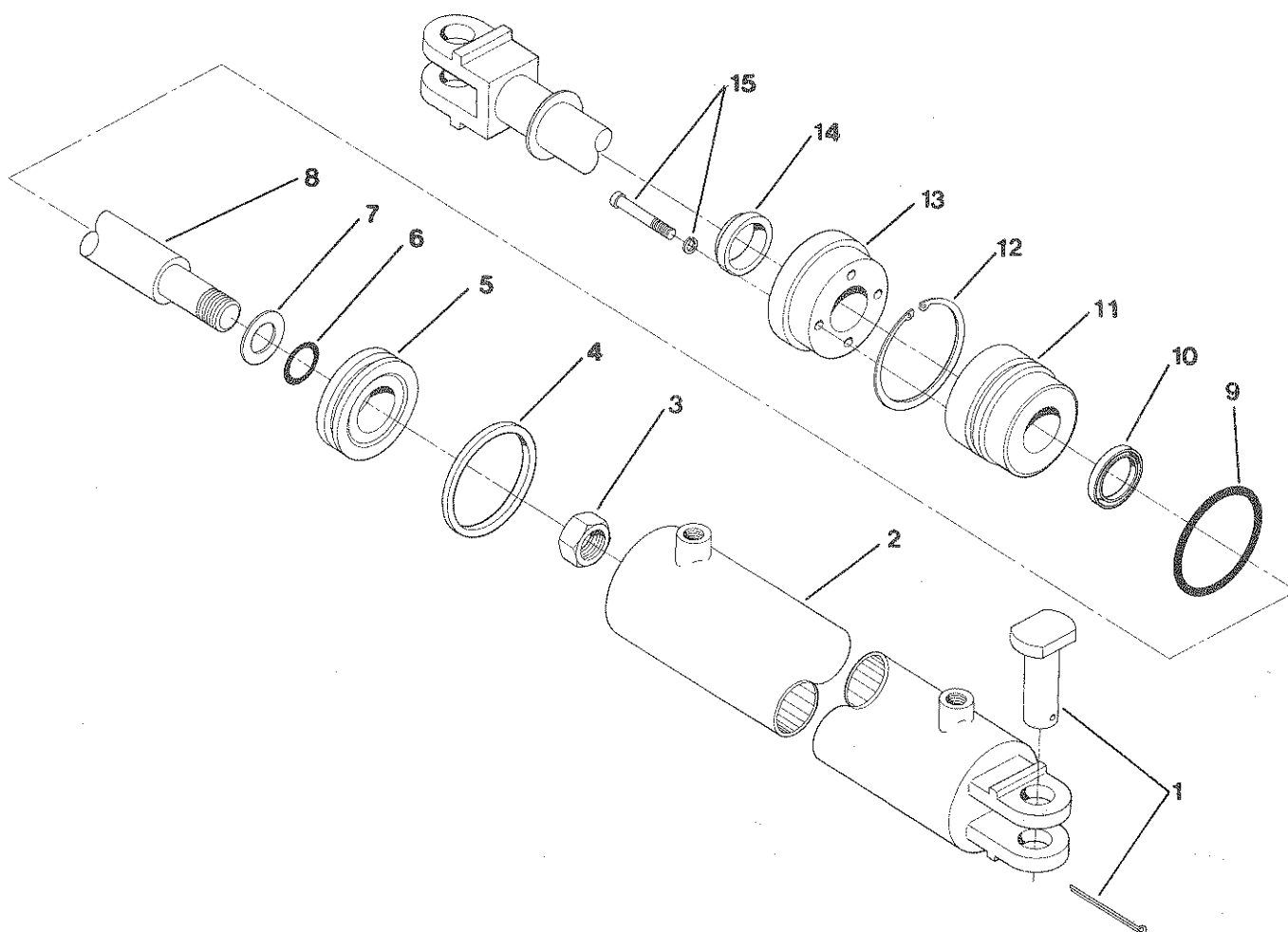
MAKEUP CYLINDER



MAKE UP CYLINDER

REF. NO.	PART NO.	DESCRIPTION
1	HYP FA22-P	Clevis Pin and Cotter Pin
2	HYPFA2234C	Tube Assembly
3	HYP FA22-N	Piston Lock Nut
4	HYPFA22PWR	Piston Wear Ring
5	HYPFA22-PO	Piston O-Ring
6	HYPFA22-PS	Piston Seal Teflon Bronze
7	HYP FA22-V	Piston
8	HYPFA2234SO	Small O-Ring
9	HYP FA22-S	Shaft Assembly
10	HYPFA22RWR	Rod Wear Ring
11	HYP FA22-O	Head O-Ring
12	HYPFA22-US	Shaft Packing
13	HYP FA22-E	Head
14	HYP FA22LR	Spiral Lock Ring
15	HYP FA22G	Packing Gland
16	HYP FA22RW	Rod Wiper
17	HYP FA22-T	Gland Bolt and Lockwasher (4 used)
	SEL0001501	Seal Kit

TENSION CYLINDER

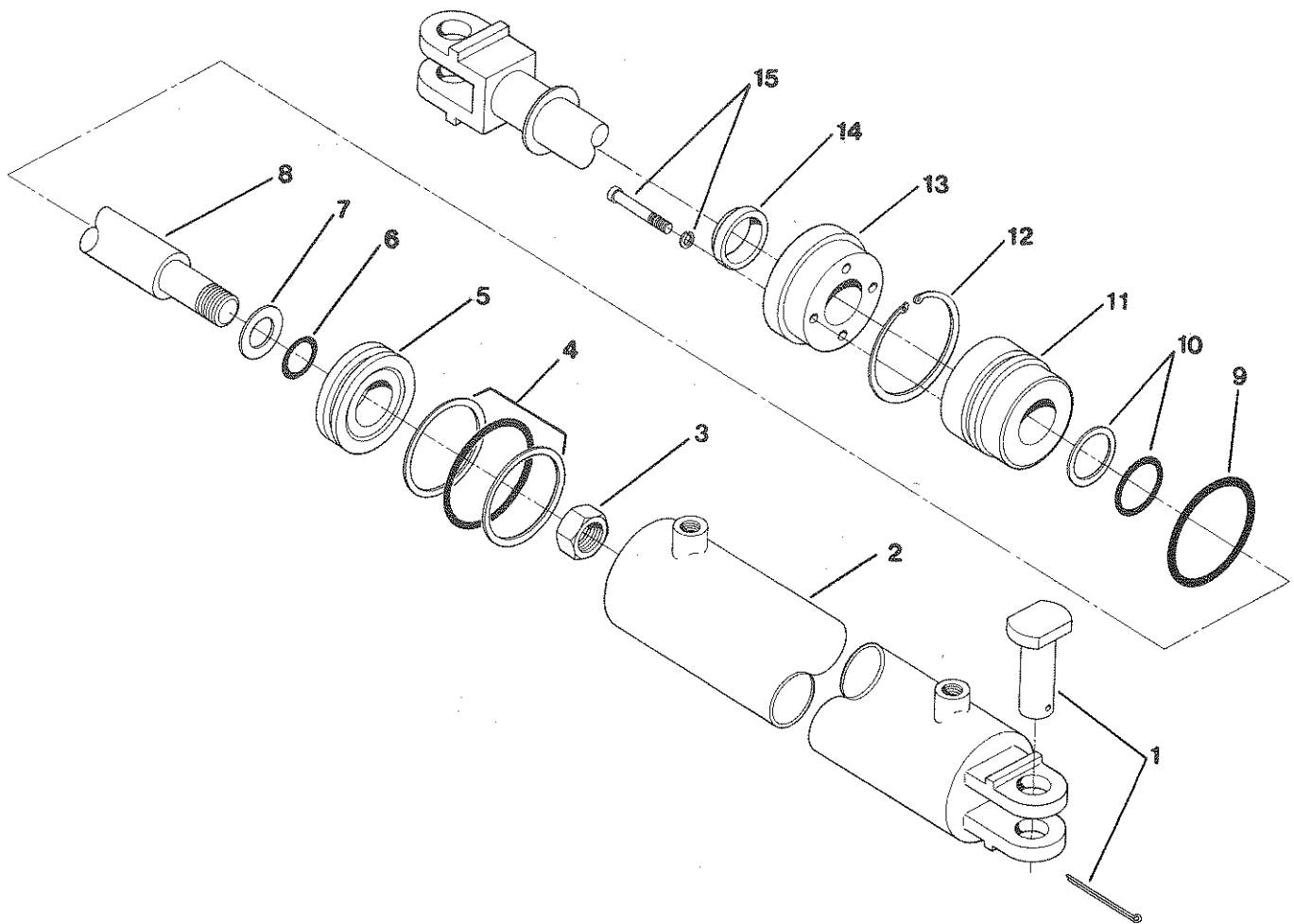


TENSION CYLINDERS

REF. NO.	PART NO.	PART NO.	DESCRIPTION
	35 × 16	4 × 8	
1	HYP FA35P	HYP FA4P	Clevis Pin and Cotter Pin
2	HYPFA3516C	HYP FA48C	Tube Assembly
3	HYP FA35N	HYP FA4N	Piston Lock Nut
4	HYP FA35UP	HYP FA4UP	Piston Packing
5	HYP FA35V	HYP FA4V	Piston
6	HYP FA35SO	HYP FA4SO	Small O-Ring
7	HYP FA35M	HYP FA4M	Steel Washer
8	HYPFA3516S	HYP FA48S	Shaft Assembly
9	HYP FA35O	HYP FA4O	Head O-Ring
10	HYP FA35US	HYP FA4US	Shaft Packing
11	HYP FA35E	HYP FA4E	Head
12	HYP FA35LR	HYP FA4LR	Lock Ring
13	HYP FA35G	HYP FA4G	Packing Gland
14	HYP FA35RW	HYP FA4RW	Rod Wiper
15	HYP FA35T	HYP FA4T	Gland Bolt and Lockwasher (4 used)
	SEL0001504	SEL0001503	Seal Kit

NOTES

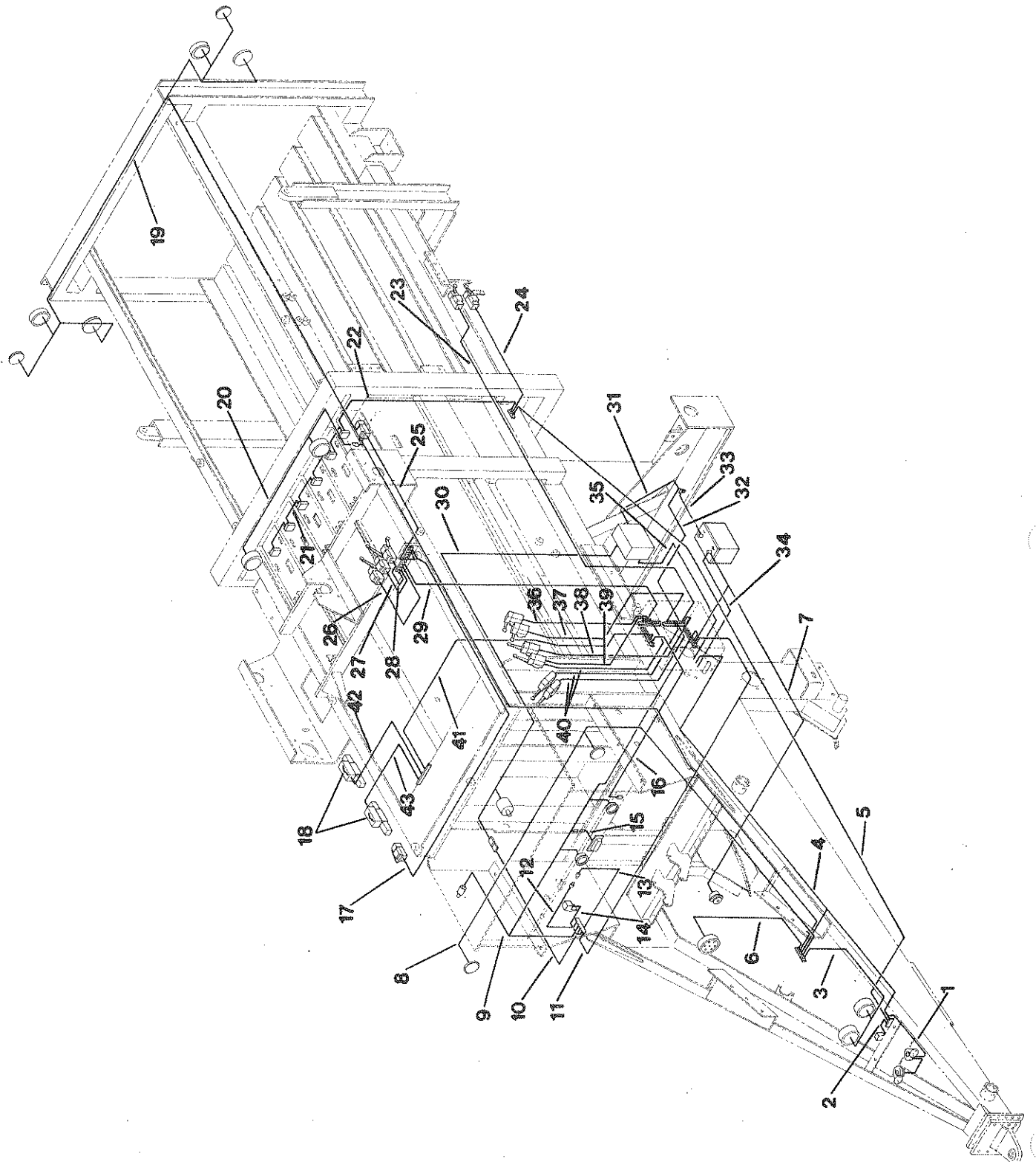
PICKUP CYLINDER



PICKUP CYLINDER

REF. NO.	PART NO.	DESCRIPTION
1	HYP FA2P	Clevis Pin and Cotter Pin (2 used)
2	HYP FA25-C	Tube Assembly
3	HYP FA2N	Piston Lock Nut
4	HYP FA2PO	Piston O-Ring Assembly
5	HYP FA2V	Piston
6	HYP FA2SO	Small O-Ring
7	HYP FA2M	Steel Washer
8	HYP FA25-S	Shaft Assembly
9	HYP FA2O	Head O-Ring
10	HYP FA2US	Shaft Packing (set)
11	HYP FA2E	Head
12	HYP FA2LR	Head Lock Ring
13	HYP FA2G	Packing Gland
14	HYP FA2RW	Rod Wiper
15	HYP FA2T	Packing Gland Bolt and Lockwasher (4 used)
	SEL0001505	Seal Kit

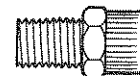
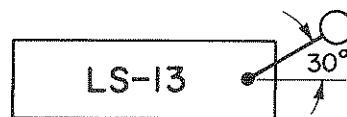
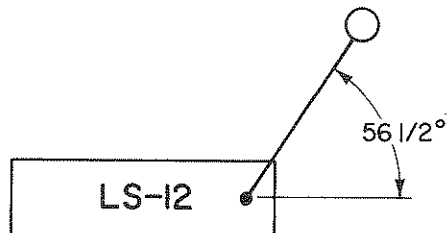
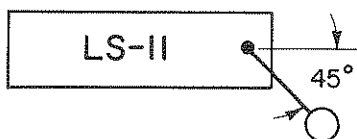
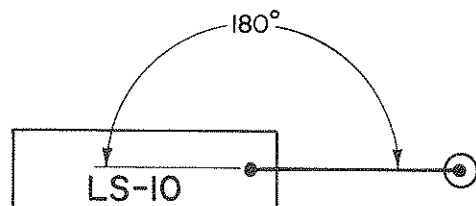
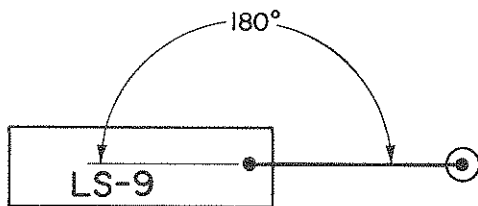
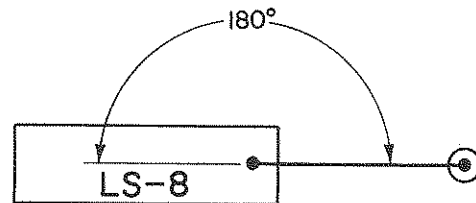
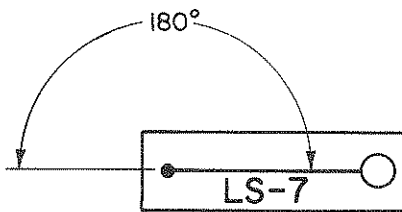
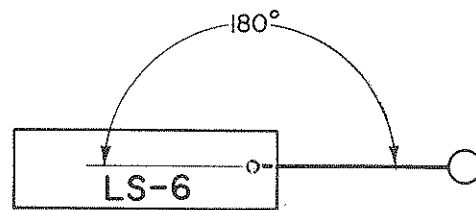
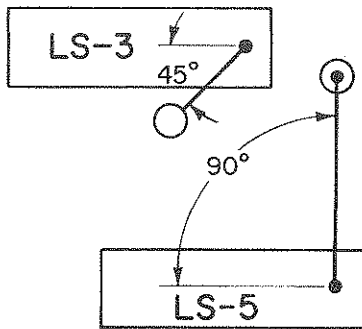
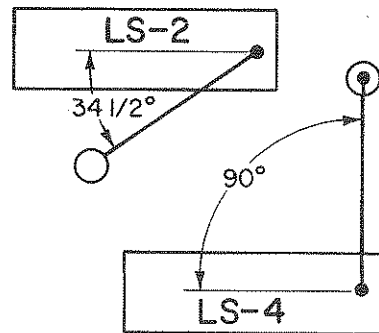
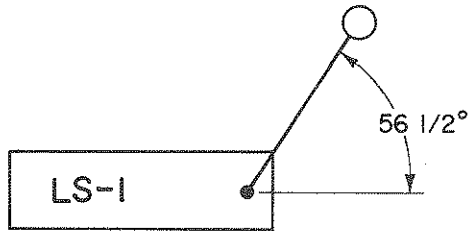
WIRE HARNESS LOCATION



WIRE HARNESS LOCATION

REF. NO.	PART NO.	DESCRIPTION
1	HRN0017591	Right Horn Wire
	HRN0018442	Left Horn Wire
2	HRN0018053	Horn Relay
3	HRN0017875	Pickup Work Light
4	HRN0018059	JB-6 To JB-5 To Control Box
5	HRN0018286	JB-3 To JB-6
6	HRN0017854	7 Conductor Receptacle
7	HRN0017880	Alternator To Control Box
8	HRN0017874	Front Warning Light
9	HRN0018051	Gauge Panel
10	HRN0018297	JB-4 To Horn
11	HRN0018040	Thermostat JB-4 To TB-4
12	THM0016264	170 F Thermostat
13	THM0018054	220 F Thermostat
14	HRN0018056	Thermostat
15	LIT0018048	Over Temperature Light
16	HRN0018057	TB-1 To Servo Controller
17	HRN0017867	LS-2 To JB-2
18	HRN0018285	Jumper Wire
19	HRN0017873	Rear Light
20	HRN0017872	Knotter Work Light
21	HRN0018284	Twine Sensor Light (5 used)
22	HRN0018283	JB-3 To Sensor Switch
23	HRN0017869	LS-11 To TB-3
24	HRN0017871	LS-13 To JB-3
25	HRN0017617	LS-7 To JB-2
26	HRN0017866	LS-1 To JB-2
27	HRN0017870	LS-12 To JB-2
28	HRN0017598	LS-3 To JB-2
29	HRN0017879	Control Box To TB-2
30	HRN0018298	Fan Control To Motor
31	HRN0018303	Fan Control Box To Ground
32	HRN0018306	Control Box Ground
33	HRN0018301	Battery Ground Strap
34	HRN0018300	Battery To Panel Switch
35	HRN0018302	Fan Control Box To Power
36	HRN0017620	LS-5 To TB-2
37	HRN0017641	LS-4 To TB-2 and TB-3
38	HRN0017621	LS-6 To TB-3
39	HRN0017618	LS-8 To TB-2
40	HRN0017868	LS-8, LS-9 and LS-10 To Control Box (3 used)
41	HRN0018331	JB-1 To TB-1
42	HRN0018332	Feed Fork Valve To TB-1
43	HRN0018333	Knotter Valve To TB-1

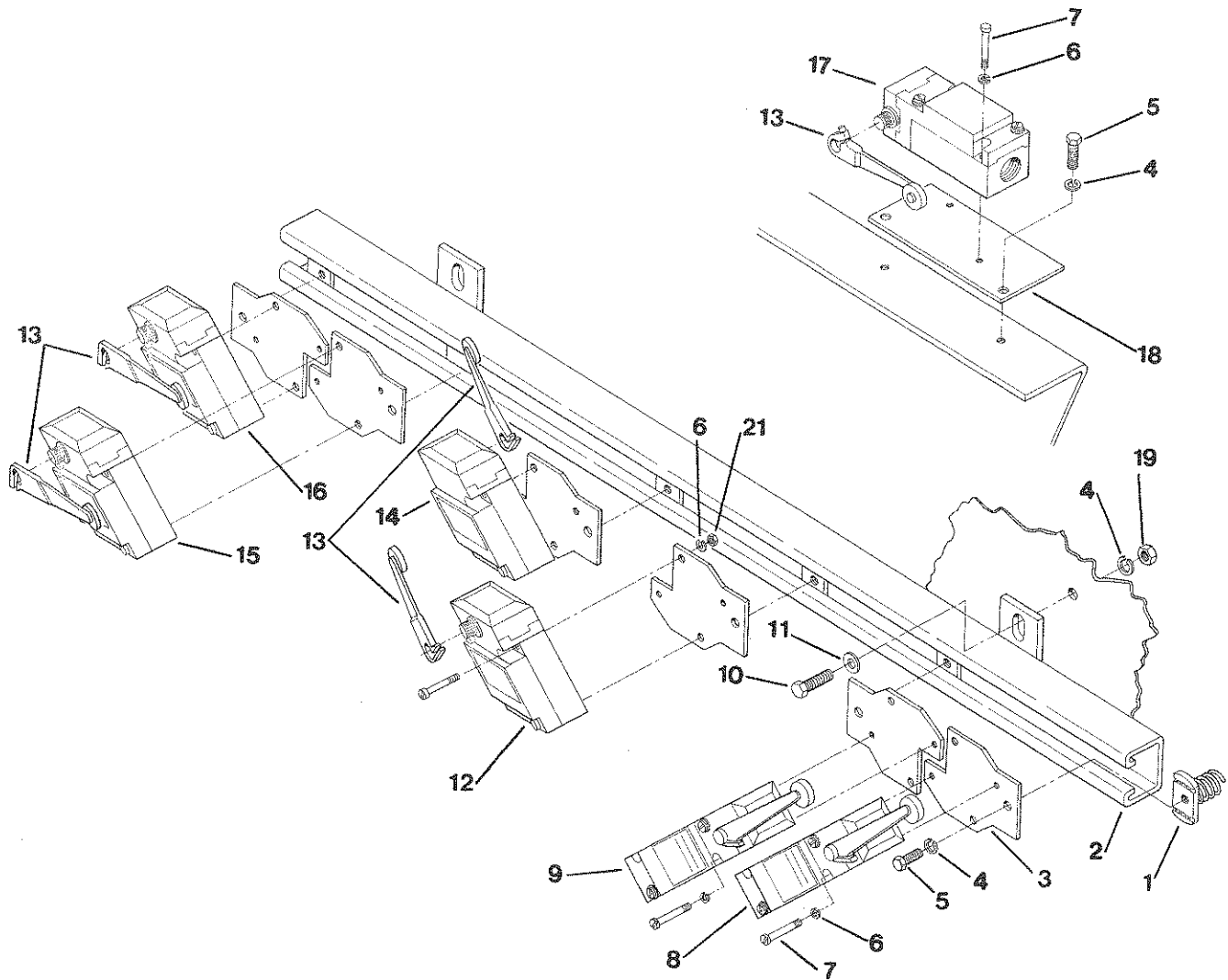
LIMIT SWITCH ARM POSITION



LIMIT SWITCH ARM POSITION

REF. NO.	PART NO.	DESCRIPTION
1	ELC0005081	Limit Switch-1 Knotter Stop/Plunger Safety Knotter.
	CNR0000194	1/2" Connector
2	ELC0005079	Limit Switch-2 Plunger Delay Feeder.
	CNR0000193	3/8" To 1/2" Connector
3	ELC0005079	Limit Switch-3 Full Charge.
	CNR0000193	3/8" To 1/2" Connector
4	ELC0005081	Limit Switch-4 Plunger Advance Decel.
	CNR0000194	1/2" Connector
5	ELC0005079	Limit Switch-5 Plunger Return Plunger.
	CNR0000193	3/8" To 1/2" Connector
6	ELC0005079	Limit Switch-6 Plunger Return Delay.
	CNR0000193	3/8" To 1/2" Connector
7	ELC0005079	Limit Switch-7 Knotter Reversing.
	CNR0000193	3/8" To 1/2" Connector
8	ELC0005079	Limit Switch-8 Feeder Early Start.
	CNR0000193	3/8" To 1/2" Connector
9	ELC0005079	Limit Switch-9 Plunger Return Decel.
	CNR0000193	3/8" To 1/2" Connector
10	ELC0005079	Limit Switch-10 Plunger Return Stop.
	CNR0000193	3/8" To 1/2" Connector
11	ELC0005081	Limit Switch-11 Knotter Trip.
	CNR0000194	1/2" Connector
12	ELC0005079	Limit Switch-12 Plunger Early Start Knotter.
	CNR0000193	3/8" To 1/2" Connector
13	ELC0005079	Limit Switch-13 Twine Sensor Trip.
	CNR0000193	3/8" To 1/2" Connector
	ELC0005001	Lever Arm MA-11, 1 1/2"
	ELC0005084	Lever Arm EA-11, 3"

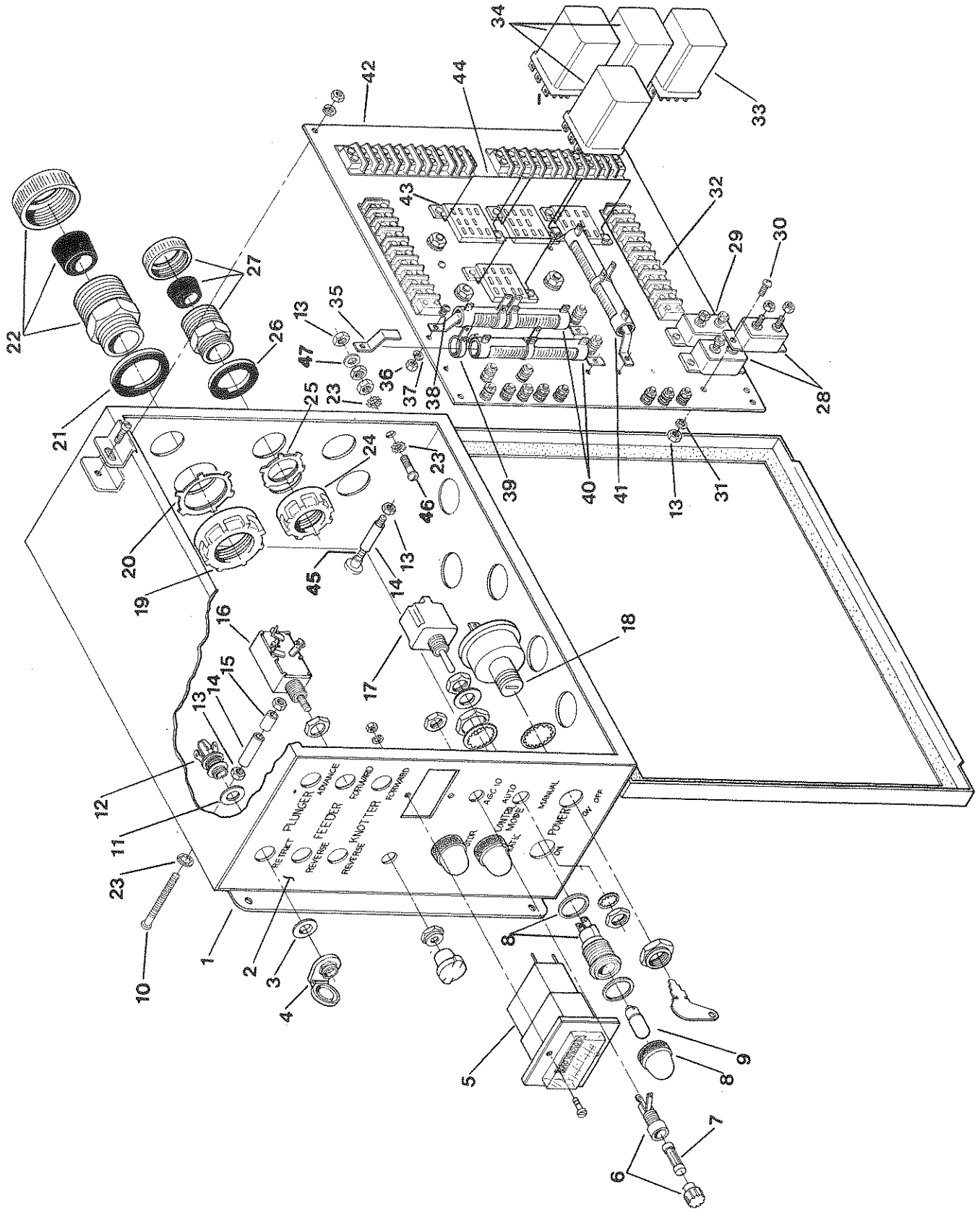
PLUNGER LIMIT SWITCHES



PLUNGER LIMIT SWITCHES

REF. NO.	PART NO.	DESCRIPTION
1	NMS0001007	$\frac{5}{16}$ " NC Unistruct Nut (6 used)
2	MNT0015827	Mounting Channel Assembly
3	MNT0015823	Plunger Switch Mount (6 used)
4	WLK0000313	$\frac{5}{16}$ " Lockwasher (12 used)
5	SCC0020001	$\frac{5}{16}$ " $\times$ $\frac{3}{4}$ " NC Cap Screw (8 used)
6	WLK0000100	#10 Lockwasher (14 used)
7	SMR1032150	10-32 $\times$ $1\frac{1}{2}$ " NF Machine Screw R.H. (14 used)
8	ELC0005079	L-S10 Plunger Return Stop
9	ELC0005079	L-S9 Plunger Return Decel.
10	SCC0020002	$\frac{5}{16}$ " $\times$ 1" NC Cap Screw (4 used)
11	WCT0000313	$\frac{5}{16}$ " Cutwasher (3 used)
12	ELC0005079	L-S8 Feeder Early Start
13	ELC0005084	Lever Arm EA-11, 3" (7 used)
14	ELC0005079	L-S6 Plunger Return Delay
15	ELC0005081	L-S4 Plunger Advance Decel
16	ELC0005079	L-S5 Plunger Return Plunger
17	ELC0005079	L-S7 Knotter Reversing Saftey Switch
18	MNT0015802	Knotter Reversing Saftey Switch Mount
19	NCH0000313	$\frac{5}{16}$ " NC Hex Nut (4 used)
20	NFH0001032	10-32 NF Hex Nut (8 used)

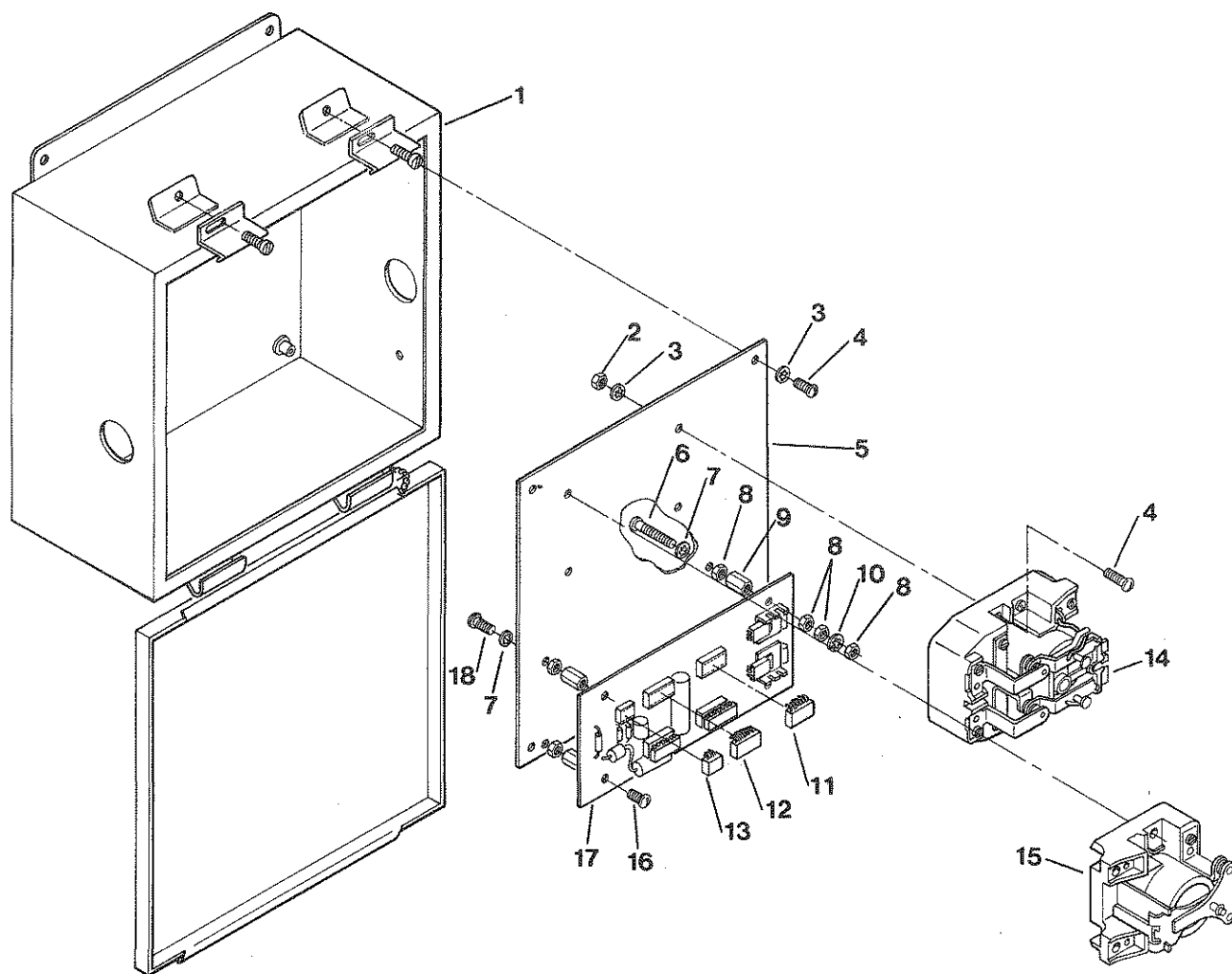
MAIN CONTROL BOX



MAIN CONTROL BOX

REF. NO.	PART NO.	DESCRIPTION
1	ELC0172950	Complete Control Box
	ELC0172951	Control Box W/O Relay Panel
	ELC0017295	Control Box Only
2	FD 0017296	Control Box Decal
3	WAS5607129	Nylon Shoulder Washer (6 used)
4	ELC0005403	Phone Jack Cover (6 used)
5	BC00011631	Bale Counter Indicator
6	ELC0000025	Fuse Holder W/Nut
7	ELC0000036	Fuse AGC-10
8	LIT1690410	Indicator Light (3 used)
9	LIT0001815	Light Bulb No 1815 (3 used)
10	SMR1032225	10-32 $\times$ 2 $\frac{1}{4}$ " R.H. Screw (2 used)
11	WAS5617731	Nylon Flatwasher (6 used)
12	ELC0005402	Phone Jack (6 used)
13	NFE0001032	10-32 NFE Nut (15 used)
14	SPC1557032	1" $\times$ $\frac{3}{16}$ " Spacer (4 used)
15	SPC1557014	$\frac{3}{16}$ " $\times$ $\frac{3}{16}$ " Spacer (2 used)
16	ELC0005065	On-Off Pull Type Switch
17	ELC0005028	Manual Auto Switch
18	ELC0005091	On/Off Ignition Switch W/key
	KEY0083357	Ignition Key
19	BSH0000223	$\frac{3}{4}$ " Strain Relief Plastic Bushing
20	NMS0000153	$\frac{3}{4}$ " Strain Relief Lock Nut
21	RNG0005263	$\frac{3}{4}$ " Strain Relief Seal Ring
22	CNR0000297	$\frac{3}{4}$ " $\times$ $\frac{7}{16}$ " Connector
23	WIS0001000	#10 Internal Star Lockwasher (10 used)
24	BSH0000222	$\frac{1}{2}$ " Strain Relief Bushing (6 used)
25	NMS0000150	$\frac{1}{2}$ " Strain Relief Lock Nut (6 used)
26	RNG0005262	$\frac{1}{2}$ " Strain Relief Seal Ring (6 used)
27	CNR0000194	$\frac{3}{8}$ " $\times$ $\frac{1}{2}$ " Connector (6 used)
28	ELC0005530	30 AMP Circuit Breaker (2 used)
29	ELC3005540	40 AMP Circuit Breaker
30	SMR1032050	10-32 $\times$ $\frac{1}{2}$ " Machine Screw (6 used)
31	WIS0000100	#10 Internal Star Lockwasher (6 used)
32	BAB0000101	Barrier Block (4 used)
33	03-182	Standard Relay .12 V DC W388CPx10
34	RELO253781	Magnetic Latching Relay (3 used)
35	BKT0001398	Mounting Bracket Power Resistor (6 used)
36	NMS0001189	6-32 NF Nut (6 used)
37	WIS0000600	#6 Internal Star Lock Washer (6 used)
38	SMR6320375	6-32 $\times$ $\frac{3}{8}$ " Machine Screw (6 used)
39	ELC0005401	Adjustable Lug (2 used)
40	ELC0045019	100 OHM Power Resistor (2 used)
41	ELC0045022	200 OHM Power Resistor
42	ELC0050009	Complete Wired Panel
43	SOK2031181	Relay Socket (4 used)
44	CIP2090200	Relay Hold Down Wire (4 used)
45	STD0017449	Mounting Stud (4 used)
46	SMR1032075	10-32 $\times$ $\frac{3}{4}$ " Round Head Machine Screw
47	WCB0000100	#10 Brass Flatwasher
	ELC0016762	Manual Operation Pendant (Not Shown)

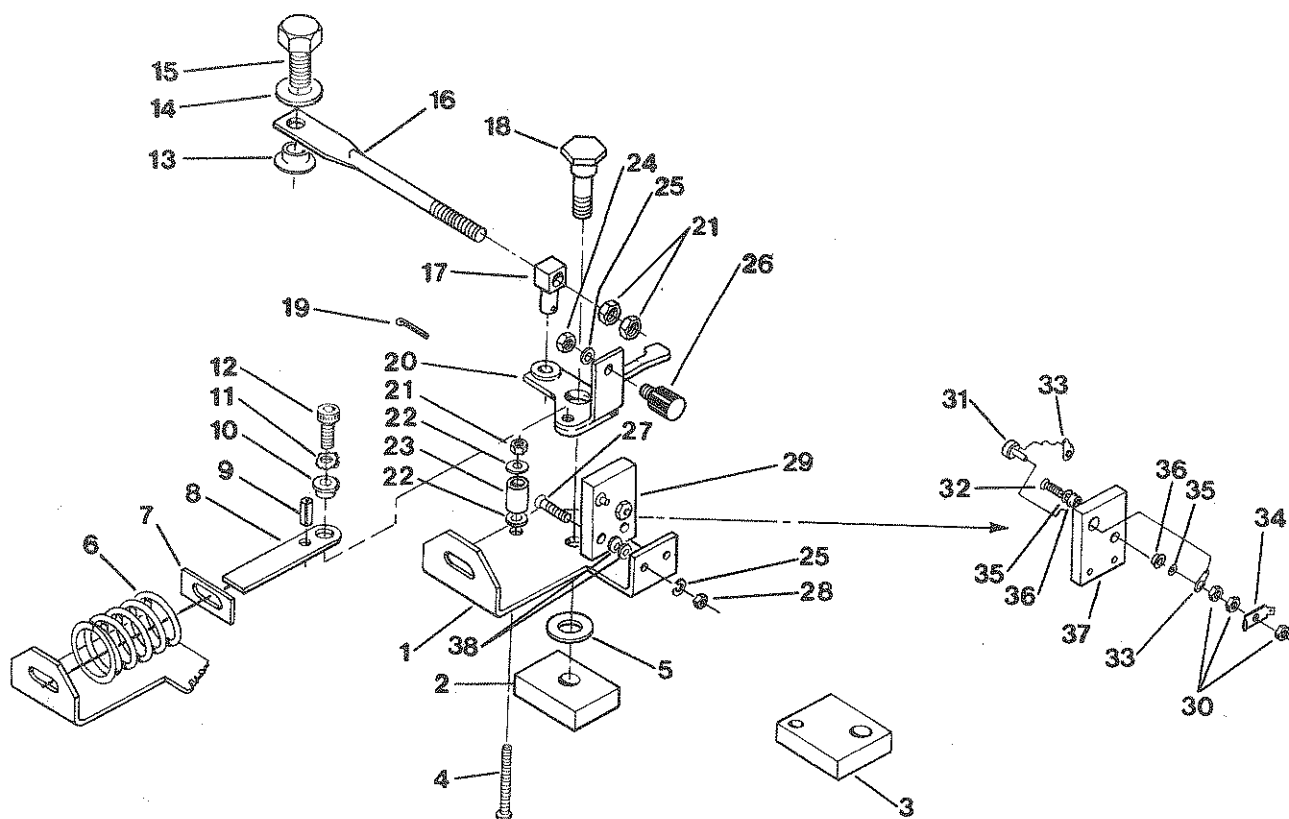
FAN CONTROL BOX



FAN CONTROL BOX

REF. NO.	PART NO.	DESCRIPTION
1	ELC0174830	Complete Fan Control Box
	BOX0016829	Fan Control Box
2	NFE0001032	10-32 N.F. Nut (4 used)
3	WIS0001000	#10 Internal Star Lockwasher (8 used)
4	SMR1032500	10-32 x 1/2" R.H. Machine Screw (8 used)
5	ELC0168300	Fan Sequence Panel Complete
	PNL0016830	Panel Board Only
6	SMR6321250	6-32 x 1 1/4" R.H. Machine Screw
7	WIS0000600	#6 Internal Star Lockwasher (4 used)
8	NMS0001189	6-32 Nut (7 used)
9	SPC0843200	#6 x 2" Thread Hex Spacer (4 used)
10	WCT0000600	#6 Cutwasher
11	ELC0046019	14011 Gate BCPRR8343 (2 used)
12	ELC0046013	14017 B. Counter CPRR8327 (2 used)
13	ELC0046020	ICM7555 Clock IPA8343 SC
14	REL0001112	Relay PRD 11 DYO
15	REL0000312	Relay PRD 3 DYO
16	SMR6320250	6-32 x 1/4" R.H. Machine Screw (3 used)
17	ELC0005008	Complete Fan Sequence Board only
18	SMR6320375	6-32 x 3/8" R.H. Machine Screw (3 used)

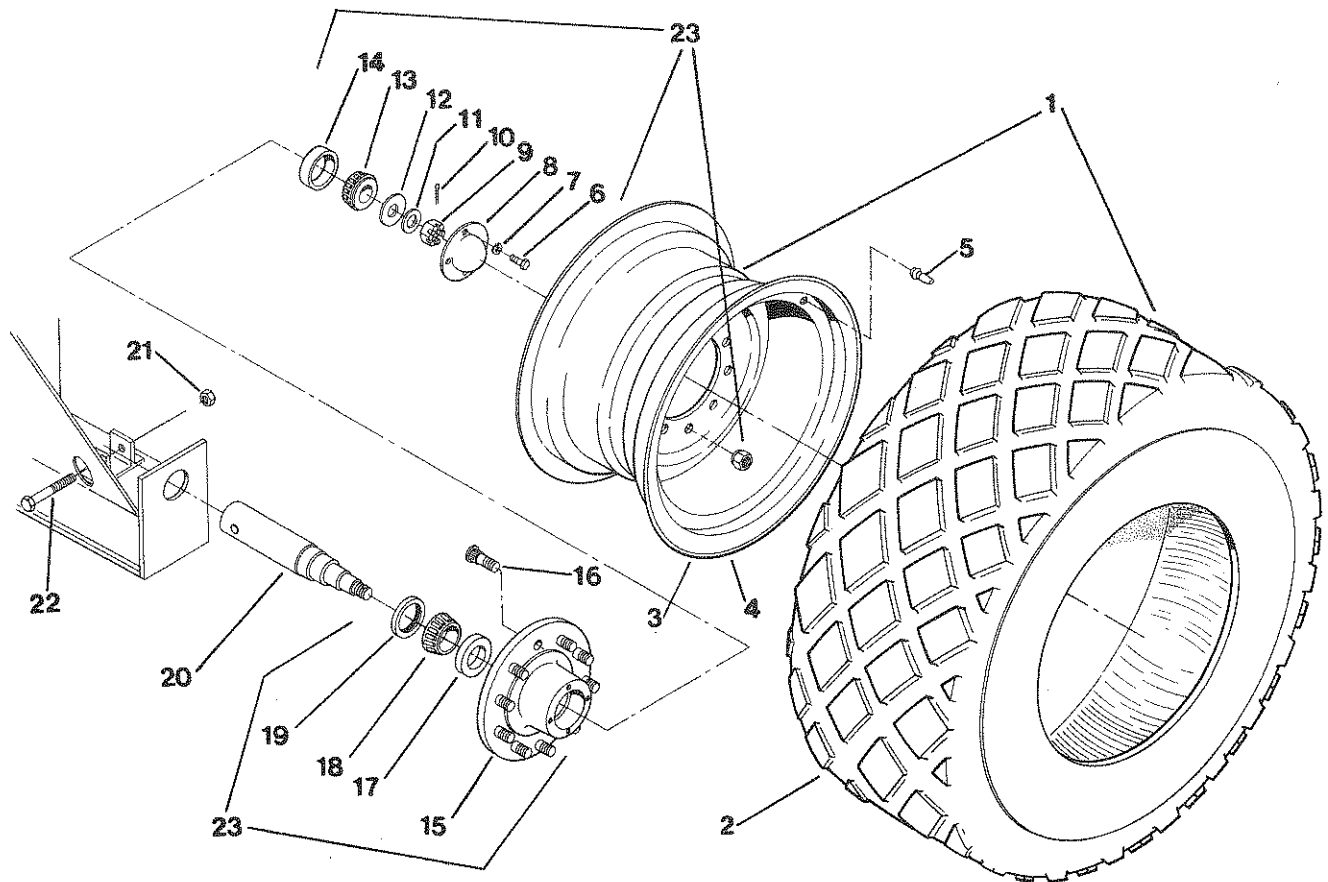
TWINE SENSOR



TWINE SENSOR

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	PLT0015554	Base Plate	21	NFH0001032	10-32 NF Hex Nut (3 used)
2	SPC0015555	Base Plate Spacer	22	WES0001000	#10 External Star Washer (2 used)
3	SPC0015556	Base Plate Spacer	23	STO0015727	Twine Sensor Trigger Stop
4	SMR1032150	10-32 x 1 1/2" RH Machine Screw	24	NCH0000632	6-32 NC Hex Nut
5	WAS0000126	5/16" SAE Flat Washer	25	WIS0000600	#6 Internal Star Washer (3 used)
6	F 0007541	Compression Spring	26	MAG0001840	Twine Sensor Switch Magnet
7	WAS0015565	Twine Sensor Spring Washer	27	SMR6320750	6-32 x 3/4" RH Machine Screw (2 used)
8	ROD0015564	Twine Sensor Spring Rod	28	NFH0000632	6-32 NF Hex Nut (2 used)
9	ZZ 0000728	3/16" x 1/2" Roll Pin	29	ELC0016165	Switch and Mount
10	BSH0015566	Spring Rod Bushing	30	NBC0000632	6-32 Brass Hex Nut (3 used)
11	WIS0001000	#10 Internal Star Washer	31	ELC0005404	Twine Sensor Switch
12	SCO1032625	10-32 x 5/8" Socket Head Screw	32	MSB6320750	6-32 x 3/4" Brass Machine Screw
13	BSH0015568	Lever Reset Bushing	33	TER0000100	#6 Terminal Solder (2 used)
14	WIS0003125	5/16" Internal Star Washer	34	TAB1500074	Two Sided Tab
15	SFC0000201	5/16" x 3/4" NF FH Machine Screw	35	WCB0000600	#6 Brass Cutwasher (2 used)
16	ROD0015561	Reset Rod	36	WAS0000111	#6 Nylon Shoulder Washer (2 used)
17	LNK0015569	Link Block	37	MNT0016166	Twine Sensor Switch Mount
18	BSH0015567	Pivot Bushing	38	WCT0000600	#6 Cutwasher (2 used)
19	COT0000100	1/16" x 1/2" Cotter Pin			
20	LEV0016216	Lever Arm			

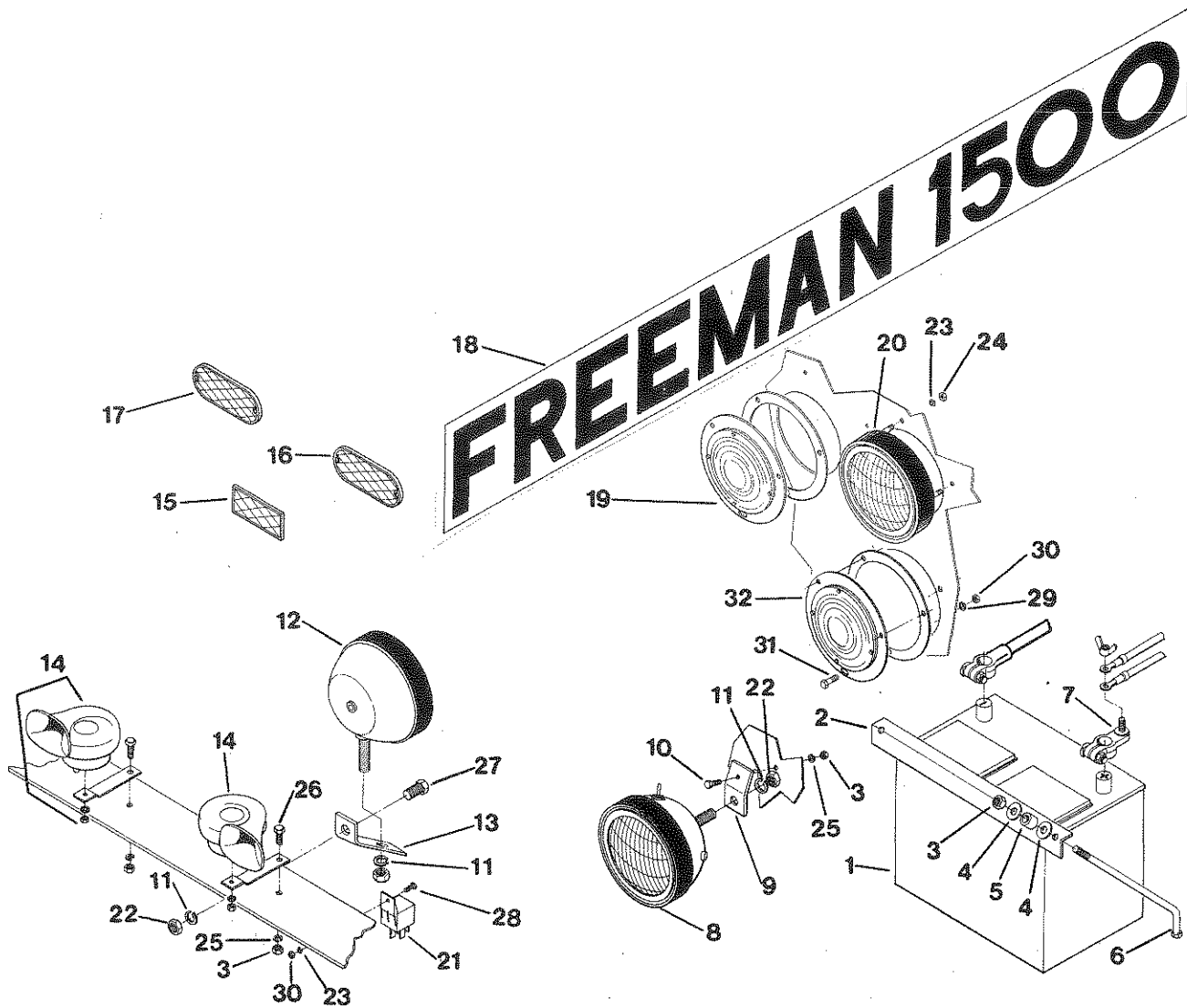
TIRE and WHEEL GROUP



TIRE and WHEEL GROUP

REF. NO.	PART NO.	DESCRIPTION
1	WHL0001500	Tire and Wheel (2 used)
2	TIR2312610	23.1-26 10 Ply Tubeless Tire (2 used)
3	WHL0506303	Wheel (2 used)
4	NMS0000872	Wheel Nut (20 used)
5	19-109	Valve Stem (2 used)
6	SCC0020001	5/16" x 3/4" NC Cap Screw (8 used)
7	WLK0000313	5/16" Lockwasher (8 used)
8	HUB0909915	Hub Cap (2 used)
9	NFC0012500	1 1/4" NF Castle Nut (2 used)
10	COT0000807	3/16" x 2 1/2" Cotter Pin (2 used)
11	WCT0125000	1 1/4" Cutwasher (as needed)
12	WAS0015783	Washer (2 used)
13	BRG0000460	Outer Bearing (2 used)
14	BRG0000453	Outer Cup (2 used)
15	HUB0010010	Hub Only (2 used)
16	NMS0000871	Wheel Bolt (20 used)
17	BRG0039520	Bearing Cup Inner (2 used)
18	BRG0039585	Bearing Cone Inner (2 used)
19	SEL0906497	Seal (2 used)
20	SPN0013409	Spindle (2 used)
21	NCE0001000	1" NC ESNA Nut (2 used)
22	SCC0010018	1" x 6 1/2" NC Cap Screw (2 used)
23	HUB0000871	Hub Assembly (2 used)

ACCESSORIES



ACCESSORIES

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	F 0006639	Battery, 12V	18	FD 0001501	Decal "FREEMAN" 5" x53" (2 used)
2	BKT0015916	Battery Hold Down Bracket	19	LIT1500833	Yankee Indicator Warning Light (2 used)
3	NCH0000313	$\frac{5}{16}$ " NC Hex Nut (6 used)	20	F 0006558	Head Light W/Housing (2 used)
4	WCT0000313	$\frac{5}{16}$ " Cutwasher (4 used)	21	REL0000332	Relay SPST #0-332-204150
5	F 0006328	Battery Hold Down Grommet (2 used)	22	NCH0000500	$\frac{1}{2}$ " NC Hex Nut (6 used)
6	F 0006551	Battery Hold Down Bolt (2 used)	23	WLK0000100	#10 Lockwasher (4 used)
7	03-203	Battery Terminal	24	NCH0001024	10-24 Hex Nut (3 used)
8	F 0008060	Light, Rear (2 used)	25	WLK0000313	$\frac{5}{16}$ " Lockwasher (4 used)
9	BKT0015956	Knotter Work Light Bracket (2 used)	26	SCC0020001	$\frac{5}{16}$ " x $\frac{3}{4}$ " NC Cap Screw (2 used)
10	SCC0020002	$\frac{5}{16}$ " x 1" NC Cap Screw (2 used)	27	SCC0050003	$\frac{1}{2}$ " x $1\frac{1}{4}$ " NC Cap Screw (2 used)
11	WLK0000500	$\frac{1}{2}$ " Lockwasher (6 used)	28	SMS0000159	10-32 x $\frac{3}{4}$ " Cap Screw
12	F 0008059	Light Front and Center (2 used)	29	WIS0001000	#10 Internal Star Lockwasher (24 used)
13	BKT0016005	Front Work Light Bracket (2 used)	30	NCH0001032	10-32 Hex Nut
14	HOR0000040	Horn Set #40 (2 used)	31	SMS0000158	10-32 x $\frac{1}{2}$ " Cap Screw (12 used)
15	REF0000031	Red Reflector	32	LIT0000843	Stop Tail Light (2 used)
16	REF0878501	Yellow Reflector			
17	REF0878500	Red Reflector			

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