

PARTS CATALOG

CENTER DELIVERY
AND
DOUBLE SWATH
DRAPER HEADERS
for Model 7000 Self Propelled Windrower



FORM NO. 12804

7/91

MacDon Industries Ltd.

680 Moray Street, Winnipeg, Manitoba
Canada R3J 3S3
(204) 885-5590, Fax 832-7749
Telex 07-57849

The first part of the report deals with the general situation of the country. It is a very interesting and informative study of the country's development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is easy to read. It is a valuable contribution to the study of the country's development.

The second part of the report deals with the economic situation of the country. It is a very interesting and informative study of the country's economic development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is easy to read. It is a valuable contribution to the study of the country's economic development.

The third part of the report deals with the social situation of the country. It is a very interesting and informative study of the country's social development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is easy to read. It is a valuable contribution to the study of the country's social development.

The fourth part of the report deals with the political situation of the country. It is a very interesting and informative study of the country's political development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is easy to read. It is a valuable contribution to the study of the country's political development.

The fifth part of the report deals with the cultural situation of the country. It is a very interesting and informative study of the country's cultural development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is easy to read. It is a valuable contribution to the study of the country's cultural development.

The sixth part of the report deals with the environmental situation of the country. It is a very interesting and informative study of the country's environmental development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is easy to read. It is a valuable contribution to the study of the country's environmental development.

The seventh part of the report deals with the international situation of the country. It is a very interesting and informative study of the country's international development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is easy to read. It is a valuable contribution to the study of the country's international development.

The eighth part of the report deals with the future of the country. It is a very interesting and informative study of the country's future development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is easy to read. It is a valuable contribution to the study of the country's future development.

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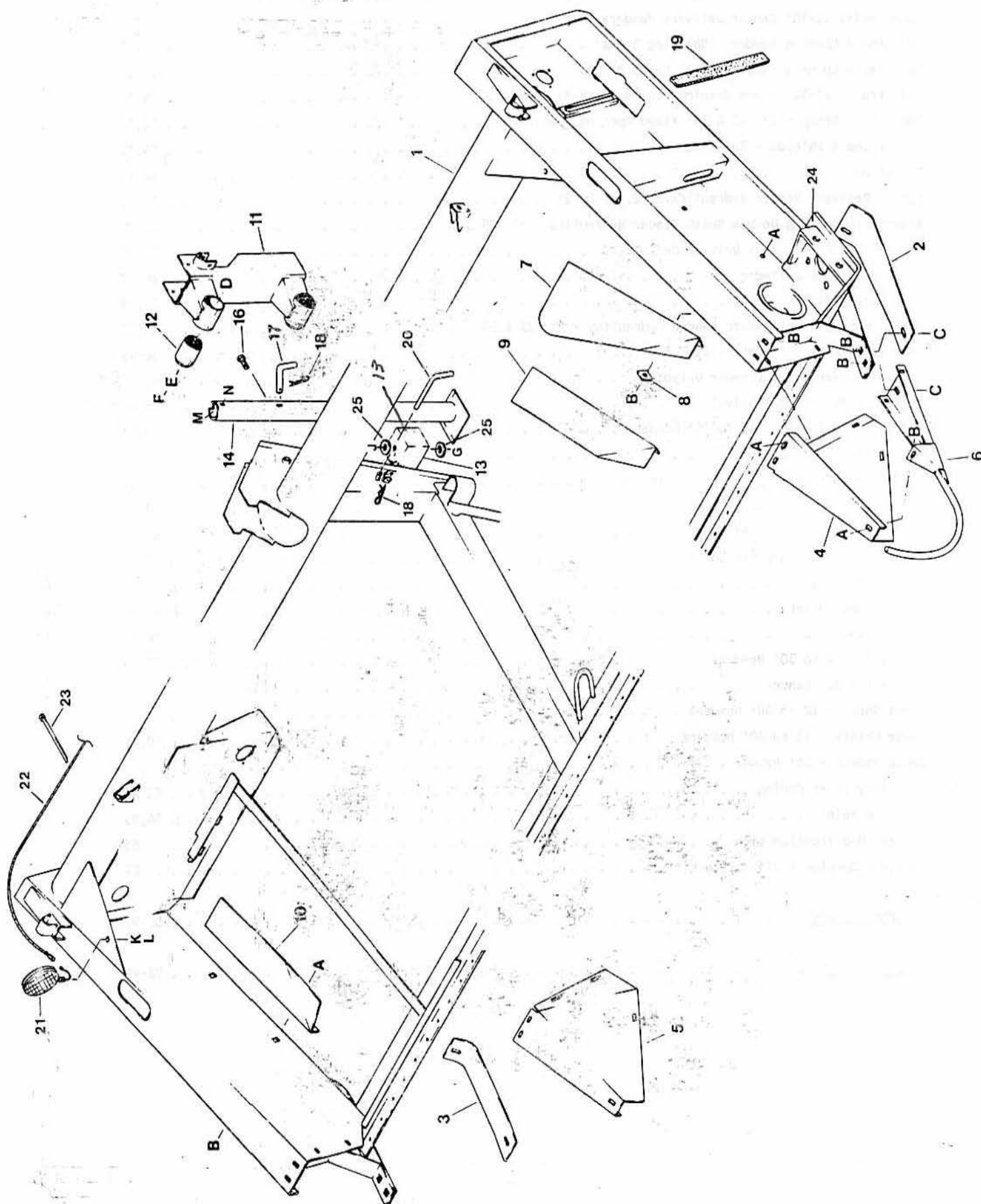
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Draper Header
MAIN FRAME & LIGHTS- 12 FT. to 30 FT.
CENTER DELIVERY AND ADJUSTABLE OPENING DOUBLE SWATH



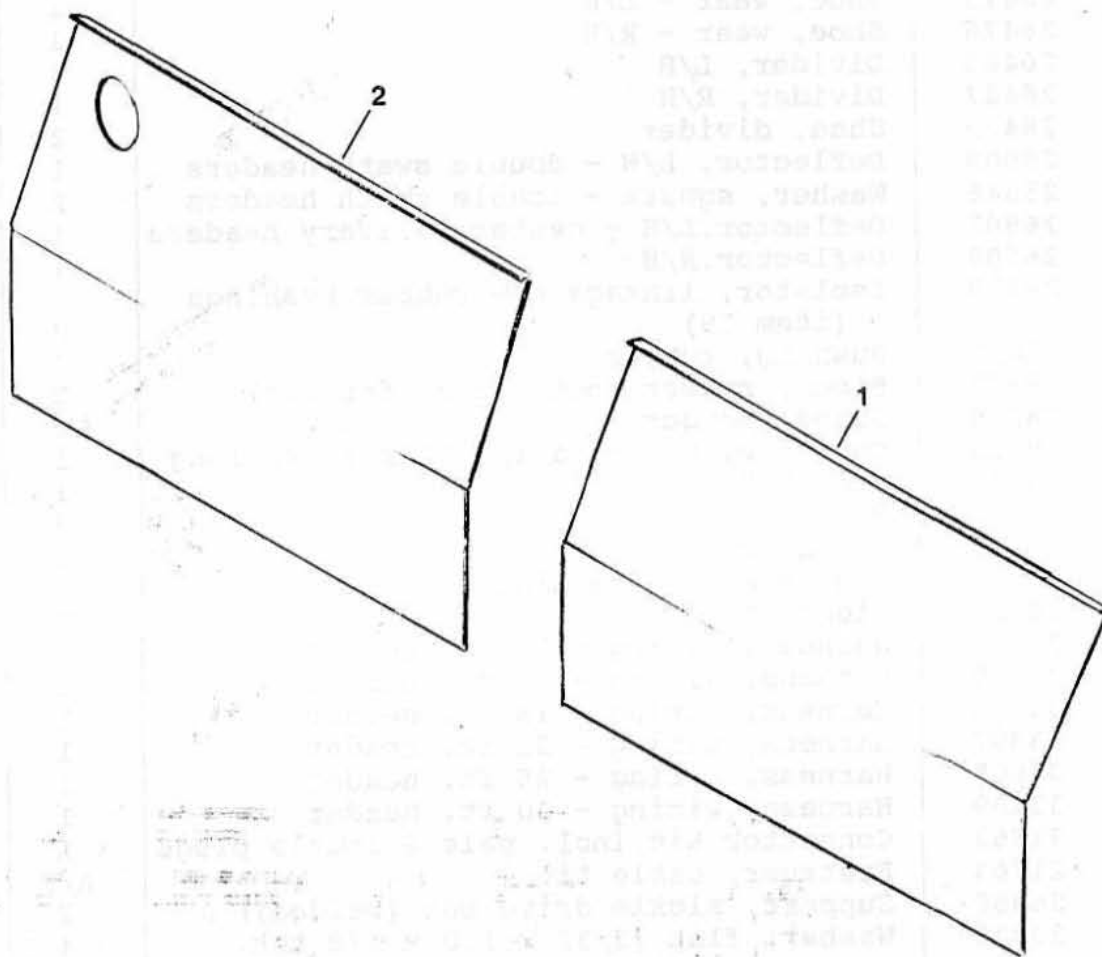
Draper Header

3

**MAIN FRAME & LIGHTS- 12 FT. to 30 FT.
CENTER DELIVERY AND ADJUSTABLE OPENING DOUBLE SWATH***

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	26001	Frame, main - 12' center delivery	1	
	26002	Frame, main - 15' center delivery	1	
	26003	Frame, main - 18' center delivery	1	
	33590	Frame, main - 21' double swath	1	
	33591	Frame, main - 25' double swath	1	
	33592	Frame, main - 30' double swath	1	
2	26475	Shoe, wear - L/H	1	
3	26476	Shoe, wear - R/H	1	
4	26486	Divider, L/H	1	
5	26487	Divider, R/H	1	
6	26479	Shoe, divider	2	
7	26509	Deflector, L/H - double swath headers	1	
8	25346	Washer, square - double swath headers	2	
9	26507	Deflector, L/H - center delivery headers	1	
10	26508	Deflector, R/H	1	
11	26879	Isolator, linkage c/w rubber bushings (item 19)	2	56090-
12	21897	Bushing, rubber	4	56090-
13	26878	Block, rubber (not req'd. for 30')	2	56090-
14	28245	Stand, header	1	
16	18723	Capscrew, hex head 1/2 NC x 1 1/2 long	1	
17	13747	Pin, "L"	1	
18	13125	Pin, hair	3	
19	25060	Strip, sponge	1	
20	28749	Pin, header retaining	2	
21	16539	Light, amber	2	
22	33804	Harness, wiring - 12 ft. header	1	
	33805	Harness, wiring - 15 ft. header	1	
	33806	Harness, wiring - 18 ft. header	1	
	33807	Harness, wiring - 21 ft. header	1	
	33808	Harness, wiring - 25 ft. header	1	
	33809	Harness, wiring - 30 ft. header	1	
	31062	Connector Kit, incl. male & female plugs	1	
23	21763	Fastener, cable tie	A/R	
24	26050-	Support, sickle drive box (welded) ES 10960	1	
25	20535	Washer, flat 13/32 x 1.0 x 1/8 thk.	4	
A	21863	Bolt, carriage hd. 3/8 NC x 3/4 long		
B	21452	Nut, flange 3/8 NC		
C	19965	Bolt, carriage hd. 3/8 NC x 1.0 long		
D	21577	Capscrew, hex hd. 5/8 NC x 6 1/2 long		
E	18639	Washer, lock 5/8		
F	18592	Nut, hex 5/8 NC		
G	21593	Capscrew, hex hd. 3/8 NC x 4.0 long		
J	18669	Nut, lock 3/8 NC distorted thread		
K	18638	Washer, lock 1/2 inch		
L	6771	Nut, hex 1/2 inch NF		
M	21558	Capscrew, hex head 5/16 NC x 3/4 inch		
N	18690	Nut, lock 5/16 inch NC distorted thread		
*FOR FIXED OPENING DOUBLE SWATH HEADER FRAMES AND DECKS SEE PAGE 8 .				

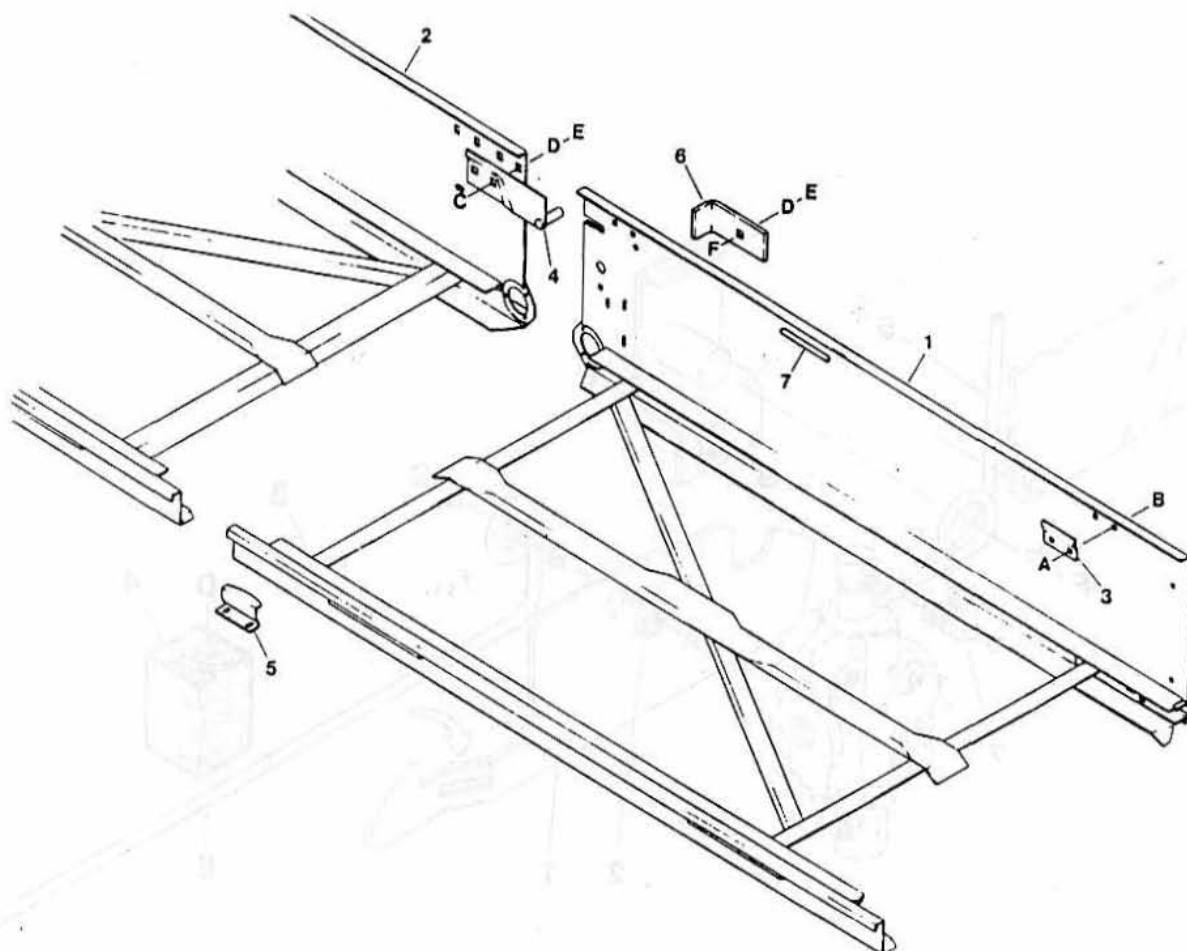
Center Delivery Draper Header BACKSHEETS (WELDED)



REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	26790	BACKSHEET - left, 12 ft. header	1	
	26791	BACKSHEET - left, 15 ft. header	1	
	26792	BACKSHEET - left, 18 ft. header	1	
2	26795	BACKSHEET - right, 12 ft. header	1	
	26796	BACKSHEET - right, 15 ft. header	1	
	26797	BACKSHEET - right, 18 ft. header	1	

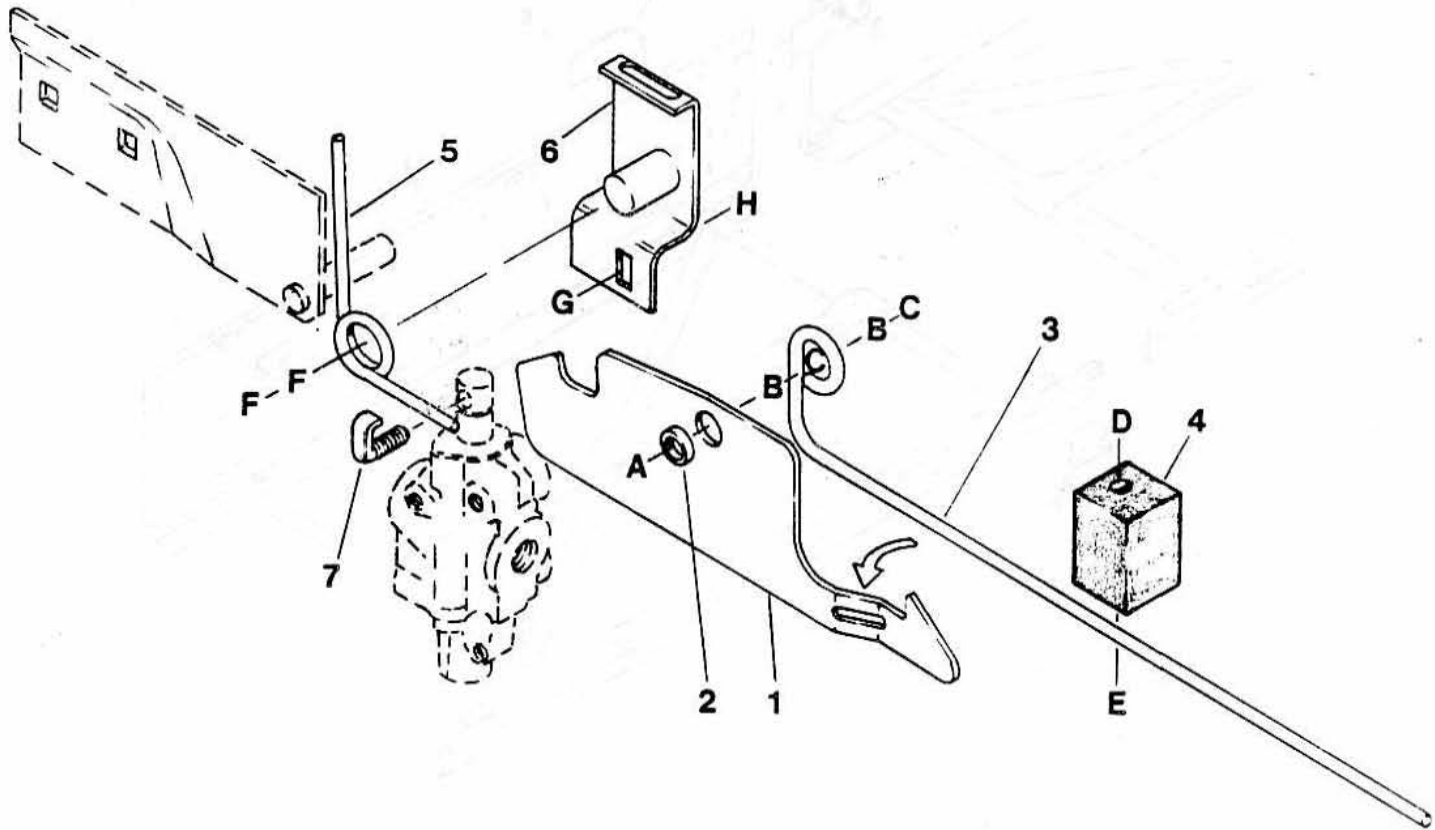
Adjustable Opening Draper Header SHIFTING DECKS

5



REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	33600	Deck, sliding L/H - 21' header	1	-72980
	33601	Deck, sliding L/H - 25' header	1	
	33602	Deck, sliding L/H - 30' header	1	
2	33603	Deck, sliding R/H - 21' header	1	
	33604	Deck, sliding R/H - 25' header	1	
	33605	Deck, sliding R/H - 30' header	1	
3	33692	Guide, deck - rear	3	
4	33697	Hook, deck	1	
5	33330	Hold-down, deck - front, qty. 2 for 21' header	4	
6	33700	Stop, deck	2	
7	33596	Strip, wear	6	
A	21863	Bolt, carriage 3/8 NC x 3/4 long		
B	21452	Nut, flange 3/8 NC		
C	21066	Bolt, carriage 1/2 NC x 1.0 long		
D	18638	Washer, lock 1/2		
E	18591	Nut, hex 1/2 NC		
F	21471	Bolt, carriage 1/2 NC x 1 1/4 long		

Adjustable Opening Draper Header DECK LATCH GROUP



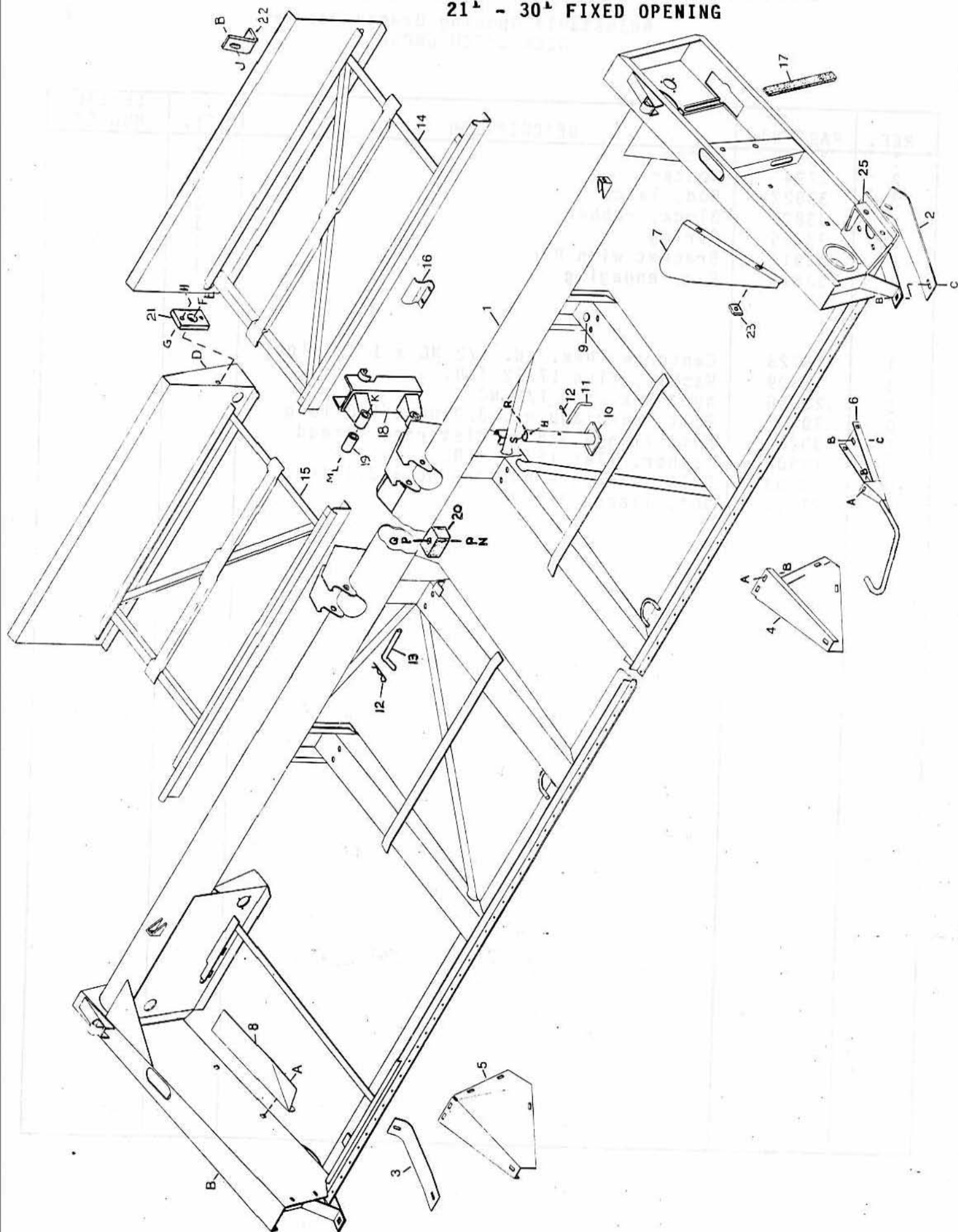
QTY.	DESCRIPTION	PART NO.
1	Bar, sliding, 1/2" x 1/2" x 1/2"	10001
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10002
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10003
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10004
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10005
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10006
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10007
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10008
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10009
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10010
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10011
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10012
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10013
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10014
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10015
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10016
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10017
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10018
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10019
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10020
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10021
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10022
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10023
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10024
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10025
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10026
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1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10082
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10083
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1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10089
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10090
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10091
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10092
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10093
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10094
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10095
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10096
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10097
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10098
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10099
1	Bracket, sliding, 1/2" x 1/2" x 1/2"	10100

Adjustable Opening Draper Header DECK LATCH GROUP

7

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	33820	Latch	1	
2	1794	Spacer	1	
3	33822	Rod, latch	1	
4	33825	Block, rubber	1	
5	33826	Spring	1	
6	33814	Bracket with Pin	1	
7	33810	Pin, engaging	1	
A	18723	Capscrew, hex. hd. 1/2 NC x 1 1/4 long		
B	18599	Washer, flat 17/32 I.D.		
C	21056	Nut, hex. jam 1/2 NC		
D	30307	Bolt, carriage hd. 3/8 NC x 3.0 long		
E	30228	Nut, flange 3/8 NC distorted thread		
F	18602	Washer, flat 15/16 I.D.		
G	21863	Bolt, carriage hd. 3/8 NC x 3/4 long		
H	21452	Nut, flange 3/8 NC		

MAIN FRAME - DOUBLE SWATH DRAPER HEADER
21° - 30° FIXED OPENING

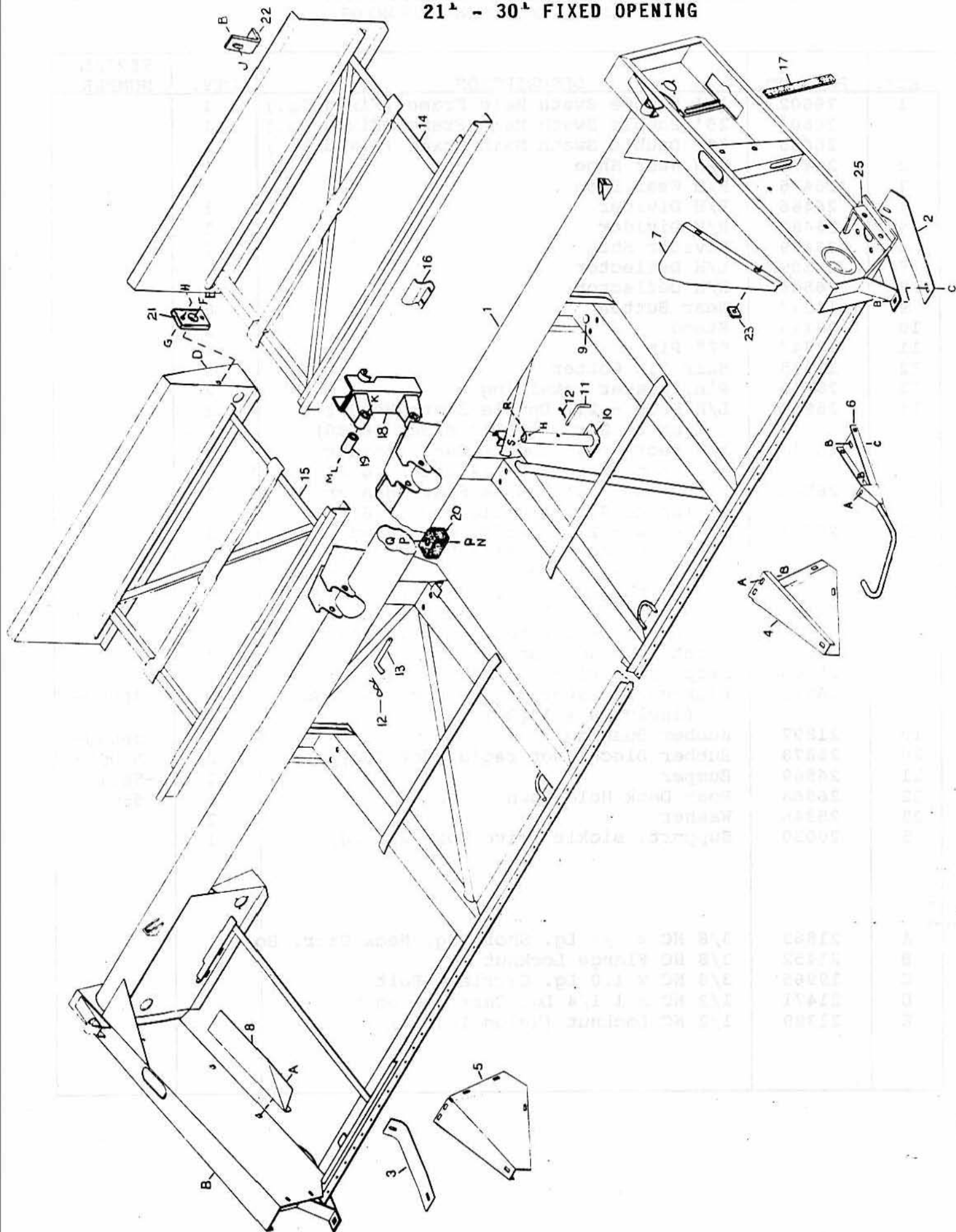


MAIN FRAME - DOUBLE SWATH DRAPER HEADER
21' - 30' FIXED OPENING

9

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	26602	21' Double Swath Main Frame (Fixed Op.)	1	
	26604	25' Double Swath Main Frame (Fixed Op.)	1	
	26605	30' Double Swath Main Frame (Fixed Op.)	1	
2	26475	L/H Wear Shoe	1	
3	26476	R/H Wear Shoe	1	
4	26486	L/H Divider	1	
5	26487	R/H Divider	1	
6	26479	Divider Shoe	2	
7	26509	L/H Deflector	1	
8	26508	R/H Deflector	1	
9	14347	Wear Button	8	
10	28245	Stand	1	
11	13747	"L" Pin	1	
12	13125	Hair Pin Cotter	3	
13	28749	Pin, header retaining	2	
14	26943	L/H Deck - 21' Double Swath Header (up to Ser. # 56114 order 26186)	1	
	26944	L/H Deck - 25' Double Swath Header (up to Ser. # 56114 order 26187)	1	
	26945	L/H Deck - 30' Double Swath Header (up to Ser. # 56114 order 26188)	1	
15	26948	R/H Deck - 21' Double Swath Header (up to Ser. # 56114 order 26191)	1	
	26949	R/H Deck - 25' Double Swath Header (up to Ser. # 56114 order 26192)	1	
	26950	R/H Deck - 30' Double Swath Header (up to Ser. # 56114 order 26193)	1	
16	26566	Front Deck Hold-Down	4	
17	25060	Neoprene Stripping	1	
18	26879	Linkage Isolator c/w Rubber Bushings (includes # 19[2])	2	56090-
19	21897	Rubber Bushing	4	56090-
20	26878	Rubber Block (not req'd. for 30')	2	56090-
21	26569	Bumper	1	-56114
22	26568	Rear Deck Hold-Down	4	56090-
23	25346	Washer	2	
25	26050	Support, sickle drive box (welded)	1	
A	21863	3/8 NC x 3/4 Lg. Short Sq. Neck Carr. Bolt		
B	21452	3/8 NC Flange Locknut		
C	19965	3/8 NC x 1.0 Lg. Carriage Bolt		
D	21471	1/2 NC x 1 1/4 Lg. Carriage Bolt		
E	21389	1/2 NC Locknut (Nylon Insert)		

MAIN FRAME - DOUBLE SWATH DRAPER HEADER 21° - 30° FIXED OPENING

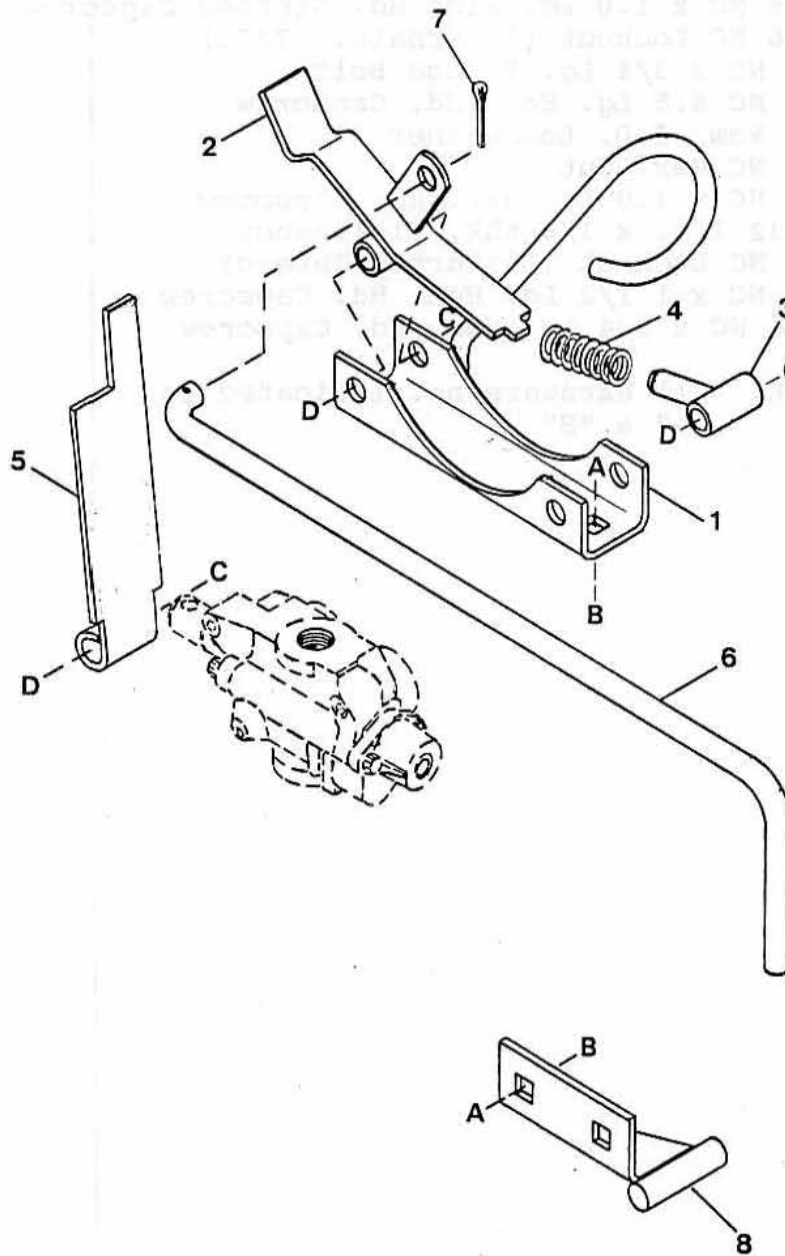


MAIN FRAME - DOUBLE SWATH DRAPER HEADER
21' - 30' FIXED OPENING

11

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
F	18599	17/32 I.D. Flatwasher		
G	30086	5/16 NC x 1.0 Lg. Flat Hd. Slotted Capscrew		
H	18690	5/16 NC Locknut (Alternate: 7271)		
J	21821	3/8 NC x 3/4 Lg. Flange Bolt		
K	21577	5/8 NC 6.5 Lg. Hex. Hd. Capscrew		
L	18639	5/8 Nom. I.D. Lockwasher		
M	18592	5/8 NC Hex. Nut		
N	21593	3/8 NC x 4.0 Lg. Hex. Hd. Capscrew		
P	20535	13/32 I.D. x 1/8 thk. Flatwasher		
Q	18669	3/8 NC Locknut (Distorted Thread)		
R	18723	1/2 NC x 1 1/2 Lg. Hex. Hd. Capscrew		
S	21558	5/16 NC x 3/4 Lg. Hex. Hd. Capscrew		
NOTE: All hardware not indicated is "A" & "B"				

DECK LATCH GROUP
(Fixed Opening Double Swath Headers Only)

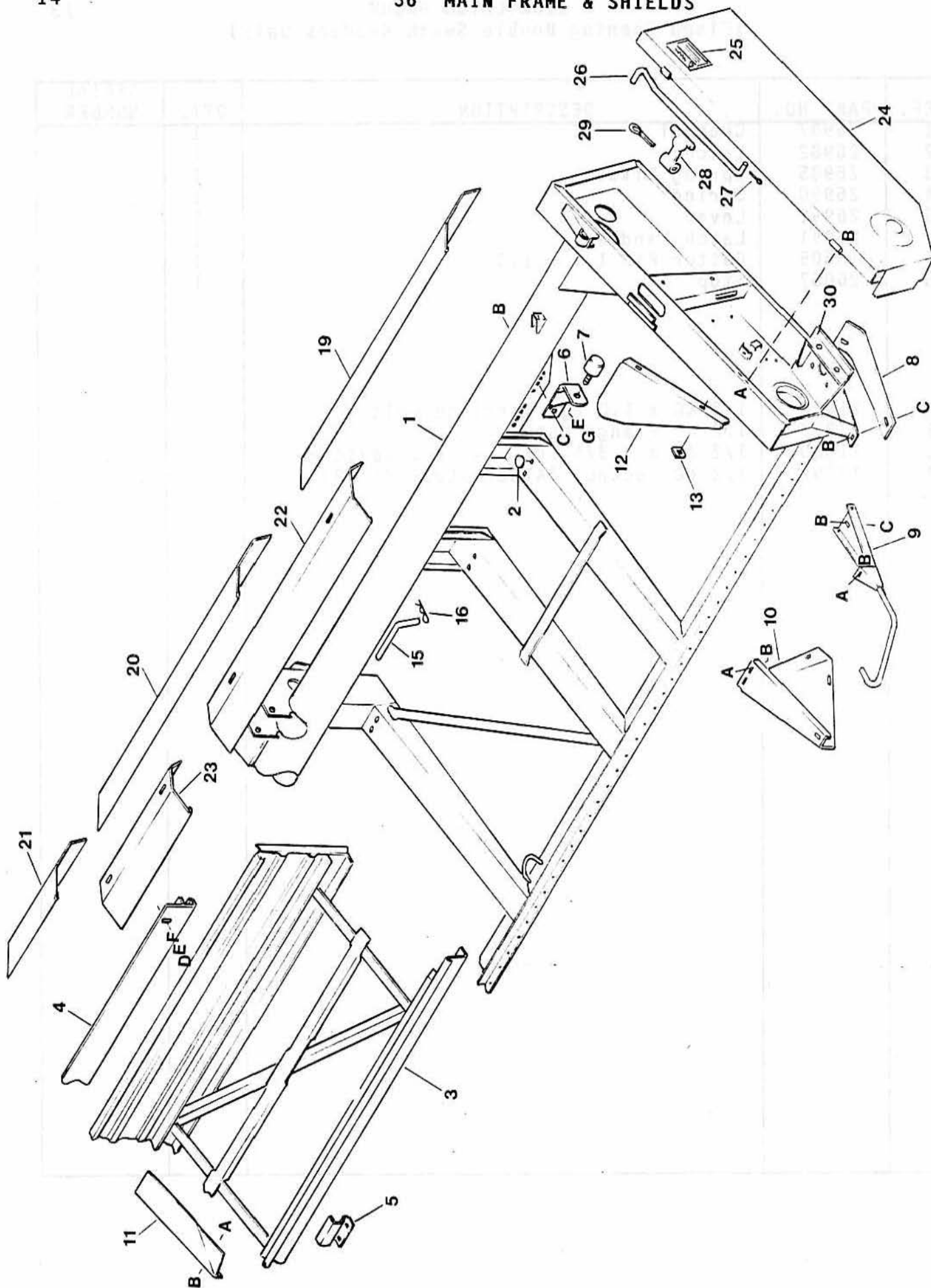


DECK LATCH GROUP
(Fixed Opening Double Swath Headers Only)

13

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	26987	Channel	1	
2	26982	Latch	1	
3	26985	Spring Pivot	1	
4	26990	Spring	1	
5	26992	Lever	1	
6	26991	Latch Handle	1	
7	18605	Cotter Pin 1/8 x 1.0	1	
8	26067	Stop	1	
A	21066	1/2 NC x 1.0 Lg. Carriage Bolt		
B	21383	1/2 NC Flange Nut		
C	21880	1/2 NC x 2 3/4 Lg. Hex. Hd. Capscrew		
D	18697	1/2 NC Locknut (Alternate: 21389)		

36" MAIN FRAME & SHIELDS

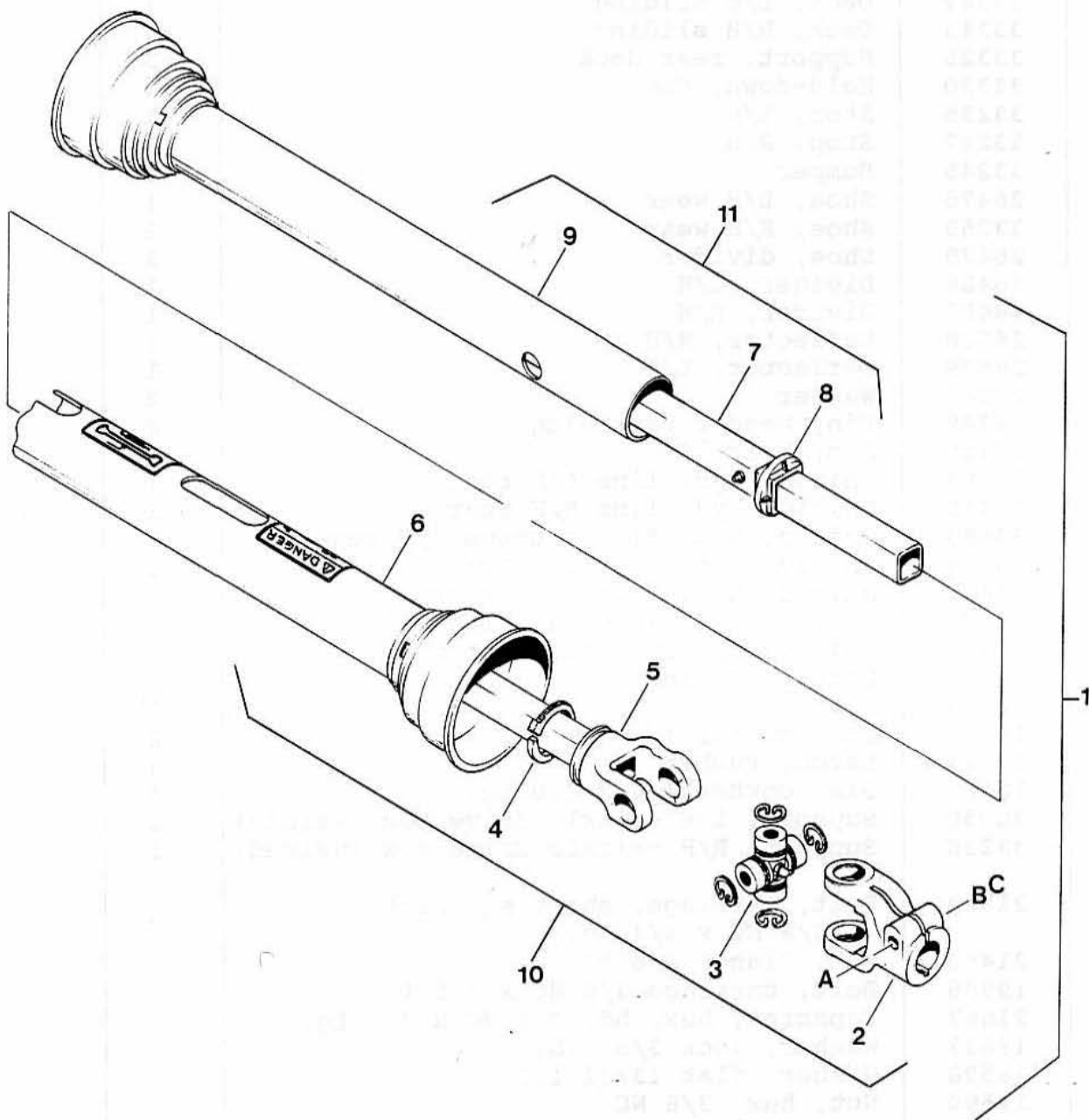


**36' DOUBLE SWATH HEADER
MAIN FRAME & SHIELDS**

15

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	33454	Frame	1	
2	14347	Button, wear	8	
3	33342	Deck, L/H sliding	1	
	33343	Deck, R/H sliding	1	
4	33325	Support, rear deck	3	
5	33330	Hold-down, deck	4	
6	33235	Stop, L/H	1	
	33247	Stop, R/H	1	
7	33245	Bumper	2	
8	26475	Shoe, L/H wear	1	
	33259	Shoe, R/H wear	1	
9	26479	Shoe, divider	2	
10	26486	Divider, L/H	1	
	26487	Divider, R/H	1	
11	26508	Deflector, R/H	1	
12	26509	Deflector, L/H	1	
13	25346	Washer	2	
15	28749	Pin, header retaining	2	
16	13125	Pin, hair	2	
19	33484	Shield, hyd. line L/H rear	1	
20	33485	Shield, hyd. line R/H rear	1	
21	33488	Shield, hyd. line extreme R/H rear	1	
22	33486	Shield, hyd. line L/H front	1	
23	33487	Shield, hyd. line R/H front	1	
24	33382	Shield, L/H c/w decal (item 25)	1	
	33383	Shield, R/H c/w decal (item 25)	1	
25	32738	Decal, warning	2	
26	33405	Rod	2	
27	18605	Pin, cotter 1/8 x 1.0 Lg.	2	
28	21021	Latch, rubber	4	
29	18609	Pin, cotter 1/4 x 2.0 Lg.	4	
30	26050	Support, L/H -sickle drive box (welded)	1	
	33236	Support, R/H -sickle drive box (welded)	1	
A	21863	Bolt, carriage, short sq. neck 3/8 NC x 3/4 Lg.		
B	21452	Nut, Flange 3/8 NC		
C	19965	Bolt, carriage 3/8 NC x 1.0 Lg.		
D	21567	Capscrew, hex. hd. 3/8 NC x 3/4 Lg.		
E	18637	Washer, lock 3/8 I.D.		
F	18598	Washer, flat 13/32 I.D.		
G	18590	Nut, hex. 3/8 NC		
NOTE: Hardware not indicated is "A" & "B"				

DRIVE LINE



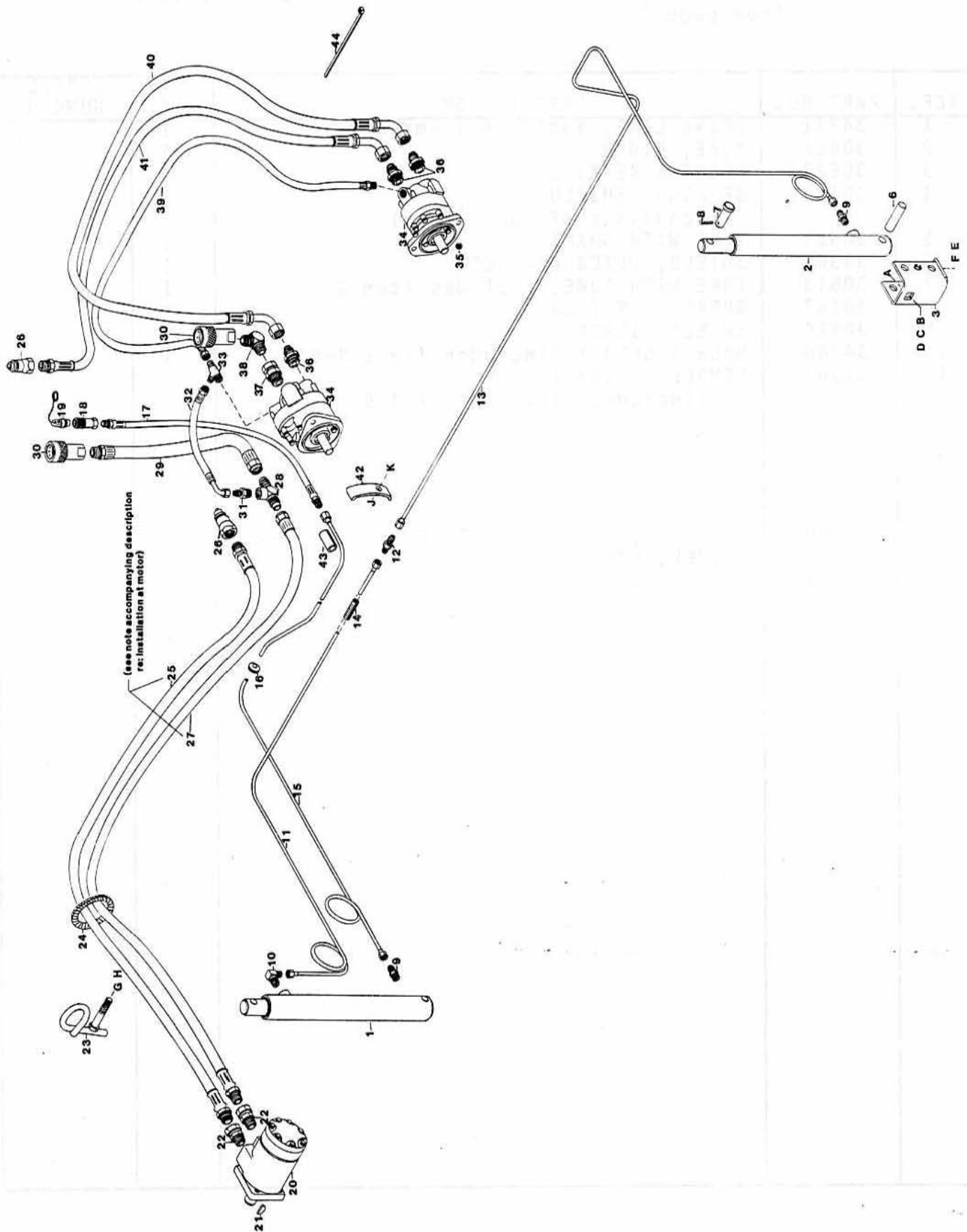
DRIVE LINE

17

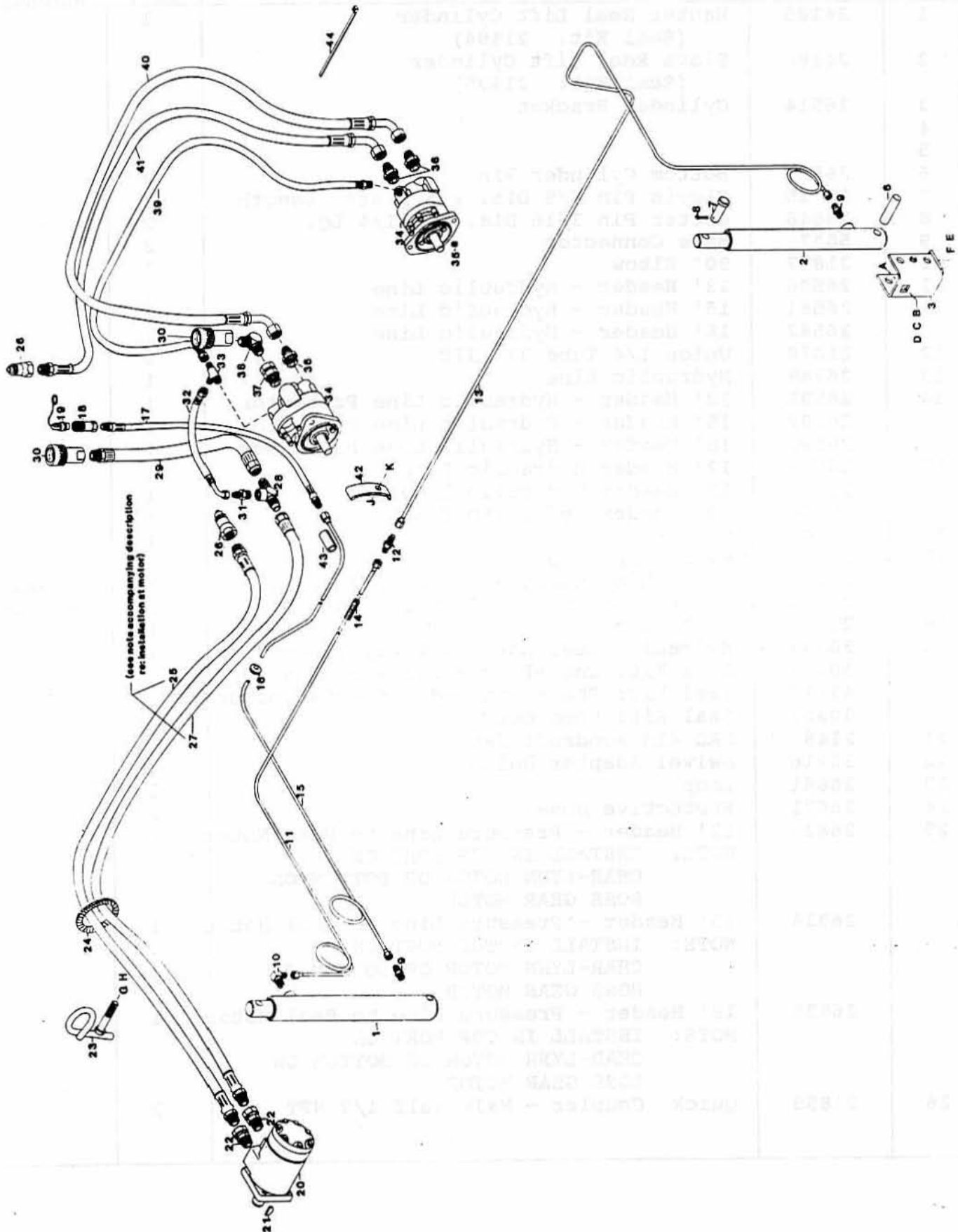
NOTE: For component replacement on drive lines from windrowers with serial numbers 69626 and earlier, order components from page 52.

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	34361	DRIVE LINE, includes items 2-9	1	
2	30621	YOKE, CLAMP	2	
3	30622	CROSS & BEARING KIT	2	
4	30623	BEARING, SHIELD (consists of two halves)	2	
5	30617	YOKE WITH SHAFT	1	
6	34362	SHIELD, OUTER C/W DECAL	1	
7	30618	YOKE WITH TUBE, includes item 8	1	
8	30167	SUPPORT, SHIELD	1	
9	30619	SHIELD, INNER	1	
10	34366	MALE ASSEMBLY (includes items 2-6)	1	
11	34367	FEMALE ASSEMBLY (includes items 2-4, 7 & 9)	1	
A	21880	CAPSCREW, HEX. HD. 1/2 NC x 2 3/4 LG.		
B	18638	WASHER, LOCK 1/2		
C	18591	NUT, HEX. 1/2 NC		

CENTER DELIVERY DRAPER HEADER HYDRAULICS

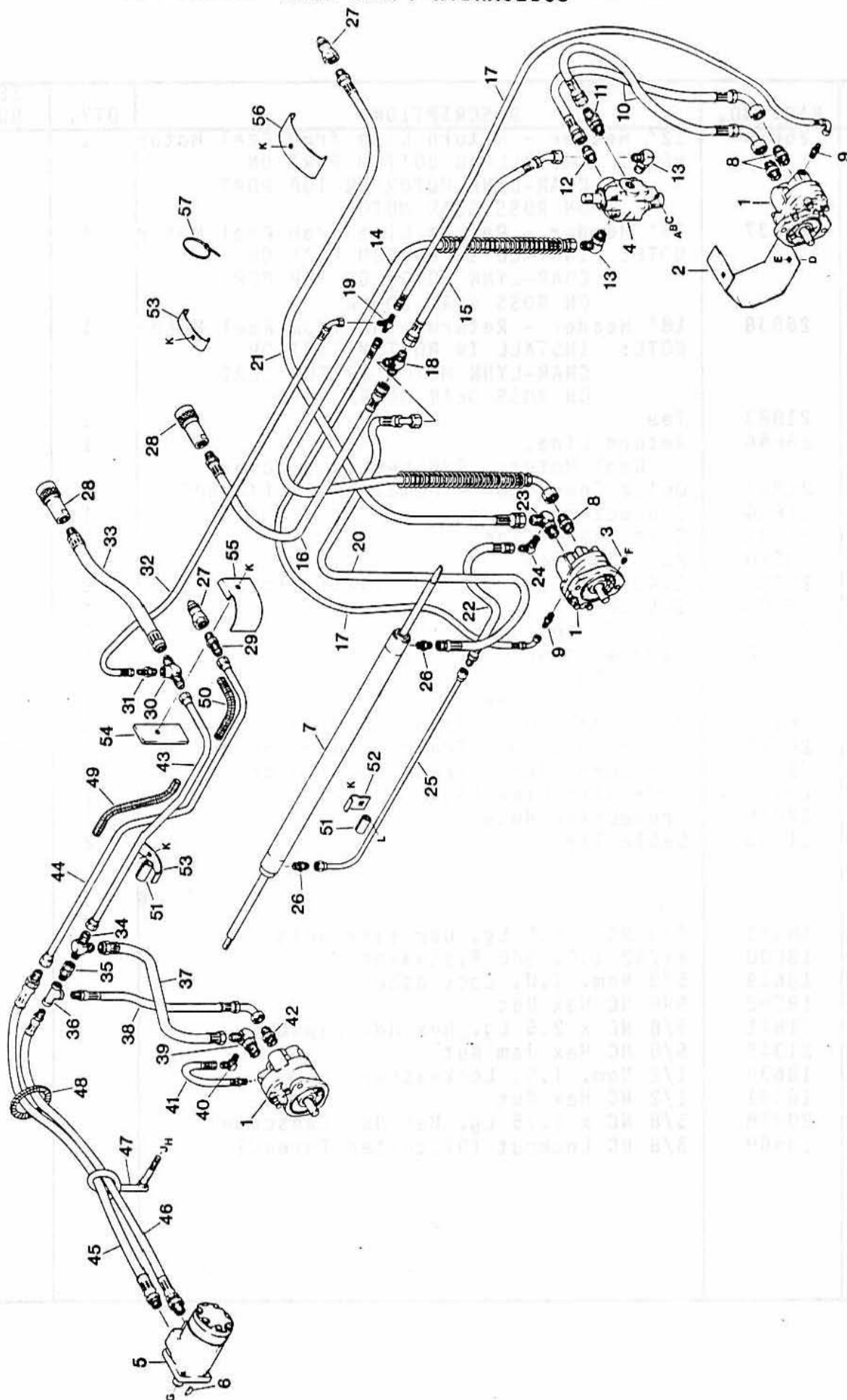


REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	24185	Master Reel Lift Cylinder (Seal Kit: 21494)	1	
2	24186	Slave Reel Lift Cylinder (Seal Kit: 21495)	1	
3	26514	Cylinder Bracket	2	
4				
5				
6	26519	Bottom Cylinder Pin	2	
7	18725	Clevis Pin 5/8 Dia. x 1.9 Eff. Length	2	
8	18648	Cotter Pin 3/16 Dia. x 1 1/4 Lg.	2	
9	5837	Male Connector	2	
10	21877	90° Elbow	1	
11	26586	12' Header - Hydraulic Line	1	
	26581	15' Header - Hydraulic Line	1	
	26582	18' Header - Hydraulic Line	1	
12	21878	Union 1/4 Tube 37° JIC	1	
13	26588	Hydraulic Line	1	
14	26591	12' Header - Hydraulic Line Protector	1	
	26592	15' Header - Hydraulic Line Protector	1	
	26593	18' Header - Hydraulic Line Protector	1	
15	26572	12' Header Hydraulic Line	1	
	26573	15' Header Hydraulic Line	1	
	26574	18' Header Hydraulic Line	1	
16	18500	Grommet	1	
17	16394	Hydraulic Hose	1	
18	21875	Quick Disconnect - Female (1/4 NPT)	1	-68982
	30442	Quick Disconnect - Female (1/4 NPT)	1	68983-
19	21876	Dust Plug	1	
20	30363	Hydraulic Reel Motor c/w Key (Item 21)	1	
	30047	Seal Kit: Char-Lynn model # ending -007		
	43177	Seal Kit: Char-Lynn model # -008 and up		
	30357	Seal Kit: Ross Gear		
21	2149	SAE #15 Woodruff Key	1	
22	30216	Swivel Adapter Union	2	
23	26681	Loop	1	
24	26671	Protective Hose	1	
25	26833	12' Header - Pressure Line to Reel Motor NOTE: INSTALL IN TOP PORT ON CHAR-LYNN MOTOR OR BOTTOM ON ROSS GEAR MOTOR	1	
	26834	15' Header - Pressure Line to Reel Motor NOTE: INSTALL IN TOP PORT ON CHAR-LYNN MOTOR OR BOTTOM ON ROSS GEAR MOTOR	1	
	26835	18' Header - Pressure Line to Reel Motor NOTE: INSTALL IN TOP PORT ON CHAR-LYNN MOTOR OR BOTTOM ON ROSS GEAR MOTOR	1	
26	21855	Quick Coupler - Male Half 1/2 NPT	2	



REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
27	26836	12" Header - Return Line from Reel Motor NOTE: INSTALL IN BOTTOM PORT ON CHAR-LYNN MOTOR OR TOP PORT ON ROSS GEAR MOTOR	1	
	26837	15" Header - Return Line from Reel Motor NOTE: INSTALL IN BOTTOM PORT ON CHAR-LYNN MOTOR OR TOP PORT ON ROSS GEAR MOTOR	1	
	26838	18" Header - Return Line from Reel Motor NOTE: INSTALL IN BOTTOM PORT ON CHAR-LYNN MOTOR OR TOP PORT ON ROSS GEAR MOTOR	1	
28	21883	Tee	1	
29	26664	Return Line, Reel Motor: R/H Leg to Tractor	1	
30	21857	Quick Connector - Female Half 1/2 NPT	2	
31	21884	Connector	1	
32	26839	Case Drain Line	1	
33	30210	Male Run Tee	1	
34	24180	1.48 CID Gear Motor: (Seal Kit 30038)	2	
35	26400	Set Screw	4	
36	21881	Male Connector	3	
37	21882	Female Connector	1	
38	21849	90° Male Elbow	1	
39	26840	Case Drain Line	1	
40	26843	Pressure Line - Motor to Motor	1	
41	26842	Pressure Line - Tractor to Motor	1	-56114
	26925	Pressure Line - Tractor to Motor	1	56115-
42	26674	Hydraulic Line Clamp	1	
43	22056	Protective Hose	1	
44	21763	Cable Tie	2	
A	18523	5/8 NC x 1.5 Lg. Carriage Bolt		
B	18600	21/32 I.D. SAE Flatwasher		
C	18639	5/8 Nom. I.D. Lockwasher		
D	18592	5/8 NC Hex Nut		
E	21871	5/8 NC x 2.5 Lg. Hex Hd. Capscrew		
F	21345	5/8 NC Hex Jam Nut		
G	18638	1/2 Nom. I.D. Lockwasher		
H	18591	1/2 NC Hex Nut		
J	20078	3/8 NC x 1.75 Lg. Hex Hd. Capscrew		
K	18669	3/8 NC Locknut (Distorted Thread)		

Adjustable Opening Draper Header
DRAPER DRIVE, REEL DRIVE AND
DECK SHIFT HYDRAULICS

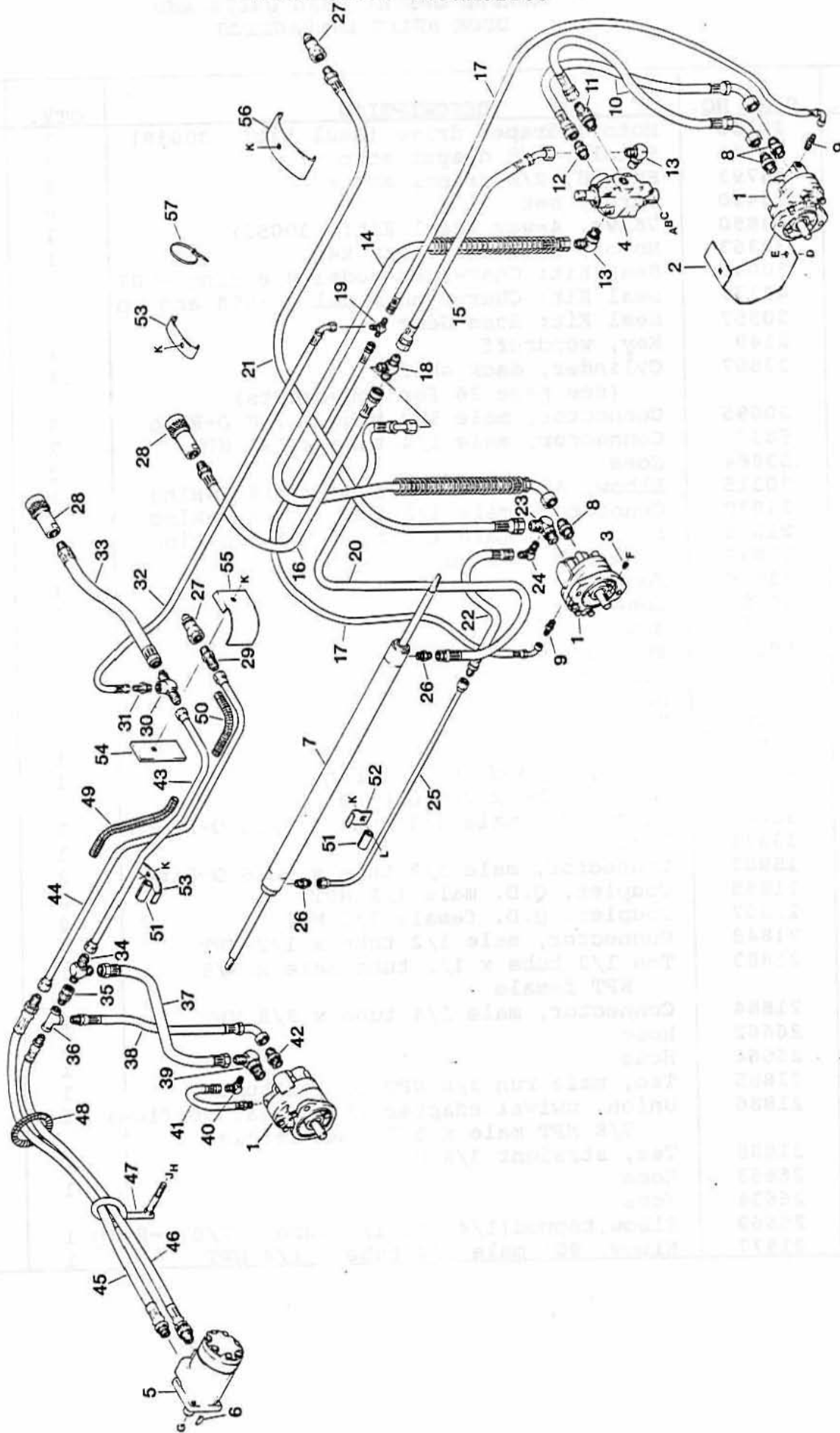


**Adjustable Opening Draper Header
DRAPER DRIVE, REEL DRIVE AND
DECK SHIFT HYDRAULICS**

23

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	24180	Motor, draper drive (Seal Kit: 30038)	3	
2	33792	Shield, L/H draper motor	1	
	33793	Shield, R/H draper motor	1	
3	26400	Screw, set	6	
4	33850	Valve, 4-way (Seal Kit: 30055)	1	
5	30363	Motor, reel drive c/w key	1	
	30047	Seal Kit: Char-Lynn model # ending -007		
	43177	Seal Kit: Char-Lynn model # -008 and up		
	30357	Seal Kit: Ross Gear		
6	2149	Key, woodruff	1	
7	33887	Cylinder, deck shift (see page 26 for components)	1	
8	30695	Connector, male 5/8 tube x 7/8 O-Ring	3	
9	5837	Connector, male 1/4 tube x 1/4 NPT	2	
10	33884	Hose	2	
11	30315	Elbow, 45° male 1/2 tube x 3/4 O-Ring	1	
12	21030	Connector, male 1/2 tube x 3/4 O-Ring	1	
13	21076	Elbow, 90° male 1/2 tube x 3/4 O-Ring	2	
14	33892	Hose c/w springs	1	
15	33885	Hose	1	
16	33882	Hose	1	
17	33883	Hose	2	
18	30694	Tee, union 1/2 tube	1	
19	18881	Tee, union 1/4 tube	1	
20	33881	Hose	1	
21	33423	Hose	1	
22	33880	Hose	1	
23	33854	Elbow, tapped (9/16 O-Ring) 5/8 tube x 7/8 O-Ring	1	
24	30282	Elbow, 90° male 3/8 tube x 9/16 O-Ring	1	
25	33871	Line	1	
26	15903	Connector, male 3/8 tube x 9/16 O-Ring	2	
27	21855	Coupler, Q.D. male 1/2 NPT	2	
28	21857	Coupler, Q.D. female 1/2 NPT	2	
29	21848	Connector, male 1/2 tube x 1/2 NPT	1	
30	21883	Tee 1/2 tube x 1/2 tube male x 3/8 NPT female	1	
31	21884	Connector, male 1/4 tube x 3/8 NPT	1	
32	26662	Hose	1	
33	26664	Hose	1	
34	21885	Tee, male run 3/8 NPT to 1/2 tube	1	
35	21886	Union, swivel adapter (1/16 dia. orifice) 3/8 NPT male x 3/8 NPSM female	1	
36	21888	Tee, straight 3/8 NPT	1	
37	26663	Hose	1	
38	26634	Hose	1	
39	26669	Elbow, tapped (1/4 NPT) 1/2 tube x 7/8 O-Ring	1	
40	21877	Elbow, 90° male 1/4 tube x 1/4 NPT	1	

Adjustable Opening Draper Header DRAPER DRIVE, REEL DRIVE AND DECK SHIFT HYDRAULICS

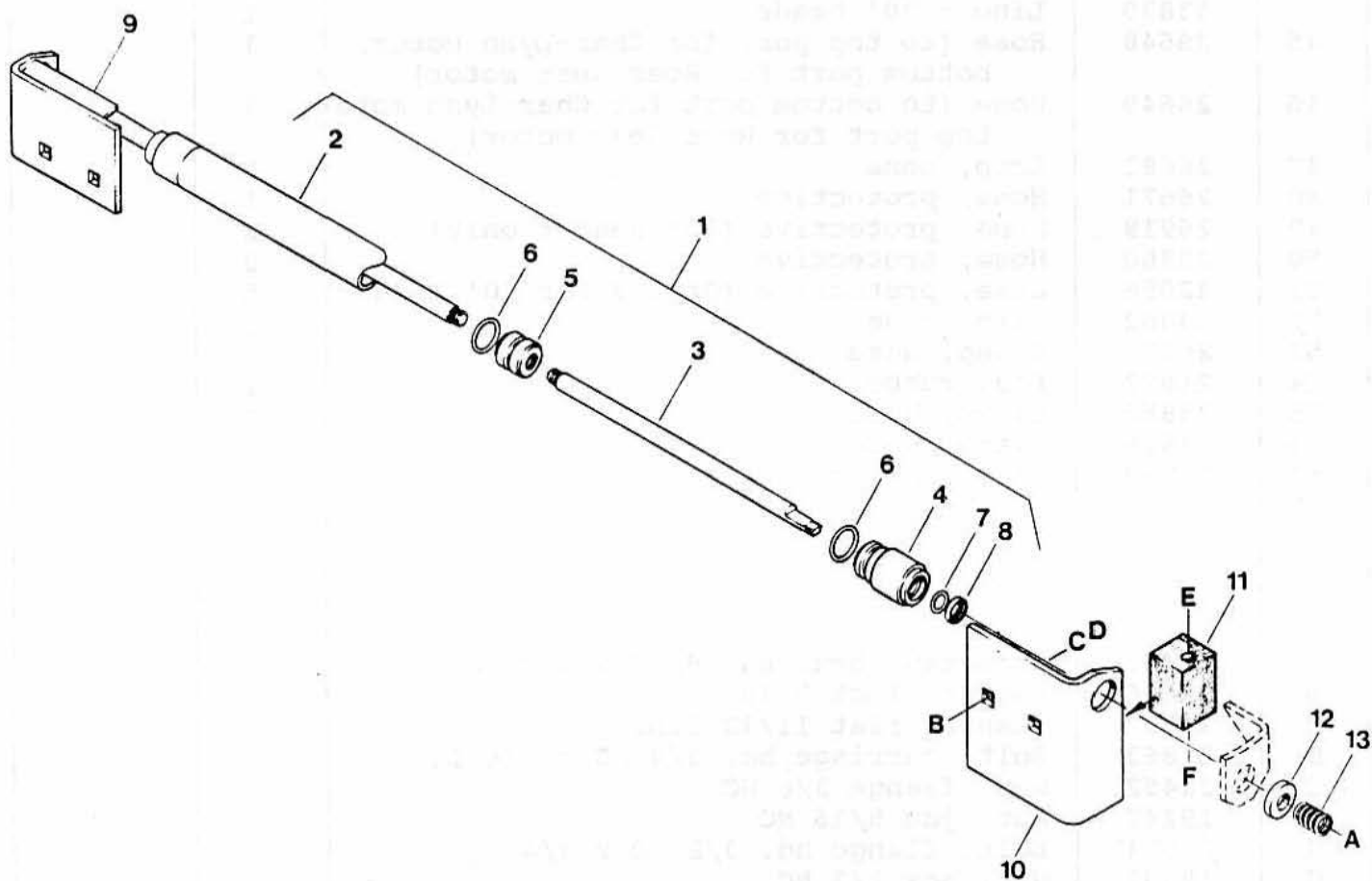


**Adjustable Opening Draper Header
DRAPER DRIVE, REEL DRIVE AND
DECK SHIFT HYDRAULICS**

25

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
41	26661	Hose	1	
42	21881	Connector, male 1/2 tube x 7/8 O-Ring	1	
43	33865	Line - 21' header	1	
	33866	Line - 25' header	1	
	33867	Line - 30' header	1	
44	33868	Line - 21' header	1	
	33869	Line - 25' header	1	
	33870	Line - 30' header	1	
45	26648	Hose (to top port for Char-Lynn motor, bottom port for Ross Gear motor)	1	
46	26649	Hose (to bottom port for Char-Lynn motor, top port for Ross Gear motor)	1	
47	26681	Loop, hose	1	
48	26671	Hose, protective	1	
49	26919	Hose, protective (30' header only)	2	
50	33860	Hose, protective	2	
51	22056	Hose, protective (Qty. 3 for 30' header)	5	
52	33852	Clip, hose	2	
53	26674	Clamp, hose	3	
54	26677	Pad, rubber	1	
55	33858	Clamp, hose	1	
56	33859	Clamp, hose	2	
57	21763	Tie, plastic	7	
A	21087	Capscrew, hex. hd. 5/16 x 1.0 lg.		
B	18636	Washer, lock 5/16		
C	18597	Washer, flat 11/32 I.D.		
D	21863	Bolt, carriage hd. 3/8 NC x 3/4 lg.		
E	21452	Nut, flange 3/8 NC		
F	19243	Nut, jam 5/16 NC		
G	21821	Bolt, flange hd. 3/8 NC x 3/4 lg.		
H	18591	Nut, hex 1/2 NC		
J	18638	Washer, lock 1/2		
K	18669	Nut, lock 3/8 NC distorted thread		
L	19965	Bolt, carriage hd. 3/8 NC x 1.0 lg.		

21", 25" & 30"
Adjustable Opening Draper Header
DECK SHIFT CYLINDER

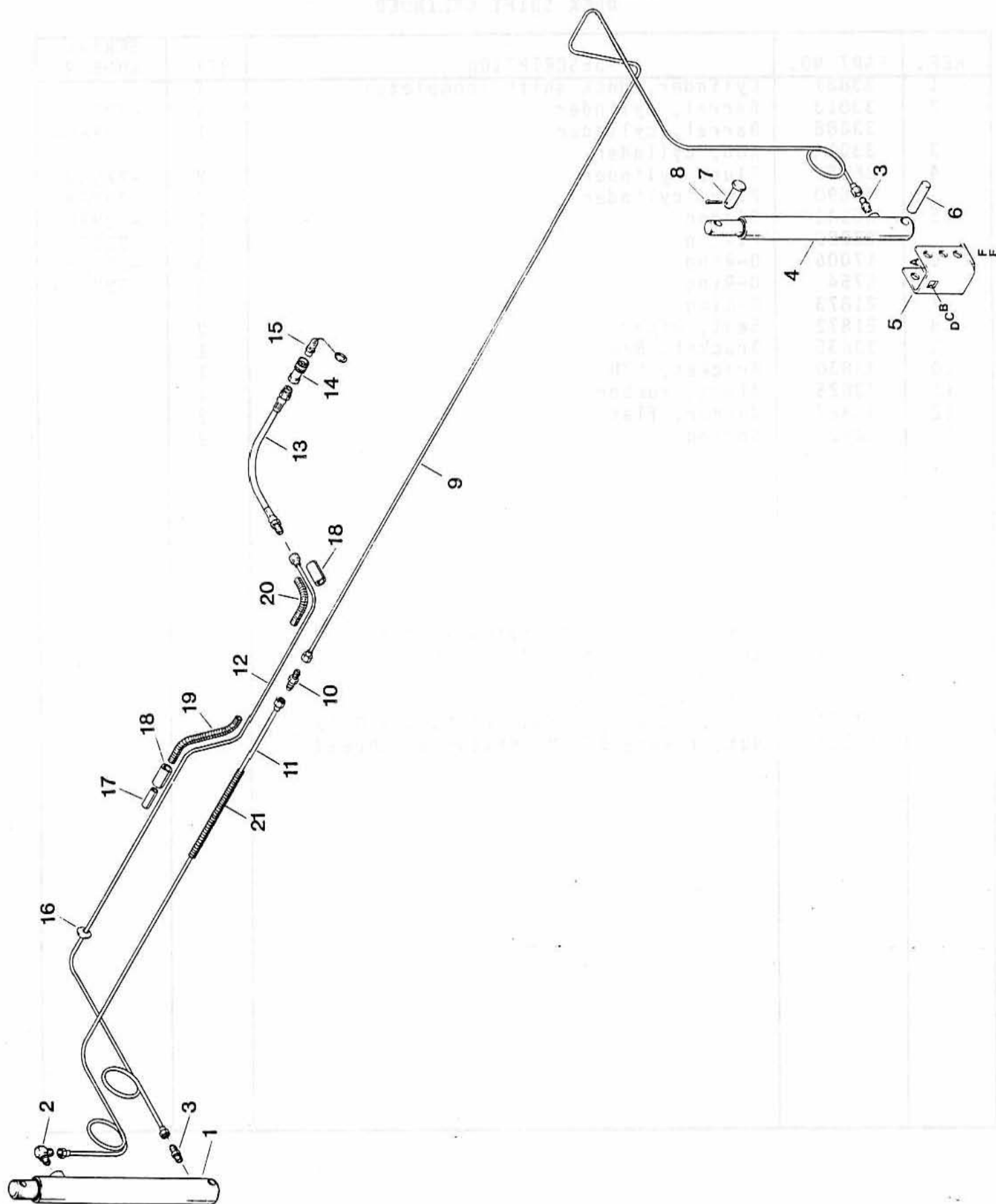


21¹, 25¹ & 30¹
Adjustable Opening Draper Header
DECK SHIFT CYLINDER

27

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	33887	Cylinder, deck shift (complete)	1	
2	33013	Barrel, cylinder	1	-72980
	33888	Barrel, cylinder	1	73288-
3	33014	Rod, cylinder	2	
4	26559	Plug, cylinder	2	-72980
	33890	Plug, cylinder	2	73288-
5	26541	Piston	1	-72980
	33889	Piston	1	73288-
6	17006	O-Ring	3	-72980
	5754	O-Ring	3	73288-
7	21873	O-Ring	2	
8	21872	Seal, wiper	2	
9	33835	Bracket, R/H	1	
10	33830	Bracket, L/H	1	
11	33825	Block, rubber	1	
12	33827	Washer, flat	2	
13	33828	Spring	2	
A	21389	Nut, lock 1/2 NC, nylon insert		
B	21066	Bolt, carriage head 1/2 NC x 1.0 long		
C	18638	Washer, lock 1/2		
D	18591	Nut, hex 1/2 NC		
E	30307	Bolt, carriage head 3/8 NC x 3.0 long		
F	30228	Nut, flange 3/8 NC distorted thread		

Adjustable Opening Draper Header REEL LIFT HYDRAULICS

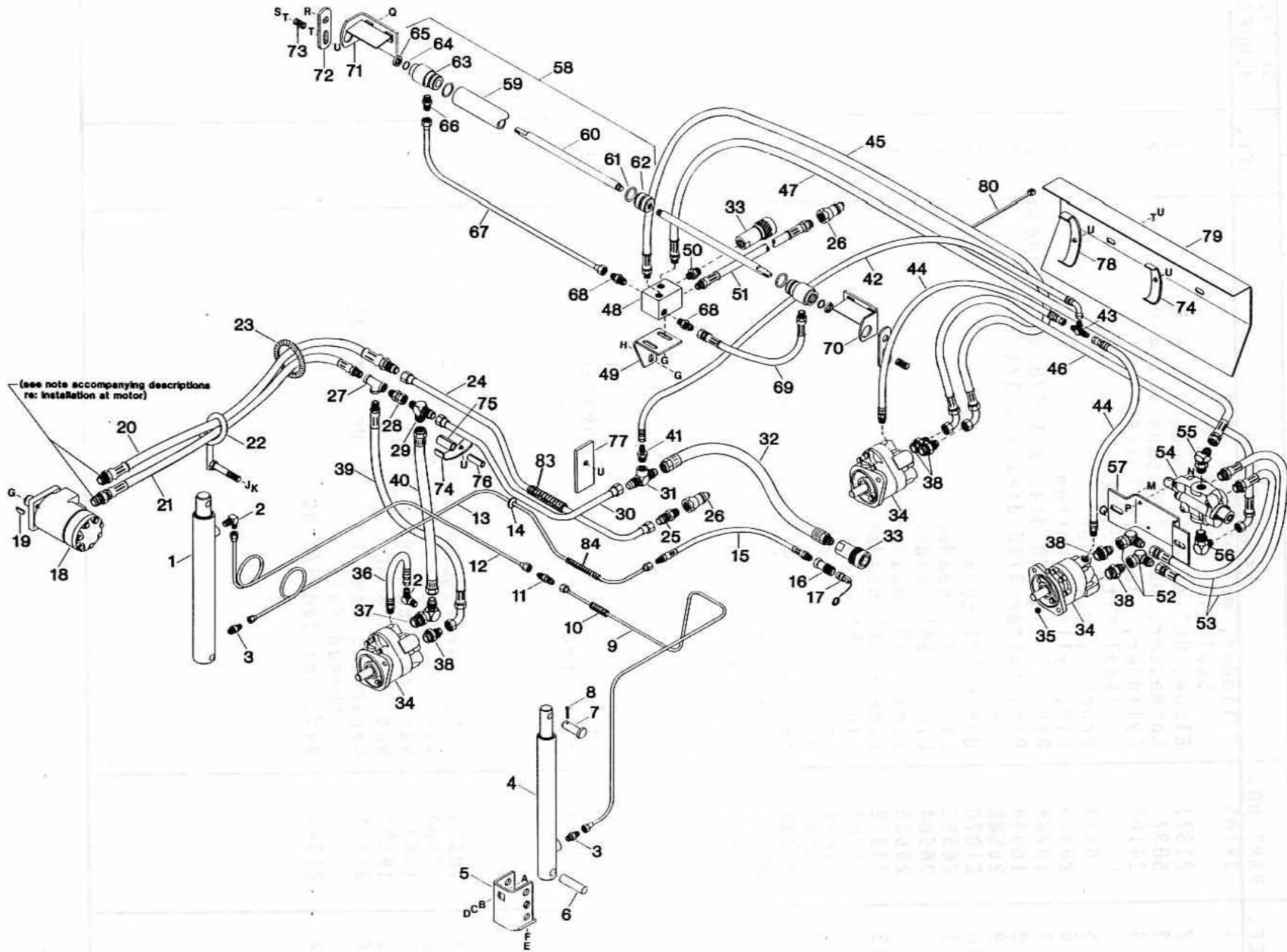


Adjustable Opening Draper Header REEL LIFT HYDRAULICS

29

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	24185	Cylinder, master-reel lift (Seal Kit: 21494)	1	
2	21877	Elbow, 90° male 1/4 tube x 1/4 NPT	1	
3	5837	Connector, male 1/4 tube x 1/4 NPT	2	
4	24186	Cylinder, slave-reel lift (Seal Kit: 21495)	1	
5	26514	Bracket, cylinder	2	
6	26519	Pin, cylinder-bottom	2	
7	18725	Pin, clevis 5/8 dia. x 1 5/8 eff. length	2	
8	18648	Pin, cotter 3/16 dia. x 1 1/4 long	2	
9	26588	Line	1	
10	21878	Union 1/4 tube	1	
11	26583	Line - 21' header	1	
	26584	Line - 25' header	1	
	26585	Line - 30' header	1	
12	33862	Line - 21' header	1	
	33863	Line - 25' header	1	
	33864	Line - 30' header	1	
13	16394	Hose	1	
14	30442	Coupler, Q.D. female 1/4 NPT	1	
15	21876	Plug, dust	1	
16	18500	Grommet	1	
17	26678	Hose, protective (qty. 1 for 30' header)	2	
18	22056	Hose, protective	3	
19	26917	Hose, protective (30' header only)	1	
20	25286	Hose, protective	1	
21	26594	Hose, protective - 21' header	1	
	26595	Hose, protective - 25' header	1	
	26596	Hose, protective - 30' header	1	
A	18523	Bolt, carriage hd. 5/8 NC x 1 1/2 long		
B	18600	Washer, flat 21/32 I.D.		
C	18639	Washer, lock 5/8		
D	18592	Nut, hex 5/8 NC		
E	21871	Capscrew, hex. hd. 5/8 NC x 2 1/2 thread full		
F	21345	Nut, hex jam 5/8 NC		

21^L, 25^L & 30^L FIXED OPENING DOUBLE SMATH HEADER HYDRAULICS

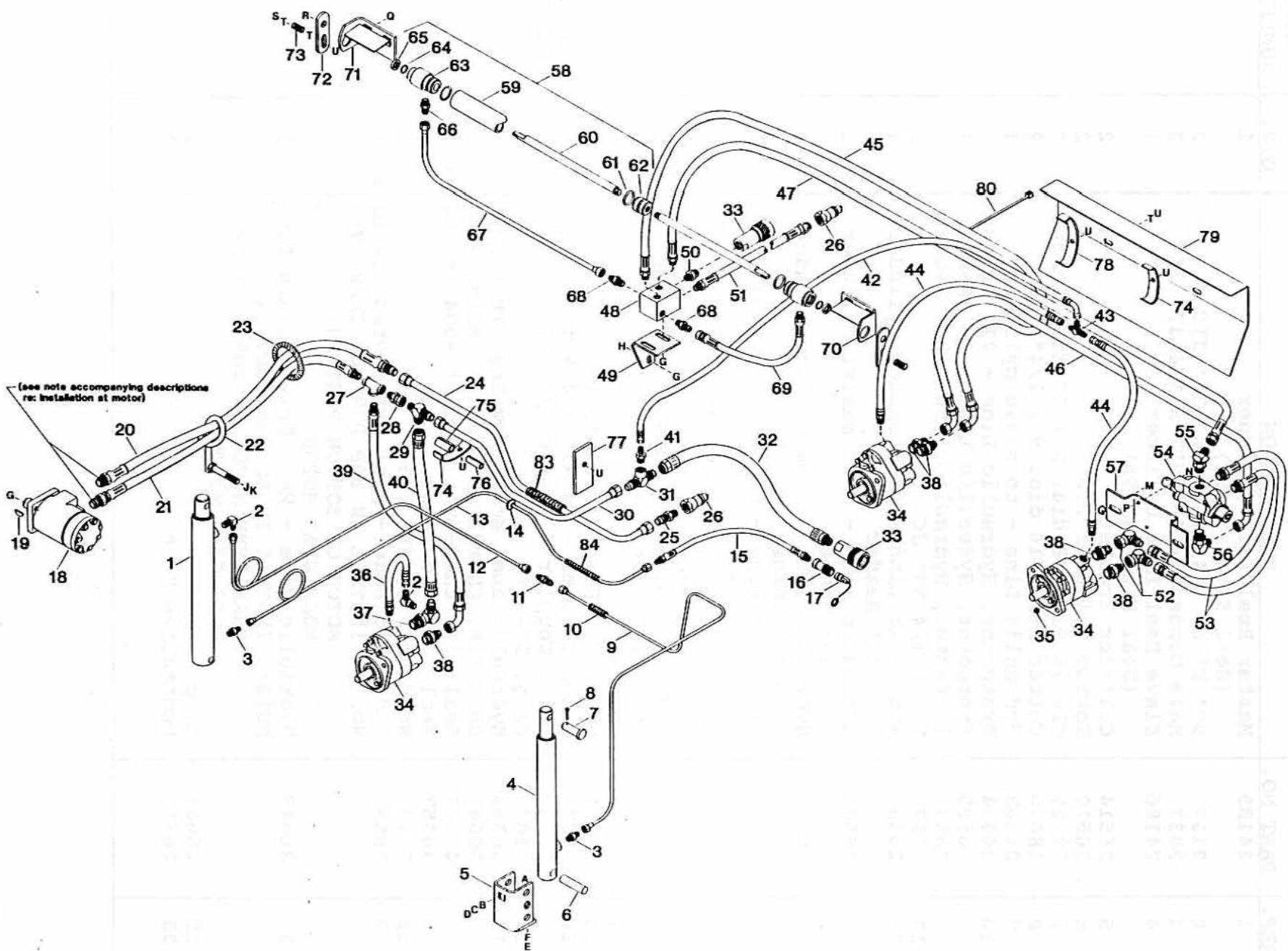


21', 25' & 30'
FIXED OPENING DOUBLE SWATH HEADER HYDRAULICS

31

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	24185	Master Reel Lift Cylinder (Seal Kit: 21494)	1	
2	21877	90° Elbow 1/4 NPT x 1/4 37° JIC	2	
3	5837	Male Connector 1/4 NPT x 1/4 37° JIC	2	
4	24186	Slave Reel Lift Cylinder (Seal Kit: 21495)	1	
5	26514	Cylinder Bracket	2	
6	26519	Bottom Cylinder Pin	2	
7	18725	Clevis Pin 5/8 dia. x 1.9" Eff. Length	2	
8	18648	Cotter Pin 3/16 dia. x 1 1/4" Lg.	2	
9	26588	Hydraulic Line - to slave cylinder	1	
10	26594	Protector, Hydraulic Line - 21' Header	1	
	26595	Protector, Hydraulic Line - 25' Header	1	
	26596	Protector, Hydraulic Line - 30' Header	1	
11	21878	Union 1/4 37° JC	1	
12	26583	Hydraulic Line - from master cylinder - 21' Header	1	
	26584	Hydraulic Line - from master cylinder - 25' Header	1	
	26585	Hydraulic Line - from master cylinder - 30' Header	1	
13	26927	Hydraulic Line - to master cylinder - 21' Header	1	
	26928	Hydraulic Line - to master cylinder - 25' Header	1	
	26929	Hydraulic Line - to master cylinder - 30' Header	1	
14	18500	Grommet	1	
15	16394	Hydraulic Hose - reel lift	1	
16	21875	Quick Coupler - Female 1/4 NPT	1	-68982
	30442	Quick Coupler - Female 1/4 NPT	1	68983-
17	21876	Plug, 1/4 NPT	1	
18	30363	Hydraulic Reel Motor c/w Key (Item 19)	1	
	30047	Seal Kit: Char-Lynn model # ending -007		
	43177	Seal Kit: Char-Lynn model # -008 and up		
	30357	Seal Kit: Ross Gear		
19	2149	Woodruff Key SAE #15	1	
20	26648	Hydraulic Hose - Reel Drive Pressure Line NOTE: INSTALL IN TOP PORT ON CHAR-LYNN MOTOR OR BOTTOM PORT ON ROSS GEAR MOTOR	1	
21	26649	Hydraulic Hose - Reel Drive Return Line NOTE: INSTALL IN BOTTOM PORT ON CHAR-LYNN MOTOR OR TOP PORT ON ROSS GEAR MOTOR	1	
22	26681	Loop	1	
23	26671	Protective Hose	1	

21^L, 25^L & 30^L FIXED OPENING DOUBLE SWATH HEADER HYDRAULICS

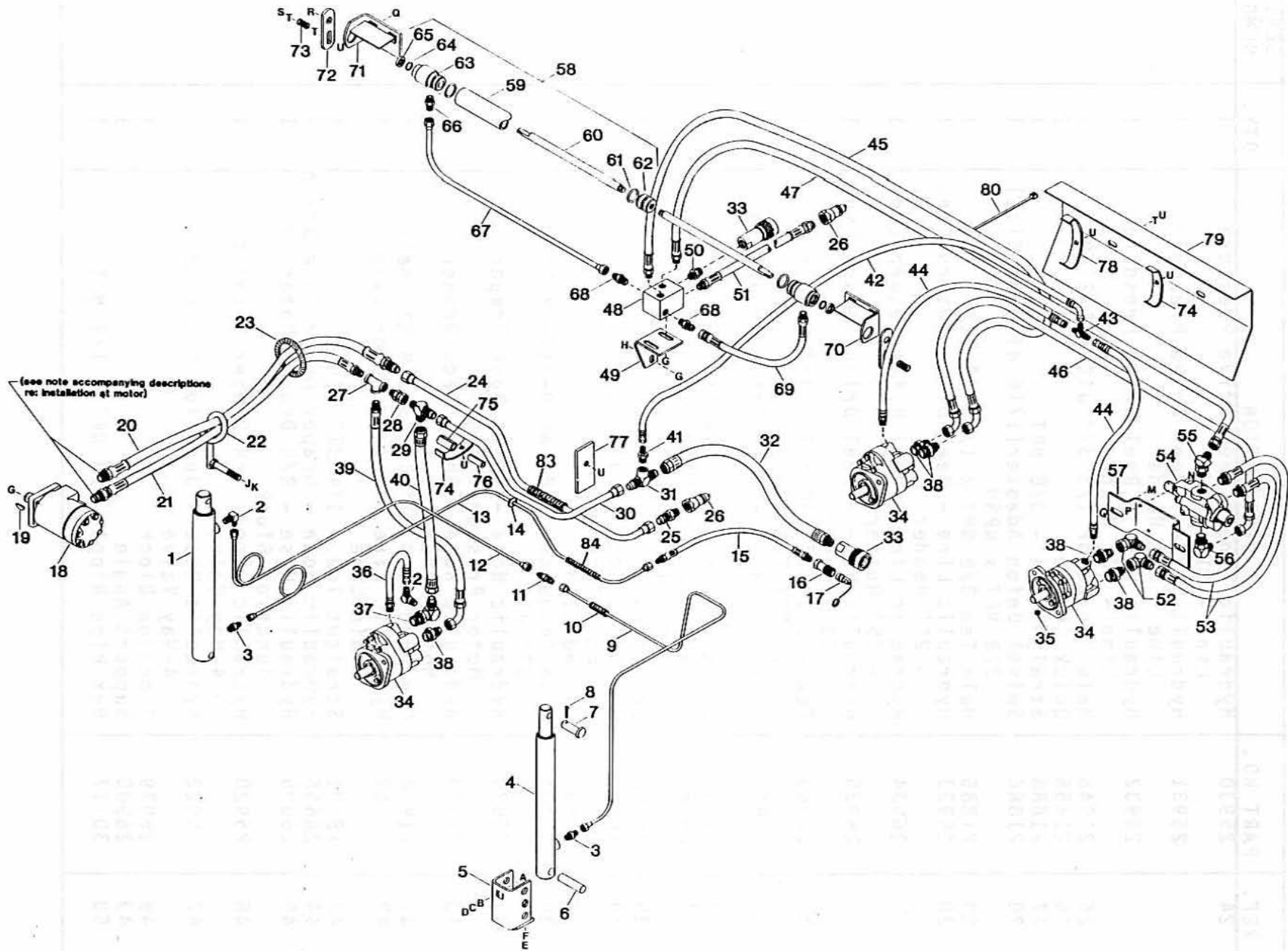


21', 25' & 30'
FIXED OPENING DOUBLE SWATH HEADER HYDRAULICS

33

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
24	26930	Hydraulic Line - Reel Drive Pressure Line - 21' Header	1	
	26931	Hydraulic Line - Reel Drive Pressure Line - 25' Header	1	
	26932	Hydraulic Line - Reel Drive Pressure Line - 30' Header	1	
25	21848	Male Connector 1/2 37° JIC x 1/2 NPT	1	
26	21855	Quick Coupler	2	
27	21888	Straight Tee - 3/8 NPT	1	
28	21886	Swivel Union Adapter(1/16 dia. orifice) 3/8 NPT x NPSM	1	
29	21885	Male Tee 3/8 NPT x 1/2 37° JIC	1	
30	26933	Hydraulic Line - Reel Drive Return Line - 21' Header	1	
	26934	Hydraulic Line - Reel Drive Return Line - 25' Header	1	
	26935	Hydraulic Line - Reel Drive Return Line - 30' Header	1	
31	21883	Tee - 1/2 37° JIC x 1/2 37° Male x 3/8 NPT Female	1	
32	26664	Hydraulic Hose - Reel Drive Return to R/H Tractor Leg	1	
33	21857	Quick Coupler - Female 1/2 NPT	2	
34	24180	Hydraulic Draper Drive Motor (Seal Kit: 30038)	3	
35	26400	Set Screw	6	
36	26661	Hydraulic Hose - Short Deck Draper Motor Case Drain	1	
37	26669	Tapped Elbow	1	
38	21881	Male Connector 7/8 SAE O-RING x 1/2 37° JIC	5	
39	26634	Hydraulic Hose - Short Deck Draper Motor Pressure Line	1	
40	26663	Hydraulic Hose - Short Deck Draper Motor Return Line	1	
41	21884	Connector 1/4 37° JIC x 3/8 NPT Male	1	
42	26662	Hydraulic Line - Draper Motor Case Drain Line	1	
43	18881	Straight Tee - 1/4 37° JIC	1	
44	26656	Hydraulic Hose - Draper Motor Case Drain	2	
45	26636	Hydraulic Hose - R/H Draper Motor to Junction Block	1	
46	26920	Hydraulic Hose - R/H Draper Motor to 4-Way Valve	1	
47	26922	Hydraulic Hose - Junction Block to 4-Way Valve	1	
48	26979	Junction Block	1	
49	26980	Support Angle	1	
50	30217	Hex Pipe Nipple 3/8 NPT x 1/2 NPT	1	

21¹, 25¹ & 30¹ FIXED OPENING DOUBLE SWATH HEADER HYDRAULICS

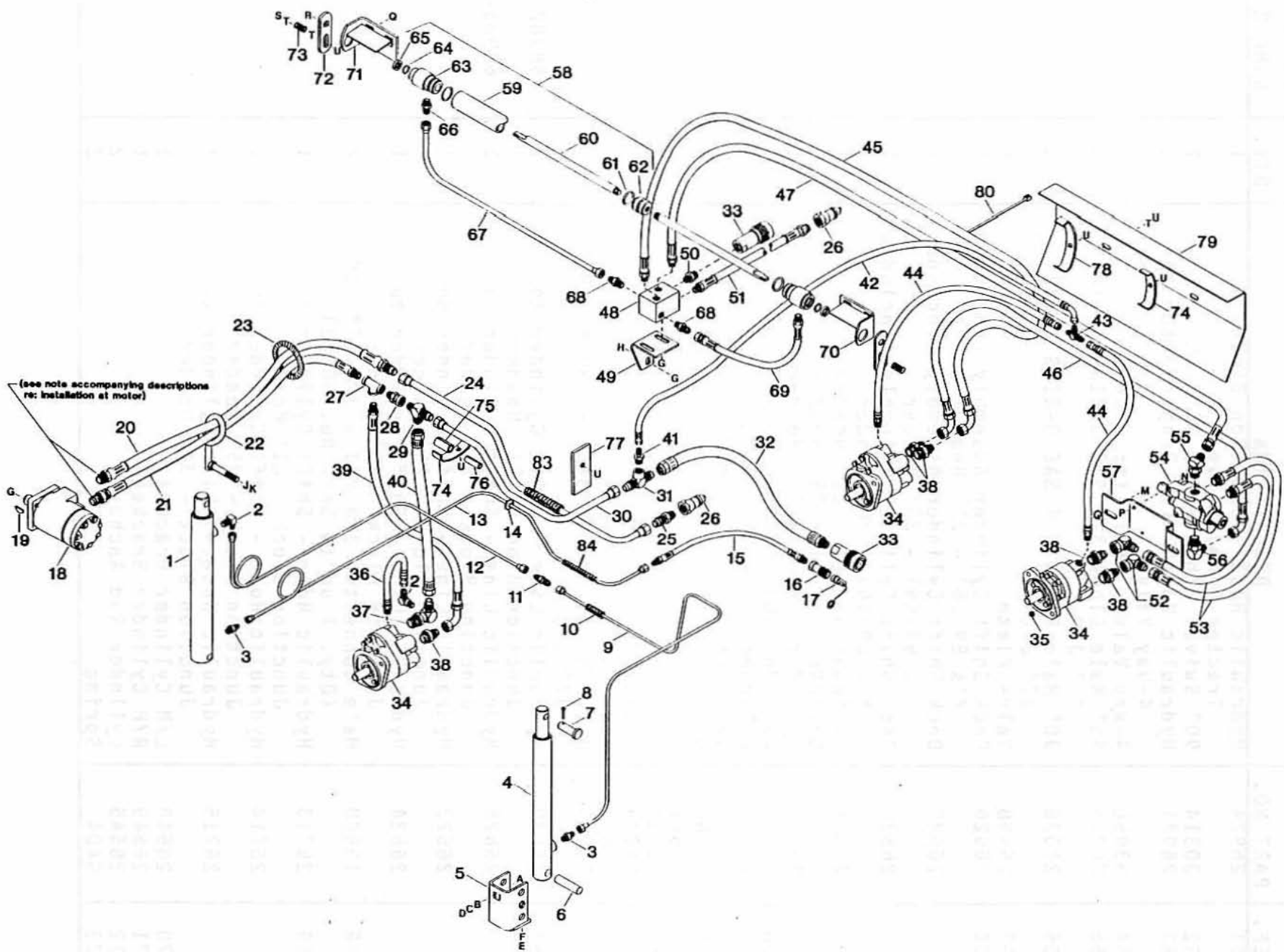


21', 25' & 30'
FIXED OPENING DOUBLE SWATH HEADER HYDRAULICS

35

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
51	26924	Hydraulic Hose - Junction Block to Tractor 4-Way Valve	1	
52	30314	90° Swivel Elbow - 1/2 37° JIC	2	
53	26921	Hydraulic Hose - L/H Draper Motor to 4-Way Valve	2	
54	33850	4-Way Valve (Seal Kit: 30055)	1	
55	30315	45° Male Elbow 3/4 SAE O-RING x 1/2 37° JIC	1	
56	21076	90° Male Elbow 3/4 SAE O-RING x 1/2 37° JIC	1	
57	26998	Valve Plate	1	
58	26526	Deck Shift Cylinder Assembly (includes #'s 59-66) - 21' Header	1	
	26529	Deck Shift Cylinder Assembly (includes #'s 59-66) - 25' Header	1	
	26528	Deck Shift Cylinder Assembly (includes #'s 59-66) - 30' Header	1	
59	26531	Cylinder Barrel - 21' Header	1	
	26532	Cylinder Barrel - 25' Header	1	
	26533	Cylinder Barrel - 30' Header	1	
60	26536	Cylinder Rod - 21' Header	2	
	26537	Cylinder Rod - 25' Header	2	
	26538	Cylinder Rod - 30' Header	2	
61	17006	O-Ring	3	
62	26541	Piston	1	
63	26559	Plug	2	
64	21873	O-Ring	2	
65	21872	Wiper Seal	2	
66	15903	Male Connector 3/8 SAE O-RING x 3/8 37° JIC	1	
67	26622	Hydraulic Line - Shift Cylinder to Junction Block - 21' Header	1	-68982
	26625	Hydraulic Line - Shift Cylinder to Junction Block - 21' Header	1	68983-
	26623	Hydraulic Line - Shift Cylinder to Junction Block - 25' Header	1	
	26624	Hydraulic Line - Shift Cylinder to Junction Block - 30' Header	1	
68	18880	Male Connector 3/8 NPT x 3/8 37° JIC (Qty. 1 up to Ser. No. 68982)	2	
69	26713	Hydraulic Hose - Shift Cylinder to Junction Block - 21' Header	1	
	26714	Hydraulic Hose - Shift Cylinder to Junction Block - 25' Header	1	
	26715	Hydraulic Hose - Shift Cylinder to Junction Block - 30' Header	1	
70	26548	L/H Cylinder Bracket	1	
71	26549	R/H Cylinder Bracket	1	
72	26545	Cylinder Rod Anchor	2	
73	9404	Spring	2	

21^L, 25^L & 30^L FIXED OPENING DOUBLE SWATH HEADER HYDRAULICS

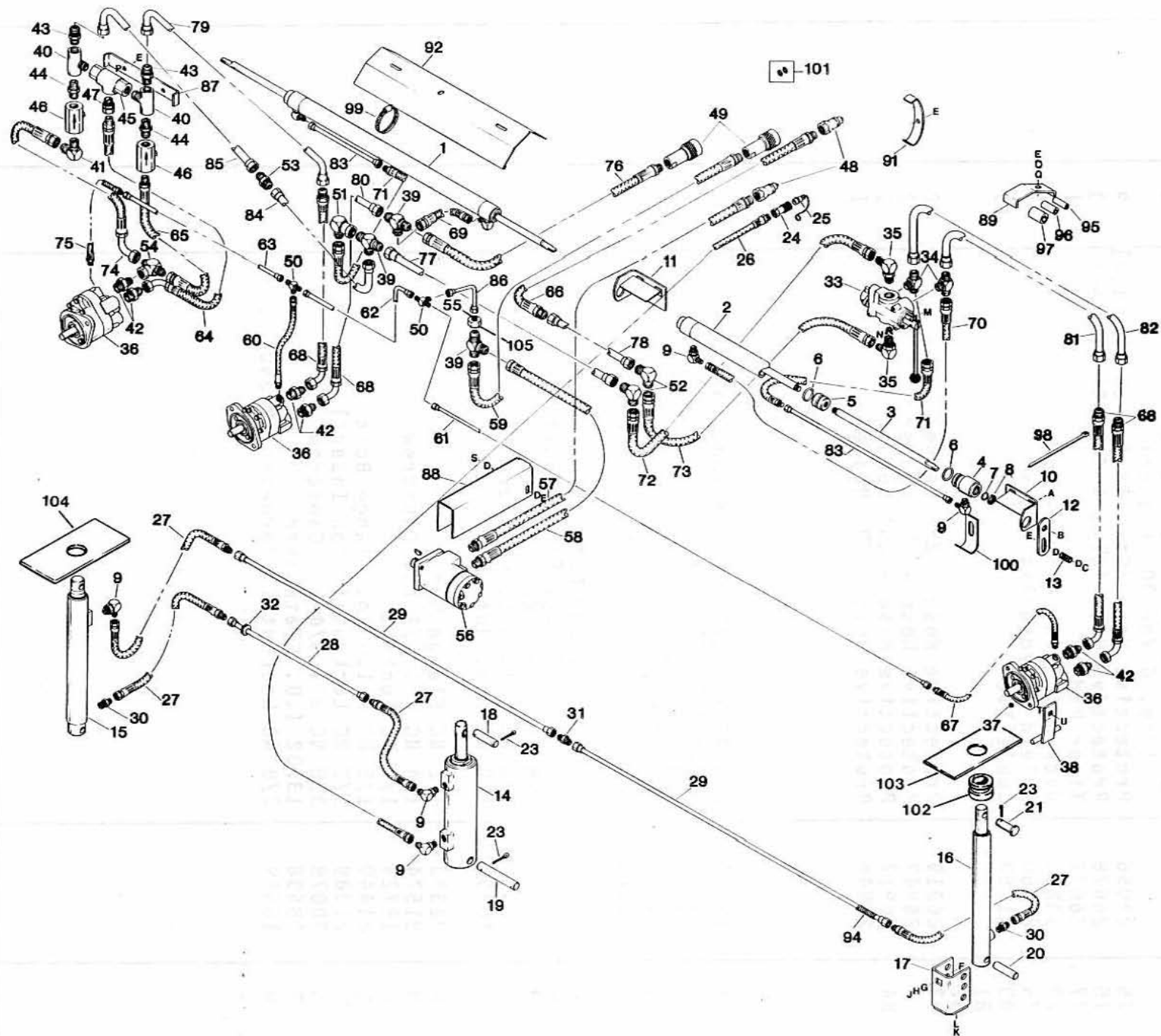


21', 25' & 30'
FIXED OPENING DOUBLE SWATH HEADER HYDRAULICS

37

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
74	26674	Hydraulic Line Clamp - Short (Qty. 6 for 30' Header)	5	
75	22056	Protective Hose (Qty. 12 for 30' Header)	9	
76	26678	Protective Hose (Qty. 4 for 30' Header)	3	
77	26677	Ticor Pad	1	
78	33859	Hydraulic Line Clamp - Long	1	
79	26680	Shield - Hydraulic Lines	1	
80	21763	Cable Tie	13	
81				
82				
83	26919	Protective Hose - 25' Header	2	
	26947	Protective Hose - 30' Header	2	
84	26917	Protective Hose - 25' Header	1	
	26946	Protective Hose - 30' Header	1	
A	18523	5/8 NC x 1 1/2 Lg. Carriage Bolt		
B	18600	21/32 I.D. Flatwasher		
C	18639	5/8 Nom. I.D. Lockwasher		
D	18592	5/8 NC Hex Nut		
E	21871	5/8 NC x 2 1/2 Lg. Thread Full Length Capscrew		
F	21345	5/8 NC Hex. Jam Nut		
G	21821	3/8 NC x 3/4 Lg. Flange Bolt		
H	21452	3/8 NC Flange Nut		
J	18638	1/2 Nom. I.D. Lockwasher		
K	18591	1/2 NC Hex. Nut		
L				
M	21383	1/2 NC Flange Nut		
N	21574	1/4 NC x 1 1/2 Lg. Capscrew		
P	18724	1/4 NC Locknut		
Q	21449	1/2 NC x 1.0 Lg. Flange Bolt		
R	21389	1/2 NC Locknut (Nylon Insert)		
S	20078	3/8 NC x 1 3/4 Lg. Capscrew		
T	18598	13/32 I.D. Flatwasher		
U	18669	3/8 NC Locknut (Alternate: 21390)		

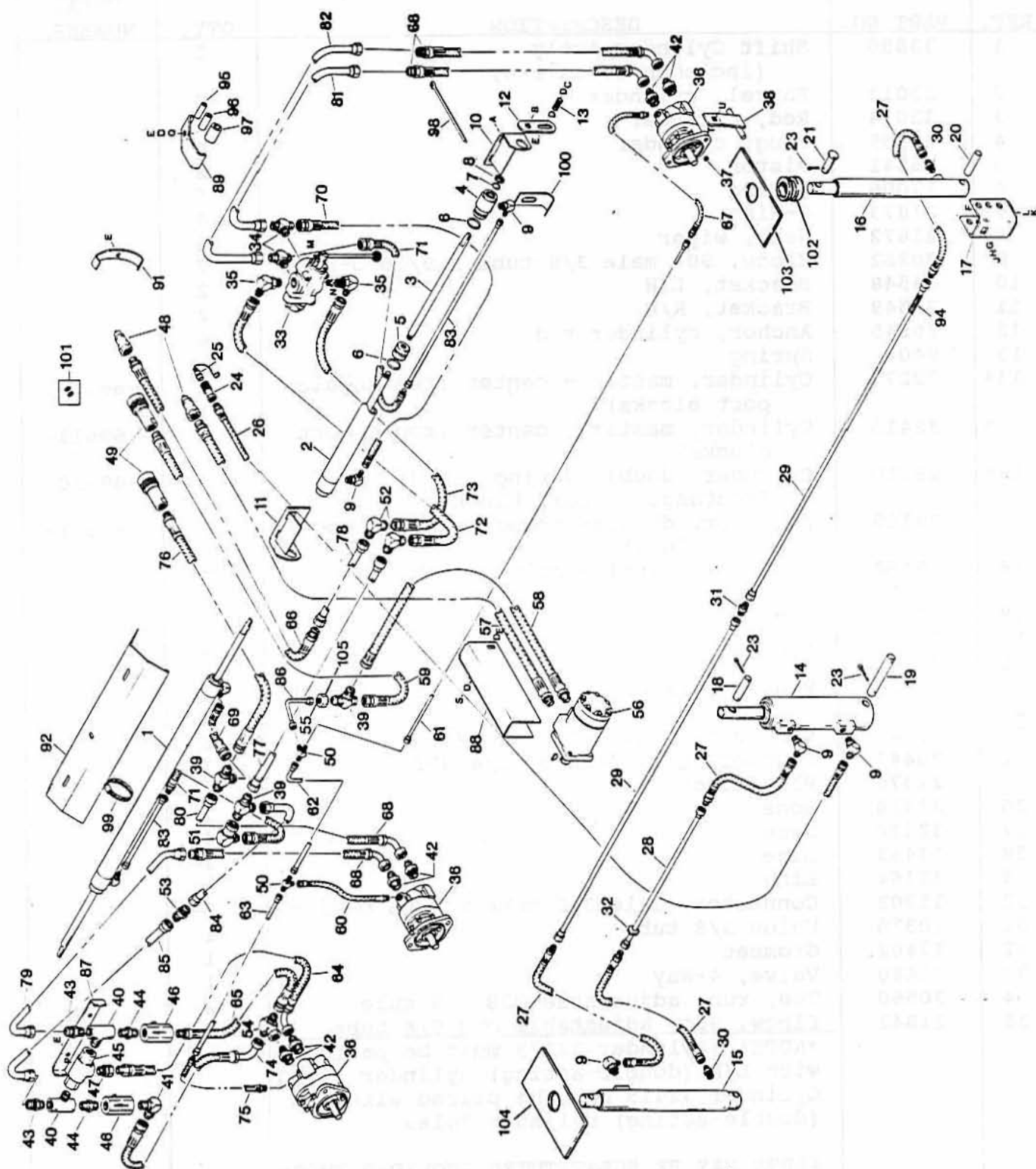
36" DOUBLE SWATH HEADER HYDRAULICS



**36' DOUBLE SWATH HEADER
HYDRAULICS**

39

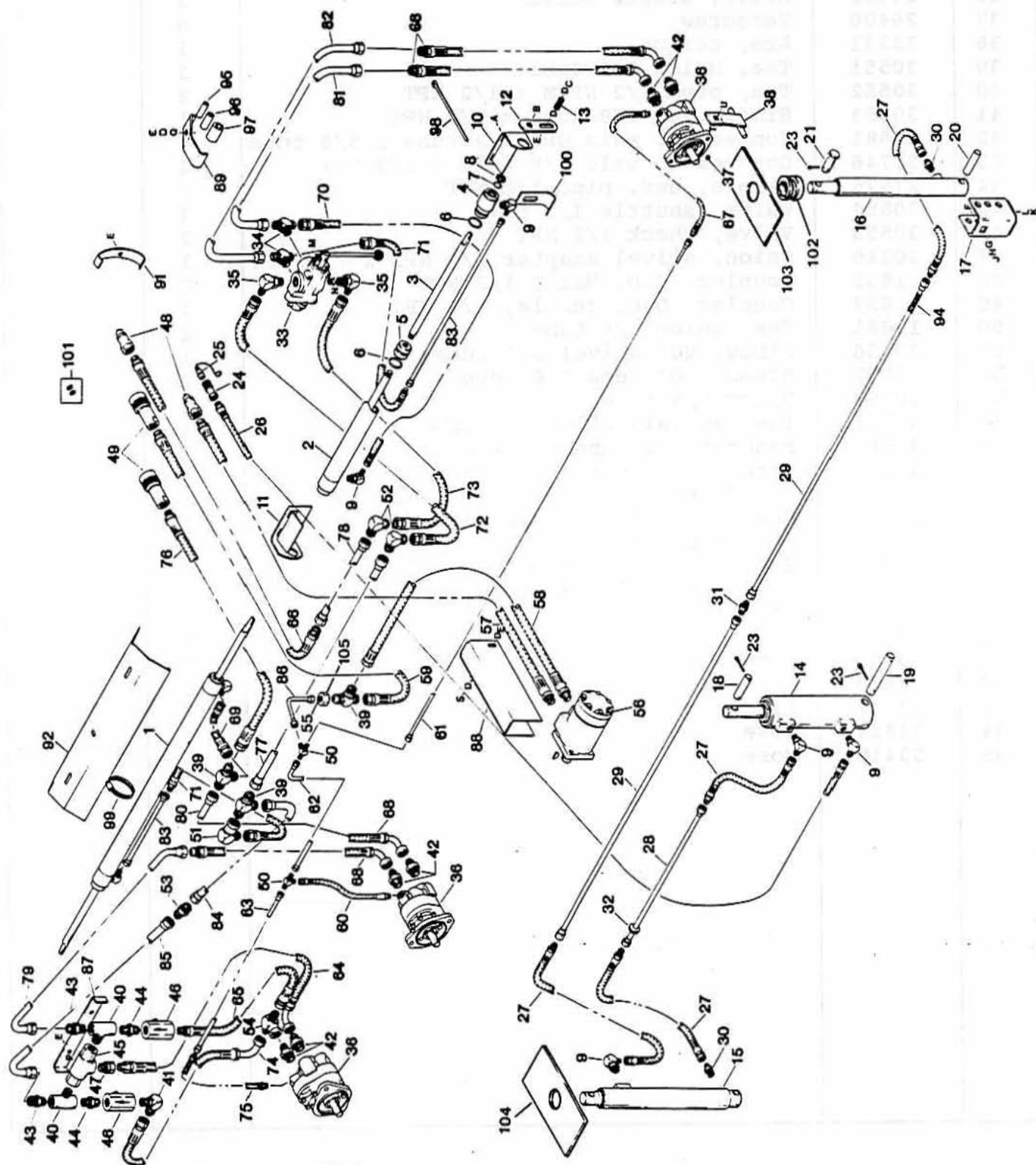
REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	33855	Shift Cylinder Ass'y. (includes items 2-8)	2	
2	33013	Barrel, cylinder	2	
3	33014	Rod, cylinder	4	
4	26559	Plug, cylinder	4	
5	26541	Piston	2	
6	17006	O-Ring	6	
7	21873	O-Ring	4	
8	21872	Seal, wiper	4	
9	30282	Elbow, 90° male 3/8 tube x 9/16 O-RING	7	
10	26548	Bracket, L/H	2	
11	26549	Bracket, R/H	2	
12	26545	Anchor, cylinder rod	4	
13	9404	Spring	4	
14*	32273	Cylinder, master - center (rectangular port blocks)	1	-69610
*	32415	Cylinder, master - center (round port blocks)	1	69611-
15*	29110	Cylinder, double-acting - R/H (rectangular port block)	1	-69610
*	29169	Cylinder, double-acting - R/H (round port block)	1	69611-
16	29168	Cylinder, single-acting - L/H	1	
17	33226	Channel	2	
18	33253	Pin	1	
19	33254	Pin	1	
20	33225	Pin	2	
21	18725	Pin, clevis O/ 5/8 x 1 7/8 eff. length	2	
22				
23	18648	Pin, cotter O/ 3/16 x 1 1/4 Lg.	6	
24	30442	Coupler, Q.D. female, 1/4 NPT	1	
25	21876	Plug, dust	1	
26	33426	Hose	1	
27	33428	Hose	4	
28	33463	Line	1	
29	33464	Line	2	
30	15903	Connector, male 3/8 tube x 9/16 O-Ring	2	
31	30375	Union 3/8 tube	1	
32	17402	Grommet	1	
33	33480	Valve, 4-Way	1	
34	30560	Tee, run, adjustable ORB 5/8 tube	2	
35	21843	Elbow, 90°, adjustable ORB 5/8 tube	2	
*NOTE: Cylinder 32273 must be paired with L/H (double-acting) cylinder 29110 Cylinder 32415 must be paired with L/H (double-acting) cylinder 29169 PARTS MAY BE SUBSTITUTED PROVIDED THESE PAIRINGS ARE MAINTAINED				

36" DOUBLE SWATH HEADER
HYDRAULICS

**36' DOUBLE SWATH HEADER
HYDRAULICS**

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REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
36	24180	Motor, draper drive	3	
37	26400	Setscrew	6	
38	33231	Arm, torque	3	
39	30551	Tee, union 5/8 tube	3	
40	30552	Tee, pipe 1/2 NPSM x 1/2 NPT	2	
41	30553	Elbow, 90° 5/8 tube x 1/2 NPT	1	
42	21881	Connector, male ORB 1/2 tube x 5/8 tube	6	
43	21746	Connector, male 5/8 tube x 1/2 NPT	2	
44	21976	Nipple, hex. pipe 1/2 NPT	2	
45	30554	Valve, shuttle 1/2 NPT	1	
46	30555	Valve, check 1/2 NPT	2	
47	30216	Union, swivel adapter 1/2 NPT x 1/2 NPT	1	
48	21855	Coupler, Q.D. Male, 1/2 NPT	2	
49	21857	Coupler, Q.D. female, 1/2 NPT	2	
50	18881	Tee, union 1/4 tube	2	
51	30556	Elbow, 90° swivel 5/8 tube	1	
52	30557	Elbow, 90° tube 5/8 tube	2	
53	30558	Union 5/8 tube	1	
54	30559	Tee, swivel-outlet 1/2 tube	1	
55	30561	Reducer 5/8 tube x 1/4 tube	1	
56	30363	Motor, reel drive (Char-Lynn) c/w key 2149 (woodruff SAE #15)	1	
57	26834	Hose (to top port for Char-Lynn motor, bottom port for Ross Gear motor)	1	
58	33423	Hose (from bottom port for Char-Lynn, top port for Ross Gear motor)	1	
59	33424	Hose	1	
60	33425	Hose	1	
61	33465	Line	1	
62	33466	Line	1	
63	33467	Line	1	
64	33414	Hose	1	
65	33415	Hose	1	

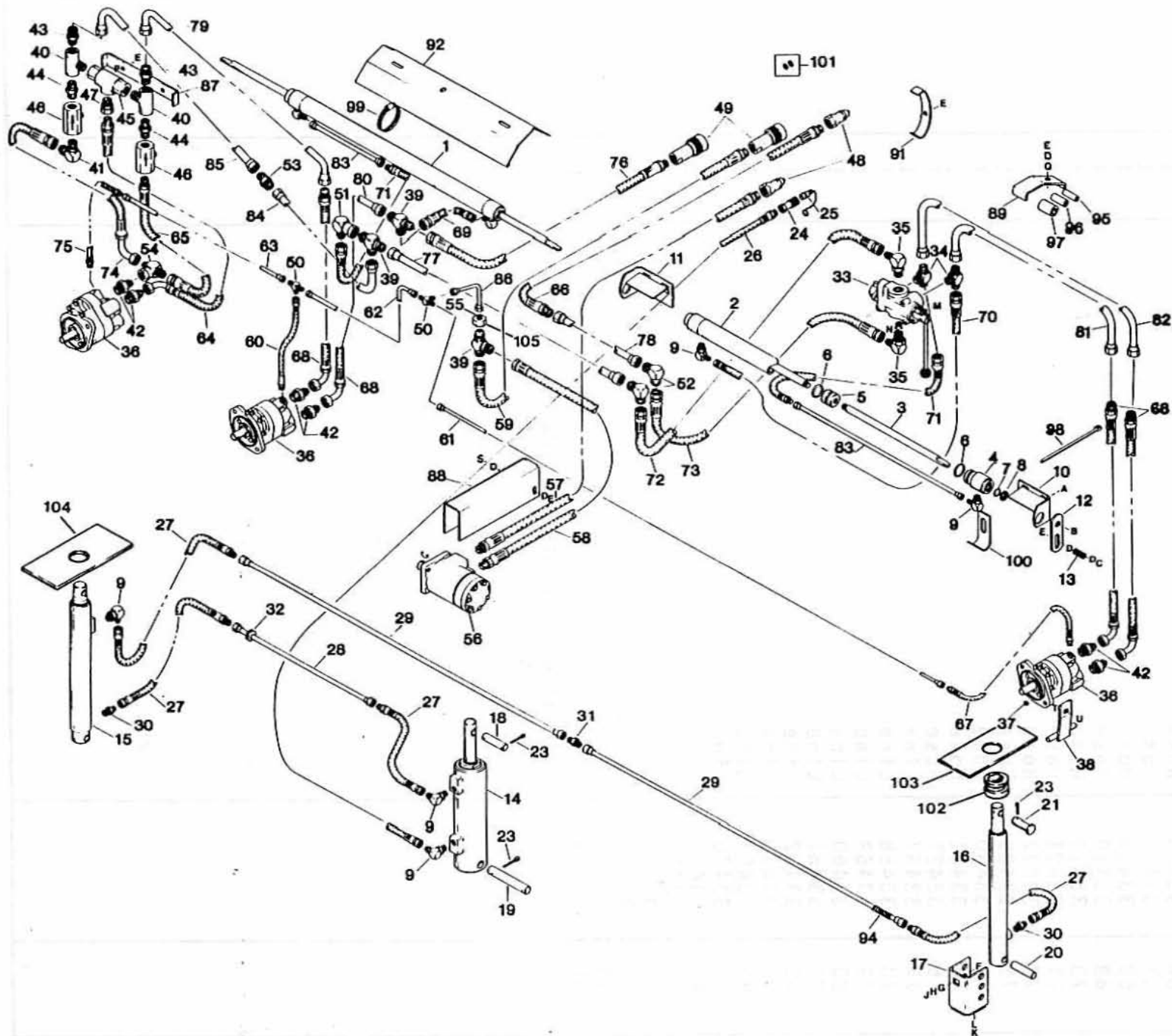
36¹ DOUBLE SWATH HEADER
HYDRAULICS

36" DOUBLE SWATH HEADER HYDRAULICS

43

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
66	33416	Hose	1	
67	33417	Hose	1	
68	33418	Hose	4	
69	33419	Hose	1	
70	33420	Hose	1	
71	33421	Hose	2	
72	33422	Hose	1	
73	33429	Hose	1	
74	33430	Hose	1	
75	33431	Hose	1	
76	33427	Hose	1	
77	33457	Line	1	
78	33458	Line	1	
79	33459	Line	1	
80	33460	Line	1	
81	33461	Line	1	
82	33462	Line	1	
83	33468	Line	2	
84	33469	Line	1	
85	33470	Line	1	
86	33471	Line	1	
87	33483	Clamp	1	
88	33499	Channel	1	
89	33493	Clamp	13	
90				
91	33859	Clamp	1	
92		Hydraulic line shield (see Frame & Shields)		

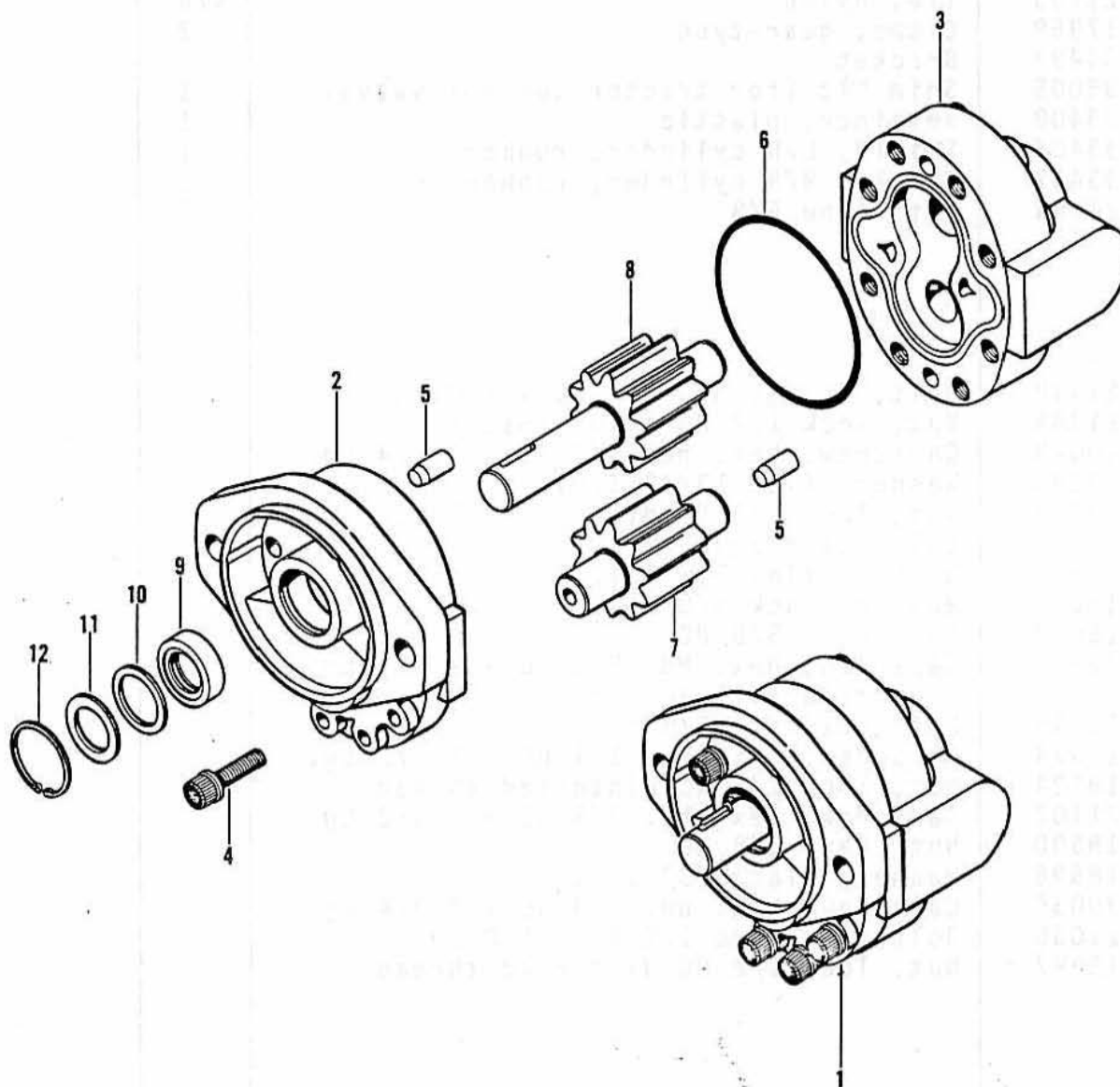
36" DOUBLE SWATH HEADER HYDRAULICS



36¹ DOUBLE SWATH HEADER HYDRAULICS

45

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
94	33491	Hose, protective	1	
95	26678	Hose, protective (for 1/4 tube)	10	
96	33489	Hose, protective (for 1/2 tube)	5	
97	33490	Hose, protective (for 5/8 tube)	40	
98	21763	Tie, nylon	A/R	
99	17959	Clamp, gear-type	2	
100	33498	Bracket	2	
101	33005	Shim Kit (for tractor control valve)	1	
102	33408	Retainer, plastic	1	
103	33406	Shield, L/H cylinder, rubber	1	
104	33407	Shield, R/H cylinder, rubber	1	
105	21744	Nut, tube 5/8	1	
A	21449	Bolt, flange hd. 1/2 NC x 1.0 Lg.		
B	21389	Nut, lock 1/2 NC nylon insert		
C	20078	Capscrew, hex. hd. 3/8 NC x 1 3/4 Lg.		
D	18598	Washer, flat 13/32 I.D.		
E	18669	Nut, lock 3/8 NC distorted thread		
F	18523	Bolt, carriage 5/8 NC x 1 1/2 Lg.		
G	18600	Washer, flat 21/32 I.D.		
H	18639	Washer, lock 5/8 I.D.		
J	18592	Nut, hex. 5/8 NC		
K	21871	Capscrew, hex. hd. 5/8 NC x 2 1/2 Lg. thread full length		
L	21345	Nut, hex. jam 5/8 NC		
M	21574	Capscrew, hex. hd. 1/4 NC x 1 1/2 Lg.		
N	18724	Nut, lock 1/4 NC distorted thread		
P	21102	Capscrew, hex. hd. 3/8 NC x 2 1/2 Lg.		
Q	18590	Nut, hex. 3/8 NC		
R	18596	Washer, flat 9/32 I.D.		
S	30035	Capscrew, hex. hd. 3/8 NC x 2 3/4 Lg.		
T	21066	Bolt, carriage 1/2 NC x 1.0 Lg.		
U	18697	Nut, lock 1/2 NC distorted thread		

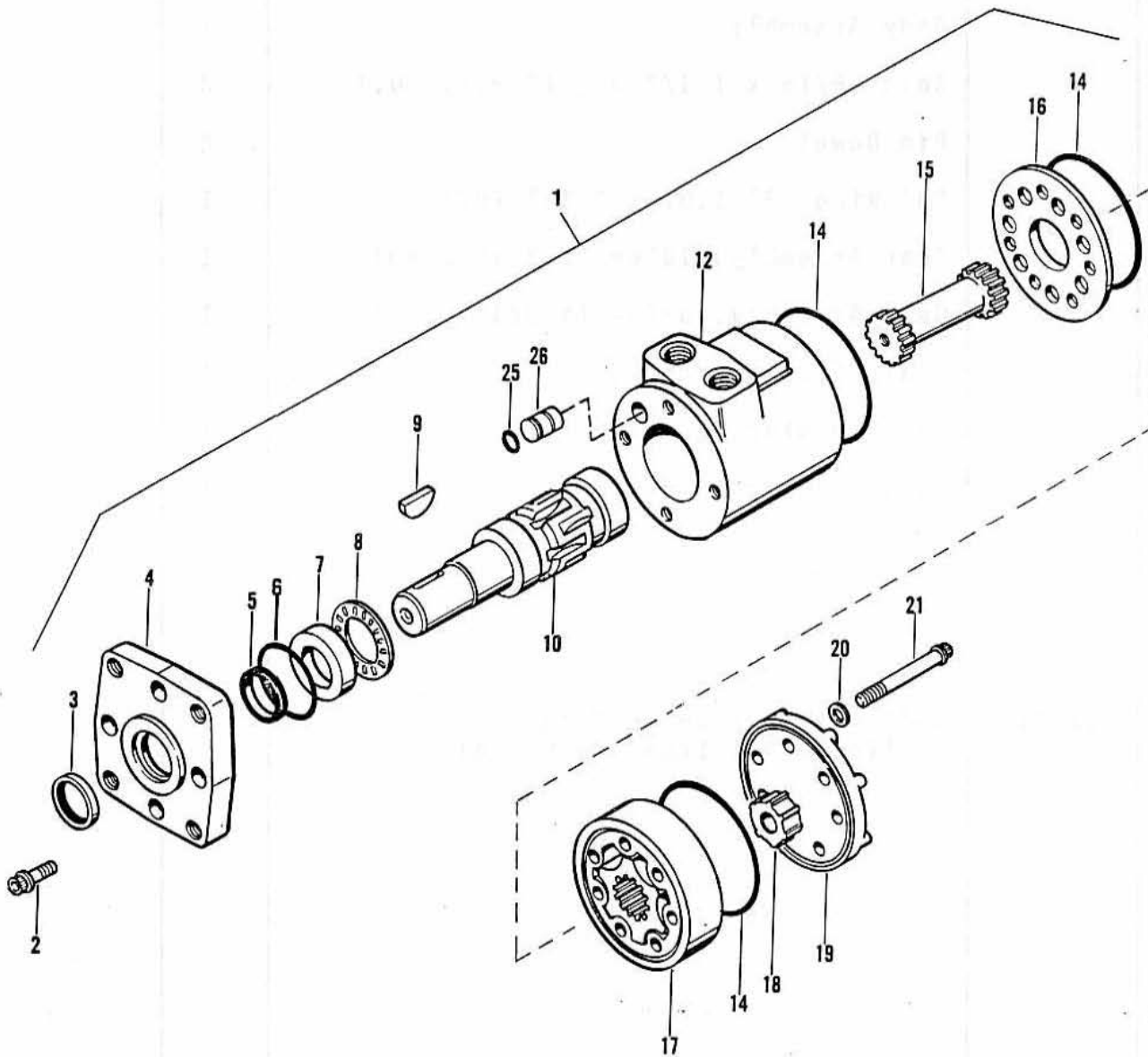
HYDRAULIC GEAR MOTOR
(Draper Drive)

**HYDRAULIC GEAR MOTOR
(Draper Drive)**

47

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	24180	Motor Assembly, Gear (Draper Drive)	1	
2		Plate Assembly, Front	1	
3		Body Assembly	1	
4		Bolt (5/16 x 1 1/2 NC, 12 P.T. HD.)	8	
5		Pin Dowel	2	
6A		"O" Ring (3" I.D. x 3/32" THK)	1	
7		Gear Assembly, Idler (2 3/4" Long)	1	
8		Gear Assembly, Drive (4 3/4" Long)	1	
9A		Seal, Gear Shaft Oil	1	
10A		Back-up Ring, Gear Shaft	1	
11A		Washer, Gear Shaft (Steel)	1	
12A		Ring, Int. Snap	1	
	30038	Seal Kit, Hydraulic Motor (Incl. All Items Marked A)	1	

HYDRAULIC MOTOR
REEL DRIVE: (CHAR-LYNN ONLY)

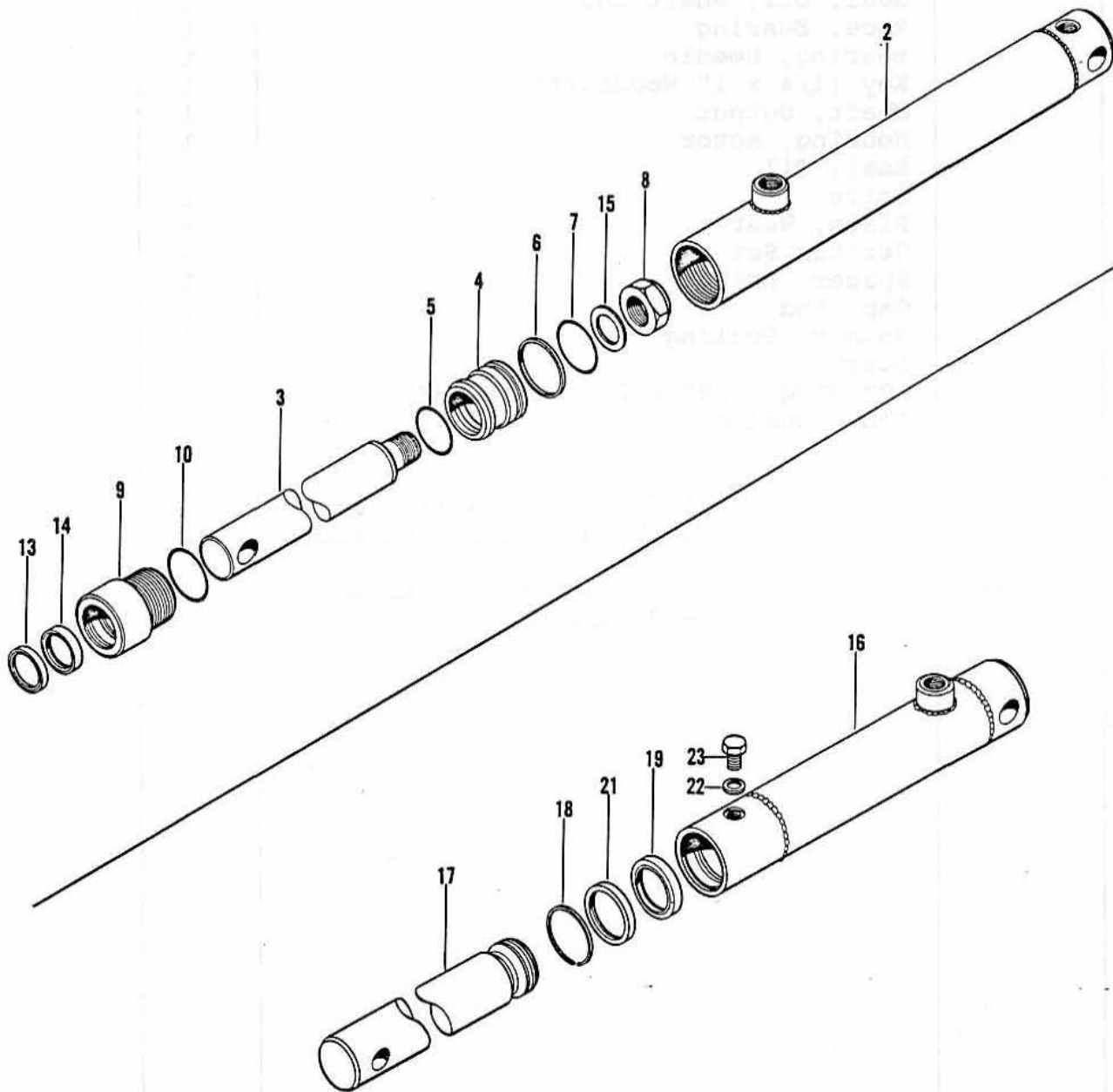


**HYDRAULIC MOTOR
REEL DRIVE (CHAR-LYNN ONLY)**

49

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	30363	Hydraulic Reel Drive Motor	1	
2		Screw 5/16 x 7/8 N.F., 12 PT. HD.	4	
3A		Seal, Dust Shaft End	1	
4		Flange, Mounting	1	
5A		Seal, Shaft End Pressure	1	
6A		Seal, Oil, Shaft End	1	
7		Race, Bearing	1	
8		Bearing, Needle	1	
9		Key (1/4 x 1" Woodruff)	1	
10		Shaft, Output	1	
12		Housing, Motor	1	
14A		Seal, Oil	3	
15		Drive	1	
16		Plate, Wear	1	
17		Gerotor Set	1	
18		Spacer, Drive	1	
19		Cap, End	1	
20A		Washer, Sealing	7	
21		Screw	7	
25A		"O" Ring (3/8" I.D. x 1/16 THK)	1	
26		Plug Housing	1	
		Seal Kits include all items marked "A"		
	30047	Kit, Seal: Char-Lynn motors with model # -007	1	
	43177	Kit, Seal: Char-Lynn motors with model # -008 and up	1	

HYDRAULIC CYLINDERS (REEL)



HYDRAULIC CYLINDERS (REEL)
12' to 30'

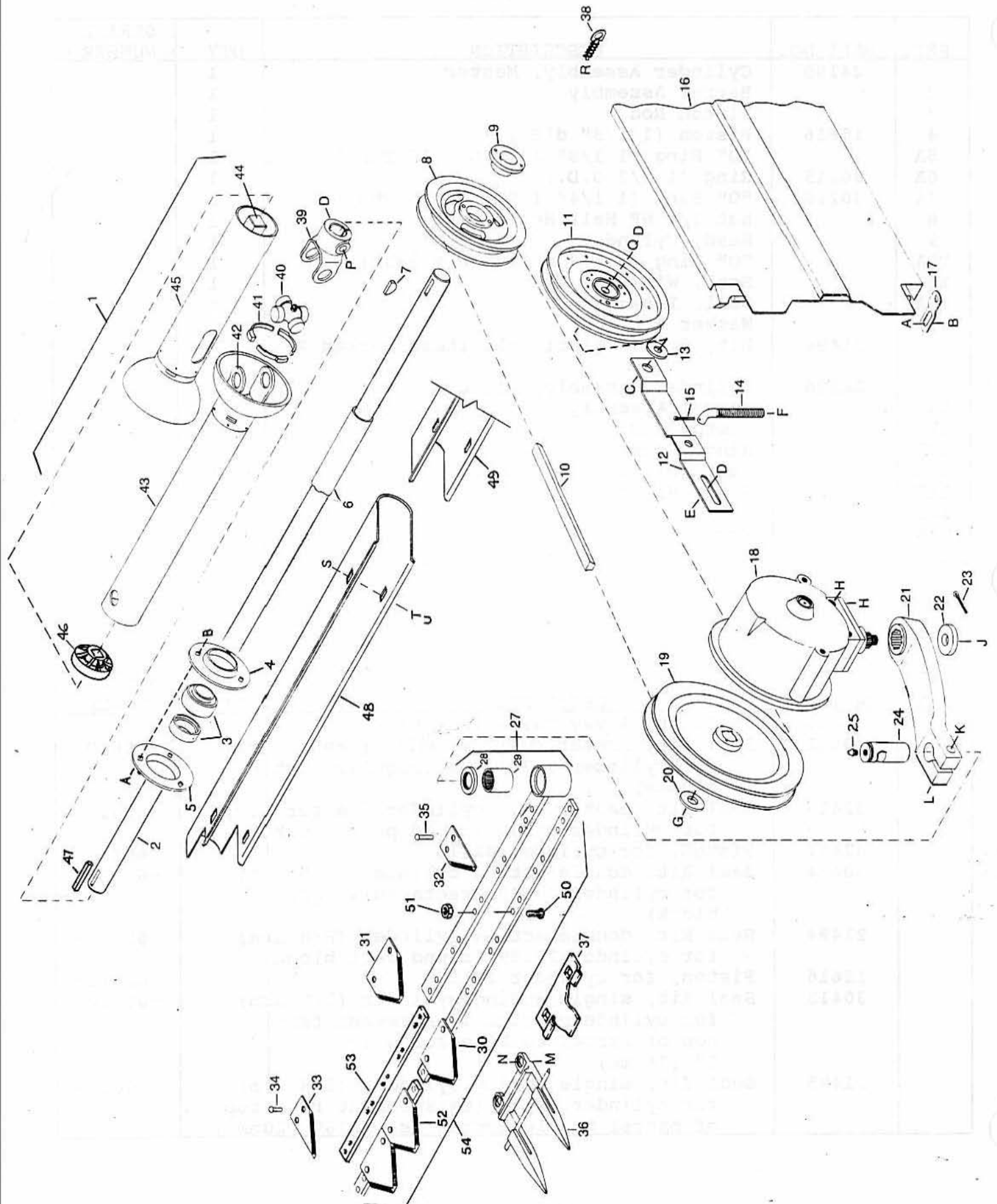
51

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
	24185	Cylinder Assembly, Master	1	
2		Barrel Assembly	1	
3		Piston Rod	1	
4	15616	Piston (1 1/8" dia.)	1	
5A		"O" Ring (1 1/8" I.D. x 1/16 THK.)	1	
6A	30219	Ring (1 1/2 O.D.)	1	
7A	30218	"O" Ring (1 1/4" I.D. x 1/16 THK.)	1	
8		Nut 3/4 NF Half Hex.	1	
9		Head, Cylinder	1	
10A		"O" Ring (1 3/8 x 1 9/16 x 3/32)	1	
13A		Seal, Wiper	1	
14A		Seal, Inner	1	
15		Washer	1	
	21494	Kit, Repair (Incl. all items marked A)		
	24186	Cylinder Assembly, Slave	1	
16		Barrel Assembly	1	
17		Piston Rod	1	
18B		Ring, Lock	1	
19B		Seal, Piston Rod, Inner	1	
21B		Seal, Wiper	1	
22B		Washer	1	
23B		Screw	1	
	21495	Kit, Repair (Incl. all items marked B)		

SEAL KITS
36'

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
	30055	Seal Kit, 4-way valve (33480)		
	30562	Seal Kit, master reel cylinder (center arm) for cylinder 32273 (rectangular port blocks)		-69610
	32416	Seal Kit, master reel cylinder (center arm) for cylinder 32415 (round port blocks)		69611-
	32417	Piston, for cylinder 32415		69611-
	30414	Seal Kit, double acting cylinder (R/H arm) for cylinder 29110 (rectangular port block)		-69610
	21494	Seal Kit, double acting cylinder (R/H arm) for cylinder 29169 (round port block)		69611-
	15616	Piston, for cylinder 29169		69611-
	30413	Seal Kit, single acting cylinder (L/H arm) for cylinders where measurement from top of barrel to bleedscrew is 3" (74 mm)		-69610
	21495	Seal Kit, single acting cylinder (L/H arm) for cylinder 29168 (measurement from top of barrel to bleedscrew is 13/16" [20mm])		69611-

KNIFE & KNIFE DRIVE 12¹ to 30¹ Headers

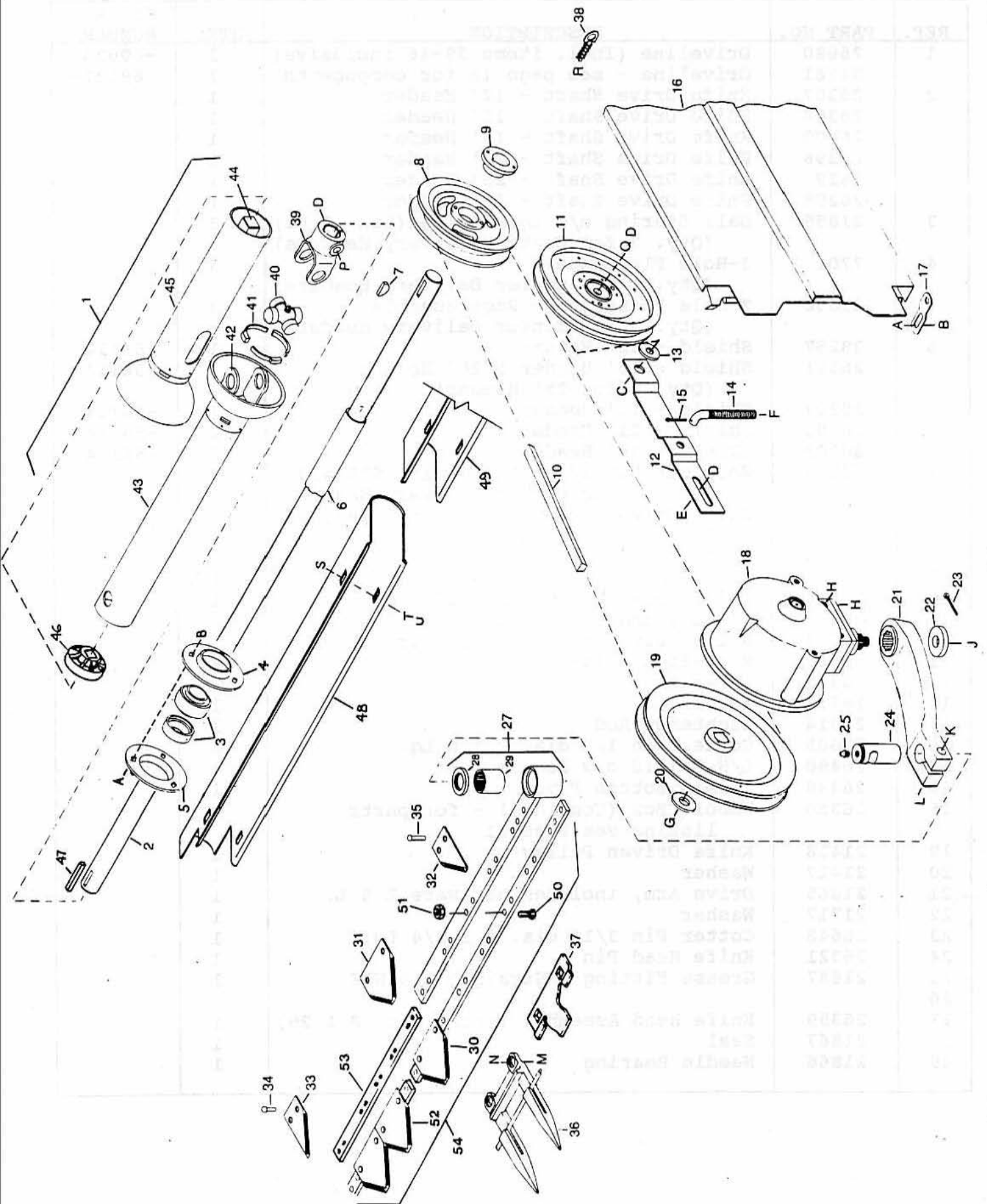


**KNIFE & KNIFE DRIVE
12' to 30' Headers**

53

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	26690	Driveline (Incl. items 39-46 inclusive)	1	-69626
	34361	Driveline - see page 16 for components	1	69627-
2	26307	Knife Drive Shaft - 12' Header	1	
	26308	Knife Drive Shaft - 15' Header	1	
	26309	Knife Drive Shaft - 18' Header	1	
	26296	Knife Drive Shaft - 21' Header	1	
	26297	Knife Drive Shaft - 25' Header	1	
	26298	Knife Drive Shaft - 30' Header	1	
3	21859	Ball Bearing c/w Lock Collar(Sph. O.D.) (Qty. 2 for Center Delivery Headers)	3	
4	7701	3-Hole Flangette (Qty. 2 for Center Delivery Headers)	3	
5	21860	3-Hole Flangette - Regreaseable (Qty. 2 for Center Delivery Headers)	3	
6	28257	Shield - 12' Header	1	-56114
	26301	Shield - 15' Header & 25' Header (Qty. 2 for 25' Header)	1	-56114
	26303	Shield - 18' Header	1	-56114
	26300	Shield - 21' Header	2	-56114
	26302	Shield - 30' Header	2	-56114
7	13298	Woodruff Key 1/4 x 1 1/8 dia. SAE #18 (Qty. 1 for Center Delivery Header)	2	
8	26313	Knife Drive Pulley - 12', 15', 18', 21', and 25' Headers	1	
	26323	Knife Drive Pulley - 30' Header	1	
9	21861	Taper Bushing c/w Bolts	1	
10	26316	Knife Drive Belt - 12', 15', 18', 21', and 25' Headers	1	
	26324	Knife Drive Belt - 30' Header	1	
11	21862	Back-Side Idler	1	
12	26315	Idler Arm	1	
13	18770	Washer	1	
14	26314	Tightener Rod	1	
15	18605	Cotter Pin 1/8 dia. x 1.0 Lg.	1	
16	26490	L/H Shield c/w Decals	1	
17	26498	Shield Bottom Pivot	1	
18	26320	Wobble Box (Complete) - for parts listing see Page 51	1	
19	21418	Knife Driven Pulley	1	
20	21417	Washer	1	
21	21865	Drive Arm, includes hardware K & L.	1	
22	21717	Washer	1	
23	18648	Cotter Pin 3/16 dia. x 1 1/4 Lg.	1	
24	26321	Knife Head Pin	1	
25	21887	Grease Fitting - Straight 1/8 NPT	1	
26				
27	26359	Knife Head Assembly (incl. #'s 28 & 29)	1	
28	21867	Seal	1	
29	21866	Needle Bearing	1	

KNIFE & KNIFE DRIVE 12" to 30" Headers

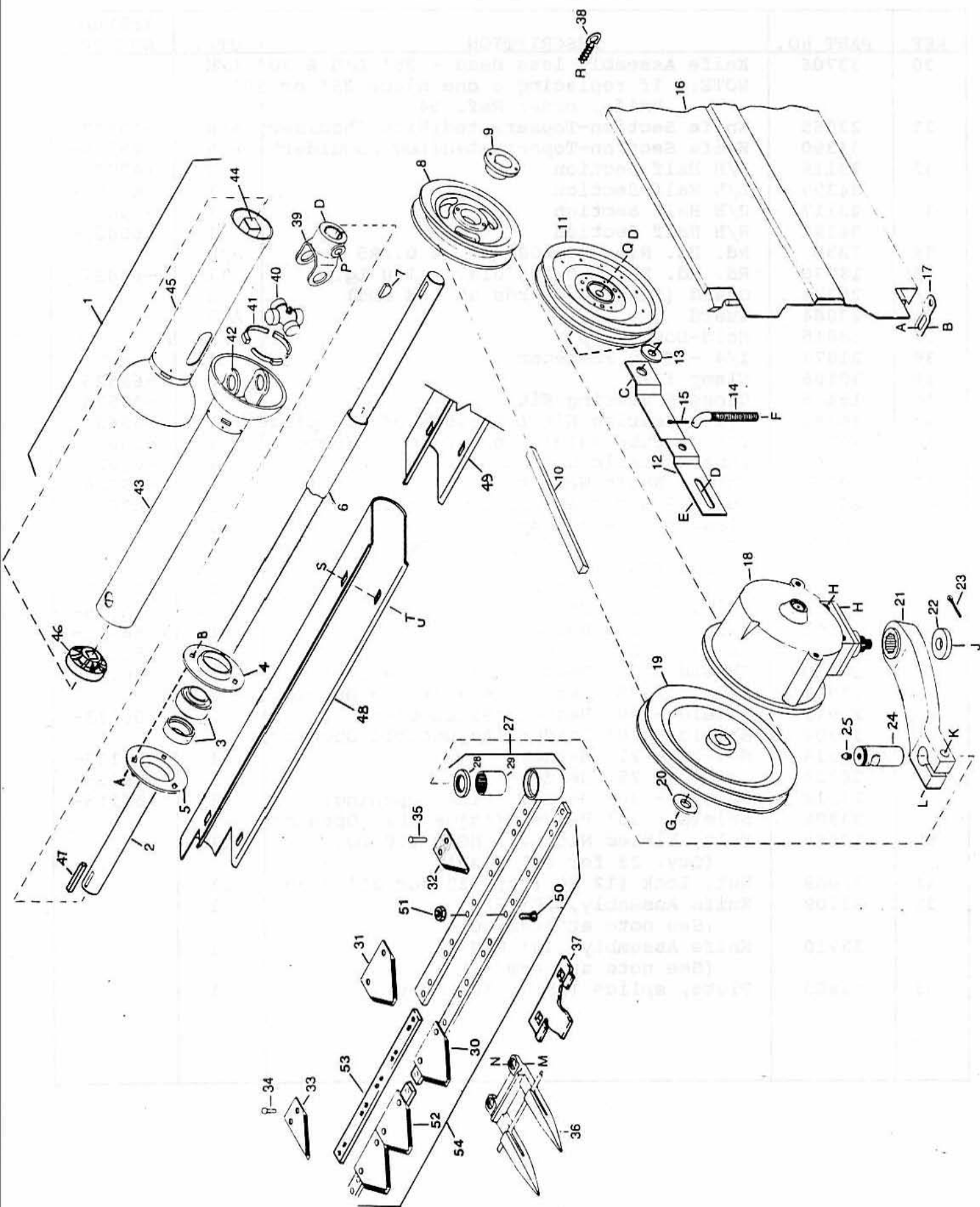


**KNIFE & KNIFE DRIVE
12' to 30' Headers**

55

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
30	33706	Knife Assembly less Head - 25' L/H & 30' L/H NOTE: If replacing a one piece 25' or 30' knife, order Ref. 54		
31	23065	Knife Section-Toperrated(High Shoulder)	A/R	-69827
	34390	Knife Section-Toperrated(Low Shoulder)	A/R	69828-
32	23116	L/H Half Section	1	-69827
	34399	L/H Half Section	1	69828-
33	23117	R/H Half Section	1	-69827
	34391	R/H Half Section	1	69828-
34	7258	Rd. Hd. Rivet 0.208 dia. x 0.625 Lg.	A/R	
35	18730	Rd. Hd. Rivet 0.208 dia. x 1.0 Lg.	11	-69827
36	26370	Guard (first 2 guards at L/H end)	2	
	23064	Guard	A/R	
37	28815	Hold-Down Clip	A/R	
38	21874	1/4 - Turn Fastener	2	
39	30166	Clamp Yoke	2	-69626
40	15406	Cross & Bearing Kit	2	-69626
41	16582	Nylon Bearing Kit (consists of six pieces)	1	-69626
42	30163	Yoke - Tube Weld't. c/w Plastic Support	1	-69626
43	30164	Inner Plastic Shield	1	-69626
44	30162	Yoke - Shaft Weld't.	1	-69626
45	26689	Outer Plastic Shield c/w Decals	1	-69626
46	30167	Plastic Shield Support	1	
47	4808	Key 1/4 x 1/4 x 4 1/4 Lg. (Center Delivery Headers Only)	1	
48	26906	Shield - 12' Header	1	56115-
	26907	Shield - 15' Header	1	56115-
	26908	Shield - 18' Header	1	56115-
	26909	Shield - 21' Header	1	56115-
	26910	Shield - 25' Header (Fixed Opening)	1	56115-
	33907	Shield - 25' Header (Adjustable Opening)	1	
	26911	Shield - 30' Header (Fixed Opening)	1	56115-
	33909	Shield - 30' Header (Adjustable Opening)	1	
49	26914	Shield - 21' Header	1	56115-
	26915	Shield - 25' Header	1	56115-
	26912	Shield - 30' Header (Fixed Opening)	1	56115-
	33908	Shield - 30' Header (Adjustable Opening)	1	
50	30668	Bolt, Ribbed Neck #12 NC x 1.0 Lg. (Qty. 23 for 25' & 30')	11	
51	30669	Nut, Lock #12 NC (Qty. 23 for 25' & 30')	11	
52	33709	Knife Assembly, 25' R/H. (See note at item 30)	1	
	33710	Knife Assembly, 30' R/H (See note at item 30)	1	
53	33955	Plate, splice (25' & 30' only)	1	

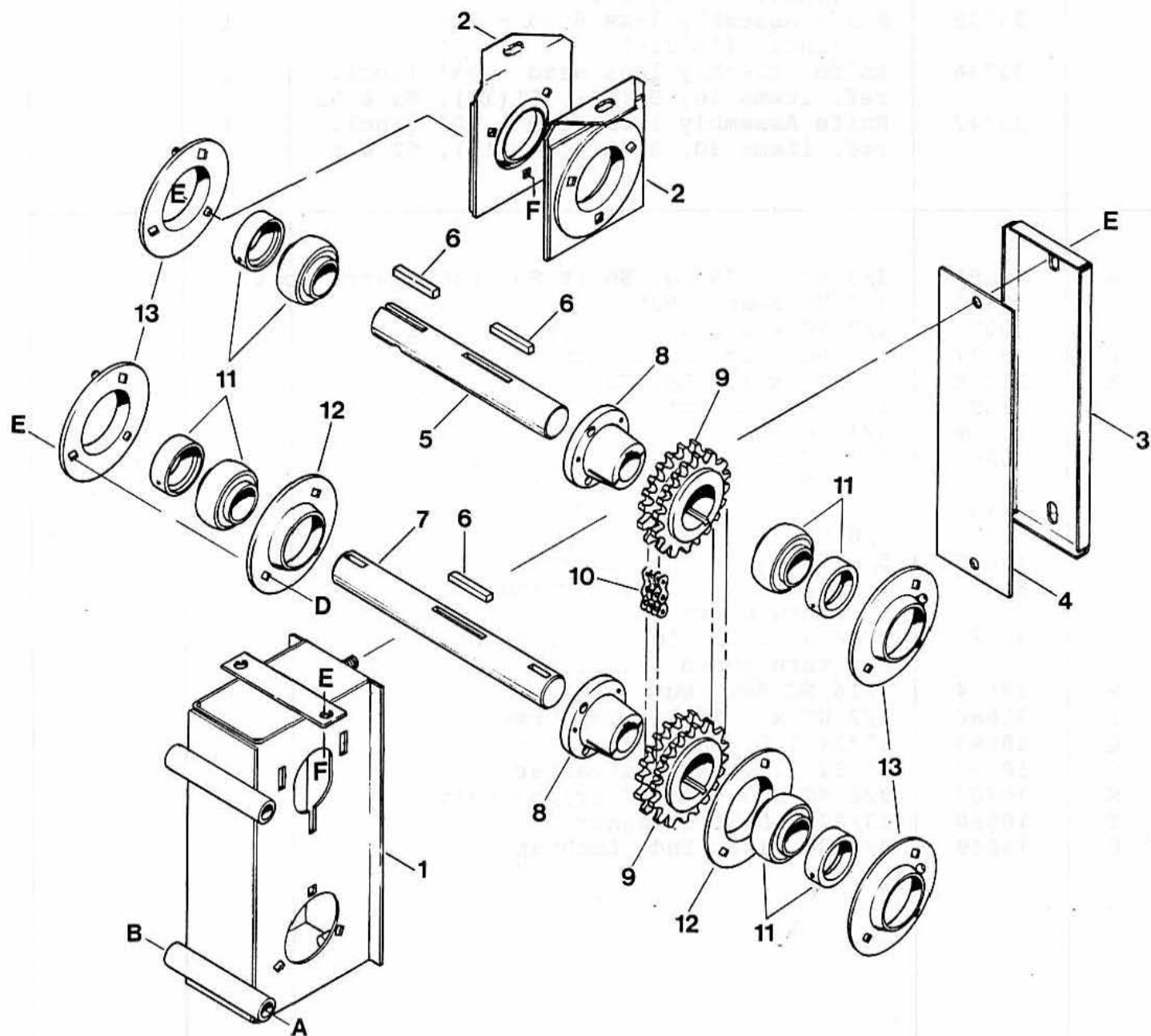
KNIFE & KNIFE DRIVE 12' to 30' Headers



**KNIFE & KNIFE DRIVE
12' to 30' Headers**

57

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
54	33702	Knife Assembly less Head - 12' (incl. #'s 31-34)	1	
	33703	Knife Assembly less Head - 15' (incl. #'s 31-34)	1	
	33704	Knife Assembly less Head - 18' (incl. #'s 31-34)	1	
	33705	Knife Assembly less Head - 21' (incl. #'s 31-34)	1	
	33746	Knife Assembly less Head - 25' (incl. ref. items 30, 50(12), 51(12), 52 & 53	1	
	33747	Knife Assembly less Head - 30' (incl. ref. items 30, 50(12), 51(12), 52 & 53	1	
A	21863	3/8 NC x .75 Lg. Short Sq. Neck Carr. Bolt		
B	21452	3/8 NC Flange Nut		
C	30027	1/2 NC x 2 1/4 Lg. Carriage Bolt		
D	18697	1/2 NC Dist. Thd. Locknut		
E	21575	1/2 NC x 1.0 Lg. Capscrew		
F	18591	1/2 NC Hex. Nut		
G	18689	3/4 NC Locknut		
H	30809	5/8 NC x 2.0 Lg. Capscrew Gr. 8		-73374
	30861	5/8 NF x 2.0 Lg. Capscrew Gr. 8		73375-
J	5440	3/4 NC Slotted Hex. Nut		
K	30922	5/8 NC x 2 3/4 Lg. Capscrew		
L	18666	5/8 NC Dist. Thd. Locknut		
M	8219	7/16 NC x 1.25 Lg. Carriage Bolt (thru guard only)		
	8218	7/16 NC x 1.5 Lg. Carriage Bolt (thru guard and clip)		
N	18654	7/16 NC Hex. Nut		
P	21880	1/2 NC x 2.75 Lg. Capscrew		
Q	18599	17/32 I.D. SAE Flatwasher		
R	18597	11/32 I.D. SAE Flatwasher		
S	30307	3/8 NC x 3.0 Lg. Carriage Bolt		
T	18598	13/32 I.D. Flatwasher		
U	18669	3/8 NC Dist. Thd. Locknut		

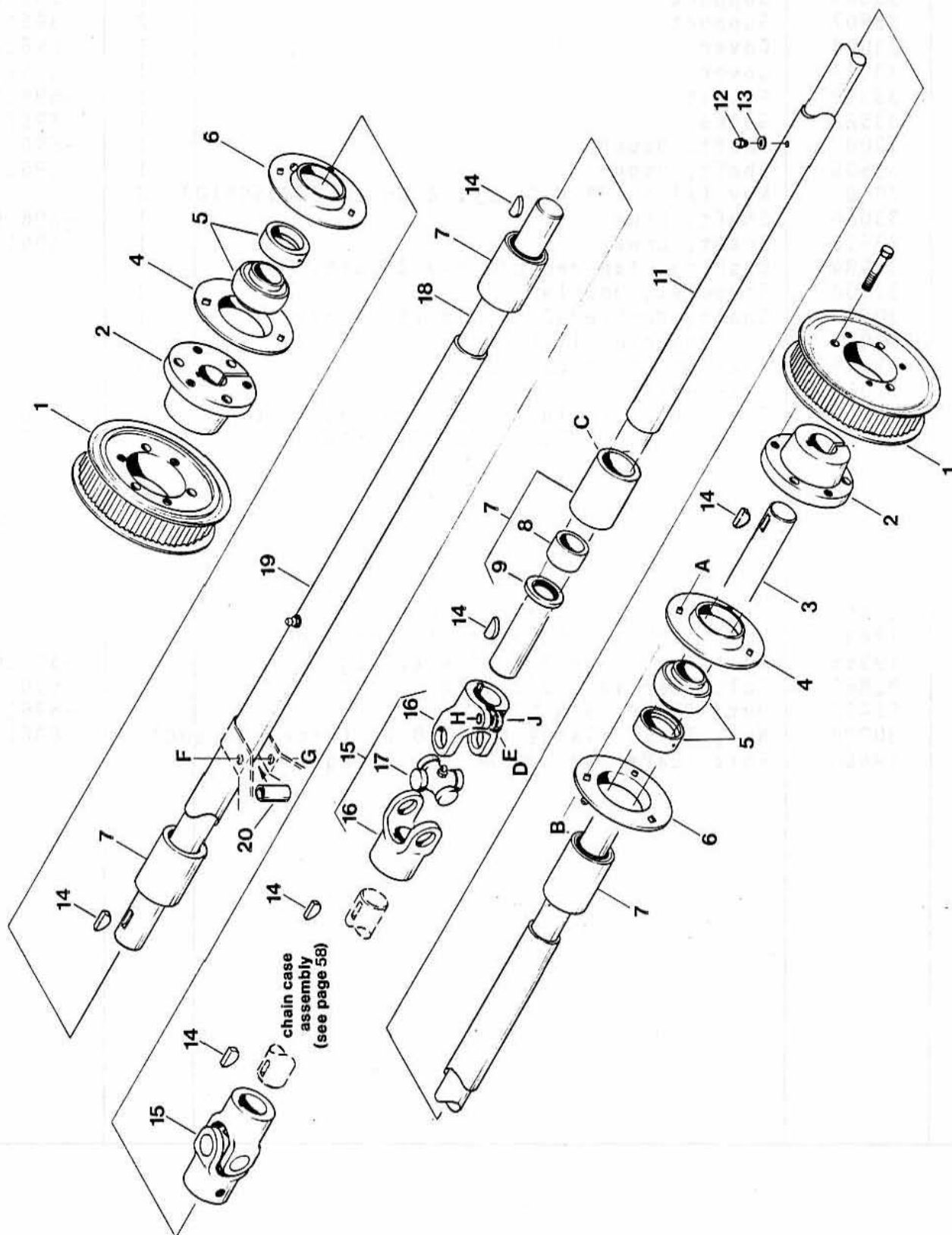
36¹ DOUBLE SWATH HEADER
CHAIN CASE

36" DOUBLE SWATH HEADER CHAIN CASE

59

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	33334	Case, chain	1	-69610
	33517	Case, chain	1	69611-
2	33095	Support	1	-69610
	33507	Support	2	69611-
3	33088	Cover	1	-69610
	33524	Cover	1	69611-
4	33092	Gasket	1	-69610
	33523	Gasket	1	69611-
5	33087	Shaft, Upper	1	-69610
	33525	Shaft, Upper	1	69611-
6	7038	Key 1/4 x 1/4 x 2 (Qty. 2 up to S.N.69610)	3	
7	33086	Shaft, Lower	1	-69610
	33526	Shaft, Lower	1	69611-
8	30034	Bushing, tapered c/w key & bolts	2	
9	33000	Sprocket, double	2	
10	30511	Chain, double RC 50, 38 links c/w:	1	
	30803	Connector link		
11	21859	Bearing, ball c/w collar	4	
12	7701	Flangette	2	
13	21860	Flangette, re-lube c/w straight fitting	4	-69610
	30661	Flangette, re-lube c/w 45° fitting	4	69611-
A	30267	Capscrew, Hex. Hd. 1/2 NC x 6.0 Lg.		
B	18697	Nut, lock 1/2 NC distorted thread		
D	19965	Bolt, carriage 3/8 NC x 1.0 Lg.		-69610
	21863	Bolt, carriage 3/8 NC x 3/4 Lg.		69611-
E	21452	Nut, flange 3/8 NC		-69610
	30228	Nut, lock, flange hd. 3/8 NC (Prev. torque)		69611-
F	19966	Bolt, carriage 3/8 NC x 1.25 Lg.		

36¹ DOUBLE SWATH HEADER KNIFE DRIVE SHAFT

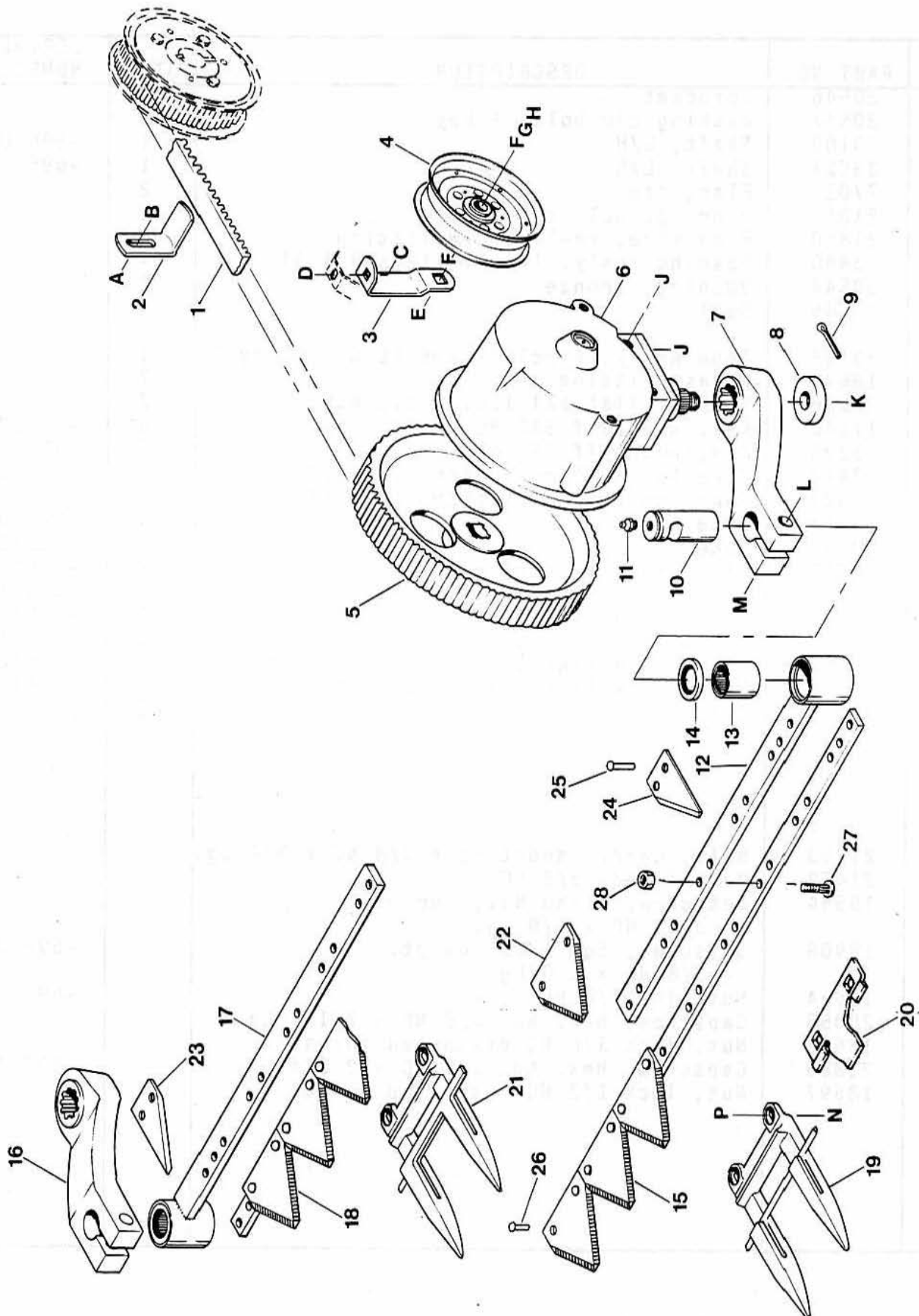


36" DOUBLE SWATH HEADER KNIFE DRIVE SHAFT

61

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	30546	Sprocket	2	
2	30547	Bushing c/w bolts & key	2	
3	33103	Shaft, L/H	1	-69610
	33527	Shaft, L/H	1	-69611
4	7701	Flangette	2	
5	21859	Bearing, ball c/w collar	2	
6	21860	Flangette, re-lube c/w fitting	2	
7	33440	Bushing Ass'y. (incl. items 8 & 9)	4	
8	30544	Bushing, bronze	4	
9	30545	Seal	4	
10				
11	33105	Tube Ass'y. (incl. items 12 & 13, Qty.3)	1	
12	18671	Grease Fitting	7	
13	30526	Washer, flat 1/4 I.D. x 1.2 O.D.	7	
14	11142	Key, woodruff SAE #C	6	-69610
	13298	Key, woodruff SAE #18	6	69611-
15	33443	Yoke Ass'y. (incl. items 16 & 17)	2	-69610
	33529	Yoke Ass'y. (incl. items 16 & 17)	2	69611-
16	30543	Yoke	4	-69610
	30166	Yoke	4	69611-
17	18922	Kit, cross & bearing	2	-69610
	15406	Kit, cross & bearing	2	69611-
18	33104	Shaft, R/H	1	-69610
	33528	Shaft, R/H	1	69611-
19	33106	Tube Ass'y. (Incl. items 12 & 13, Qty. 4)	1	-69610
	33510	Tube Ass'y. (Incl. items 12 & 13, Qty. 4)	1	69611-
20	33083	Spacer	5	
A	21863	Bolt, carr., short neck 3/8 NC x 3/4 Lg.		
B	21452	Nut, flange 3/8 NC		
C	18584	Setscrew, Allan Hd., cup pt. 5/16 NC x 3/8 Lg.		
D	18908	Setscrew, Sq. hd., cup pt. 3/8 NC x 1.0 Lg.		-69610
E	18664	Nut, jam 3/8 NC		-69610
F	20055	Capscrew, hex. hd. 3/8 NC x 2 1/4 Lg.		
G	18669	Nut, lock 3/8 NC distorted thread		
H	21880	Capscrew, hex. hd. 1/2 NC x 2 3/4 Lg.		69611-
J	18697	Nut, lock 1/2 NC distorted thread		

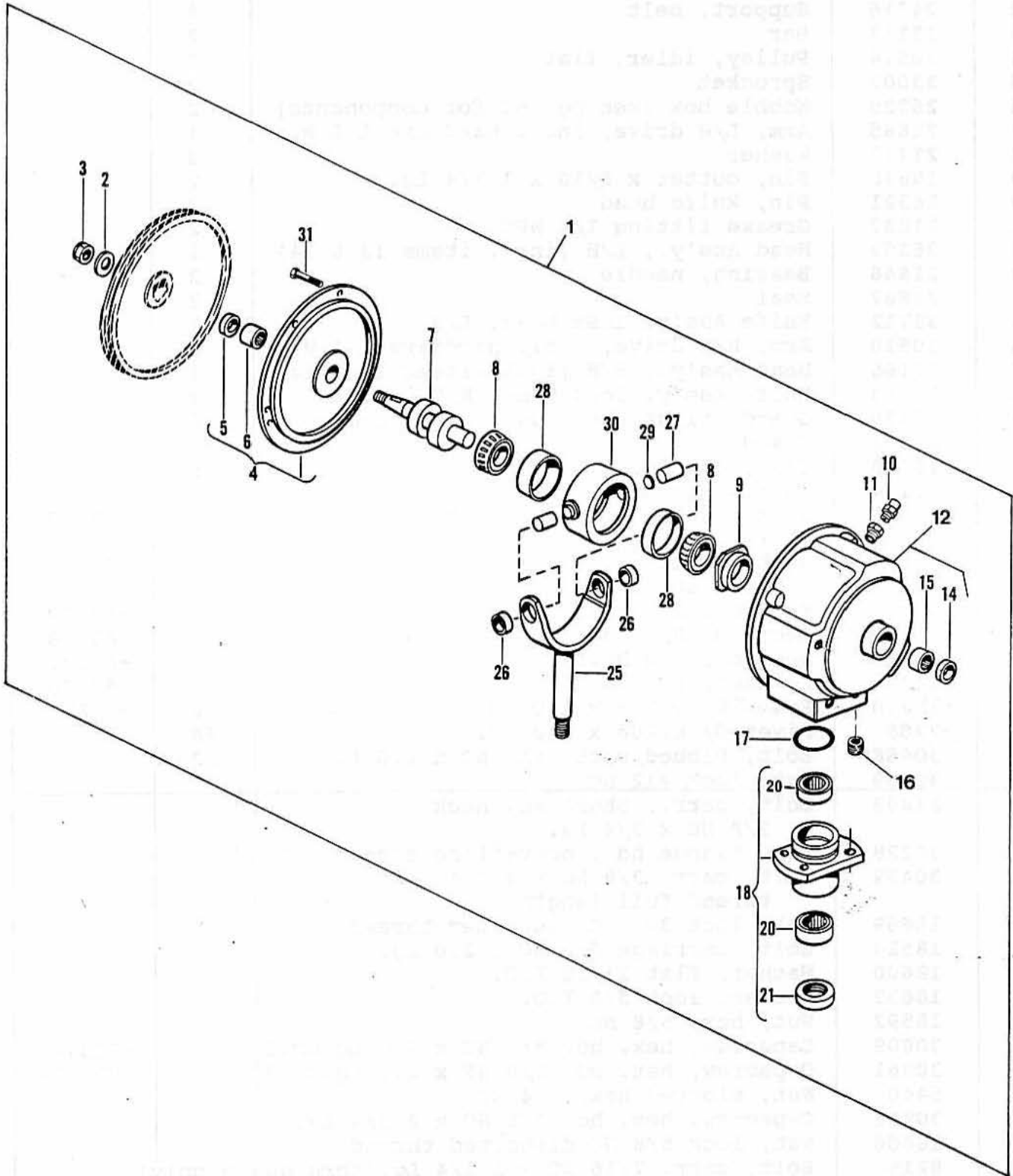
36" DOUBLE SWATH HEADER KNIFE & DRIVE GROUP



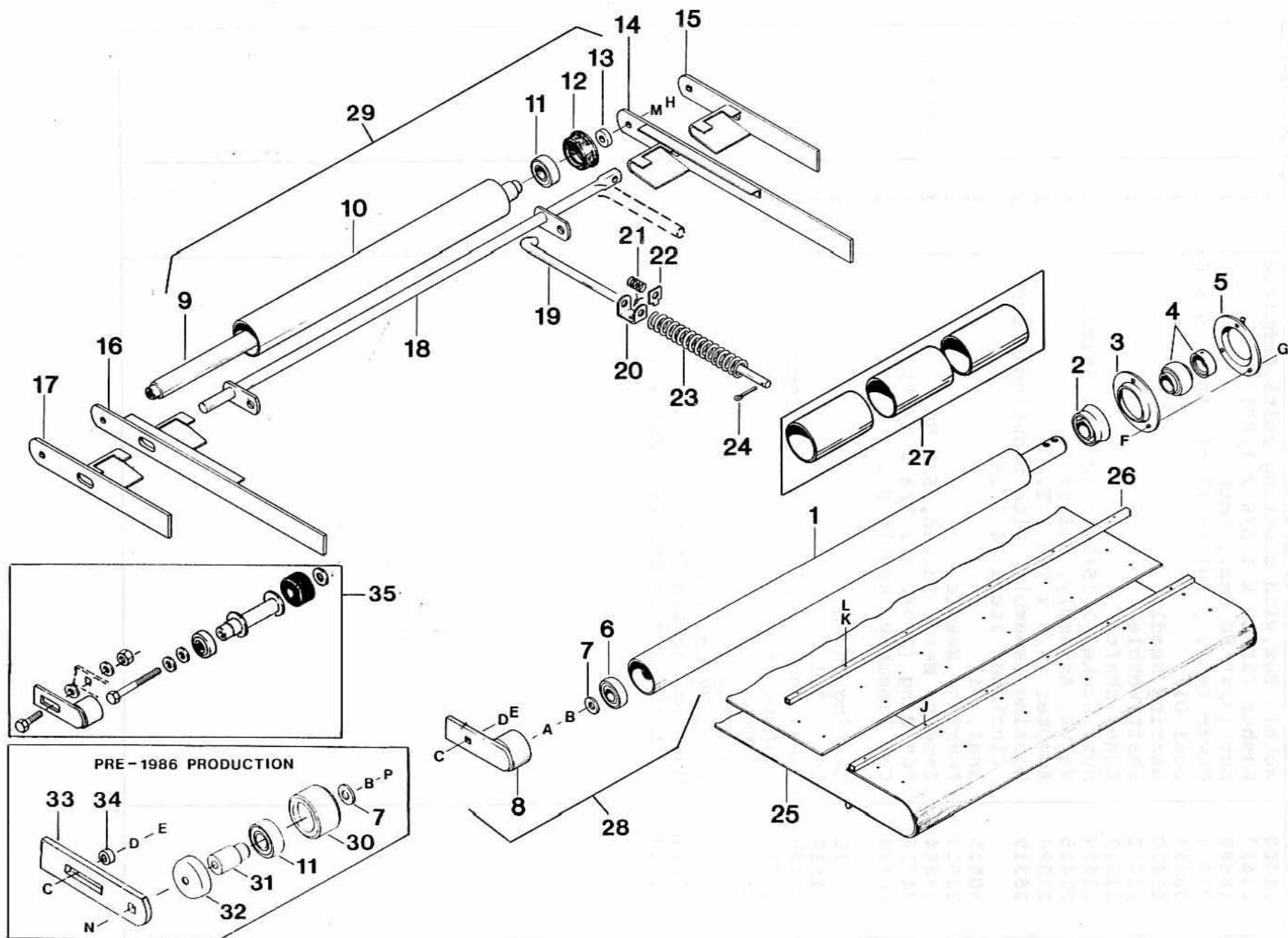
**36' DOUBLE SWATH HEADER
KNIFE & DRIVE GROUP**

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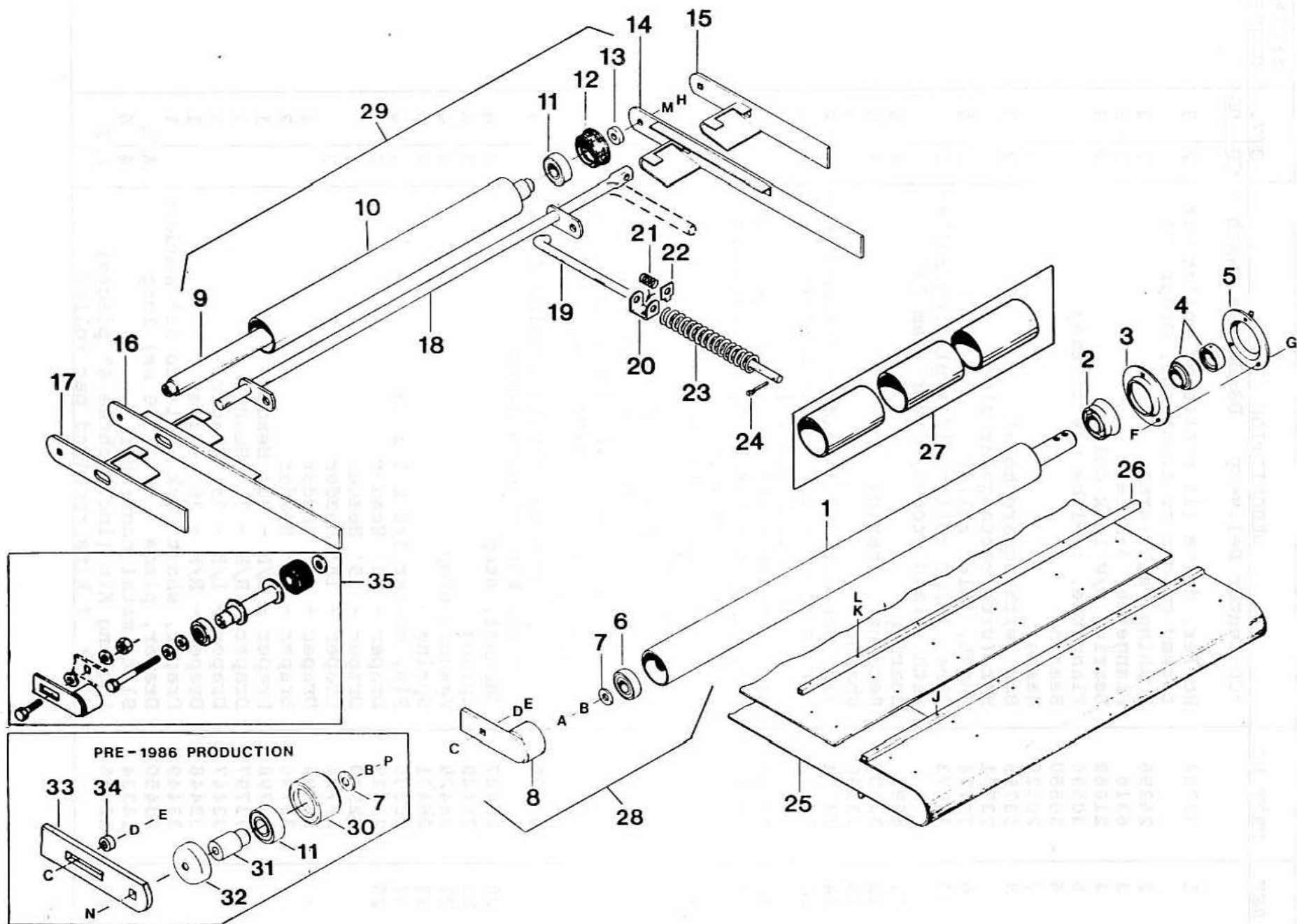
REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	30548	Belt	2	
2	24716	Support, belt	4	
3	33113	Bar	2	
4	30514	Pulley, idler, flat	2	
5	33007	Sprocket	2	
6	26320	Wobble box (see pg. 64 for components)	2	
7	21865	Arm, L/H drive, incl. hardware L & M.	1	
8	21717	Washer	2	
9	18648	Pin, cotter x 3/16 x 1 1/4 Lg.	2	
10	26321	Pin, knife head	2	
11	21887	Grease fitting 1/8 NPT	2	
12	26359	Head Ass'y., L/H (incl. items 13 & 14)	1	
13	21866	Bearing, needle	2	
14	21867	Seal	2	
15	33712	Knife Ass'y. less head, L/H	1	
16	30510	Arm, R/H drive, incl. hardware L & M.	1	
17	33166	Head Ass'y., R/H (incl. items 13 & 14)	1	
18	33713	Knife Ass'y. less head, R/H	1	
19	26370	Guard (first 2 guards at each end)	4	
	23064	Guard	67	
20	28815	Clip, hold-down	35	
21	33114	Guard, center	1	
22	23065	Section, knife, top-serrated (high shoulder)	143	-69827
	34390	Section, knife, top-serrated (low shoulder)	143	69828-
23	23117	Section, R/H half	1	-69827
	34399	Section, R/H half	1	69828-
24	23116	Section, L/H half	1	-69827
	34399	Section, L/H half	1	69828-
25	18730	Rivet O/ 0.208 x 1.0 Lg.	22	-69827
26	7258	Rivet O/ 0.208 x 5/8 Lg.	268	
27	30668	Bolt, Ribbed neck, #12 NC x 1.0 Lg.	22	
28	30669	Nut, lock #12 NC	22	
A	21863	Bolt, carr., short sq. neck 3/8 NC x 3/4 Lg.		
B	30228	Nut, flange hd., prevailing torque 3/8 NC		
C	30432	Bolt, carr. 3/8 NC x 2 1/4 Lg. thread full length		
D	18669	Nut, lock 3/8 NC distorted thread		
E	18524	Bolt, carriage 5/8 NC x 2.0 Lg.		
F	18600	Washer, flat 21/32 I.D.		
G	18639	Washer, lock 5/8 I.D.		
H	18592	Nut, hex. 5/8 NC		
J	30809	Capscrew, hex. hd. 5/8 NC x 2.0 Lg.Gr.8		-73374
	30861	Capscrew, hex. hd. 5/8 NF x 2.0 Lg.Gr.8		73375-
K	5440	Nut, slotted hex. 3/4 NC		
L	30922	Capscrew, hex. hd. 5/8 NC x 2 3/4 Lg.		
M	18666	Nut, lock 5/8 NC distorted thread		
N	8219	Bolt, carr. 7/16 NC x 1 1/4 Lg. (thru guard only)		
	8218	Bolt, carr. 7/16 NC x 1 1/2 Lg. (thru guard & clip)		
P	18654	Nut, hex. 7/16 NC		



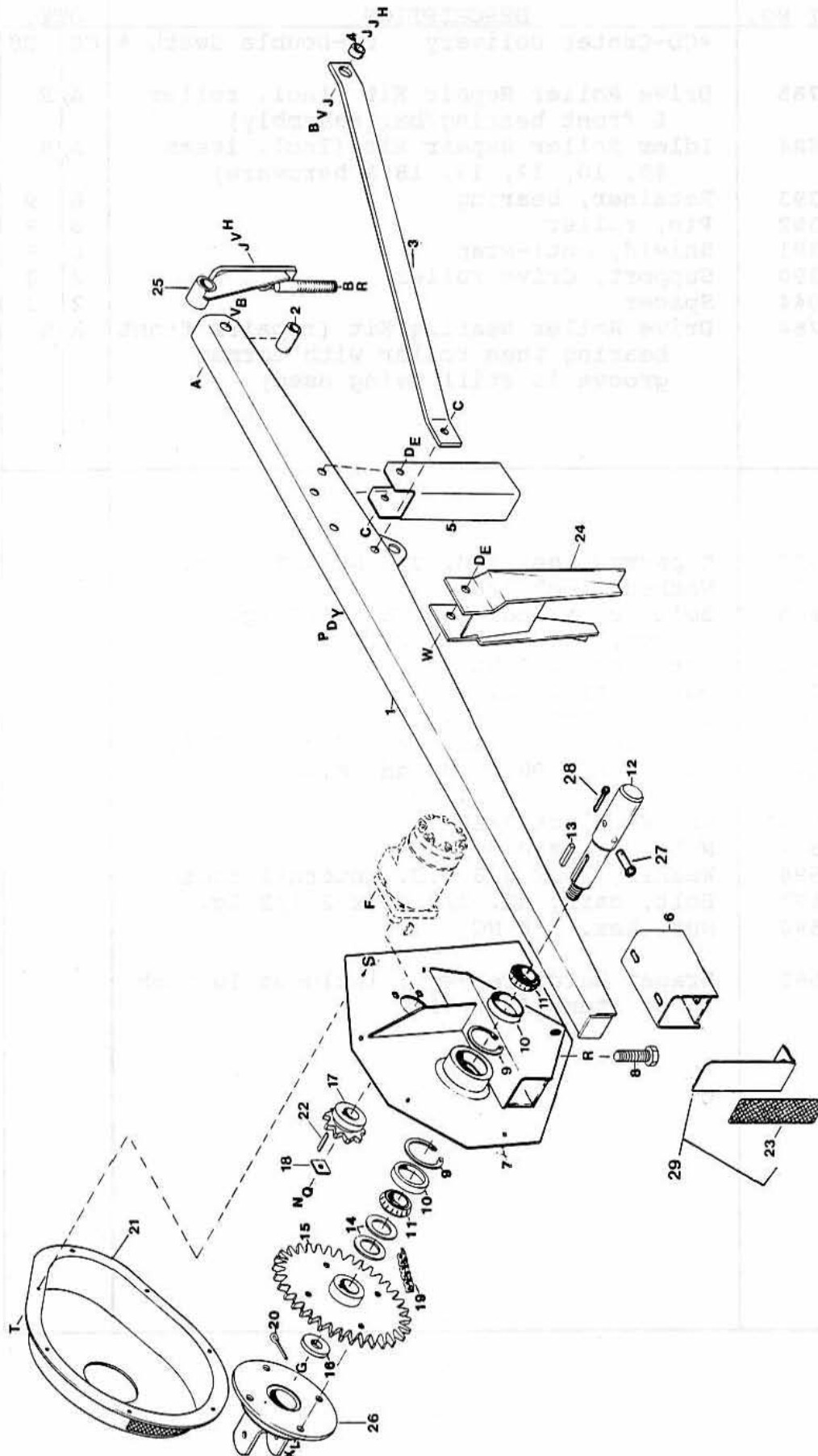
REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	26320	Wobble Box, with mounting bolts, Complete	1	-73374
2	21417	Washer (25/32 x 1 5/8 x 1/8")	1	
3	18689	Nut (3/4" NC Hex., Lock)	1	
4	21421	Cover Ass'y., Pulley (Incl. Items 5 & 6)	1	
5	30814	Seal Oil	1	
6	21420	Bearing Needle	1	
7	21712	Shaft Wobble	1	
8	21512	Cone, Shaft	2	
9	21424	Nut, Stake (1 15/16 - 20 Hex. Spiral)	1	
10	21425	Valve, Assembly, Relief	1	
11	21024	Adapter (3/8 x 1/8 P.T.)	1	
12	26319	Housing Assembly, with mounting bolts (includes items 14 & 15)	1	
14	30815	Seal, Oil	1	
15	21513	Bearing, Needle	1	
16	21864	Insert, Metal Thread, 5/8 NC	2	
17	21514	"O" Ring (2 5/8 x 2 7/8 x 1/8")	1	
18	26318	Cap Assembly, Wobble Box	1	
19				
20	21516	Bearing, Needle	2	
21	21517	Seal, Oil	1	
25	21429	Yoke, Wobble Joint with bushings	1	
26	21715	Bushing, Bronze	2	
27	21713	Spindle	2	
28	21519	Cup, Bearing	2	
29	21716	Plug, Nylon (7/8" dia. x 1/64 Thk.)	2	
30	21714	Housing, Wobble Joint	1	
31	21520	Bolt (5/16 x 1" Special, Grade 8)	6	



REF.	PART NO.	DESCRIPTION	QTY.		SERIAL NUMBER
			CD	DS	
		*CD-Center Delivery DS-Double Swath *			
1	33754	Roller, drive (if replacing roller with formed groove at front end, Order #28)	2	3	
2	26396	Bushing, anti-wrap	2	3	
3	8316	Flangette, 3-Hole	2	3	
4	21869	Bearing c/w lock collar	2	3	
5	30596	Flangette, re-lube c/w fitting	2	3	
6	30550	Bearing	2	3	
7	20535	Washer	2	3	
8	33759	Bar (with square hole)	2	3	
	23751	Bar (with rectangular slot)			
9	33774	Shaft, idler roller	2	3	
10	33773	Tube, idler roller (if replacing roller with formed groove, Order Item 29)	2	3	
11	6596	Bearing	4	6	
12	33001	Retainer, bearing	4	6	
13	33190	Spacer	4	6	
14	33764	Bar, support - 36' header sliding decks		2	
15	26411	Bar, support - 12' to 30' headers and 36' short deck (Qty. 1)	2	3	
16	33763	Bar, support - 36' header sliding decks		2	
17	26412	Bar, support - 12' to 30' headers and 36' short deck (Qty. 1)	2	3	
18	33768	Rod, tightener - 12' to 30' headers (L-shaped handle)	2	3	
	33202	Rod, tightener - 36' hdr.(straight end)		3	
19	26426	Rod, spring - all center del. & fixed opening dble. swath hdrs., short deck only for adj. opening dble. swath hdrs.(2)	4	6	
	33206	Rod, spring - adjustable opening dble. swath hdr. sliding decks		4	
20	26427	Channel, stop	4	6	
21	26429	Spring	4	6	
22	26428	Washer, stop	4	6	
23	26431	Spring	4	6	
24	18605	Pin, cotter 1/8 x 1 inch	4	6	
25	22939	Draper - 12' Header	2		
	22940	Draper - 15' Header	2		
	33794	Draper - 18' Header	2		
	33794	Draper - 21' Header		2	
	33796	Draper - 25' Header		2	
	33798	Draper - L/H - 30' Header		1	
	33797	Draper - R/H - 30' Header		1	
	33447	Draper - L/H - 36' Header		1	
	33448	Draper - R/H - 36' Header		1	
	33449	Draper, short deck - 21' to 36' Headers		1	
	33450	Draper, piece - 15" (380 mm) long	A/R		
26	14334	Slat, metal connector	4	6	
27	18056	Lagging Kit (incl. three 6" pieces)	A/R		
		NOTE: 2 kits required per roller			

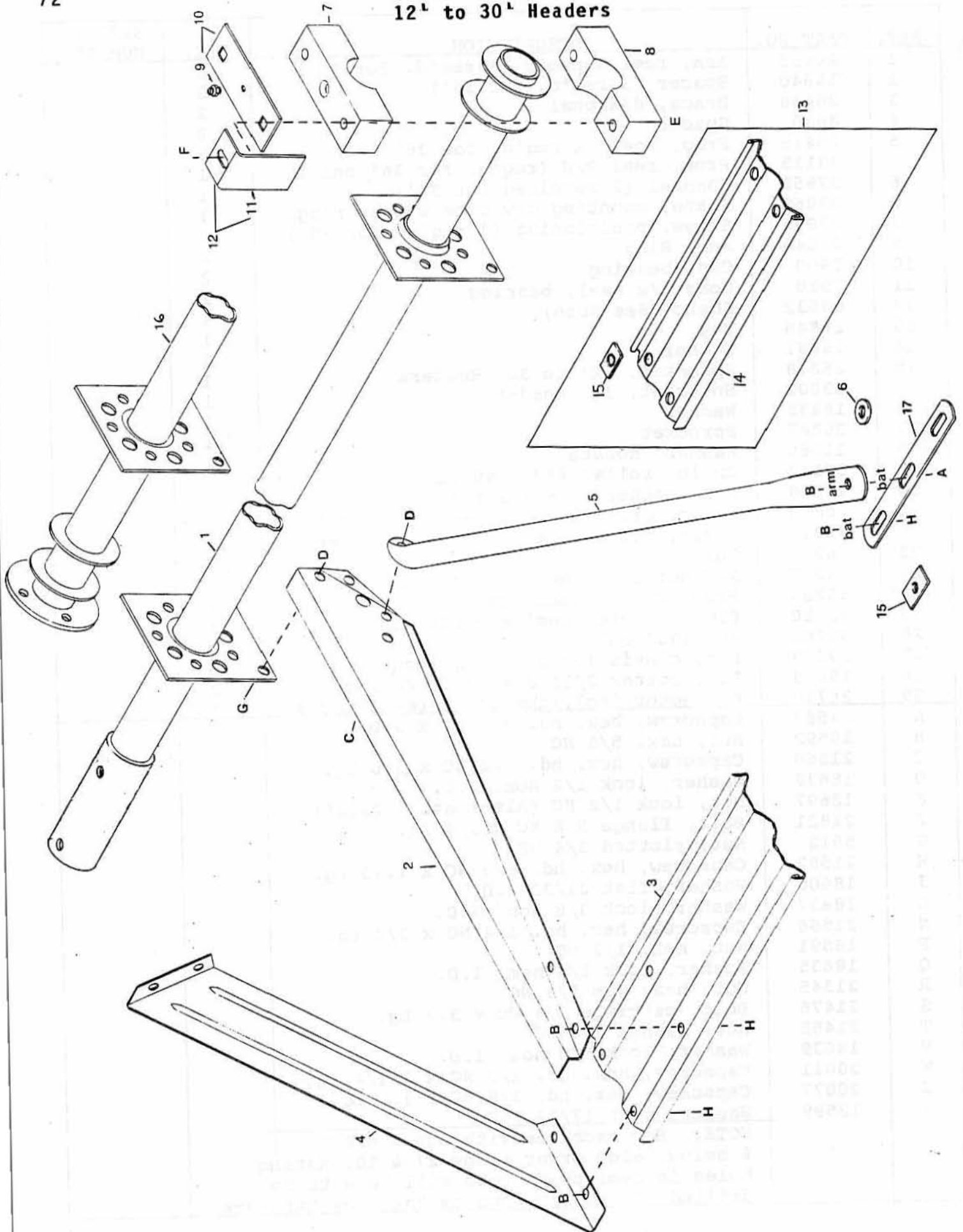


REF.	PART NO.	DESCRIPTION	QTY.		SERIAL NUMBER
			CD	DS	
		*CD-Center Delivery DS-Double Swath *			
28	33785	Drive Roller Repair Kit (incl. roller & front bearing/bar assembly)	A/R		
29	32684	Idler Roller Repair Kit (Incl. items #9, 10, 12, 13, 18 & hardware)	A/R		
30	26393	Retainer, bearing	6	9	
31	26392	Pin, roller	6	9	
32	26391	Shield, anti-wrap	6	9	
33	26390	Support, drive roller	2	3	
34	20044	Spacer	2	3	
35	33784	Drive Roller Bearing Kit (repairs front bearing when roller with formed groove is still being used)	A/R		
A	20077	Capscrew, hex. hd. 3/8 NC x 1.0 Lg.			
B	18637	Washer, lock 3/8			
C	19965	Bolt, carr. hd. 3/8 NC x 1.0 Lg.			
D	18598	Washer, flat 13/32 I.D.			
E	18669	Nut, lock 3/8 NC distorted thread			
F	21281	Bolt, carr. hd. 5/16 NC x 3/4 Lg.			
G	21403	Nut, flange 5/16 NC			
H	21264	Capscrew, hex. hd. 3/8 NC x 1 1/4 Lg.			
J	5144 *	Screw, rd. Phillips hd. mach. #10 NC x 1 1/4 Lg.			
K	18634*	Washer, lock 3/16			
L	18647*	Nut, hex. #10 NC			
M	30598	Washer, lock 3/8 I.D. internal tooth			
N	21478	Bolt, carr. hd. 3/8 NC x 2 1/2 Lg.			
P	18590	Nut, hex. 3/8 NC			
*	23589	Draper Hardware Pkg., includes 10 each of items J, K, & L			



REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	26435	Arm, reel support (3 req'd. for 36')	2	
2	18640	Spacer (3 req'd. for 36')	2	
3	26446	Brace, diagonal	2	
4	8640	Spacer	2	
5	26445	Prop, reel (1 req'd. for 36' L/H)	2	
	33115	Prop, reel R/H (req'd. for 36' only)	1	
6	37855	Channel (2 required for 36')	1	
7	37869	Plate, mounting c/w cups & snap rings	1	
8	37866	Screw, positioning (3 req'd. for 36')	2	
9	21545	Snap Ring	2	
10	7900	Cup, bearing	2	
11	7910	Cone c/w seal, bearing	2	
12	33532	Shaft (See Note)	1	
13	26846	Key	1	
14	19681	Washer	2	
15	26848	Sprocket, 12' to 30' Headers	1	
	33003	Sprocket, 36' Header	1	
16	16235	Washer	1	
17	26847	Sprocket	1	
18	11060	Washer, square	1	
19	20117	Chain, roller #60 x 40 links	1	
20	18648	Pin, cotter 3/16 x 1 1/4	1	
21	26850	Cover, dr. c/w reflector-12' to 30' hdrs	1	
	33010	Cover, dr. c/w reflector-36' header	1	
22	26995	Shim	A/R	
23	26697	Reflector, amber (3 req'd. for 36')	2	
24	33220	Prop, center reel arm (36' only)	1	
25	33210	Pivot, center reel arm (36' only)	1	
26	33265	Hub (36' only)	1	
27	19809	Pin, clevis 1/2 dia. x 2 inch	2	
28	18648	Pin, cotter 3/16 dia. x 1 1/4 inch	2	
29	26710	Reflector, incl. item 23 (2 req'd for 36')	1	
A	21583	Capscrew, hex. hd. 5/8 NC x 3.0 Lg.		
B	18592	Nut, hex. 5/8 NC		
C	21560	Capscrew, hex. hd. 1/2 NC x 3.0 Lg.		
D	18638	Washer, lock 1/2 nom. I.D.		
E	18697	Nut, lock 1/2 NC (Alternate: 21389)		
F	21821	Bolt, flange 3/8 NC x 3/4 Lg.		
G	5512	Nut, slotted 3/4 NF		
H	21582	Capscrew, hex. hd. 5/8 NC x 1.75 Lg.		
J	18600	Washer, flat 21/32 I.D.		
L	18637	Washer, lock 3/8 nom. I.D.		
N	21566	Capscrew, hex. hd. 1/4 NC x 3/4 Lg.		
P	18591	Nut, hex. 1/2 NC		
Q	18635	Washer, lock 1/4 nom. I.D.		
R	21345	Nut, hex. jam 5/8 NC		
S	21476	Bolt, carriage 1/4 NC x 3/4 Lg.		
T	21455	Nut, flange 1/4 NC		
V	18639	Washer, lock 5/8 nom. I.D.		
W	30011	Capscrew, hex. hd. 1/2 NC x 3 1/4 Lg.		
X	20077	Capscrew, hex. hd. 3/8 NC x 1.0 Lg.		
Y	18599	Washer, flat 17/32 I.D.		
NOTE: For machines with Ser.# 69827 & below, also order items 27 & 28. Mating holes in reel shaft tube will have to be drilled out to 1/2 inch to take new hardware.				

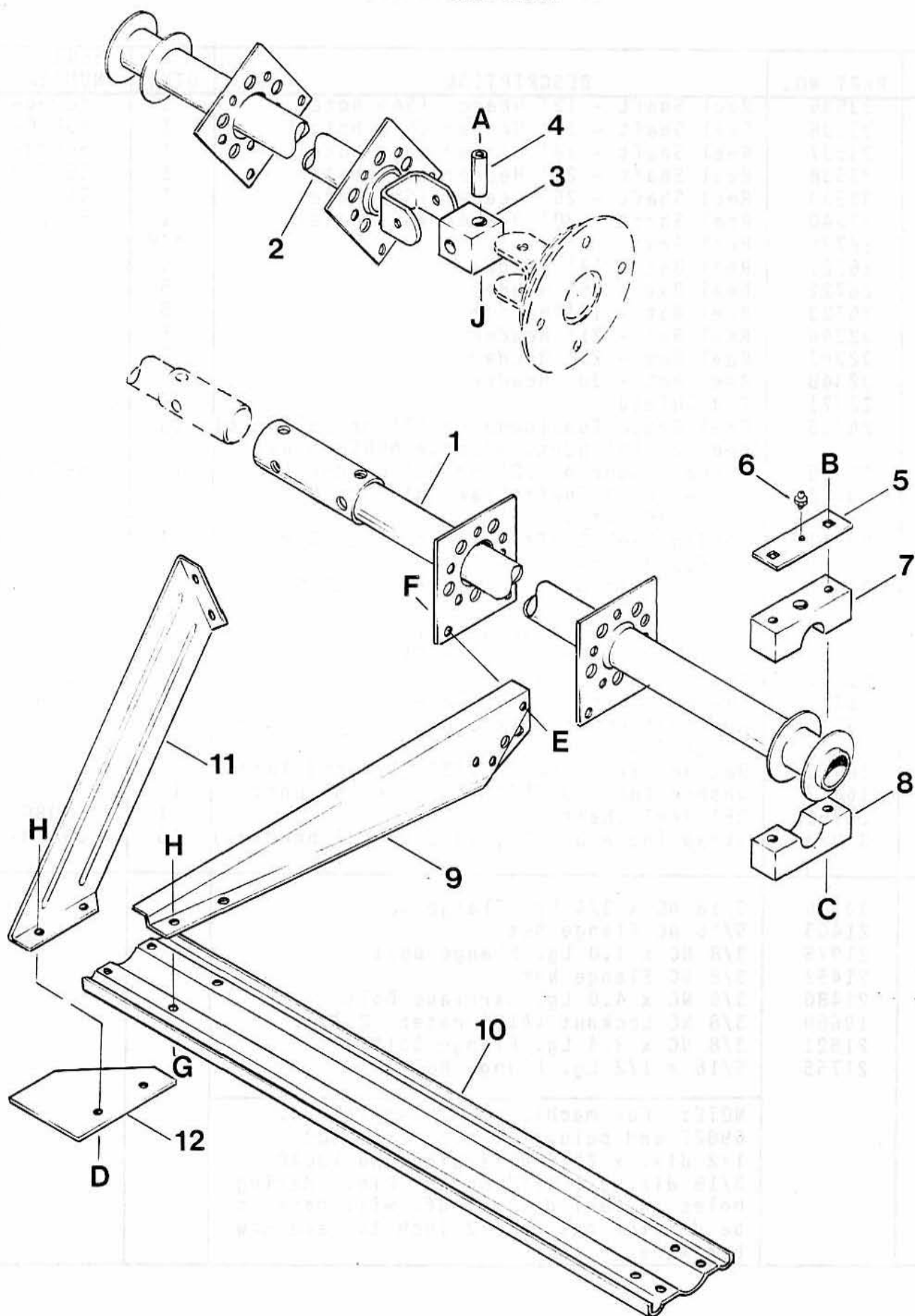
STANDARD BAT REEL 12" to 30" Headers



**STANDARD BAT REEL
12' to 30' Headers**

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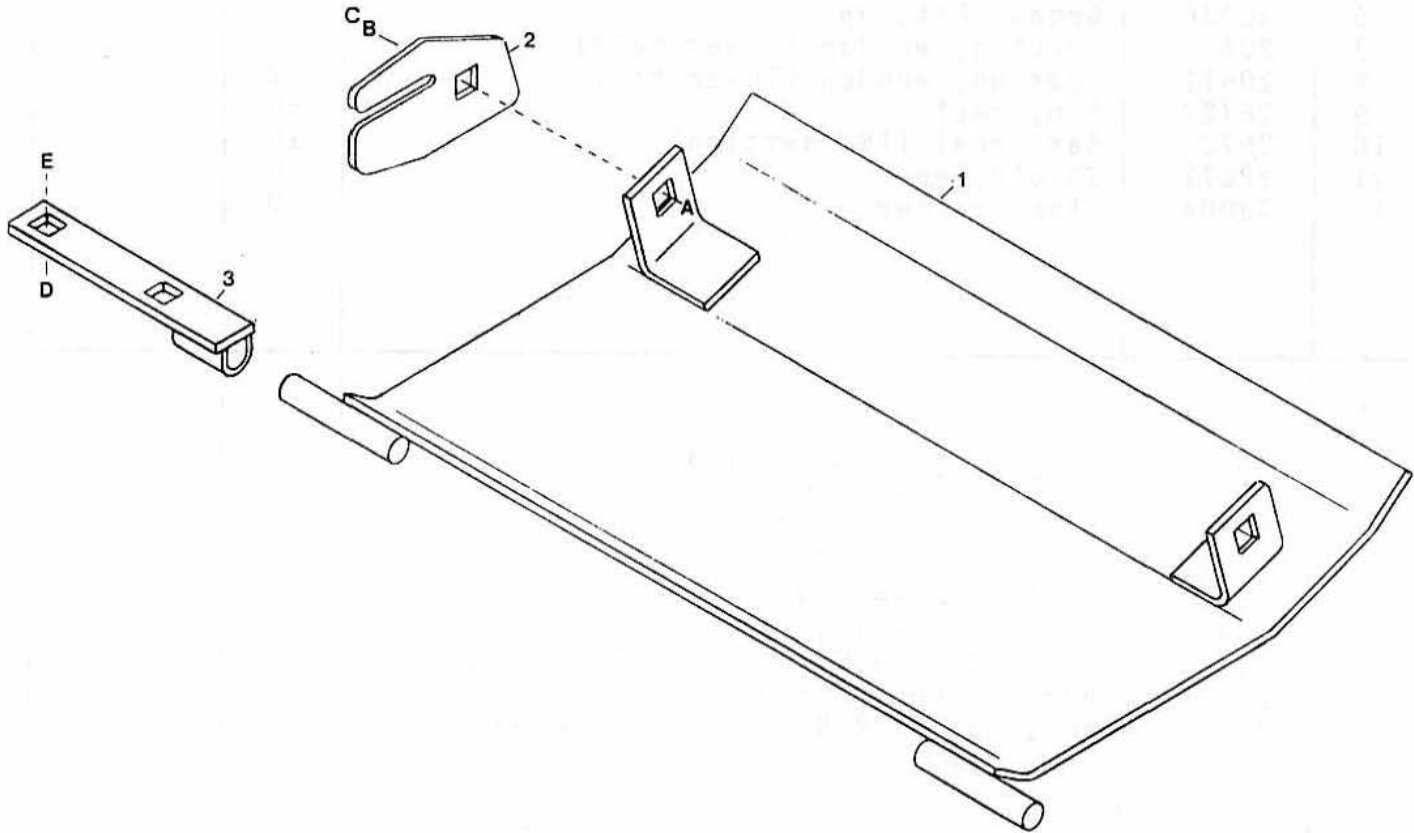
REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	33535	Reel Shaft - 12' Header (See Note)	1	56090-
	33536	Reel Shaft - 15' Header (See Note)	1	56090-
	33537	Reel Shaft - 18' Header (See Note)	1	56090-
	33538	Reel Shaft - 21' Header (See Note)	1	56090-
	33539	Reel Shaft - 25' Header (See Note)	1	56090-
	33540	Reel Shaft - 30' Header (See Note)	1	56090-
2	26729	Reel Arm	A/R	
3	26721	Reel Bat - 12' Header	5	
	26722	Reel Bat - 15' Header	5	
	26723	Reel Bat - 18' Header	5	
	32346	Reel Bat - 21' Header	5	
	32347	Reel Bat - 25' Header	5	
	32348	Reel Bat - 30' Header	5	
4	22671	End Shield	10	
5	26755	Reel Brace Tube (none on 12' or 15' hdrs) (none on 18' hdrs. w/Ser. # 69828 & up)	10	
6	20535	Washer (none on 12' or 15' Headers)	10	-69827
7	20410	Wooden Reel Shaft Bearing (up to Ser. # 56089, Qty. = 2)	1	
8	20411	Wooden Reel Shaft Bearing (up to Ser. # 56089, Qty. = 2)	1	
9	30036	Grease Fitting (up to Ser. # 56089, Qty. = 2)	1	
10	26766	Bearing Cap c/w Grease Fitting (up to Ser. # 56089, Qty. = 2)	1	
11	26696	Amber Reflective Tape	1	-68982
12	26710	Plate c/w Reflective Tape	1	-68982
13	26719	Reel Bat Repair Kit (contains 1 of item 14 & 4 of item 15)	A/R	
14	26718	Bat Repair Piece (45 1/2" [116 cm] long)		
15	16677	Washer (none on 12', 15', or 18' hdrs.)	10	
16	26761	25' Reel Shaft	1	-56089
17	32353	Strap (none on 12', 15', or 18' headers)	10	69828-
A	30278	5/16 NC x 3/4 Lg. Flange Bolt		
B	21403	5/16 NC Flange Nut		
C	21975	3/8 NC x 1.0 Lg. Flange Bolt		
D	21452	3/8 NC Flange Nut		
E	21486	3/8 NC x 4.0 Lg. Carriage Bolt		
F	18669	3/8 NC Locknut (Alternate: 21390)		
G	21821	3/8 NC x 3/4 Lg. Flange Bolt		
H	21755	5/16 x 1/2 Lg. Flange Bolt		
		NOTE: For machines with serial no. 69827 and below, also order 19809 1/2 dia. x 2" Clevis pin, and 18648 3/16 dia. x 1 1/4" Cotter Pin. Mating holes in reel drive shaft will have to be drilled out to 1/2 inch to take new hardware.		

36" DOUBLE SWATH HEADER
BAT REEL

36" DOUBLE SWATH HEADER
BAT REEL

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REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	33537	Shaft, L/H reel	1	
2	33314	Shaft, R/H reel	1	
3	32200	Block	1	
4	32202	Spacer	2	
5	26766	Cap, bearing c/w grease fitting(Item 6)	2	
6	30036	Grease Fitting	2	
7	20410	Bearing, wooden (upper half)	2	
8	20411	Bearing, wooden (lower half)	2	
9	26729	Arm, reel	60	
10	26723	Bat, reel (18' section)	10	
11	22671	Shield, end	20	
12	33004	Flap, rubber	10	
A	30011	Capscrew, hex. hd. 1/2 NC x 3 1/4 Lg.		
B	18669	Nut, lock 3/8 NC distorted thread		
C	21486	Bolt, carriage 3/8 NC x 4.0 Lg.		
D	30278	Bolt, flange 5/16 NC x 3/4 Lg.		
E	21821	Bolt, flange 3/8 NC x 3/4 Lg.		
F	21452	Nut, flange 3/8 NC		
G	21755	Bolt, flange 5/16 NC x 1/2 Lg.		
H	21403	Nut, flange 5/16 NC		
J	18697	Nut, lock 1/2 NC distorted thread		

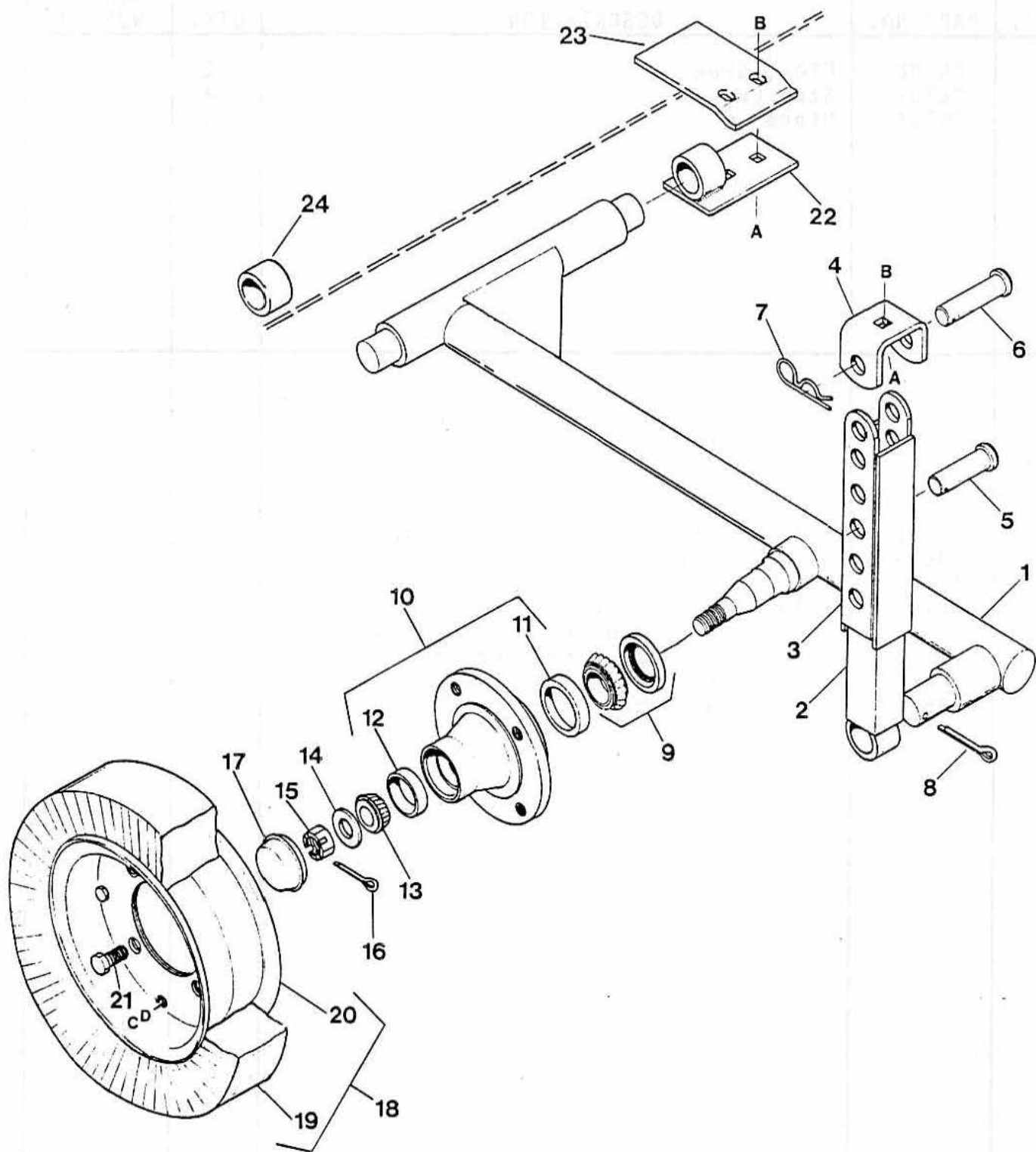


FLOAT SHOES (CENTER DELIVERY DRAPER HEADER, 12¹-18¹)
(OPTIONAL FOR DOUBLE SWATH DRAPER HEADER, 21¹-30¹)

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REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	26700	Float Shoe	2	
2	26707	Stop Lug	4	
3	26704	Hinge	4	
A	21471	1/2 NC x 1 1/4 Lg. Carriage Bolt		
B	18638	1/2 nom. I.D. Lockwasher		
C	18591	1/2 NC Hex. Nut		
D	8218	7/16 NC x 1 1/2 Long Carriage Bolt - thru shoe & guard		
	21468	7/16 NC x 1 3/4 Long Carriage Bolt - thru shoe, guard & clip		
E	18654	7/16 NC Hex. Nut		

GAUGE WHEELS (OPTION)
12" to 30" Headers

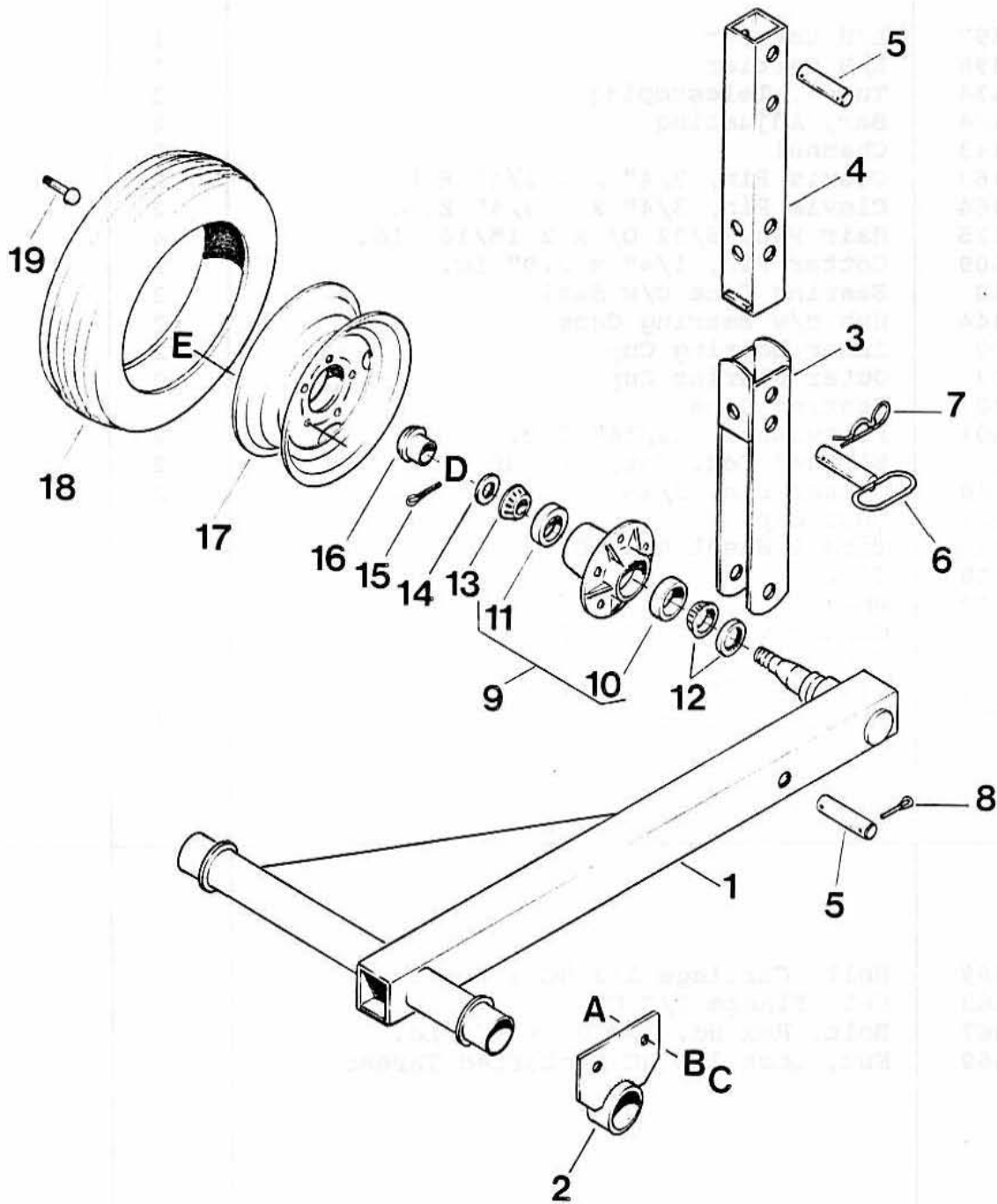


GAUGE WHEELS (OPTION)
12' to 30' Headers

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REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
	23638	Gauge Wheels Accessory Package		
1	26397	L/H Carrier	1	
	26398	R/H Carrier	1	
2	26434	Tube , Telescoping	2	
3	26424	Bar, Adjusting	2	
4	26443	Channel	2	
5	30463	Clevis Pin, 3/4" x 2 1/4" E.L.	2	
6	30464	Clevis Pin, 3/4" x 2 3/4" E.L.	2	
7	13125	Hair Pin, 5/32 O/ x 2 15/16" LG.	4	
8	18609	Cotter Pin, 1/4" x 2.0" LG.	2	
9	7910	Bearing Cone c/w Seal	2	
10	26444	Hub c/w Bearing Cups	2	
11	7900	Inner Bearing Cup	2	
12	7909	Outer Bearing Cup	2	
13	7920	Bearing Cone	2	
14	18601	Flatwasher, 13/16" I.D.	2	
15	5512	Slotted Hex. Nut, 3/4 NF	2	
16	18648	Cotter Pin, 3/16" x 1 1/4" LG.	2	
17	11529	Dust Cap	2	
18	30467	Tire & Wheel Assembly	2	
19	30468	Tire	2	
20	30469	Wheel	2	
21	30470	Capscrew, 1/2 NF x 1.0" LG.	8	
22	26447	Hinge	2	
23	26430	Plate (welded)	2	
24	26423	Spacer (welded)	2	
A	21469	Bolt, Carriage 1/2 NC x 1.5 Lg.		
B	21383	Nut, Flange 1/2 NC		
C	21567	Bolt, Hex Hd. 3/8 NC x 3/4 Lg.		
D	18669	Nut, Lock 3/8 NC Distorted Thread		

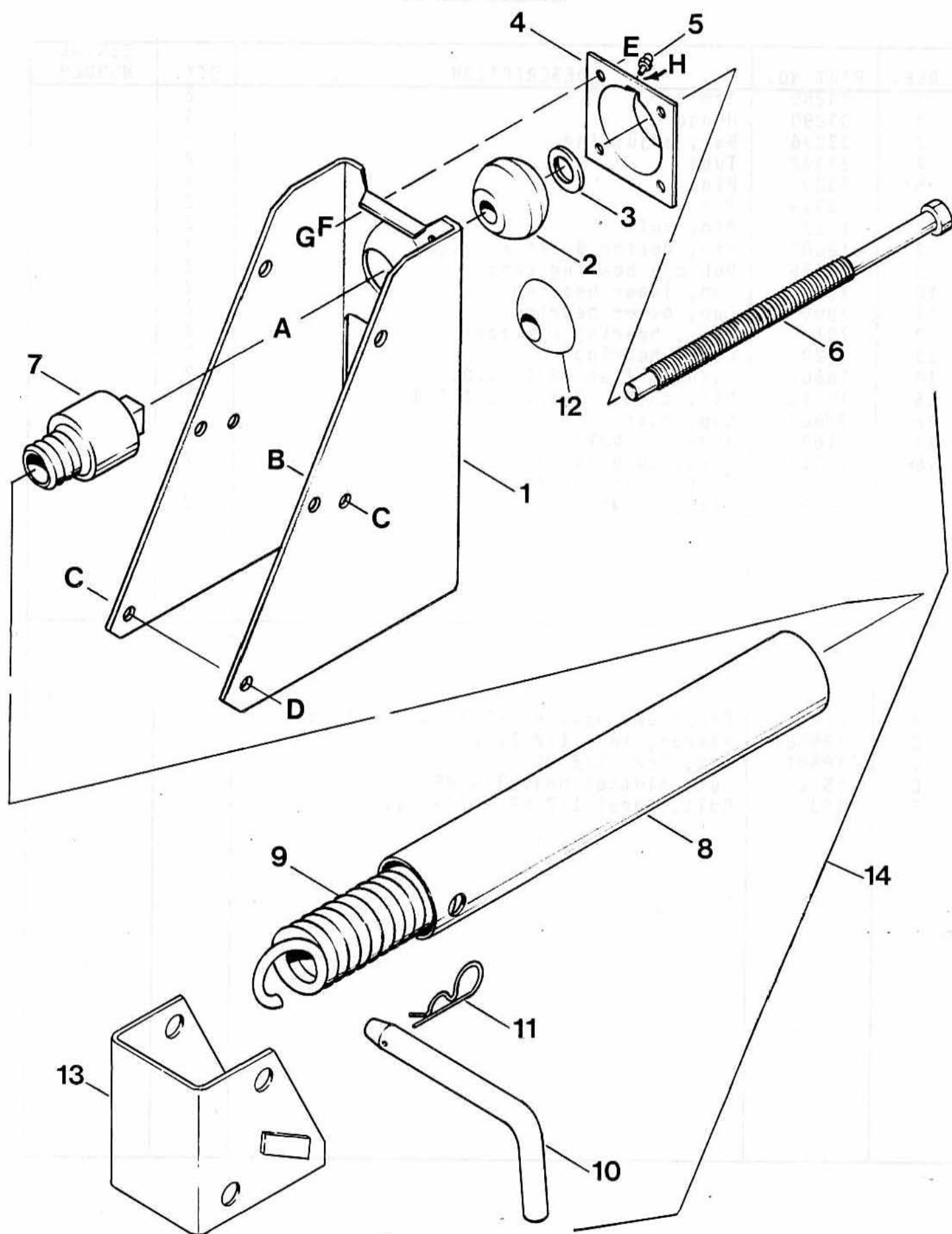
36" DOUBLE SWATH HEADER GAUGE WHEELS



36" DOUBLE SWATH HEADER GAUGE WHEELS

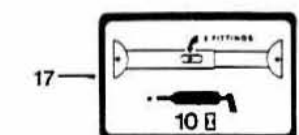
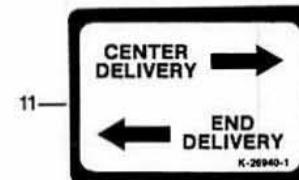
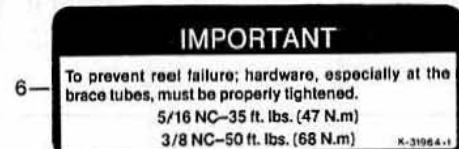
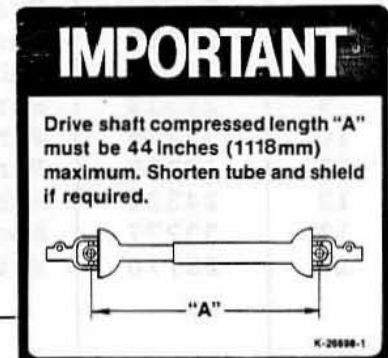
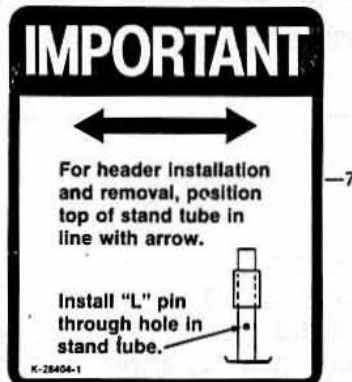
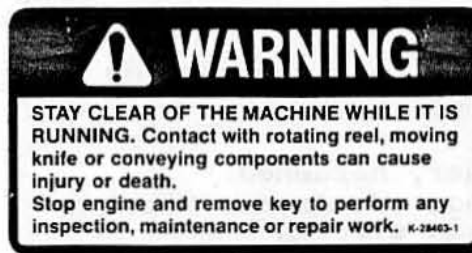
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REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	33280	Arm	2	
2	33290	Hinge	4	
3	33296	Bar, adjusting	2	
4	33302	Tube	2	
5	33307	Pin	4	
6	33309	Pin	2	
7	13125	Pin, hair	2	
8	18609	Pin, cotter $\emptyset$ 1/4 x 2 Lg.	8	
9	21686	Hub c/w bearing cups	2	
10	7900	Cup, inner bearing	2	
11	7909	Cup, outer bearing	2	
12	7910	Cone, bearing c/w seal	2	
13	7920	Cone, bearing	2	
14	18601	Washer, flat 13/16 I.D.	2	
15	18648	Pin, cotter $\emptyset$ 3/16 x 1 1/4 Lg.	2	
16	21687	Cap, dust	2	
17	21685	Wheel, 5-bolt	2	
18	21313	Tire, tubeless 8.5 L-14 (11 rib implement, 4-ply)	2	
19	21395	Stem, valve	2	
A	21575	Capscrew, hex. hd. 1/2 NC x 1.0 Lg.		
B	18638	Washer, lock 1/2 I.D.		
C	18591	Nut, hex. 1/2 NC		
D	5512	Nut, slotted hex. 3/4 NF		
E	193	Bolt, wheel 1/2 NF x 3/4 Lg.		

AUXILIARY FLOAT SPRING
AND ANCHOR

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	33288	Anchor	2	
2	34651	Ball	2	69611-
3	21540	Washer, hardened	2	
4	34650	Flange c/w Grease Fitting	2	69611-
5	21299	Grease Fitting	2	69611-
6	24384	Drawbolt, spring	2	-69610
	24934	Drawbolt, spring	2	69611-
7	33275	Insert, spring	2	
8	33276	Tube, spring	2	
9	24319	Spring	2	
10	32275	Pin, securing	2	
11	13125	Pin, hair	2	
12	24321	Washer, bearing	2	-69610
13	33277	Anchor (not req'd. for 36' header)		
14	23770	Kit, Auxiliary Float Spring (Incl. items 1-13 & A-G)*		
		*THIS KIT IS RECOMMENDED WHEN PICK-UP REEL IS INSTALLED ON 30' HEADER		
A	21378	Nut, hex. jam 3/4 NC		
B	21575	Capscrew, hex. hd. 1/2 NC x 1.0 Lg.		
C	18697	Nut, lock 1/2 NC Distorted Thread		
D	30267	Capscrew, hex. hd. 1/2 NC x 6.0 Lg.		
E	21558	Capscrew, hex. hd. 5/16 NC x 3/4 Lg.		
F	18636	Washer, lock 5/16 I.D.		
G	18589	Nut, hex. 5/16 NC		
H	18596	Washer, flat 9/32 I.D.		

DECALS

**IMPORTANT****INSTRUCTIONS FOR INSTALLATION AND REMOVAL OF HEADER**

The following procedure is the easiest and safest method of installing and removing the header. For full details refer to the Operator's Manual.

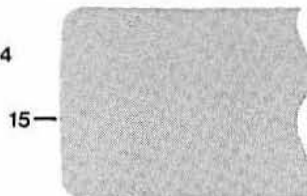
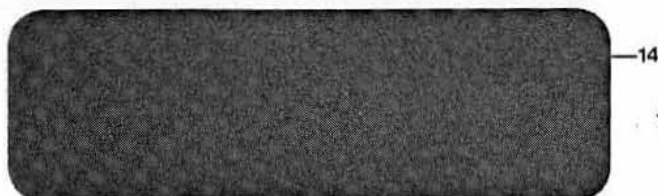
HEADER INSTALLATION:

1. Draper header cutterbar must be supported on 6 in. (150 mm) blocks near each end. Auger header cutterbar must be directly on ground.
2. Position support stand as shown by location decal. Install "L" pin through stand tube.
3. With header lift cylinders fully retracted, drive tractor forward until the linkage hook-up pins are directly below the lift lugs. **STOP ENGINE.** Do not activate the header lift valve.
4. With safety "L" pin still in place, loosen support stand tightener so that back of header lowers onto hook-up pins.
5. Start engine and raise header fully up. **STOP ENGINE.** Install float springs and header retaining pins. Return support stand to its storage position.

HEADER REMOVAL:

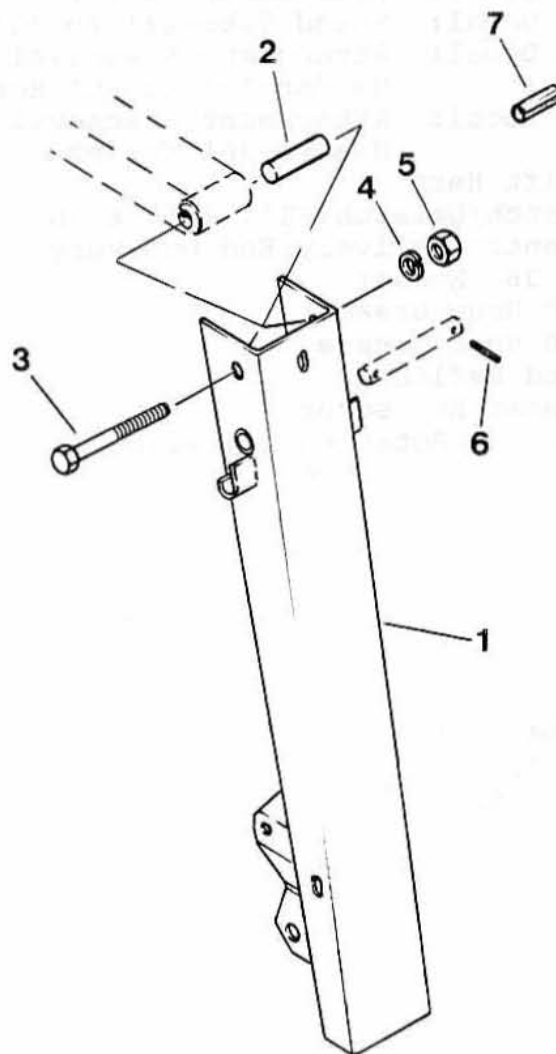
1. With engine stopped, disconnect P.T.O. shaft at tractor, and uncouple all hydraulic lines.
2. Raise header fully up. **STOP ENGINE.** Remove header retaining pins. Remove float spring front pins and set springs in storage position.
3. Set 6 in. (150 mm) blocks beneath cutterbar. (draper header only)
4. Lower support stand as shown by location decal. Secure stand position with tightener. Install "L" pin through stand tube.
5. Lower header to the ground. Hold header lift pedal in down position and slowly rock tractor back and forth to fully retract cylinders and disengage hook-up pins from header legs.
6. Slowly back tractor away from header.

K-28401-1



REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	32740	Warning Decal: Header Cylinder Stops		
2	32739	Warning Decal: Reel Props		
3	28403	Warning Decal: Clear While Running		
4	32738	Warning Decal: Shields & Guards		
5	26698	Important Decal: Drive Line Length		
6	31964	Important Decal: Reel Hardware Torque Specs		
7	28404	Important Decal: Stand Tube-12' to 30' Headers		
8	28401	Important Decal: Attachment & Removal of Header-12' to 30' Headers		
	28413	Important Decal: Attachment & Removal of Header-36' Header		
9	23296	Decal: Lift Here		
10	26941	Decal: Latch/Unlatch-21', 25', & 30' Headers		
11	26940	Decal: Center Delivery/End Delivery - 36' Header		
12	23163	Decal: 10 Hour Grease		
13	23165	Decal: 50 Hour Grease		
14	26694	Decal: Red Reflector		
15	26697	Decal: Amber Reflector		
16	30316	Danger Decal: Rotating Driveline		
17	24777	Decal: Driveline Grease		
PAINT				
	23955	Paint - black, 1 litre		
	23956	Paint - red, 1 litre		
	23957	Paint - white, 1 litre		

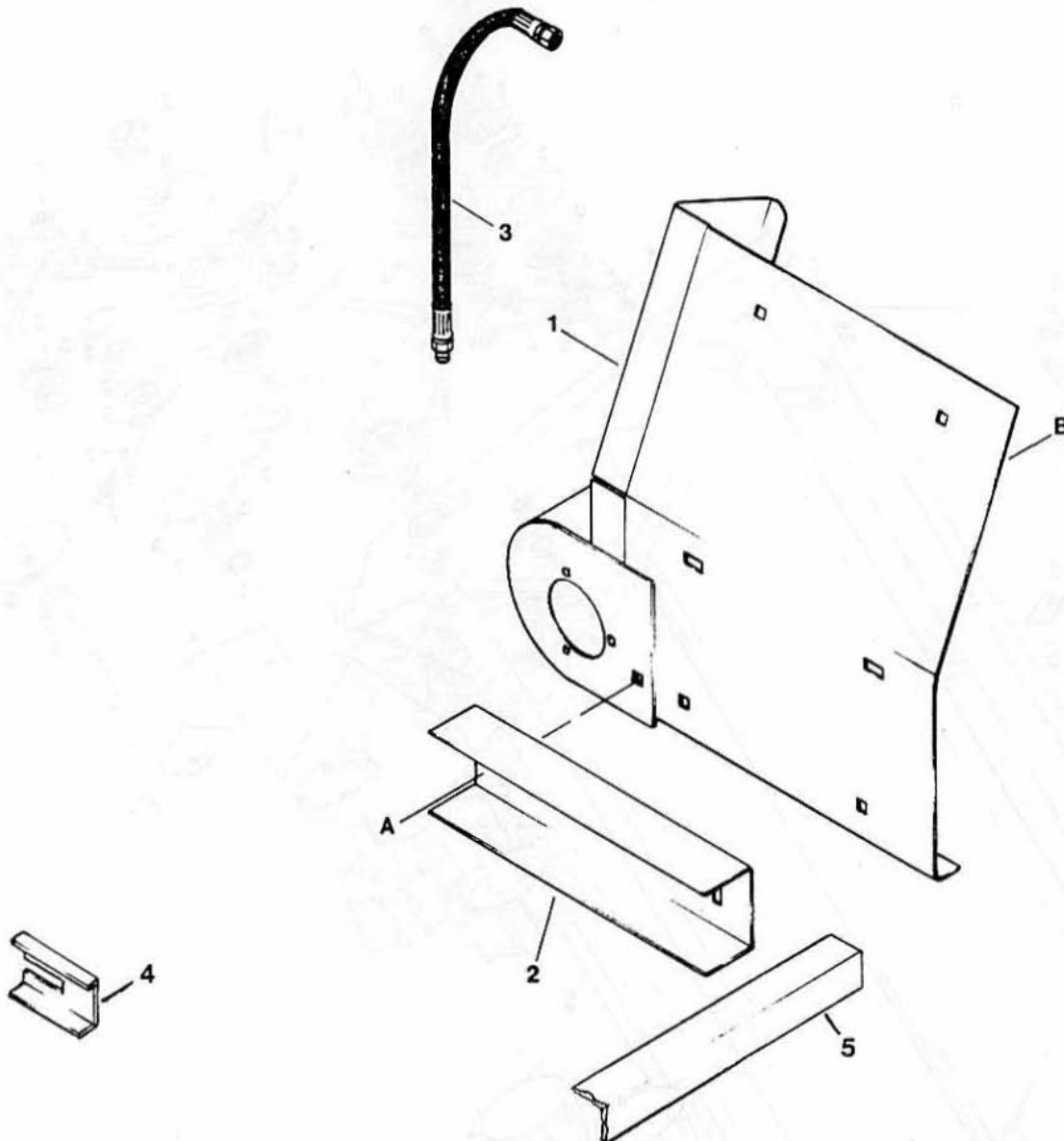
LINKAGE MODIFICATION KIT FOR DRAPER ANGLE REDUCTION



REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
	23799	KIT - lift linkage modification for draper angle reduction		
1	24972	CHANNEL - lift linkage	2	
2	24974	SPACER	2	
3	21720	BOLT - hex. hd., 5/8 NC x 4 1/2 inch	2	
4	18639	WASHER - lock, 5/8 inch	2	
5	18592	NUT - hex., 5/8 inch NC	2	
6	24409	PIN - 3/8 x 2 inch	2	
7	26678	HOSE - protective	1	

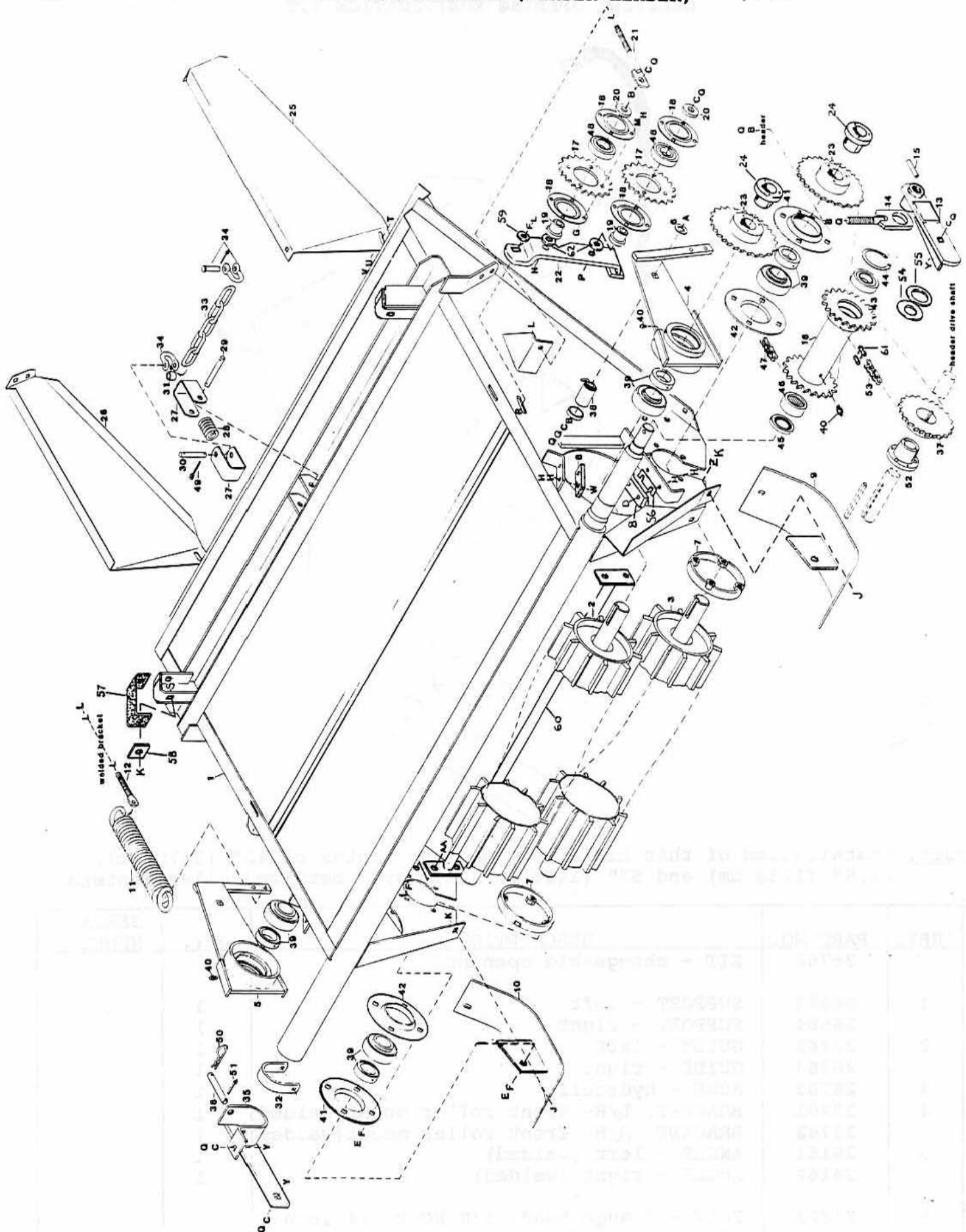
**Center Delivery Draper Header
DELIVERY OPENING MODIFICATION KIT**

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NOTE: Installation of this kit allows opening widths of 42" (1070 mm), 49.5" (1260 mm) and 57" (1450 mm), measured between roller centers.

REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
	26768	KIT - changeable opening		
1	26683	SUPPORT - left	1	
	26684	SUPPORT - right	1	
2	26763	GUIDE - left	1	
	26764	GUIDE - right	1	
3	26703	HOSE - hydraulic	1	
4	33781	BRACKET, L/H- front roller mount(welded)	1	
	33782	BRACKET, R/H- front roller mount(welded)	1	
5	26161	ANGLE - left (welded)	1	
	26162	ANGLE - right (welded)	1	
A	21821	BOLT - flange head, 3/8 NC x 3/4 inch		
B	21452	NUT - serrated flange lock, 3/8 inch NC		

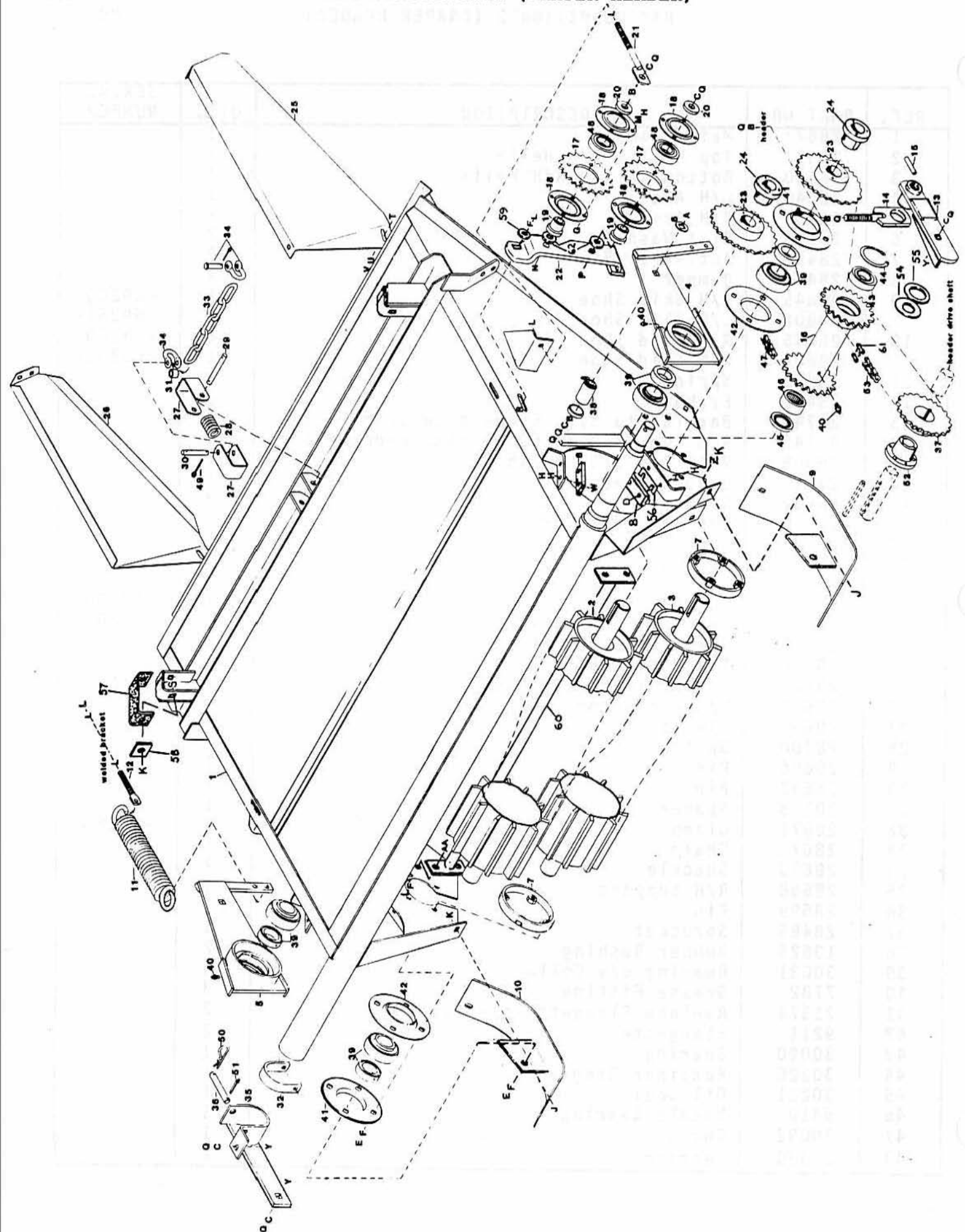


HAY CONDITIONER (DRAPER HEADER)

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REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
1	28677	Main Frame	1	
2	28531	Top Roll - L/H Helix	1	
3	28530	Bottom Roll - R/H Helix	1	
4	28640	L/H Arm	1	
5	28641	R/H Arm	1	
6	28308	Flat Washer	2	
7	28494	Anti-wrap Band	2	
8	28484	Bumper	4	
9	28645	L/H Skid Shoe	1	-69260
	28802	L/H Skid Shoe	1	69261-
10	28646	R/H Skid Shoe	1	-69260
	28803	R/H Skid Shoe	1	69261-
11	28480	Spring	2	
12	28492	Eyebolt	2	
13	28740	Bar (up to S.N. 69260 also order # 14)	1	
14	28745	Rod (up to S.N. 69260 also order # 13)	1	
15	16008	Roll Pin 5/16 x 1.5 LG.	1	
16	28656	Sprocket Assy.	1	
17	28482	Sprocket	2	
18	28491	Bearing Retainer	4	
19	28505	Pin	2	
20	22072	Flatwasher	2	
21	28651	Draw Bolt	1	
22	28650	Support	1	-69260
	28796	Support	1	69261-
23	28496	Sprocket	2	
24	30256	Tapered Bushing	2	
25	28674	L/H Deflector Shield	1	
26	28675	R/H Deflector Shield	1	
27	28695	Clevis	2	
28	28700	Spring	1	
29	28696	Pin	1	
30	28697	Pin	1	
31	10178	Spacer	1	
32	28671	Clamp	1	-69260
33	28672	Chain	1	
34	28673	Shackle	2	
35	28668	R/H Support	1	
36	28699	Pin	1	
37	28486	Sprocket	1	
38	13626	Rubber Bushing	2	
39	30031	Bearing c/w Collar	4	
40	7782	Grease Fitting	3	
41	21374	Re-lube Flangette c/w fitting	2	
42	9211	Flangette	2	
43	30090	Bearing	1	
44	30220	Retainer Ring	1	
45	30221	Oil Seal	1	
46	5410	Needle Bearing	1	
47	30092	Chain	1	
48	30090	Bearing	2	

HAY CONDITIONER (DRAPER HEADER)



HAY CONDITIONER (DRAPER HEADER)

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REF.	PART NO.	DESCRIPTION	QTY.	SERIAL NUMBER
49	18608	Cotter Pin	4	
50	15380	Hair Pin Cotter	1	
51	18606	Cotter Pin	1	
52	30034	Taper Lock Bushing	1	
53	30180	Roller Chain	1	
54	11460	Washer	1	-69260
55	13055	Washer	1	-69260
56	28703	Shim	6	
57	28800	Bumper	2	69261-
58	19588	Washer	4	69261-
59	18599	Washer 17/32 I.D.	1	69261-
60	28792	Tube	1	69261-
61	16659	Connector Link #60 H	1	
62	18600	Washer 21/32 I.D. (for shimming)	A/R	
A	21162	5/8 NC x 4.5 LG. Carriage Bolt		
B	18600	21/32 I.D. SAE Flatwasher		
C	18639	5/8 nom. I.D. Lockwasher		
D	21479	5/16 NC x 1.5 Lg. Carriage Bolt		
E	21491	1/2 NC x 1 1/4 LG. Hex. Hd. Capscrew		
F	18638	1/2 nom. I.D. Lockwasher		
G	21087	5/16 NC x 1.0 LG. Hex. Hd. Capscrew		
H	18589	5/16 NC Hex. Nut		
J	19965	3/8 NC x 1.0 LG. Carriage Bolt		
K	18669	3/8 NC Locknut		
L	18591	1/2 NC Hex. Nut		
M	18636	5/16 nom. I.D. Lockwasher		
N	21583	5/8 NC x 3.0 LG. Hex. Hd. Capscrew		
P	21584	5/8 NC x 2 1/2 LG. Hex. Hd. Capscrew		
Q	18592	5/8 NC Hex. Nut		
R	21469	1/2 NC x 1 1/2 LG. Carriage Bolt		
S	21484	3/8 NC x 1.5 Lg. Carriage Bolt		
T	21281	5/16 NC 3/4 LG. Carriage Bolt		
U	18597	11/32 I.D. SAE Flatwasher		
V	21403	5/16 NC Flange Nut		
W	21282	5/16 NC x 1.0 LG. Carriage Bolt		
X	21592	3/8 NC x 3 1/2 Lg. Hex. Hd. Capscrew		
Y	18523	5/8 x 1 1/2 LG. Carriage Bolt		
Z	18598	13/32 I.D. SAE Flatwasher		
AA	21471	1/2 NC x 1 1/4 Lg. Carriage Bolt		

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