



MODEL 2150 & 2200 SOD HARVESTERS

PARTS LIST



Kesmac Inc.

23324 Woodbine Avenue, Keswick Ontario Canada L4P 0N1

Tel (905) 476-6222 Fax (905) 476-6744

Web Site www.brouwerkesmac.com Email info@kesmac.com

KESMAC INC.
DBA BROUWER KESMAC
23324 Woodbine Ave.
Keswick, ON L4P 0N1
Phone: (905) 476-6222
Fax: (905) 476-6744
Website: www.brouwerkesmac.com



STATEMENT OF LIMITED WARRANTY

Brouwer Kesmac warrants its full line of equipment to be free from defects in material and factory workmanship for a period of 12 months. This warranty begins on the date of sale or use of the equipment to the original purchaser. This statement does not extend or limit engine, tractor or component warranties in which the engine, tractor or component manufacturers may carry extended time periods up to 24 months. Engine, tractor or component warranty claims will be subject to the engine, tractor or components manufacturer's approval.

Replacement Parts carry a 90 day replacement warranty and are reimbursed to the dealer. All electrical and hydraulic parts are limited by this policy and will only be covered upon approval by the service department after inspection of the part. The installation and removal of a part will automatically place that part under the replacement parts warranty.

This warranty is limited exclusively to equipment or accessories manufactured or supplied by **Brouwer Kesmac** and are subject to the inspection and analysis by the company to conclusively identify the nature and cause of failure.

PRODUCT REGISTRATION FORM must be completely filled out, signed by the customer at the original date of installation, and returned to **Brouwer Kesmac** before any claims will be considered.

Brouwer Kesmac reserves the right to incorporate improvements in material and design of its products without notice and is not obligated to make the same improvements to equipment previously manufactured.

Brouwer Kesmac is not obliged under any warranty policy different from the Kesmac Brouwer Turf warranty policy as published above.

BROUWER KESMAC RESPONSIBILITIES

Brouwer Kesmac's obligation under the terms of this warranty is limited to the repair, replacement or credit, at its option, of the equipment, parts or supply items that conform to its warranty.

DEALER'S RESPONSIBILITIES

1. Only factory-trained service or approved personnel will be permitted to perform warranty service on **Brouwer Kesmac** equipment.
2. All major warranty claims exceeding \$650.00 (in total including parts and labour) must be authorized by **Brouwer Kesmac** before work is performed.
3. All replacement parts used in warranty situations must be furnished by **Brouwer Kesmac** or approved by **Brouwer Kesmac** personnel. The use of non-recommended oil could nullify warranty.

OWNERS RESPONSIBILITIES

The owner is obligated to operate and maintain the equipment in accordance with the recommendations published by **Brouwer Kesmac** in the owners/operators manual for the unit. The owner is responsible for the costs associated with such maintenance and operating adjustments that may be required on a regularly scheduled basis. Where applicable the owner is responsible for transportation to and from the dealership or service calls made by the dealer.

CONDITIONS THAT VOID WARRANTY

This warranty shall not apply to equipment which:

- 1. Has had repairs or modifications not authorized by **Brouwer Kesmac**
- 2. Has been subject to abuse, improper maintenance, or improper application.
- 3. Has been modified from original equipment specifications.

WARRANTY EXCEPTIONS

This warranty does not apply to the following items:

- 1. Wear items including blades, cutting edges, cutting arms, spark plugs, belts, filters, bearings, sprockets, chains, tires, light bulbs, lubricants and fluids etc. Cost of normal maintenance including replacement of service items.
- 2. Damages to engine/drive systems caused by lack of/ or improper lubricants and/or fluids.
- 3. Damages arising from accident, misuse or neglect.
- 4. Damages to engine/drive systems caused by improper operation and/or maintenance.
- 5. **Brouwer Kesmac** will not be liable for any incidental or consequential damage or injuries, including but not limited to loss of profits, loss of crops, rental of substitute equipment, or other commercial loss or for damage to the equipment in which the Company Product is installed.

FREIGHT CARRIER DAMAGE

Claims for equipment damaged in transit should be referred to the freight carrier. Visible damage should be reported immediately and concealed damage as soon as possible, in accordance with freight carrier regulations.



MODEL 2150 & 2200 SOD HARVESTERS

PARTS LIST

IMPORTANT

When ordering parts for this machine, quote the serial number from the plate located on the rear beam, left side.

Use only genuine Kesmac Parts. Parts that are not supplied by Kesmac may not meet Kesmac specifications or standards of manufacture. The use of non-approved parts may result in component failure and possibly cause an accident and injury to the operators and others.



Dealer/Customer

Serial Number

Date of Shipment

**KESMAC
MODEL 2150 & 2200 SOD HARVESTER**

INDEX

SECTION 1

2150 & 2200 Models

Harvester Conveyor
Roll-Up Assemblies
Cross & Curved Conveyor
Panels, Fenders & Standing Platforms
Canopy Assy. & Lights
Hydraulic Roll-up
Conveyor - Feed Roller - Option
2200 Conveyor Frame
10" LG Mesh Starter Tray (either 16" or 24")
14.5" LG Mesh Starter Tray (either 16" or 24")
Brouwer Belt Conveyor & Roll Up Tray Kits

SECTION 2

2150 & 2200 Models

Cutter Head Assembly
 Coulter Blades – Option
 Cutting Blades – Option
 Brush Attachment – Option

2200 Cutter Head Assembly
2200 Lift Cam, Backstop Cam & Backstop 16, 18, 24in,
2200 Depth Adjuster Assembly
2200 One Piece Ground Roller

SECTION 3

2150 & 2200 Models

Hydraulic Systems
Gear Pump Drive

SECTION 4

2150 & 2200 Models

Auto-Steer
Hydraulic Systems

SECTION 5

2150 & 2200 Models

Electrical System
 Joystick Control

Continued 

SECTION 6

2150 & 2200 Models

Modified Engine Cooling Fans
Water Cooler - Accessory
Mintex 16 & 18 in Mat. Option
Mintex 24 in. Mat. Option
Driver Screen. Option
Fenders – Front
Wheel Spacer & Wheel Rim
Fuel Filler Bracket
Exhaust Bracket & Edge Trim
Battery (Re-located)
Joystick Handle
2150 Safety Decals
2200 Safety Decals
Mechanical Counter - Accessory
Remote Greasing (John Deere)
Driver's Screen – Accessory
Flap Adjuster (Lever Operated) – Option
Track Clip Installer & Belt Splicer Tools – Accessories
Warning Bar – Operator Compartment
Cooler & Radiator Modifications 5225

SECTION 7

2150 & 2200 Models

Cab Unit – N.H. 4WD.

SECTION 8 D.I.Y OPTION

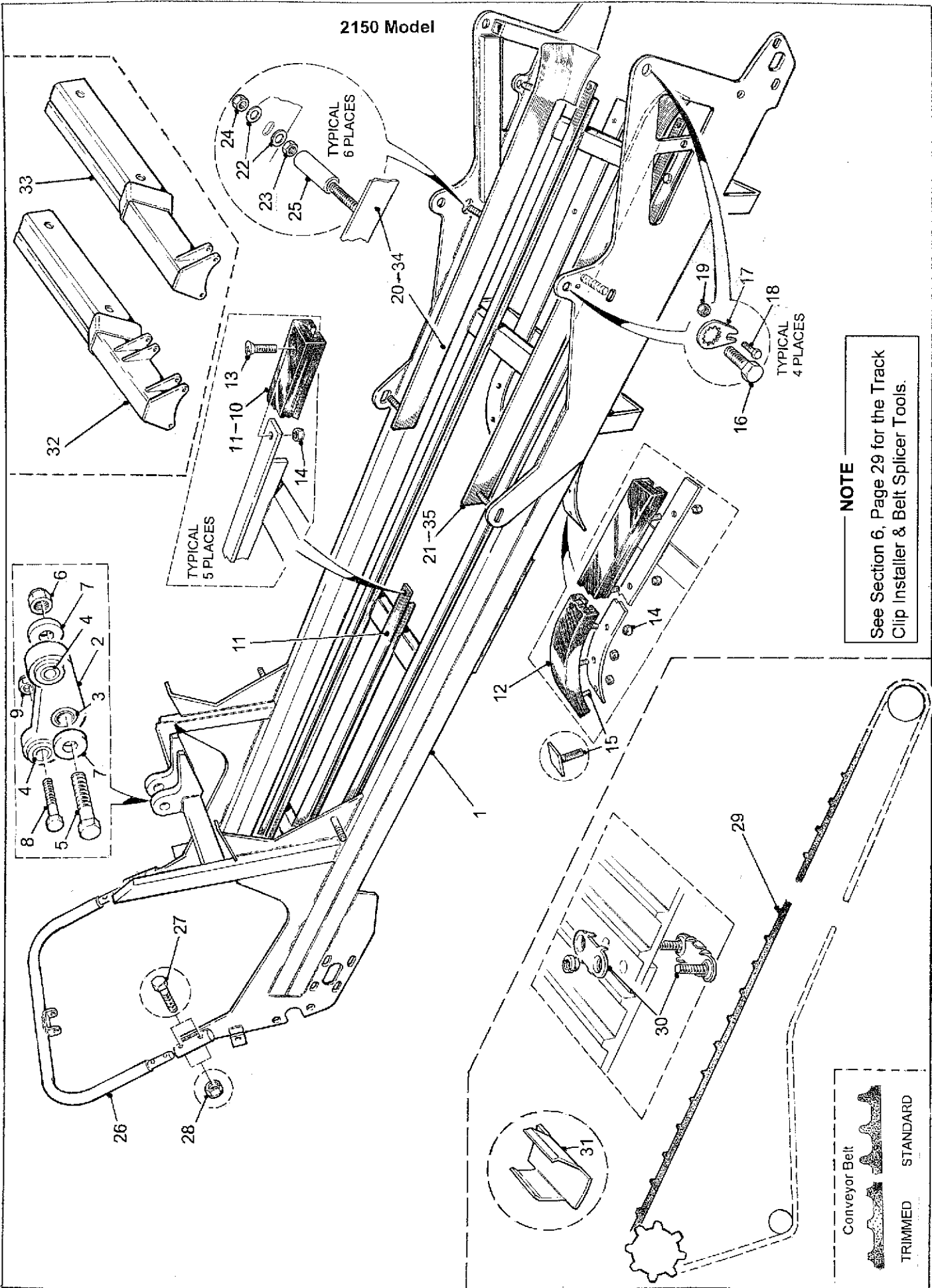
Hydraulic Schematic – New Holland
Rear Steering Mount Assembly
Rear Control Assemblies
 Conveyor, Forks (Non Current up to Serial No. 469),
 Throttle, Transmission
Parking Brake Assembly
Electrical Diagram & Radar Mounts – New Holland
De-Clutching Solenoid
Transmission Interlock Switches
Decals
Heavy Duty Forks Lever (Current from Serial No. 470)
Hydraulic Schematic – John Deere
Emergency Shut-Off Switch – Roll Current from Serial No. 647
Electrical Diagram & Radar Mounts – John Deere

SECTION 1 CONVEYOR ASSEMBLY

2150 & 2200 Models

2150 Conveyor Frame	1
Conveyor Drive	3
Crown Roller	5
Idler Shaft	7
Roll-Up Drive Sprockets. (Chain Drive)	9
Roll-Up Tray. Chain Drive. Std.	11
Roll-Up Tray. Hydraulic Drive. Option	13
Heavy Duty Roll-Up Motor. Hydraulic Drive. Option	14A
Micro Adjust	15
Hydraulic System. Hydraulic Roll-Up & Cross Conveyor MK2.	17
Starter Gate & Sod Pre-Start	19
Cross Conveyor MK2	21
Stand - Cross Conveyor	25
Curved Conveyor	27
Stand, Guard & Chute – Curved Conveyor	29
Lift Arm, Cylinder & 2200 Lift Arm	31
Tie Rod, Hose Support & 2200 Tie Rod Assembly	33
Primary & Half Weight Mount	35
Harvester Mounting Frame – Lift Links, Fork Frame	37
Panels & Fenders	39
Piling Walls & Standing Platforms	41
Canopy Assembly & Lights	43
Drivers Guide. (Non Auto-Steer)	45
Panels & Fenders. John Deere. 5225 – Current from Serial No. 399	47
2200 Conveyor Frame	49
2200 Hydraulic Roll-Up	51
Conveyor – Feed Roller. Option	53
Twin Starter Gate 16 & 18 in. Option	55
Primary & Half Weight Mount. John Deere – Non Current from Serial No. 323 to 398	57
Primary & Half Weight Mount. John Deere. 5225 – Current from Serial No. 399	58
Sod Catcher Assembly	59
Tie Rod, Hose Support – John Deere 5225 4WD	61
10" LG Mesh Starter Tray (either 16" or 24")	63
14.5" LG Mesh Starter Tray (either 16" or 24")	65
Brouwer Belt Conveyor & Roll-Up Tray Kits 16 & 18 in.	67
Feed Roller Kit Assembly – CURRENT	69

2150 Model



NOTE

See Section 6, Page 29 for the Track Clip Installer & Belt Splicer Tools.

Conveyor Belt



TRIMMED STANDARD

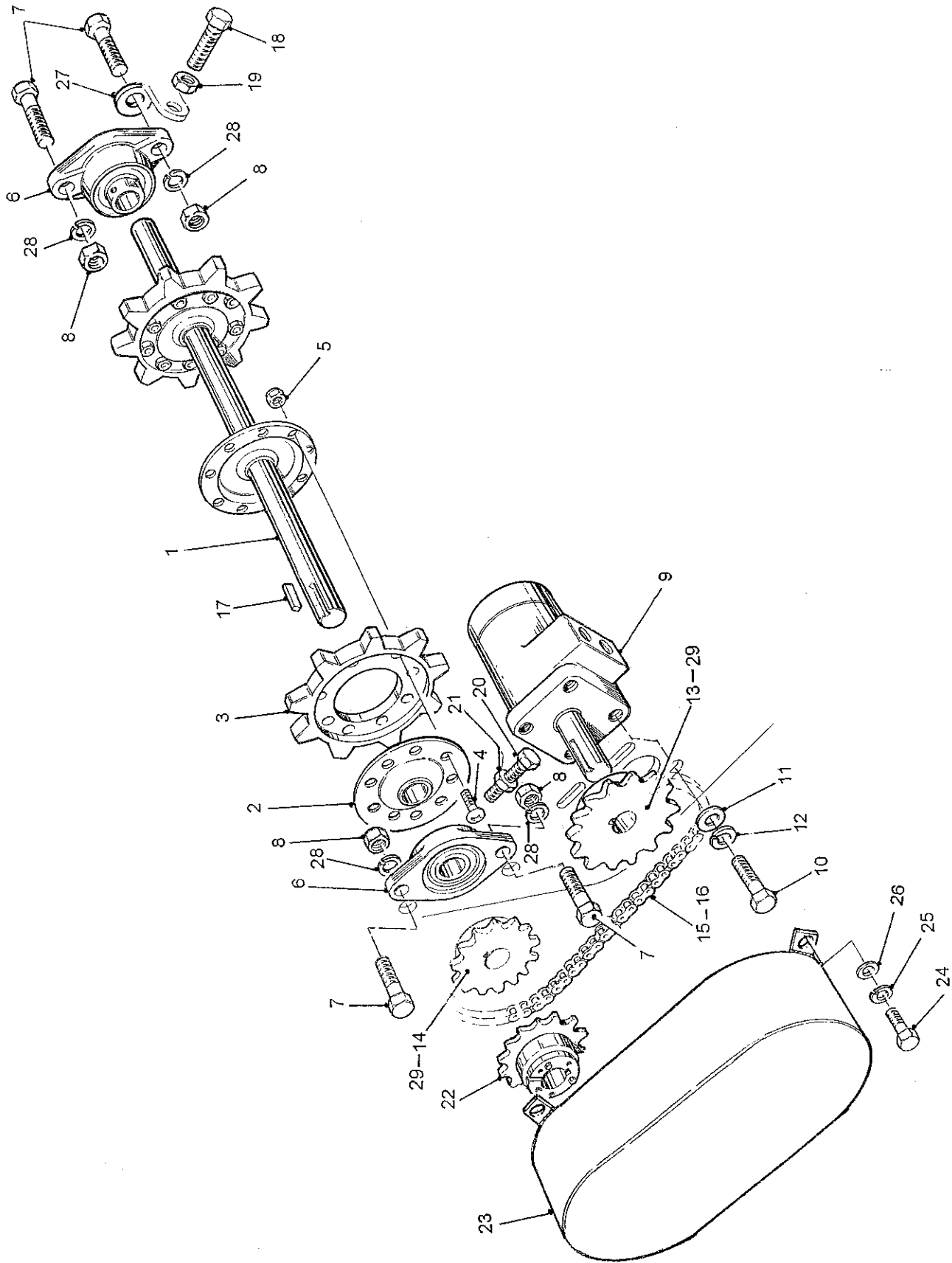
ITEM NO.	PART NO.	DESCRIPTION	QTY
		2150 CONVEYOR FRAME see page 49 for 2200 model	
1	H301072	Conveyor Frame 16 in. Roll-Up	1
	H301073	Conveyor Frame 18 in. Roll-Up	1
	H301075	Conveyor Frame 16 in. Slabbing	1
	H301076	Conveyor Frame 18 in. Slabbing	1
	H301074	Conveyor Frame 24 in. Roll-Up	1
2	H301013	Isolator Hanger	1
3	KB11016	Spherical Plain Bearing	1
4	KS50002	Isolator	2
5	F041644	Bolt 1 in. x 4 1/2 UNC GR. 8	1
6	F211600	Locknut 1 in.	1
7	H101170	Hanger Spacer	2
8	F041030	Bolt 5/8 UNC x 3 GR. 8	2
9	F211000	Locknut 5/8 UNC	2
10	H101094	Slider - Outer 92 in.	2
11	H101095	Slider - Inner 30.5 in	1
12	H101096	Slider - Return 45 in	2
13	F610406	Screw 1/4 UNC x 3/4. Fl. Hd. Phillips S.S.	3
14	F210400	Locknut 1/4 UNC	3
15	H301041	'T' Bolt	6
16	F041220	Bolt 3/4 UNC x 2 GR. 8 *Torque 200 to 300 Ft. LB. (Head)	4
17	H101063	Bolt Lock 1 1/8 AF. 12 pt.	4
18	F040414	Bolt 1/4 UNC x 1 1/2 GR. 8	4
19	F210400	Locknut 1/4 UNC	4
20	H301023	Sod Guide LH - Non Current	1
21	H301024	Sod Guide RH - Non Current	1
22	F330608	Washer 3/8 GR. 8	12
23	F230600	Nut 3/8 UNC	6
24	F210600	Locknut 3/8 UNC	6
25	H101246	Spacer - Sod Guide	6
26	H301044	Rear Handle 16 & 18 in.	1
	H301048	Rear Handle 24 in.	1
27	F040520	Bolt 5/16 UNC x 2.00 GR. 8	4
28	F210500	Locknut 5/16 UNC	4
29	H500100	Conveyor Mat 16 in. Std. Assy. - Non Current (See Pg. 67 for Current)	1
	H500096	Conveyor Mat 16 in. Trimmed. Assy.- Non Current (Current Pg. 67)	1
	H500324	Conveyor Mat 16 in. Aggressive. Assy.- Non Current (Current Pg. 67)	1
	R500429	Conveyor Mat 16 in. Std. Assy.	1
	H500101	Conveyor Mat 18 in. Std. Assy.	1
	H500127	Conveyor Mat 24. Std. Assy.	1
30	KD90001	Splice - Conveyor Mat	8
31	KD90003	Mat Clip	234
32	H301014	Beam Extension - 16 & 18in. - 2150 & 2200 Models	1
33	H301047	Beam Extension - 24in. 2150 Model	1
34	H301111	Sod Guide LH.	1
	H301185	Sod Guide. LH - Special Order. 18in. Conveyor & 16in. Cutting Head.	1
35	H301112	Sod Guide RH.	1
	H301186	Sod Guide. RH - Special Order. 18in. Conveyor & 16in. Cutting Head.	1

NOTE
For the 24in. Rubber mat conveyor frame with Idler Rollers, from Ser. No. 239 see page 46.

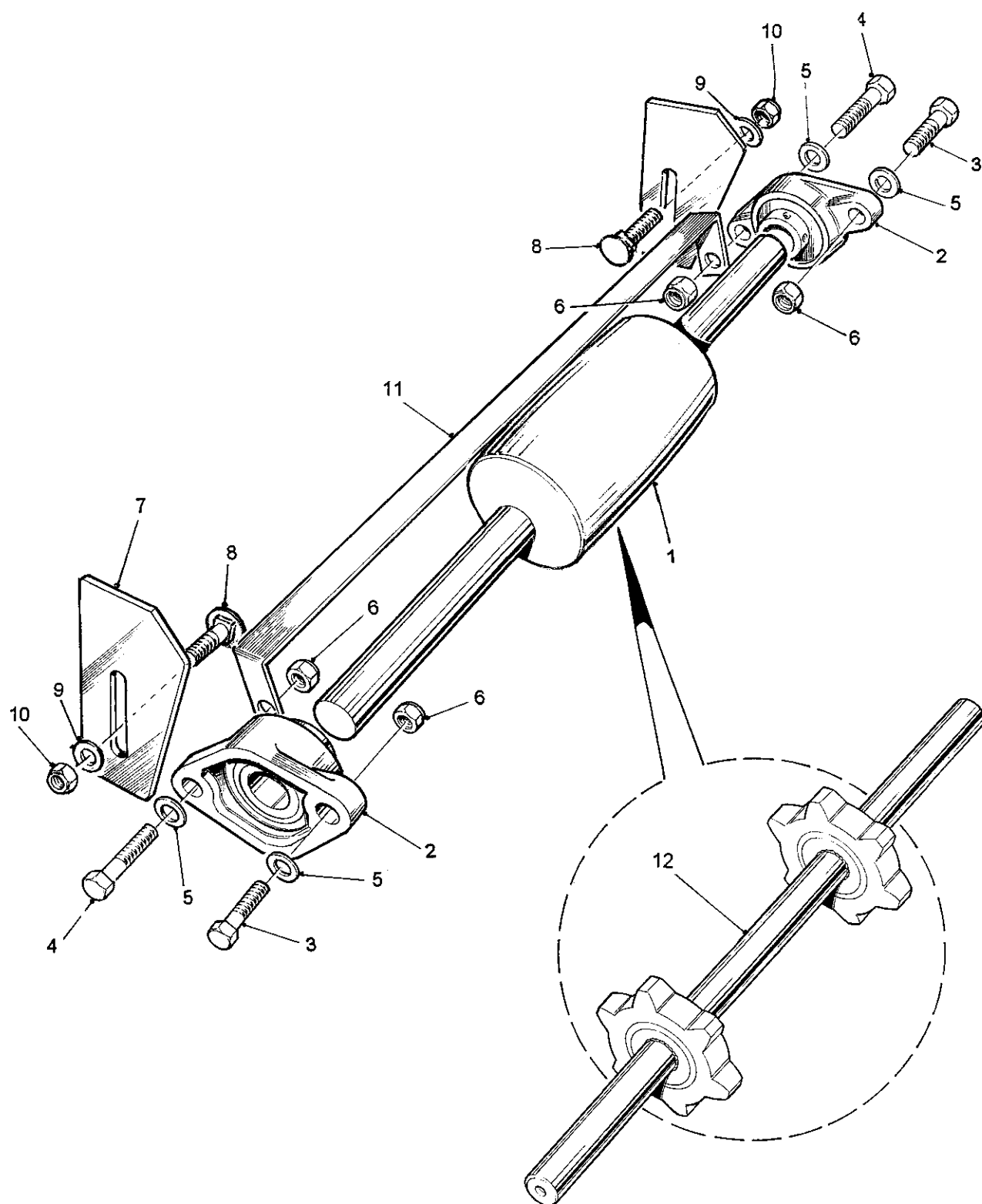
NOTE
Items 2, 3 & 4 are available as Isolator Hanger Assembly - H500203.

NOTE
Conveyor Mat Assemblies consist of:
2 lengths of Mat c/w Clips and 8 Mat Splice KD90001

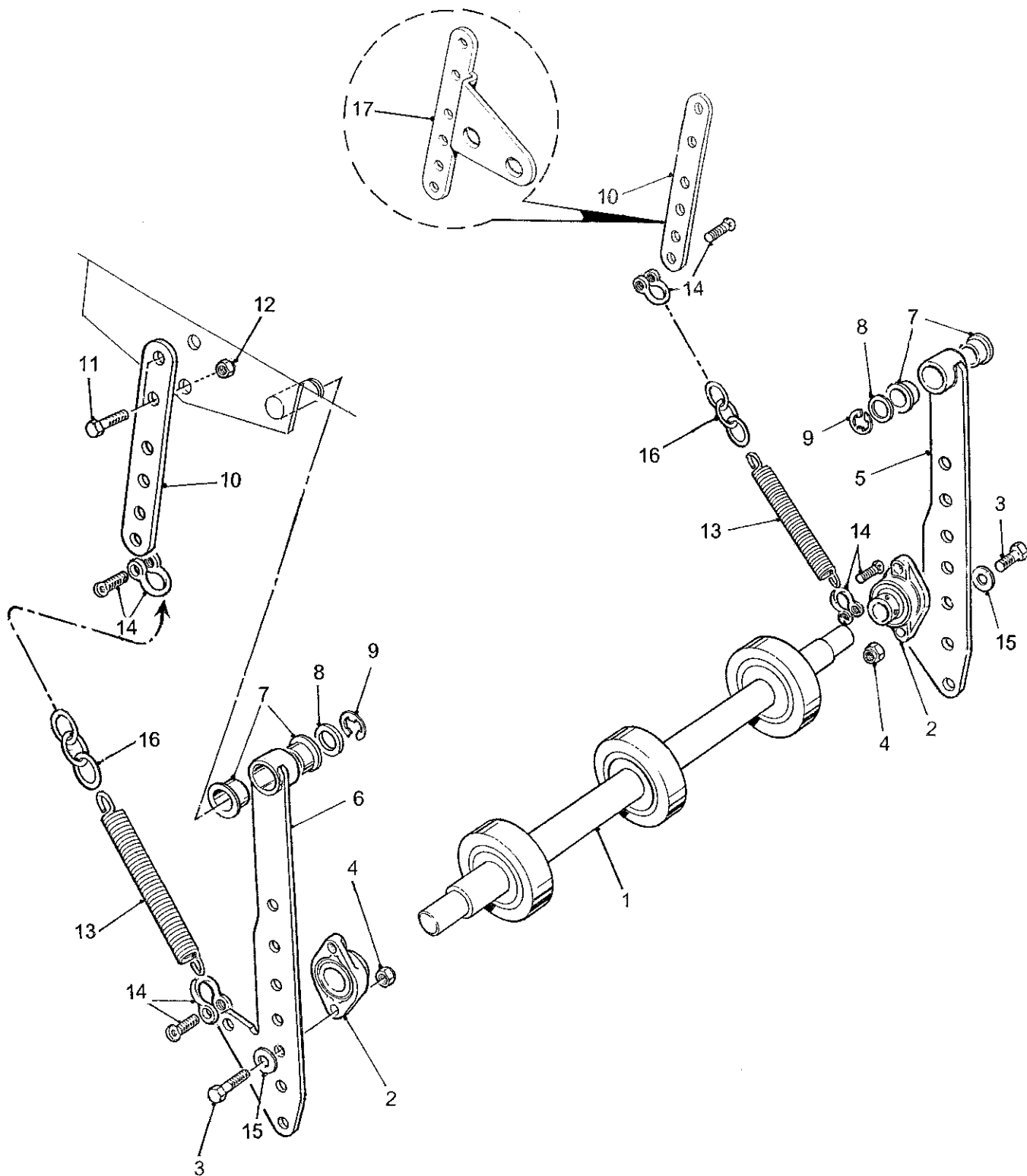
NOTE
See Pages 3-6 of Section 6 Miscellaneous for Mintex Option.



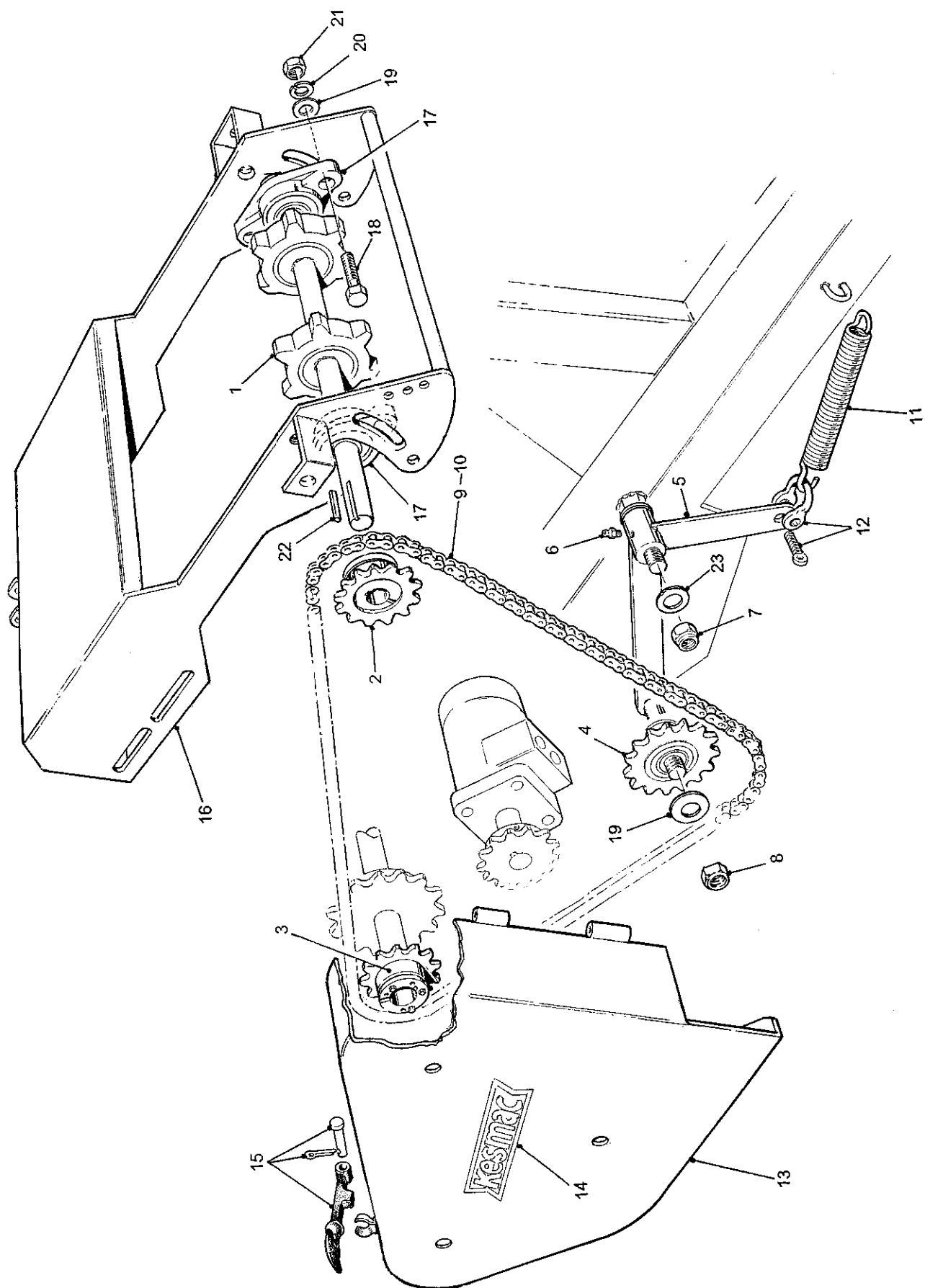
ITEM NO.	PART NO.	DESCRIPTION	QTY
		CONVEYOR DRIVE	
1	H301002	Conveyor Drive Shaft, 16 in. - Non Current (See Pg. 67 for Current)	1
	H301035	Conveyor Drive Shaft, 18 in. - Non Current (See Pg. 67 for Current)	1
	H301045	Conveyor Drive Shaft, 24 in.	1
2	D8001	Conveyor Sprocket Plate - Non Current (See Pg. 67 for Current)	2
3	KD20001	Conveyor Sprocket	2
4	F040410	Bolt 1/4 UNC x1 GR. 8	18
5	F210400	Locknut 1/4 UNC	18
6	KB32016	Flanged Bearing	2
7	F081020	Bolt 5/8 UNF x 2 GR. 8	4
8	F231050	Nut 5/8 UNF	4
9	KH30007	Conveyor Motor	1
	KH70054	Seal Kit. Conveyor Motor	1
10	F040610	Bolt 3/8 UNC x 1 GR .8	4
11	F330608	Washer 3/8 GR. 8	4
12	F310600	Lockwasher 3/8	4
13	KD42010	Sprocket 20T Drive Motor - Roll machines (Standard.)	1
	KD42010	Sprocket 20T - Slab machines (High speed.)	1
14	KD41510	Sprocket 15T Conveyor Drive	1
15	H101216	Chain #50 - Conveyor Drive	1
16	KD41000	Chain Connector # 50	1
17	F924420	Key 1/4 x 1/4 x 2	1
18	F030620	Bolt 3/8 UNC x 2 Full Thread (Bearing Adj.)	1
19	F230600	Nut 3/8 UNC	1
20	F030620	Bolt 3/8 UNC x 2 Full Thread	1
21	F230600	Nut	1
22	Option	Sprocket (Roll-Up Drive) (See Section 2 page 8)	REF
23	H301097	Guard - Chain (Slabber Unit & Hydraulic Roll-Up option Only)	1
24	F040506	Bolt 5/16 UNC x 3/4 GR. 8	2
25	F320500	Washer 5/16	2
26	F310500	Lockwasher 5/16	2
27	F331000	Washer 5/8 SAE	1
28	F311000	Lockwasher 5/8	4
29	KD41810	Sprocket 18T - Slab machines (Standard.)	2



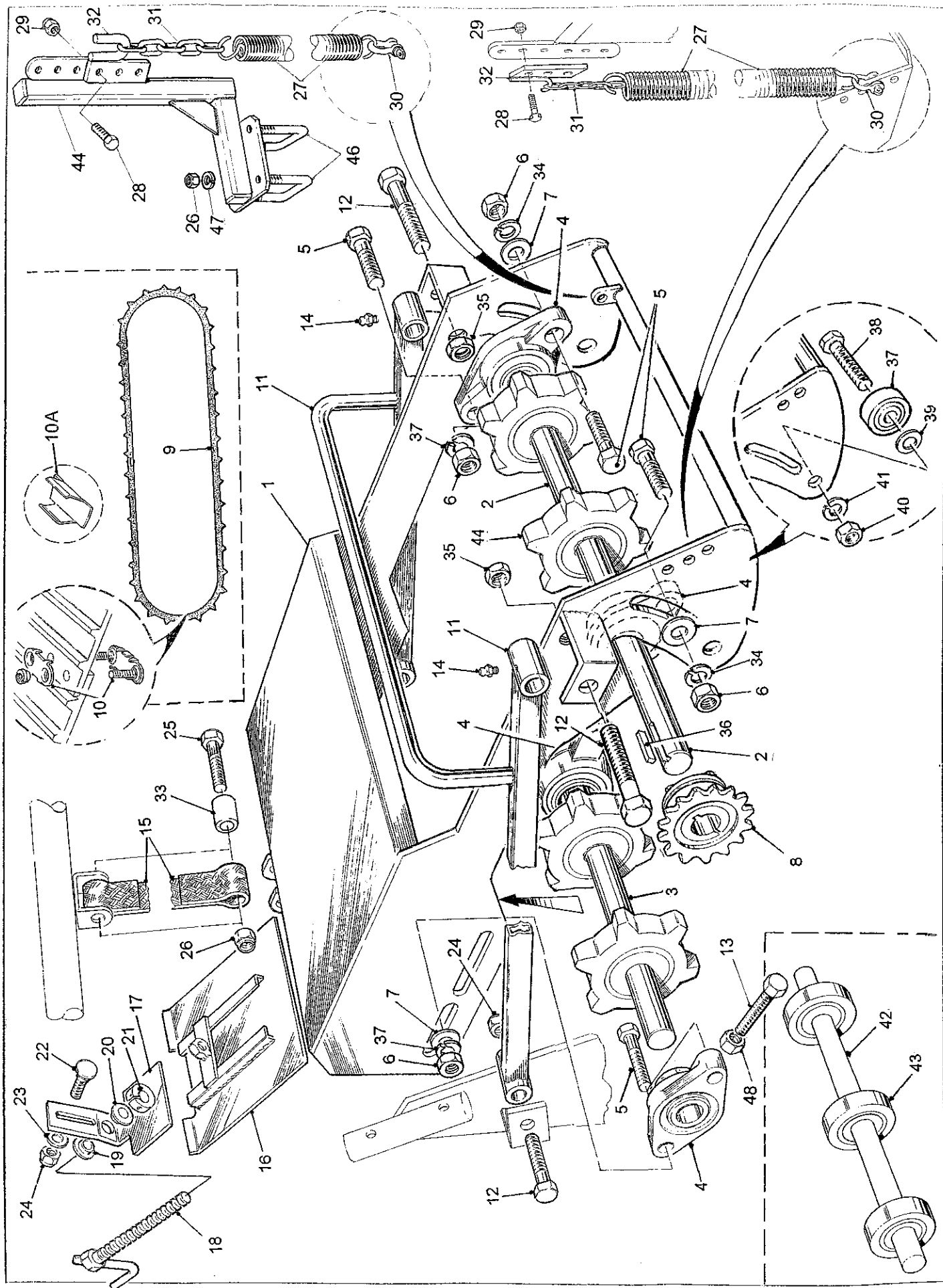
ITEM NO.	PART NO.	DESCRIPTION	QTY
		CONVEYOR - CROWN ROLLER	
1	H301009	Crown Roller 16 & 18 in.	1
	H301033	Crown Roller 24 in.	1
2	KB32016	Flanged Bearing	2
3	F081020	Bolt 5/8 UNF x 2 GR. 8	2
4	F081024	Bolt 5/8 UNF x 2 1/2 GR. 8	2
5	F331008	Washer 5/8 GR. 8	4
6	F211000	Locknut 5/8 UNC	4
7	H101024	Adjuster Wedge	2
8	F040814	Carriage Bolt 1/2 UNC x 1 1/2	2
9	F330808	Washer 1/2 GR. 8	2
10	F210800	Locknut 1/2 UNC	2
11	H101069	Scraper 16 & 18 in.	1
	H101187	Scraper 24 in.	1
12	H301212	Idler Shaft. Lower 16 in. (Option) - Non Current (See Pg. 67 for Current)	1
	H301213	Idler Shaft. Lower 18 in. (Option)	1
	H301214	Idler Shaft. Lower 24 in. (Option)	1



ITEM NO.	PART NO.	DESCRIPTION	QTY
CONVEYOR - IDLER SHAFT			
1	H301100	Roller Idler Shaft - 16in - Non Current (See Pg. 67 for Current)	18
	H301115	Roller Idler Shaft - 18in (H301117 - 24in Roller Idler Shaft)	18
2	KB32012	Flanged Bearing C/W Lock Collar	2
3	F040714	Bolt 7/16 UNC x 1 1/2 GR. 8	4
4	F210700	Locknut 7/16 UNC	4
5	H301005	Tensioner Arm LH	1
6	H301006	Tensioner Arm RH	1
7	KB71013	Flanged Bushing. Non Current up to Serial No. 447	4
	KB11212	Flanged Bushing. Current from Serial No. 448	4
8	KB12220	Thrust Washer	4
9	F830074	Retaining Ring - External	2
10	H101022	Idler Spring Bar R.H.	1
11	F040410	Bolt 1/4 UNC x 1 GR. 8	4
12	F210400	Locknut 1/4 UNC	4
13	KS20002	Spring - Tension	2
14	KC01002	Shackle 3/16	4
15	F330700	Washer 7/16 SAE	4
16	H101280	Extension Chain - Tensioner	2
17	H101594	Spring Bar & Hose Bulkhead L.H. (2150 models only)	1
NOTE See page 46 for 24 in. Rubber Mat Roller Idler Shafts.			



ITEM NO.	PART NO.	DESCRIPTION	QTY
CONVEYOR - ROLL-UP DRIVE SPROCKETS			
1	H301029	Roll-Up Drive Shaft 16 & 18 in - Non Current (See Pg. 67 for Current)	1
	H301056	Roll-Up Drive Shaft 24 in	1
2	Optional	Sprocket - Drive Roll-Up	1
3	Optional	Sprocket - Drive Conveyor	1
4	KD70003	Sprocket 18T c/w Bearing, Idler Tensioner	1
5	H301040	Chain Tensioner Arm	1
6	KM11400	Grease Fitting	1
7	F210800	Locknut 1/2 UNC	1
8	F211000	Locknut 5/8 UNC	1
9	H101062	Roll-Up Chain #40	1
10	KD71000	Chain Connector Link #40	1
11	KS20003	Spring Tension	1
12	KC01002	Screw Pin Anchor Shackle 3/16	1
13	H301032	Conveyor Roll-Up Chain Guard	1
14	D001-014	Decal "KESMAC"	1
15	KM99035	Rubber Retainer -Guard C/W Bracket, Socket, Clevis & Cotter Pins)	1
16	H301120	Roll-Up Tray 16 & 18 in.	1
	H301020	Roll-Up Tray 16 & 18 in. (Double Starter Gate)	1
	H301121	Roll-Up Tray 24 in.	1
	H301054	Roll-Up Tray 24 in. (Double Starter Gate)	1
17	KB32016	Flanged Bearing	2
18	F081020	Bolt 5/8 UNF x 2	4
19	F331000	Washer 5/8 SAE	5
20	F313000	Lockwasher 5/8	4
21	F231050	Nut 5/8 UNF	4
22	F924420	Key 1/4 x 1/4 x 2	1
23	F330800	Washer 1/2 SAE	1



ITEM NO.	PART NO.	DESCRIPTION	QTY
ROLL-UP TRAY. CHAIN DRIVE. STD.			
1	H301020	Roll-Up Tray 16 & 18 in. (Double Starter Gate)	1
	H301120	Roll-Up Tray 16 & 18 in.	1
	H301054	Roll-Up Tray 24 in. (Double Starter Gate)	1
	H301121	Roll-Up Tray 24 in.	1
2	H301029	Roll-Up Drive Shaft 16 & 18 in. - Non Current (See Pg. 67 for Current)	1
	H301056	Roll-Up Drive Shaft 24 in.	1
3	H301028	Roll-Up Idler Shaft 16 & 18 in. - Non Current (See Pg. 67 for Current)	1
	H301055	Roll-Up Idler Shaft 24 in.	1
4	KB32016	Flanged Bearing	4
5	F081016	Bolt 5/8 unf x 1 3/4 Gr.8	8
6	F231050	Nut 5/8 unf	8
7	F331000	Washer 5/8 SAE	6
8	Option	Sprocket (See Section 2 Page 8)	1
9	H101219	Roll-Up Belt 16 & 18 in. - Non Current (See Pg. 67 for Current)	1
	H101220	Roll-Up Belt 24 in.	1
10	KD90001	Belt Splicer. (10A - Mat Clip KD90003. Qty. 44)	4
11	H301015	Roll-Up Link 16 & 18 in.	1
	H301053	Roll-Up Link 24 in.	1
12	F040830	Bolt 1/2 unc x 3 Gr.8	4
13	F030630	Bolt 3/8 unc x 3 Gr.8 Full Thrd.	2
14	KM11400	Grease Fitting	2
15	H101033	Roll-Up Hanger Strap (2 In. Wide)	1
16	H301038	Flap Adjuster Plate	1
17	H101129	Bracket, Flap Adjuster Plate	1
18	H301039	Crankshaft	1
19	KB21008	Flange Bushing 1/2 ID x 5/8 OD x 1/2	1
20	KB60010	Thrust Bearing	1
21	KM10051	Lock Collar	1
22	F020814	Carriage Bolt 1/2 unc x 1 1/2	1
23	F330808	Washer 1/2 SAE	1
24	F210800	Locknut 1/2 unc	5
25	F040630	Bolt 3/8 x 3 Gr.8	2
26	F210600	Locknut 3/8 unc	2
27	KS20002	Spring Tension - 38.0	1
28	F040506	Bolt 5/16 unc x 3/4 Gr.8	2
29	F210500	Locknut 5/16 unc	2
30	KC01002	Screw Pin Anchor Shackle 3/16	1
31	H101281	Roll-Up Drop Chain	1
32	H301069	Roll-Up Spring Hook	1
33	H101261	Bushing	2
34	F311000	Lockwasher 5/8	8
35	F220800	Jam Nut 1/2 unc	8
36	F924420	Key 1/4 x 1/4 x 2	1
37	KB12122	Cam Follower	2
38	F040514	Bolt 5/16 unc x 1 1/2 Gr.8	2
39	F320500	Washer 5/16	2
40	F230500	Nut 5/16 unc	2
41	F310500	Lockwasher 5/16	2
42	H301118	Idler Shaft 16 & 18 in. (Mintex Option - See Secion 6, Page 3)	1
	H301119	Idler Shaft 24 in. (Mintex Option - See Secion 6, Page 5)	1
43	H101126	Tire per shaft	3
44	H301144	Secondary Spring Mount 24in. Roll-Up	1
45	H101127	Sprocket - 6 - teeth per shaft	2
46	F970623	U-Bolt 3/8 unc x 1.5 x 3in.	2
47	F310600	Lockwasher 3/8	4
48	F230600	Nut 3/8 unc	

NOTE

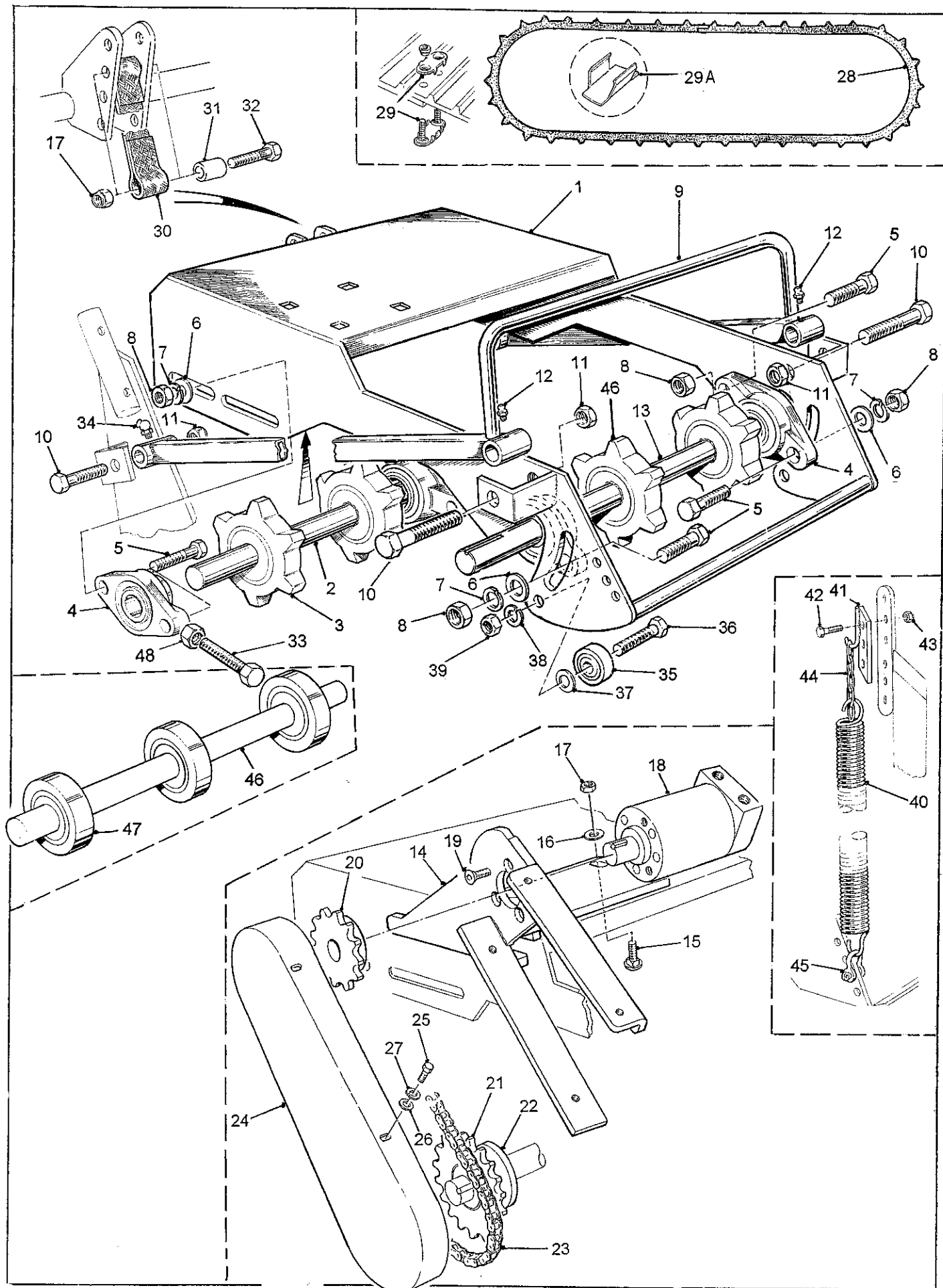
Item 9 - Roll-Up Belts 16,18 & 24 in. and Item 10 - Belt Splicer are available as assembly A02008 for 16 & 18 in. and H500099 for 24 in.

NOTE

Items 16, 17, 18, 19, 20, 21, 22, 23, and 24 are available as assembly H500186 - Flap Adjust Assembly.

NOTE

See Pages 3-6 of Section 6 Miscellaneous for Mintex Option.



ITEM NO.	PART NO.	DESCRIPTION	QTY
HYDRAULIC ROLL-UP. CHAIN DRIVE			
1	H301120	Roll-Up Tray. 16 & 18 in.	1
	H301020	Roll-Up Tray. 16 & 18 in. (Double Starter Gate)	1
	H301121	Roll-Up Tray. 24 in.	1
	H301054	Roll-Up Tray. 24 in. (Double Starter Gate)	1
2	H301028	Idler Shaft. 16 & 18 in. - Non Current (See Pg. 67 for Current)	1
	H301055	Idler Shaft. 24 in.	1
3	H101127	Sprocket. 6 - teeth	2
4	KB32016	Flanged Bearing	4
5	F081016	Bolt 5/8 unf x 1 3/4 Gr.8	8
6	F331000	Washer 5/8 SAE	8
7	F313000	Lockwasher 5/8	8
8	F231050	Nut 5/8 unf	8
9	H301015	Roll-Up Link. 16 & 18 in.	1
	H301053	Roll-Up Link. 24 in.	1
10	F040830	Bolt 1/2 unc x 3 Gr.8	8
11	F210800	Locknut 1/2 unc	8
12	KM11400	Grease Fitting. Straight	2
13	H301029	Drive Shaft. 16 & 18 in. - Non Current (See Pg. 67 for Current)	1
	H301056	Drive Shaft. 24 in.	1
14	H301134	Motor Mount	1
15	F020610	Bolt 3/8 unc x 1 Carriage	4
16	F320600	Flatwasher 3/8	4
17	F210600	Locknut 3/8 unc	6
18	KH30016	Roll-Up Motor	1
19	F730405	Bolt 1/4-28 x 5/8 Flat Hd.	3
20	KD71205	Sprocket. Drive	1
21	KD80024	Sprocket. Driven	1
22	KD80002	Taper Bushing	1
23	H101455	Chain (#40 x 31 in. c/w Link.)	1
24	H301135	Guard	1
25	F040404	Bolt 1/4 x 1/2 Gr.8	4
26	F320400	Flatwasher 1/4	4
27	F310400	Lockwasher 1/4	4
28	H101219	Roll-Up Belt. 16 & 18 in. - Non Current (See Pg. 67 for Current)	1
	H101220	Roll-Up Belt. 24 in.	1
29	KD90001	Mat Splice. (29A - Mat Clip KD90003. Qty. 44)	4
30	H101033	Hanger Strap. (2 in. wide)	1
31	H101261	Bushing	2
32	F040630	Bolt 3/8 unc x 3 Gr.8	2
33	F030630	Bolt 3/8 unc x 3 Gr.8 Full Thrd.	2
34	KM11445	Grease Fitting. 45 deg.	2
35	KB12122	Bearing	2
36	F040514	Bolt 5/16 unc x 1 1/2 Gr.8	2
37	F320500	Washer 5/16	2
38	F310500	Lockwasher 5/16	2
39	F230500	Nut 5/16 unc	2
40	KS20002	Spring (Qty. 2 on 24 in.)	1
41	H301069	Spring Hook	1
42	F040506	Bolt 5/16 unc x 3/4 Gr.8 (Qty. 4 on 24 in.)	2
43	F210500	Locknut 5/16 unc (Qty. 4 on 24 in.)	2
44	H101281	Drop Chain (Qty. 2 on 24 in.)	1
45	KC01002	Shackle (Qty. 2 on 24 in.)	1
46	H301118	Idler Shaft. 16 & 18 in. (Mintex Option - See Secion 6, Page 3)	1
	H301119	Idler Shaft. 24 in. (Mintex Option - See Secion 6, Page 5)	1
47	H101126	Tire - Non Current	3
48	F230600	Nut 3/8 unc	2

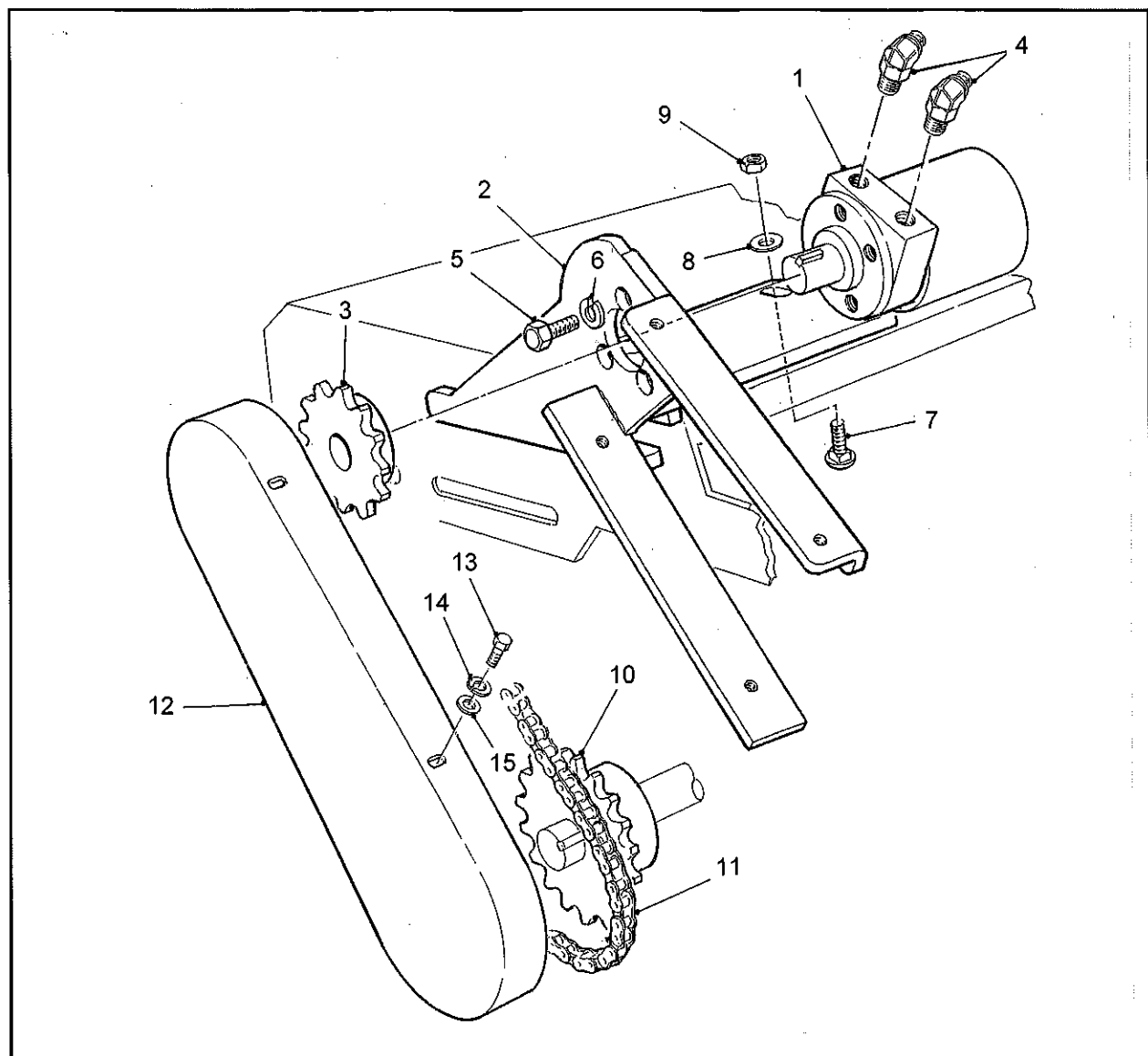
NOTE

Items 14, 18, 19 & 20 are superceeded by the Heavy Duty Roll-Up Motor Assembly - H500305. See Page 14A for the complete parts list.

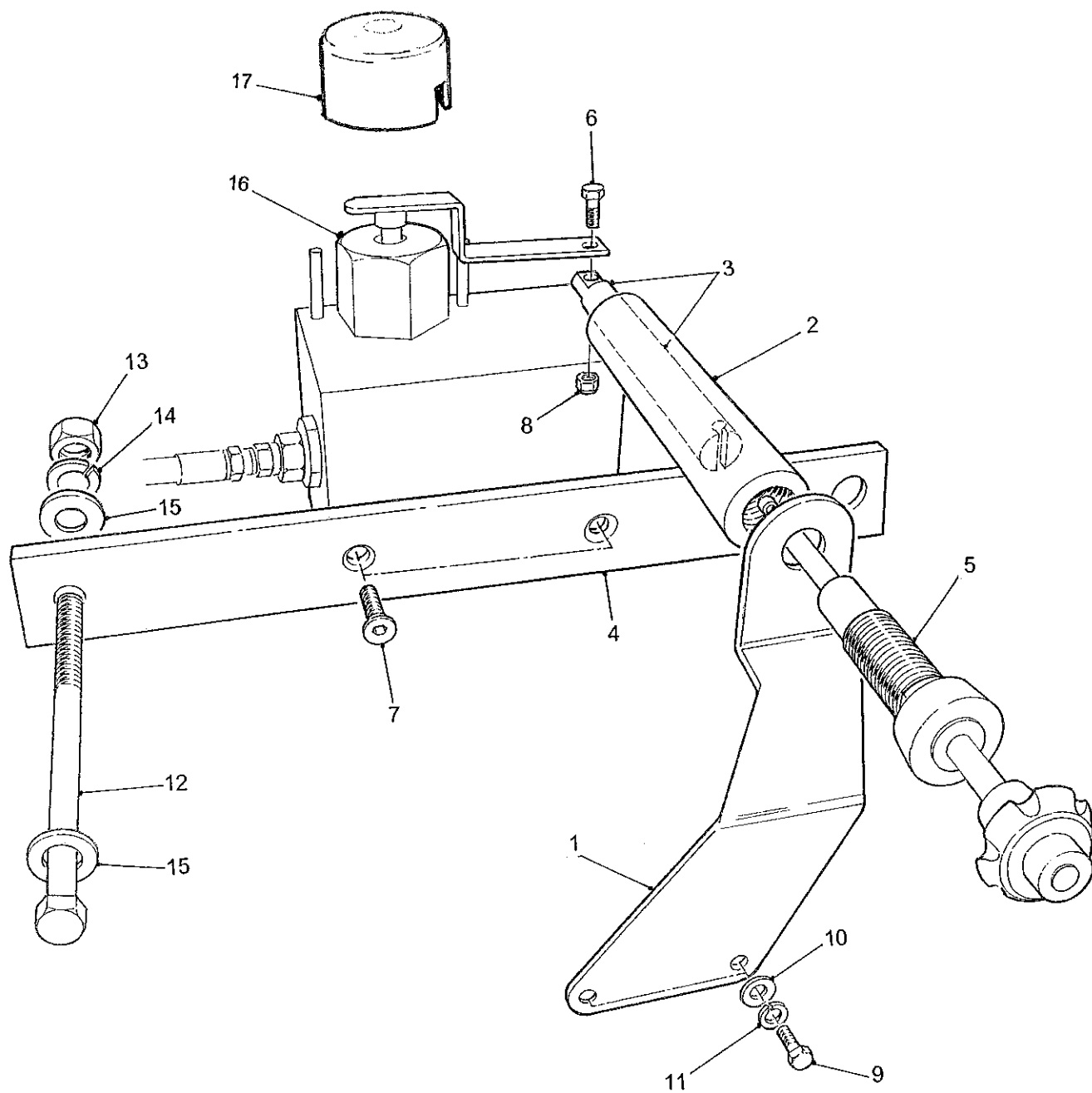
NOTE

See Page 11 for the Secondary Spring Mount - H301144, and U Bolts - F970623 which are mounted on the inner side of the Roll-Up Tray.

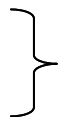
ITEM NO.	PART NO.	DESCRIPTION	QTY
		HEAVY DUTY ROLL-UP MOTOR ASSEMBLY Current from Serial No. 542 on 24 in. & 626 on 16 & 18 in.	
1	KH30034	Hydraulic Motor	1
2	H301215	Mount. Hydraulic Motor	1
3	KD71210	Sprocket. Drive (See Section 2, Page 8 for Sprocket options.)	1
4	6-10-070320	Fitting. No. 6 J.I.C. to No. 10 'O' Ring. 45 Deg. Elbow	2
5	F040610	Bolt 3/8 unc x 1 Gr.8	4
6	F310600	Lockwasher 3/8	4
7	F020610	Bolt 3/8 unc x 1 Carriage	4
8	F320600	Flatwasher 3/8	4
9	F210600	Locknut 3/8 unc	6
10	KD80020	Sprocket. Driven (See Section 2, Page 8 for Sprocket options.)	1
11	H101455	Chain (#40 x 31 in. c/w Link.)	1
12	H301135	Guard	1
13	F040404	Bolt 1/4 x 1/2 Gr.8	4
14	F320400	Flatwasher 1/4	4
15	F310400	Lockwasher 1/4	4



This page intentionally blank.

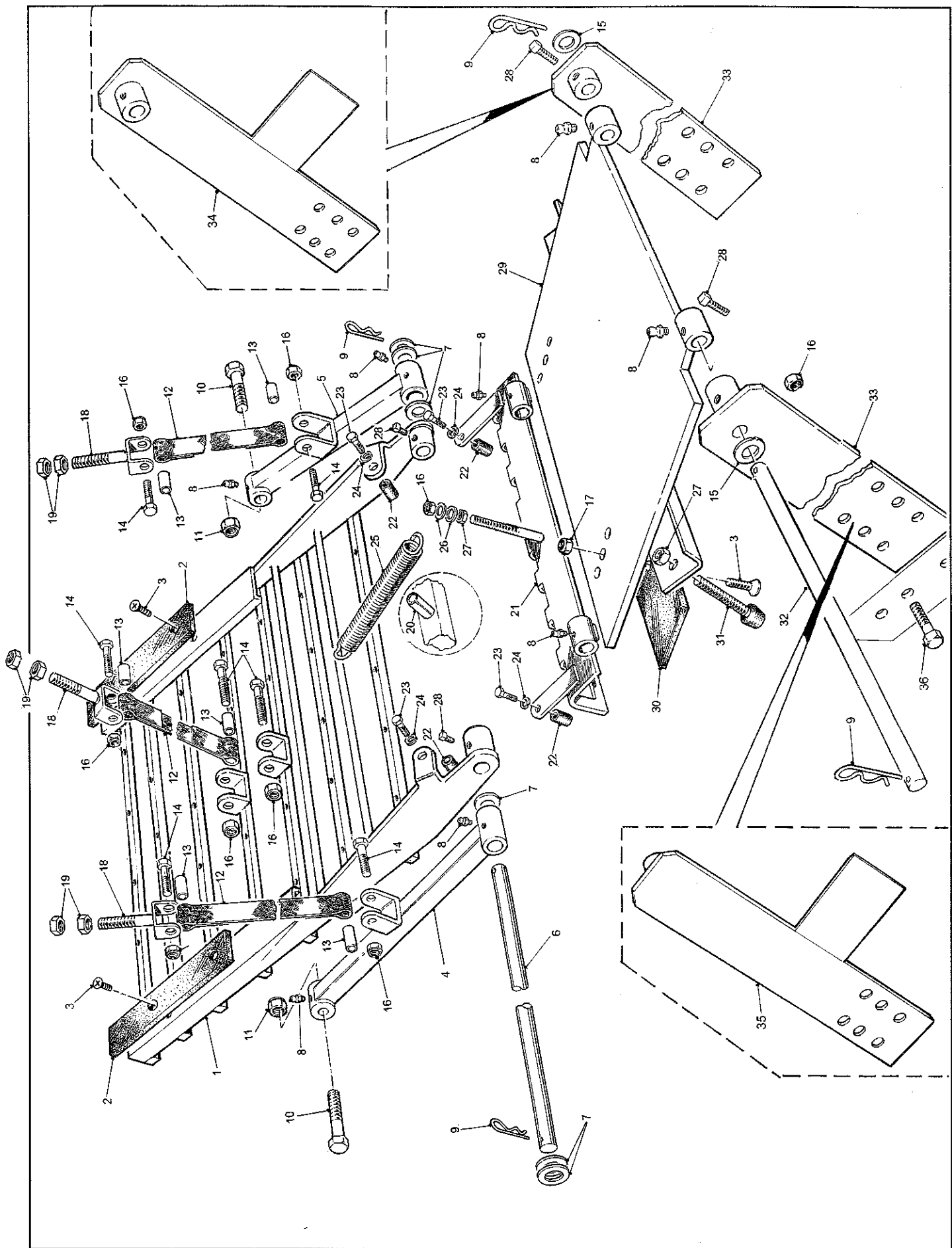


ITEM NO.	PART NO.	DESCRIPTION	QTY
		HYDRAULIC ROLL-UP, MICRO-ADJUST	
1	H110738	Anchor Bracket, Micro-Adjust Control	1
2	H110737	Guide Tube, Micro-Adjust Control	1
3	H110736	Extension, Micro-Adjust	1
4	H110732	Mounting Bar, Variable Flow Divider	1
5	H110753	Micro-Adjust Control	1
6	H110754	Pivot Bolt	1
7	F660610	Screw 3/8 UNC x 1 Soc. Hd.	2
8	F210500	Locknut 5/16 UNC	1
9	F010406	Screw 1/4 UNC x 3/4 Hex. Hd. Cap	2
10	F320400	Washer 1/4	2
11	F310400	Lockwasher 1/4	2
12	F0412120	Bolt 3/4 UNC x 12 GR.8	2
13	F231200	Nut 3/4 UNC	2
14	F311200	Lockwasher 3/4	2
15	F321200	Washer 3/4	2
16	KH20062	Variable Flow Divider	1
17	H110027	Protective Cap	1


 Beam Extension
Mounting Hardware



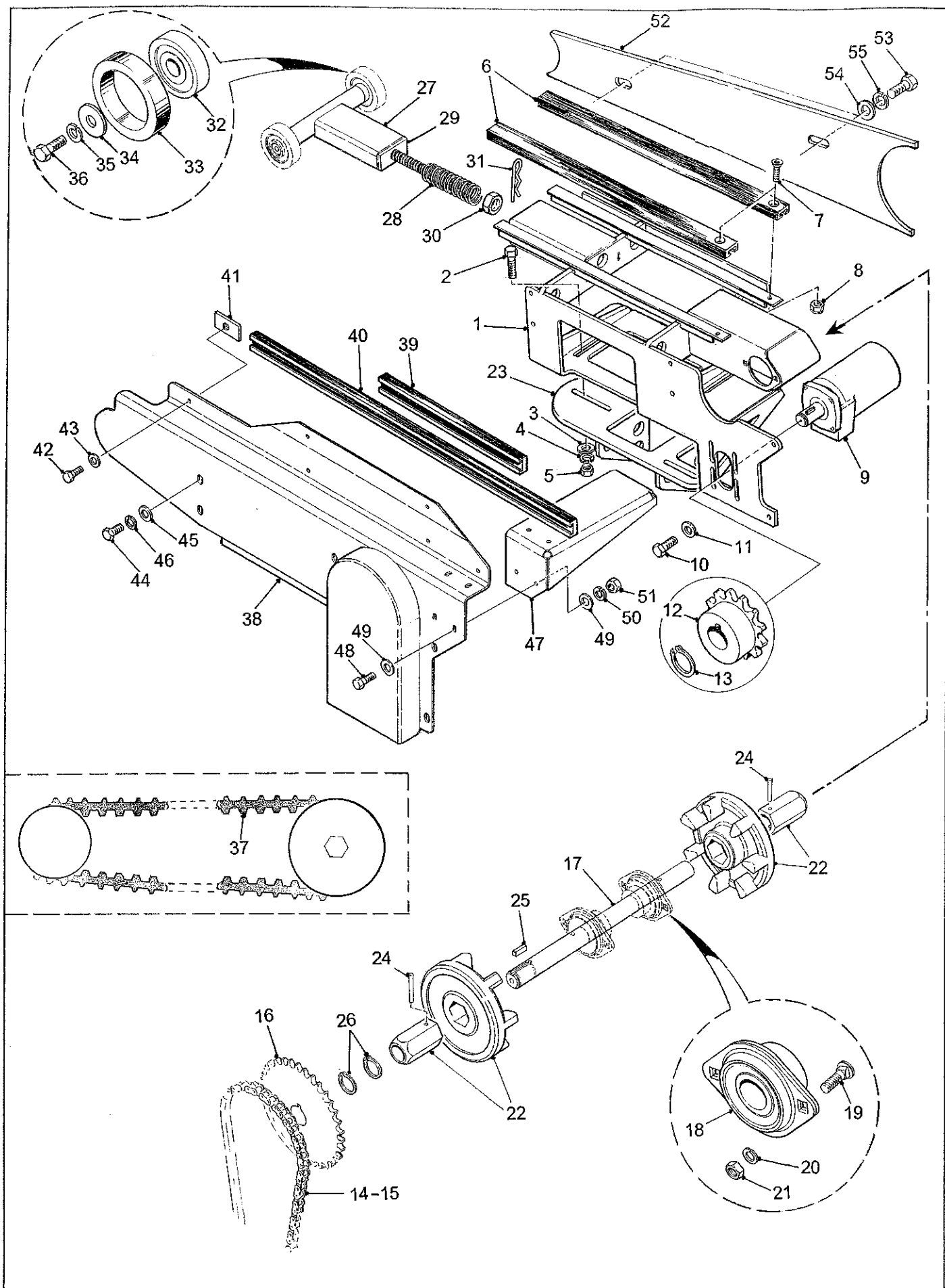
ITEM NO.	PART NO.	DESCRIPTION	QTY
HYDRAULIC SYSTEM			
CROSS CONVEYOR, MK2 & HYDRAULIC ROLL-UP			
1	KH20062	Variable Flow Divider	1
2	8-12-070220	Fitting. No. 12 to No. 8 90° 'O' Ring to JIC Elbow	2
3	12-16-070120	Fitting. No. 16 to No. 12 Str. Adaptor	1
4	12-8-070123	Fitting. No. 12 to No. 8 JIC Reducer	1
5	12-070110	Fitting. No. 12 JIC Nut	1
6	H500509	Hose Assembly, Inlet to CF2	1
7	8-12-070120	Adaptor, Str. Thread 'O' Ring	2
8	H500012	Flow Regulator Assembly (Cutter/Conveyor)	1
9	KH20049	Valve Block (Depth)	1
10	12-12-070120	Fitting. Male Connector	2
11	Q8576	Return Hose 3/4 ID. X 13 in. Lg.	1
12	Q8576	Return Hose. 3/4 ID. X 14in. Lg	1
13	H500580	Hose Assembly Roll-Up Motor to Return Block	1
14	6-6-070120	Fitting. No. 6 Adaptor	3
	6-10-070320	Fitting. 45 deg. Elbow - HD Roll-Up Motor Assy. (See page 14A)	2
15	KH30016	Roll-Up Motor	1
	KH30034	Heavy Duty Roll-Up Motor (See page 14A for the HD Roll-Up Motor Assy.)	1
16	H500579	Hose Assembly Roll-Up Motor to Variable Flow Divider	1
17	KH01114	Hose End, Female Swivel Barb	1
18	H500554	Hose Assembly. Variable Flow Divider to Bulkhead	1
19	8-8-070221	Fitting. Swivel Elbow 90°	3
20	H500574	Hose Assembly, Cross Conveyor Motor to Bulkhead	1
21	H500583	Hose Assembly, Cross Conveyor Motor to Harvester Valve Block	1
22	8-10-070120	Fitting. No. 10 to No. 8 Adaptor	3
23	KH30007	Main Conveyor & Cross Conveyor Motor	2
	KH70054	Seal Kit. Motor - KH30007	
24	H500511	Hose Assembly, Conveyor Motor 'A' to Bulkhead 16 & 18 in.	1
25	H500510	Hose Assembly, Conveyor Motor 'B' to Bulkhead 16 & 18 in.	1
26	8-10-070220	Fitting. Straight Thread 90° 'O' Elbow	1
27	KH20046	Valve Block (Harvester)	1
28	12-8-070120	Fitting. Male Connector	3
29	8-070118	Bulkhead Nut	2
30	8-8-070601	Bulkhead Fitting	2
31	KH20085	Needle Valve	1
32	KH20086	Needle Valve Body	1
33	H500631	Hose Assembly, Conveyor Motor 'A' to Bulkhead 24 in.	1
34	H500600	Hose Assembly	1
35	H500601	Hose Assembly	1
36	6-6-070220	Fitting. No. 6 Tube to No. 6 'O'Ring 90 deg.	1
37	6-6-070221	Fitting. No.6 Tube to No.6 'O'Ring 90 deg swivel	1
38	KH20084	Port Body. - Non Current to Serial No. 338	1
39	8-8-8-070433	Fitting. No.8 Swivel Branch Tee	1
40	8-10-070220	Fitting. No.8 Tube to No.10 'O'Ring 90 deg - Non Current to Serial No. 338	2
41	KH20083	Flow Divider Cartridge. - Non Current to Serial No. 338	1
42	KH70062	Seal Kit. Flow Divider - KH20083	1
43	H500504	Hose Assembly. Harvester Valve to Conveyor/Cutter Control	1
44	KH20107	Port Body. - Current from Serial No. 339	1
45	KH20106	Flow Divider Cartridge. - Current from Serial No. 339	1
46	6-8-070120	Fitting. No.6 Tube to No. 8 'O'Ring. - Current from Serial No. 339	1
47	8-8-070120	Fitting. No.8 Tube to No. 8 'O'Ring. - Current from Serial No. 339	2
48	8-8-070220	Fitting. No.8 Tube to No. 8 'O'Ring. 90 deg. - Current from Serial No. 339	1
49	H500630	Hose Assembly Conveyor Motor 'B' to Bulkhead 24 in.	1



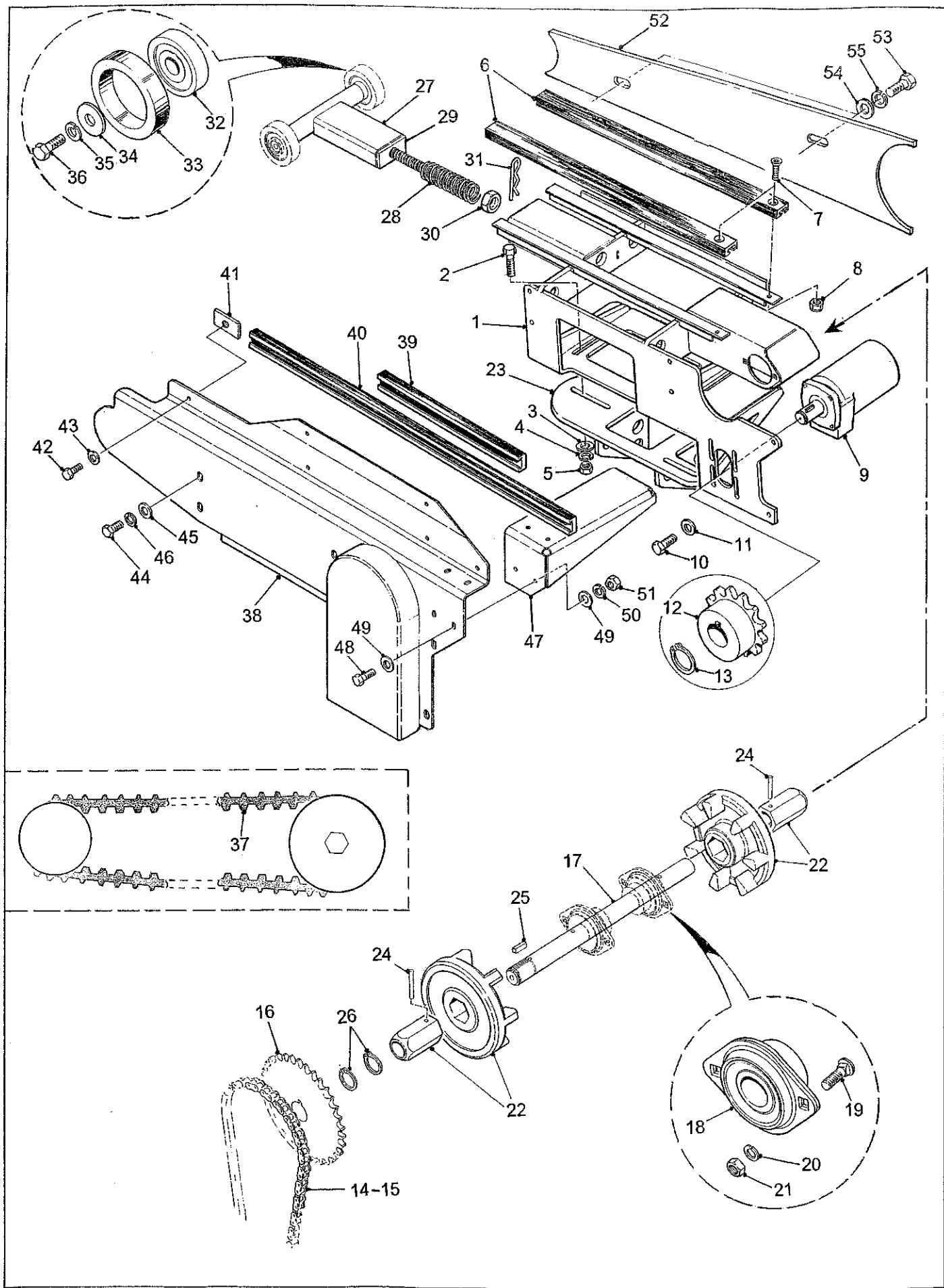
ITEM NO.	PART NO.	DESCRIPTION	QTY
STARTER TRAY & PRE-START FLAP			
1	H301122	Starter Tray 16 & 18 in	1
	H301123	Starter Tray 24 in	1
2	H101414	Wear Pad	2
3	F550406	Bolt 1/4 UNC x 3/4 Flat Hd. Phil	6
4	H301082	Starter Tray Link . RH	1
5	H301081	Starter Tray Link. LH	1
6	H101070	Shaft. Starter Gate 16 & 18 in	1
	H101194	Shaft. Starter Gate 24 in	1
7	F330800	Washer 1/2. SAE	A/R
8	KM11400	Grease Fitting	8
9	F940215	Hitch Pitch	4
10	F040824	Bolt 1/2 UNC x 2 1/2 GR 8	2
11	F210800	Locknut	2
12	H101032	Hanger Strap (1 in wide)	3
13	H101260	Sleeve - Hanger Strap	6
14	F040620	Bolt 3/8 UNC x 2 GR 8	7
15	F330800	Washer 1/2 in. S.A.E.	2
16	F210600	Locknut 3/8 UNC	11
17	F210400	Locknut 1/4 UNC	6
18	H301027	Suspender Adjuster	3
19	F230800	Nut 1/2 UNC	6
20	F940312	Spring Pin	33
21	H301019	Starter Gate 16 & 18 in	1
	H301052	Starter Gate 24 in	1
22	KS60003	Bumper - Starter Gate	4
23	F040404	Bolt 1/4 UNC x 1/2 GR 8	4
24	F310400	Lockwasher 1/4	4
25	KS20005	Spring (Tension) Starter Tray	1
26	F330600	Washer 3/8 SAE	2
27	F230600	Nut 3/8 UNC	5
28	F110606	Screw 3/8 UNC x 3/4 SQ. Hd. Cup. Pt	4
29	H301109	Flap Starter Mount 16 & 18 in	1
	H301125	Flap Starter Mount 24 in	1
30	H101413	Starter Flap 16 & 18 in	1
	H101442	Starter Flap 24 in	1
31	KS60002	Bumper - Starter Flap	2
32	H101420	Shaft - Starter Flap 16 & 18 in	1
	H101443	Shaft - Starter Flap 24 in	1
33	H301110	Pivot Bar - Starter Flap. 16 in.	2
34	H301142	Pivot Bar - Starter Flap. L.H. 18 & 24 in.	1
35	H301143	Pivot Bar - Starter Flap. R.H. 18 & 24 in.	1
36	F040610	Bolt 3/8 UNC x 1 Gr.8	4

NOTE
See Page 55 for the
Double Starter Tray.

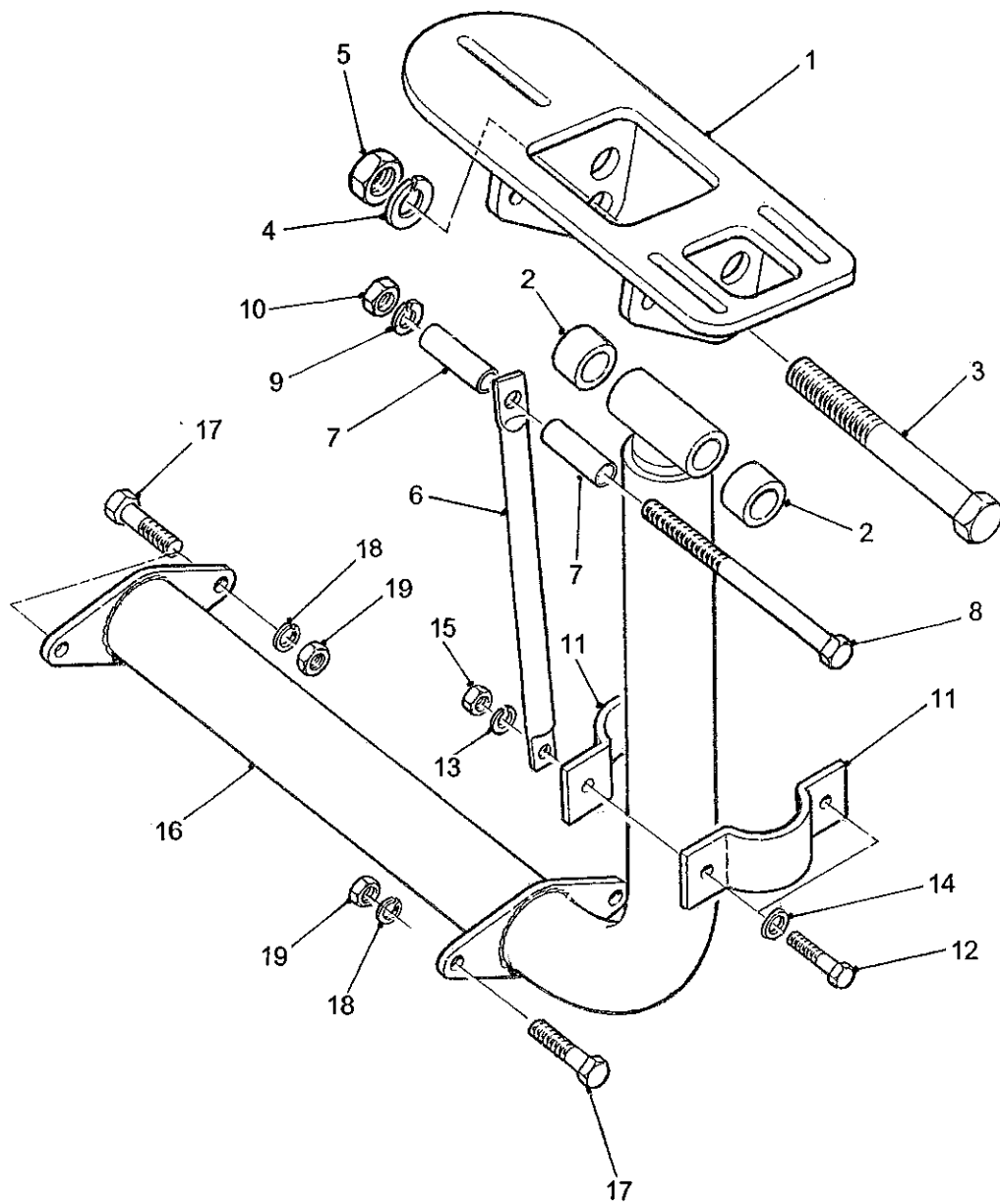
NOTE
Fit one washer, item 23, to the
inside of the Link Boss.
Fit washers AS REQUIRED on the
outside of the Link boss.



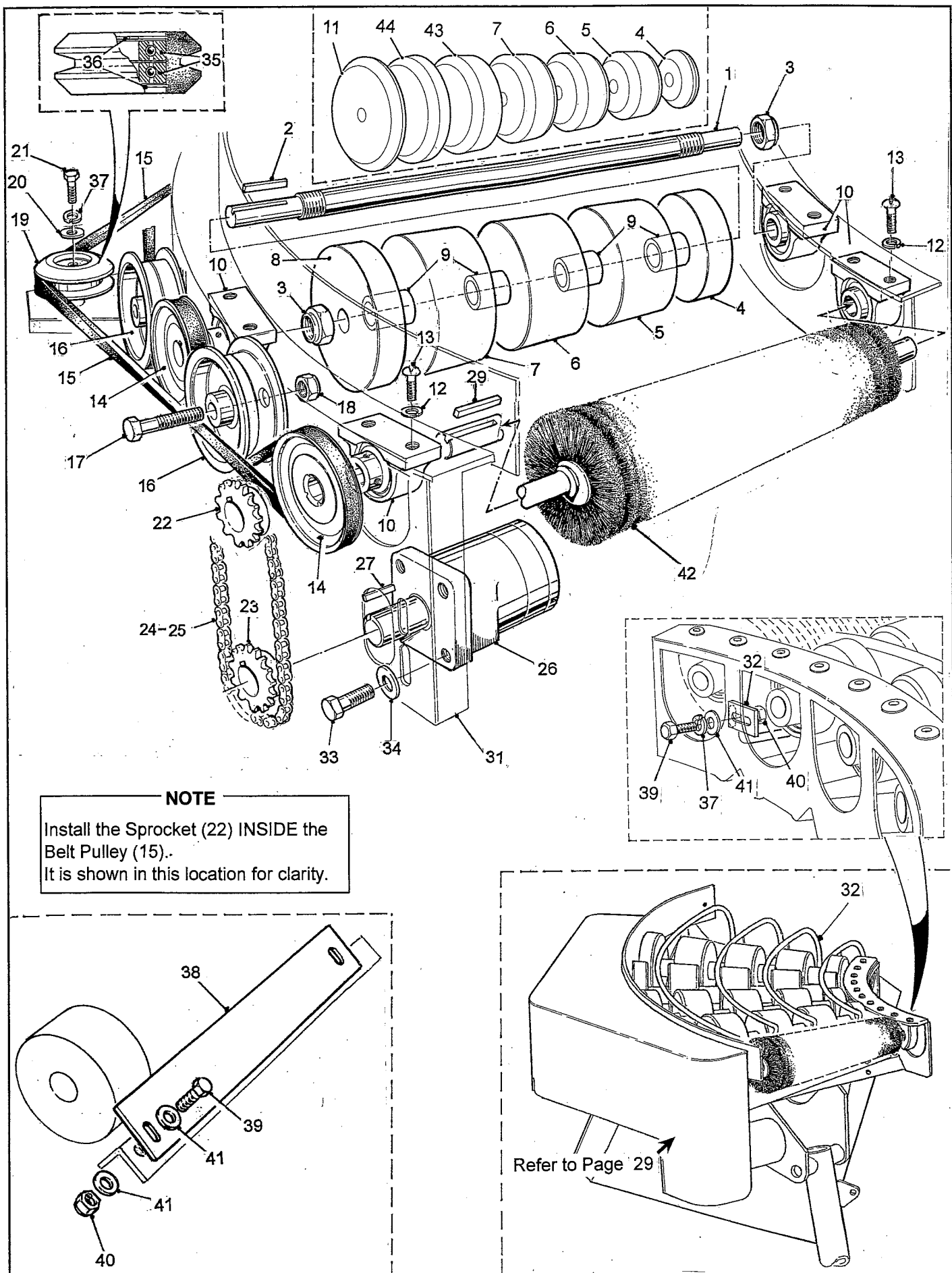
ITEM NO.	PART NO.	DESCRIPTION	QTY
		CROSS CONVEYOR. MK2	
1	H301087	Frame - Cross Conveyor	1
2	F040612	Bolt 3/8 UNC x 1 1/4 GR. 8	3
3	F330608	Washer 3/8 SAE GR. 8	6
4	F310600	Lockwasher 3/8	3
5	F230600	Nut 3/8 UNC	3
6	H101326	Slider 22 in. Lg.	2
7	F610412	Screw 1/4 UNC x 1 1/4 Flat Hd. Ph. S.S.	2
8	F210400	Locknut 1/4 UNC	2
9	KH30007	Conveyor Motor	1
	KH70054	Seal Kit. Conveyor Motor	1
10	F040610	Bolt 3/8 UNC x 1 GR. 8	4
11	F330608	Washer 3/8 SAE GR. 8	4
12	KD71810	Sprocket 18 T	1
	KD71710	Sprocket 17 T Std. { Select Sprocket for Preferred Conveyor Speed	1
13	F820100	Snap Ring - External	1
14	H101592	Chain #40 24 1/2 in. Lg.	1
15	KD71000	Chain Link #40	1
16	KD73607	Sprocket 36 T. (KD73807. 38T. & KD74007. 40T. Optional)	1
17	H101313	Drive Shaft - Conveyor	1
18	KB34014	Bearing - Flanged	2
19	F020506	Bolt 5/16 UNC x 3/4 Carriage	4
20	F310500	Lockwasher 5/16	4
21	F230500	Nut 5/16 UNC	4
22	H500345	Drive Sprocket (Kimpex)	2
23	H301090	Base - Cross Conveyor	1
24	F940312	Spring Pin	2
25	F923307	Key 3/16 x 3/16 x 0 88 in. Lg.	1
26	F820087	Retaining Ring - External	2
27	H301091	Tensioner	1
28	KS10050	Spring	1
29	=====	Backing Plate	A/R
30	F251200	Nut 3/4 Coil	1
31	F940215	Hitch Pin Clip	1
32	KB20510	Roller Bearing	2
33	H101126	Roller 75B Durometer Black } Items 32 and 33 are available as Roller Bearing Assembly - H500049.	2
34	H100045	Retaining Washer	2
35	F310600	Lockwasher 3/8	2
36	F040610	Bolt 3/8 UNC x 1 GR. 8	2
37	KD90002	Belt - Cross Conveyor	1
38	H301093	Rear Guard	1
39	H101327	Slider 14 in. Lg.	1
40	H101328	Slider 32 in. Lg.	1
41	H101312	Nut Bar Slider	6
42	F010504	Bolt 5/16 UNC x 1/2	6
43	F320500	Washer 5/16	6
44	F040606	Bolt 3/8 UNC x 3/4	6
45	F330600	Washer 3/8 SAE	6
46	F310600	Lockwasher 3/8	6
47	H301094	Cross Conveyor Extension	1
48	F040506	Bolt 5/16 UNC x 3/4	4



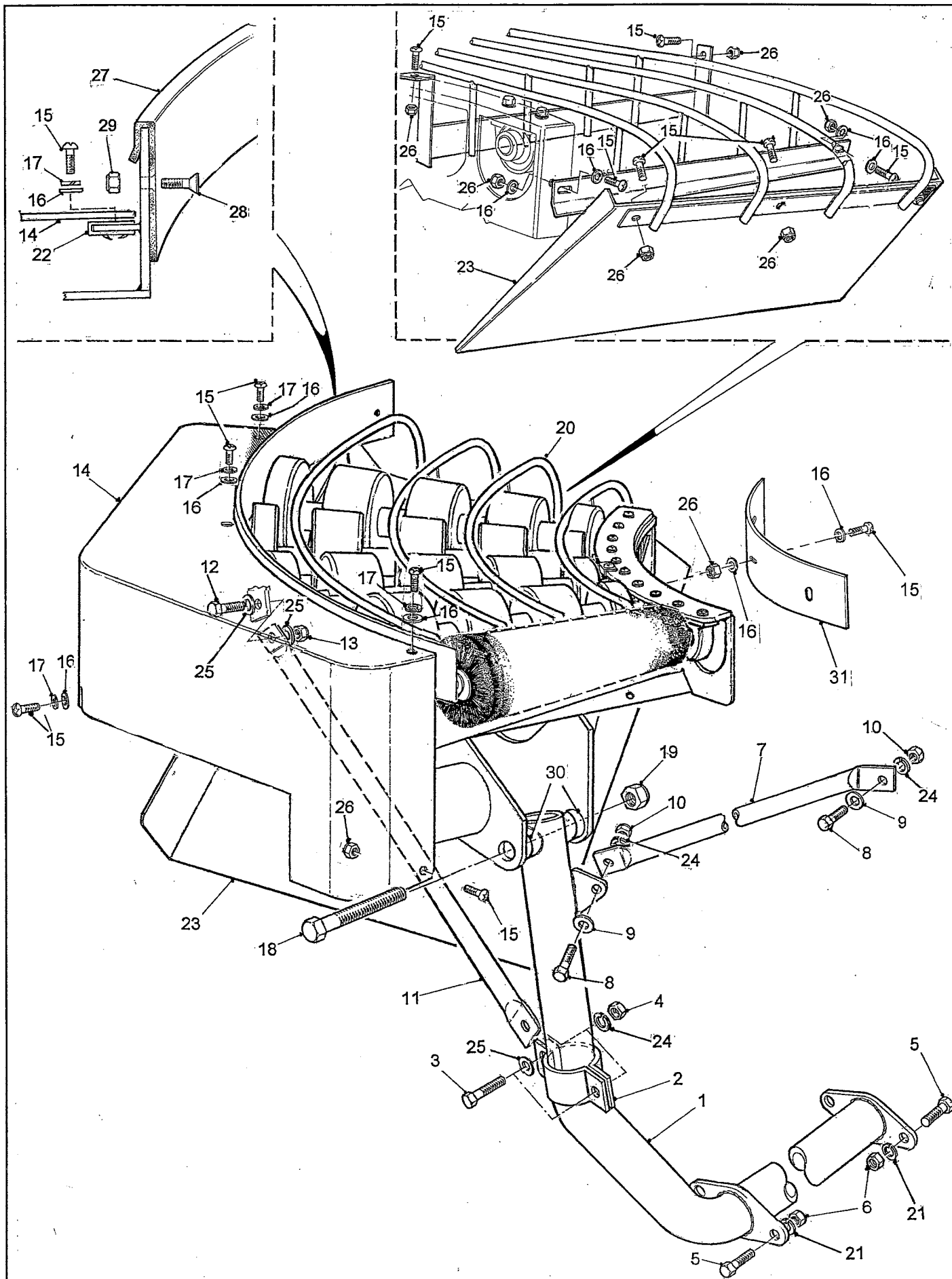
NO. ITEM	PART NO.	DESCRIPTION	QTY
		CROSS CONVEYOR. MK2	
49	F320500	Washer 5/16	8
50	F310500	Lockwasher 5/16	4
51	F230500	Nut 5/16 UNC	4
52	H101227	Front Guard	1
53	F040510	Bolt 5/16 UNC x 1/2	2
54	F330500	Washer 5/16 SAE	2
55	F310500	Lockwasher 5/16	2



ITEM NO.	PART NO.	DESCRIPTION	QTY
CROSS CONVEYOR STAND MK2			
1	H301090	Base- Cross Conveyor	1
2	H101259	Spacer Tube	2
3	F041680	Bolt 1 UNC x 8 Gr 8	1
4	F311600	Lockwasher 1	1
5	F231600	Nut 1 UNC	1
6	H101109	Strut Tube 16 / 18 in.	1
	H101335	Support Strut 24in.	1
7	H101108	Spacer Tube. Cross Conveyor	2
8	F040880	Bolt 1/2 UNC x 8 Gr 8	1
9	F310800	Lockwasher 1/2	1
10	F230800	Nut 1/2 UNC	1
11	H101136	Clamp - Pitch Adjustment	2
12	F040614	Bolt 3/8 UNC x 1 1/2 Gr 8	2
13	F310600	Lockwasher 3/8	2
14	F330608	Washer 3/8 Gr 8	2
15	F230600	Nut 3/8 UNC	2
16	H301026	Stand -Cross Conveyor 16 / 18 in.	1
	H301096	Stand -Cross Conveyor 24 in.	1
17	F040814	Bolt 1/2 UNC x 1 1/2	4
18	F310800	Lockwasher 1/2	4
19	F230800	Nut 1/2 UNC	4



ITEM NO.	PART NO.	DESCRIPTION	QTY
CURVED CONVEYOR - DRIVE, ROLLERS, PULLEYS & BRUSH			
1	H101142	Roller Shaft - 16 inch	4
	H101663	Roller Shaft - 24 inch	4
2	F920314	Key - Roller Shaft 3/16 x 3/16 x 1 1/2	4
3	F271450	Locknut - Rollers to Shaft 7/8 UNF	8
4	H101143	Conveyor Roller 3.68 in. Dia.	4
5	H101144	Conveyor Roller 4.31 in. Dia.	4
6	H101145	Conveyor Roller 4.93 in. Dia.	4
7	H101146	Conveyor Roller 5.56 in. Dia.	4
8	H101147	Conveyor Roller 6.00 in. Dia.	4
9	H101148	Spacer - Rollers	16
10	KB30012	Pillow Block Bearing (metric bolt required.)	10
11	H101666	Conveyor Roller 7.19 in. Dia. - 24 inch	4
12	F360600	Lockwasher 3/8 S.S.	20
13	G0710020	Bolt 10 - 1.5 x 20 (Metric) Soc. Hd. SS.	20
14	KD11044	Pressed Steel Sheave 0.75 in. Bore	5
15	KD61105	"V" Belt	1
16	M500002	Idler Pulley	4
17	F040834	Bolt 1/2 x 3 1/2 UNC. GR.8	4
18	F210800	Locknut 1/2 UNC	4
19	H101176	Idler Sheave. See Note	1
20	H101256	Washer - Retainer	1
21	F040410	Bolt 1/4 UNC x 1 GR. 8	1
22	KD71606	Sprocket - 16 T. 0.75 in. Bore (Standard)	1
	KD71406	Sprocket - 14 T. 0.75 in. Bore (High speed)	1
	KD71806	Sprocket - 18 T. 0.75 in. Bore (Low speed)	1
23	KD71810	Sprocket - 18 T. 1.00 in. Bore (KD71610. 16T. Option)	1
24	H101286	Chain, Curved Conveyor Drive, #40	1
25	KD71000	Chain Connector Link #40	1
26	KH30007	Conveyor Motor	1
	KH70054	Seal Kit. Conveyor Motor	1
27	F923326	Key - Motor Shaft 3/16 x 3/16 x 2 3/4 lg.	1
29	F920314	Key - Brush Shaft 3/16 x 3/16 x 1 1/2	1
31	H301061	Conveyor Frame - 16 inch	1
	H301208	Conveyor Frame - 24 inch	1
32	H301066	Guide Rods - 16 inch	1
	H301209	Guide Rods - 24 inch	1
33	F040610	Bolt 3/8 UNC x 1 GR. 8	1
34	F330608	Washer 3/8 SAE. GR. 8	4
35	KB16204	Bearing - Idler Sheave	} See Note
36	F815187	Retaining Ring - Idler Sheave	
37	F310408	Lockwasher 1/4	3
38	H101226	Scraper - Conveyor Roller - 16 inch	4
	H101682	Scraper - Conveyor Roller - 24 inch	4
39	F040406	Bolt 1/4 UNC x 3/4 GR. 8	10
40	F210408	Locknut 1/4 UNC	10
41	F320408	Washer 1/4	18
42	H301095	Coiled Brush Assy. -16 inch	1
	H301207	Coiled Brush Assy. - 24 inch	1
43	H101664	Conveyor Roller 6.19 in. Dia. - 24 inch	4
44	H101665	Conveyor Roller 6.75 in. Dia. - 24 inch	4



ITEM NO.	PART NO.	DESCRIPTION	QTY
		CURVED CONVEYOR SUPPORT, GUARD & CHUTE	
1	H301063	Conveyor Stand	1
2	H101136	Pitch Adjust Clamp	2
3	F040612	Bolt 3/8 unc x 1 1/4 Gr. 8	2
4	F230608	Nut 3/8 unc	2
5	F040814	Bolt 1/2 unc x 1 1/2 Gr. 8	4
6	F230808	Nut 1/2 unc	4
7	H101211	Curved Conveyor Support Strut #2 - 16 inch	1
	H101685	Curved Conveyor Support Strut #3 - 24 inch	1
8	F040610	Bolt 3/8 unc x 1 Gr. 8	2
9	F320608	Washer 3/8	2
10	F230608	Nut 3/8 unc	2
11	H101210	Curved Conveyor Support Strut #1 - 16 inch	1
	H101735	Curved Conveyor Support Strut #1 - 24 inch	1
12	F040612	Bolt 3/8 unc x 1 1/4 Gr. 8	1
13	F210608	Locknut 3/8 unc	1
14	H301064	Guard - Conveyor - 16 inch	1
	H301210	Guard - Conveyor - 24 inch	1
15	F580506	Bolt 5/16 unc x 3/4 Pan Hd. Phil. S.S.	12
16	F320508	Washer 5/16	10
17	F310508	Lockwasher 5/16	4
18	F041080	Bolt 1 unc x 8 - Gr. 8	1
19	F231608	Locknut 1 In.	1
20	H301066	Support Rails Ass'y - 16 inch	1
	H301209	Support Rails Ass'y - 24 inch	1
21	F310808	Lockwasher 1/2	4
22	F240500	Clipnut 5/16	4
23	H101224	Chute - 16 inch	1
23	H101681	Chute - 24 inch	1
24	F310608	Lockwasher 3/8	4
25	F320608	Washer 3/8	4
26	F210508	Locknut 5/16 unc	10
27	H101287	Sod Guide (Nylon) - 16 inch	1
	H101687	Sod Guide (Nylon) - 24 inch	1
28	F610404	Screw 1/4 unc x 1/2 Flat Hd. Phil. SS.	2
29	F210408	Locknut 1/4 unc	2
30	H101259	Spacer Tube	2
31	H101693	Inner Guard. Curved Conveyor	1

ITEM NO.	PART NO.	DESCRIPTION	QTY
HARVESTER CONVEYOR LIFT ARM, LATCH & LIFT CYLINDER & (2150 & 2200 LIFT ARM)			
1	H310013	Mid-Frame N.H.	1
	H310089	Mid-Frame J.D. - Non Current up to Serial No. 398	1
	H310257	Mid-Frame J.D. - Current from Serial No. 399	1
2	H300023	Lift Arm 16 in.& 18 in. - Obsolete from Serial No. 388 - See Note 1	1
3	H300041	Lift Arm 24 in. - Obsolete from Serial No. 388 - See Note 1	1
4	H300173	Pivot Pin	1
5	F040512	Bolt 5/16 UNC x 1 1/4 GR. 8	1
6	F320500	Washer 5/16	1
7	KM11400	Grease Fitting 1/4 - 28 Straight	1
8	T300040	Pivot Pin	1
9	F210500	Locknut 5/16	2
10	H300040	Lift Arm Latch - Non Current	1
11	H310046	Foot Pedal - Latch Release	1
12	F040620	Bolt 3/8 UNC x 2 GR. 8	1
13	F320600	Washer 3/8	2
14	H500208	Head Lift Cylinder. Ass'y.	1
	KH31005	Head Lift Cylinder	1
15	KH70038	Seal Kit - Lift Arm Cylinder	1
16	P100061	Hinge Pin	1
17	KX30319	Lynch Pin 3/16 x 1 9/16	4
18	H110212	Stroke Limiter - Lift Cylinder	1
	F660603	Set Screw. 3/8 unc x 3/8 Soc. Cup Pt.	1
19	KC01006	Screw Pin Anchor Shackle 3/8	4
20	H100296	Chain - Head Lift - Non Current up to Serial No. 388	2
21	H110601	Spacer 1/2 Lg.	1
22	H100503	Lower pin - Lift Cylinder	1
23	F211600	Locknut 1 unc	1
24	H100529	Chain - Head Lift. New Holland 2150 & 2200 2WD & 4WD	2
	H100623	Chain - Head Lift. John Deere 2150 & 2200 2WD	2
	H100624	Chain - Head Lift. John Deere 2200 4WD	2
25	H300105	Lift Arm 16 in. & 18 in - See Note 1	1
	H300106	Lift Arm 24 in. - See Note 1	1
26	KE80005	Limit Switch. Auto-Steer Shut Off	1
27	F700204	Screw. #10-24 x 1/2	2
28	F210200	Locknut #10	2
29	H111103	Mounting Bracket. Shut-Off Switch	1
30	F040404	Bolt 1/4 x 1/2 unc Gr.8	2
31	F310400	Lockwasher 1/4	2
32	F320400	Flatwasher 1/4	2
33	G0116040	Bolt - M16 x 1.5 x 40 (metric)	1
34	G0120040	Bolt - M20 x 2.5 x 40 (metric)	3
35	G0120070	Bolt - M20 x 2.5 x 70 (metric)	4
36	G311600	Lockwasher M16	1
37	G312000	Lockwasher M20	7
38	H310285	Cylinder Lock - See Note 3	1
39	KX06100	Support Pin c/w Hitch Pin	1

NOTE 1

For Harvesters up to Serial No. 431; Items 24, 38 & 39, must be ordered when ordering Item 25 - H300105 or H300106, to maintain correct lift of the Cutter Head and to replace the Lift Arm Latch - Item 10.

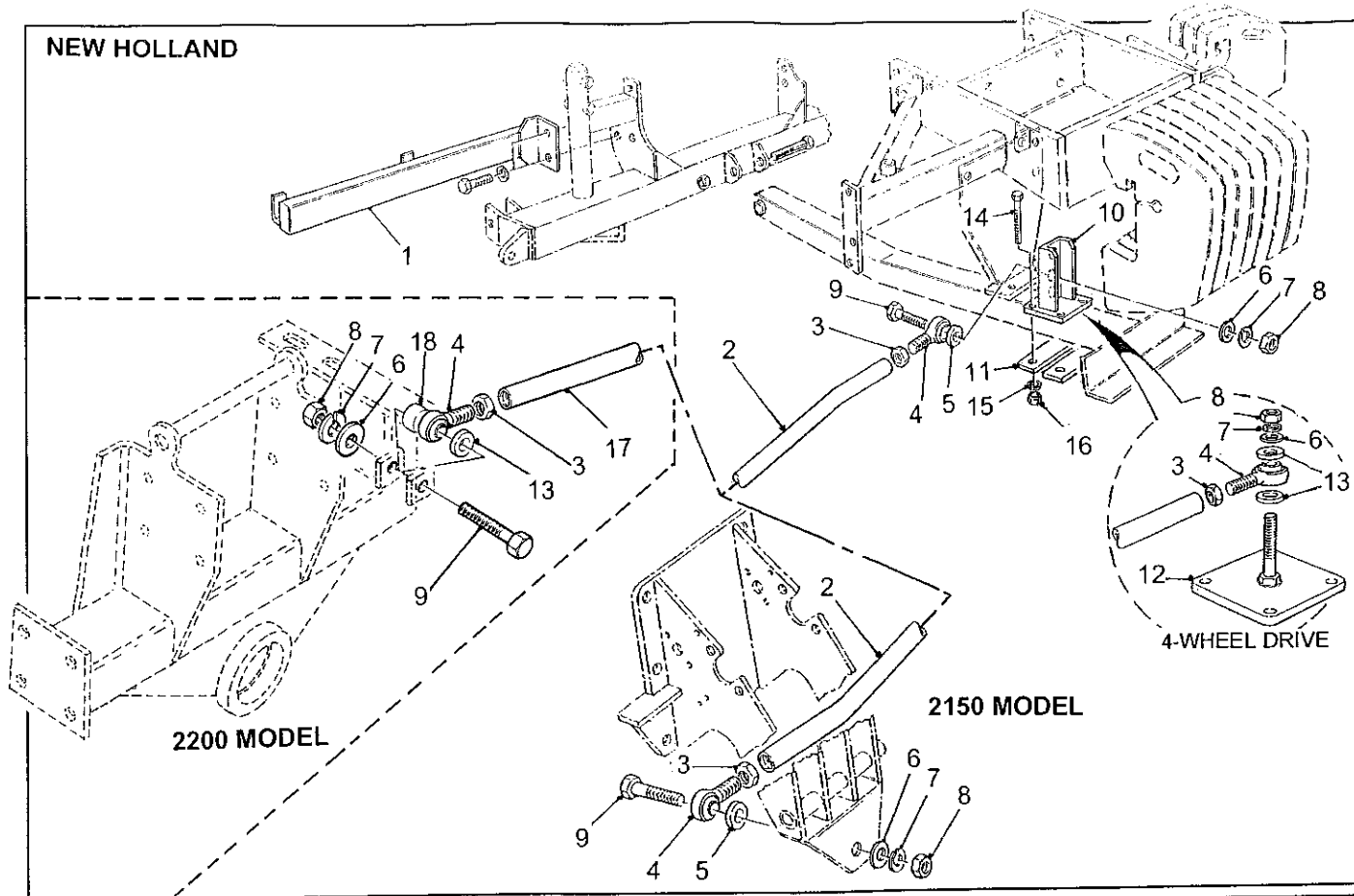
NOTE 2

Items 5, 6, 8, 10, 11, 12, 13 & 21 are Obsolete on all 2200 Models from Serial No. 418 and Serial No. 430 on all 2150 Models.

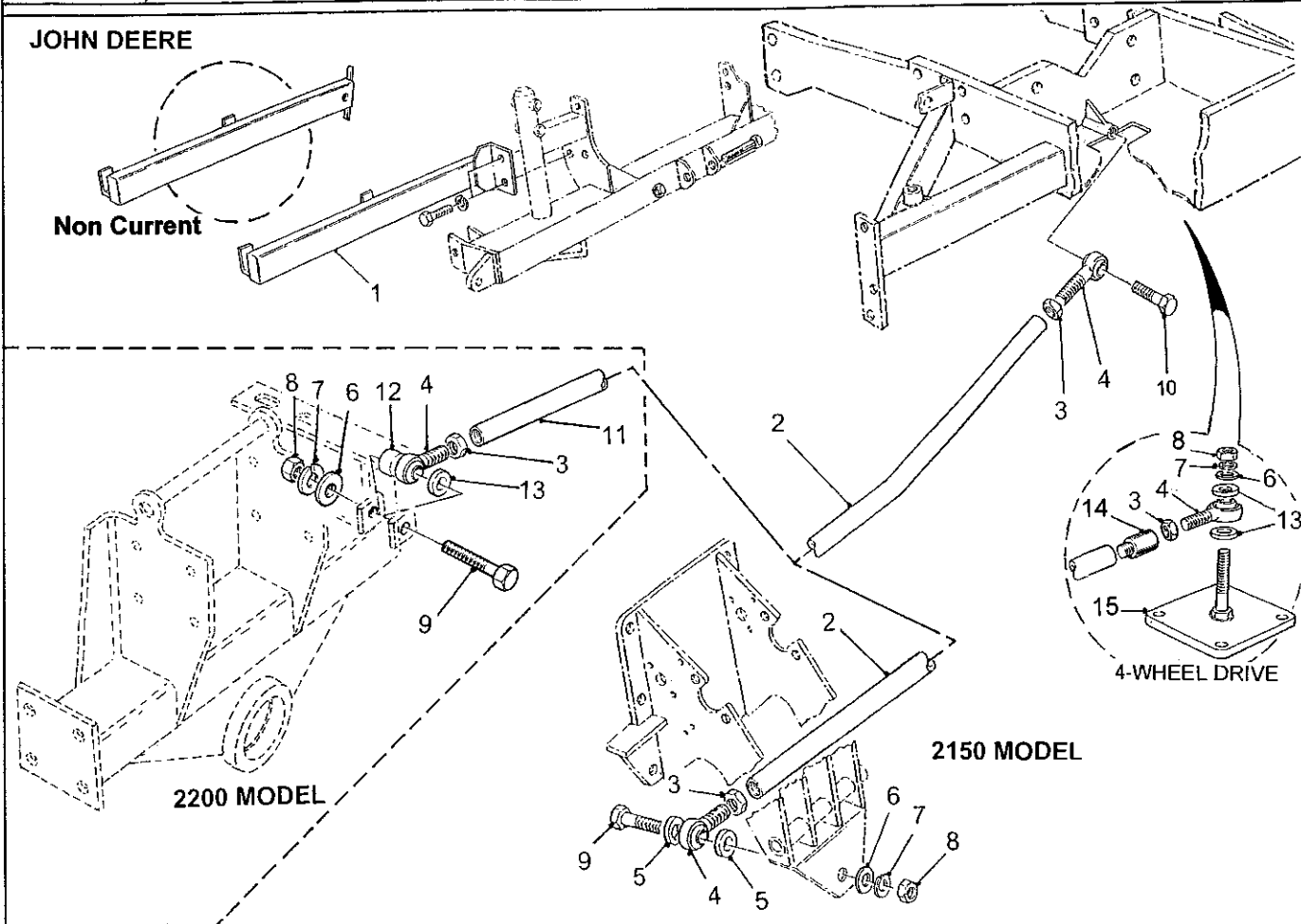
NOTE 3

Item 38 replaces the Lift Arm Latch on 2150 Model Harvesters from Serial No. 431. It replaces the Service Stand on 2200 Model Harvesters from Serial No. 444. See Page 49, Section 1 for the Service Stand.

NEW HOLLAND



JOHN DEERE



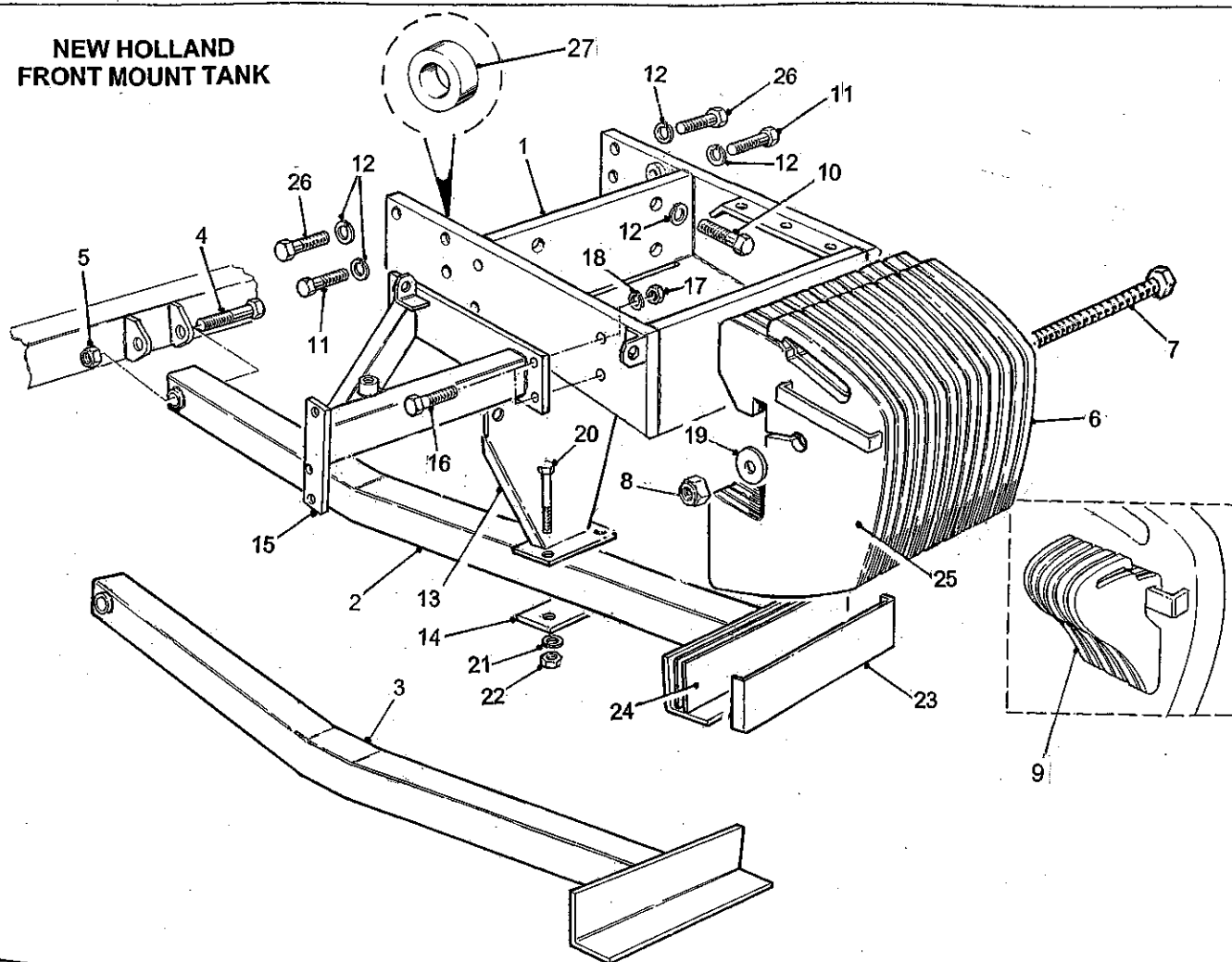
ITEM NO.	PART NO.	DESCRIPTION	QTY
TIE ROD & HOSE SUPPORT NEW HOLLAND			
1	H310128	Hose Support Beam Weldment N.H.	1
2	H100271	Front Tie Rod. 2150 (16 & 18 in.)	1
	H100230	Front Tie Rod. 2150 (24 in.)	1
3	F221250	Jam Nut 3/4 UNF	2
4	CM00121	Rod End - Male 3/4 UNF. R.H.	2
5	M100041	Spacer	2
6	F321200	Washer 3/4 UNC	2
7	F311200	Lockwasher 3/4	2
8	F231200	Nut 3/4 UNC	2
9	F041224	Bolt 3/4 UNC x 2 1/2 GR. 8	2
10	H310124	Mount - Front Tie Rod	1
11	H110728	Clamp Plate	1
12	H310132	Tie Rod Mount (4WD only)	1
13	H110623	Spacer - Ball End	3
14	F010644	Bolt 3/8 UNC x 4 1/2	4
15	F310600	Lockwasher 3/8	4
16	F230600	Nut 3/8 UNC	4
17	H100516	Front Tie Rod. 2200 (16, 18 & 24 in.)	1
18	H101591	Spacer. 2200 - Ball End	1

ITEM NO.	PART NO.	DESCRIPTION	QTY
TIE ROD & HOSE SUPPORT JOHN DEERE			
1	H310129	Hose Support Beam Weldment J.D. - Non Current up to Serial No. 398	1
	H310128	Hose Support Beam Weldment J.D. - Current from Serial No. 399	1
2	H100295	Front Tie Rod. 2150 (16 & 18 in.) - Non Current up to Serial No. 398	1
	H111164	Front Tie Rod. 2150 (16 & 18 in.) - Current from Serial No. 399	1
	H100346	Front Tie Rod. 2150 (24 in.) - Non Current up to Serial No. 398	1
	H111165	Front Tie Rod. 2150 (24 in.) - Current from Serial No. 399	1
3	F221250	Jam Nut 3/4 UNF	2
4	CM00121	Rod End - Male 3/4 UNF. R.H.	2
5	M100041	Spacer	2
6	F321200	Washer 3/4	2
7	F311200	Lockwasher 3/4	2
8	F231200	Nut 3/4 UNC	2
9	F041224	Bolt 3/4 UNC x 2 1/2 GR. 8	2
10	F071220	Bolt 3/4 UNF x 2	1
11	H100517	Front Tie Rod. 2200 (16, 18 & 24 in.) 2WD	1
	H100516	Front Tie Rod. 2200 (16, 18 & 24 in.) 4WD	1
12	H101591	Spacer. 2200 - Ball End	1
13	H110623	Spacer - Ball End	1
14	H111239	Extension. Tie Rod (4WD only)	1
15	H310132	Tie Rod Mount (4WD only)	1

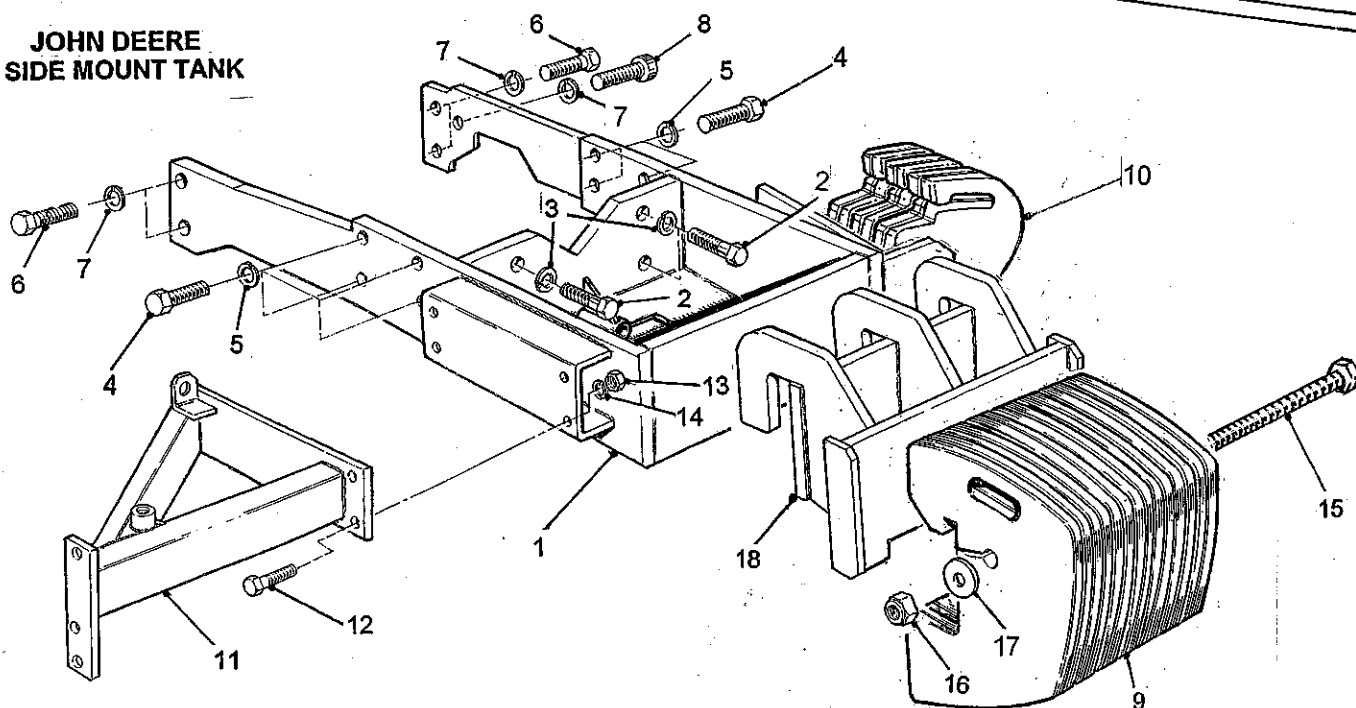
NOTE

For the mounting hardware for item 15 - Tie Rod Mount (4WD) see the New Holland parts list above.

NEW HOLLAND FRONT MOUNT TANK



JOHN DEERE SIDE MOUNT TANK



ITEM NO.	PART NO.	DESCRIPTION	QTY
PRIMARY & HALF WEIGHT MOUNTING - NEW HOLLAND			
1	H310141	Weight Bracket - New Holland	1
2	H310079	Compression Beam - New Holland 2WD. Up to Serial No. 711	1
	H310313	Compression Beam - New Holland 2WD. From Serial No. 712	1
3	H310106	Compression Beam - New Holland 4WD. Up to Serial No. 711	1
	H310314	Compression Beam - New Holland 4WD. From Serial No. 712	1
4	F041250	Bolt 3/4 UNC x 5 GR. 8	1
5	F211200	Locknut 3/4 UNC	1
6	H110214	Primary Weight (14 Std.)	A/R
7	H310109	Clamping Bolt	1
8	F211200	Locknut 3/4 UNC	1
9	H100384	Head Weight	6
10	G0420055	Bolt M20-55	4
11	G0820090	Bolt M20-90	2
12	G312000	Lockwasher - M20	12
13	H310126	Support Bracket - Compression Beam	1
14	H110728	Clamp Plate	1
15	H310134	Spring Column Mount - Auto-Steer	1
16	F040820	Bolt 1/2 UNC x 2 GR. 8	4
17	F230800	Nut 1/2 UNC	4
18	F310800	Lockwasher 1/2	4
19	F321200	Washer 3/4	1
20	F010644	Bolt 3/8 UNC x 4 1/2	2
21	F310600	Lockwasher 3/8	2
22	F230600	Nut 3/8 UNC	2
23	H110751	Top Shim - Primary Weight	1
24	H110752	Shim - Primary Weight	A/R
25	H310167	Primary Weight with Bracket	1
26	G0820070	Bolt M20-70	6
27	H110108	Spacer Tube	A/R
28	H500334	Head Weight Clamp Assembly	1

NOTE

Item 28. Head Weight Clamp Assembly - H500334 contains:
H300239 - Tie Rod
H300240 - Wing Nut
H100634 - Washer

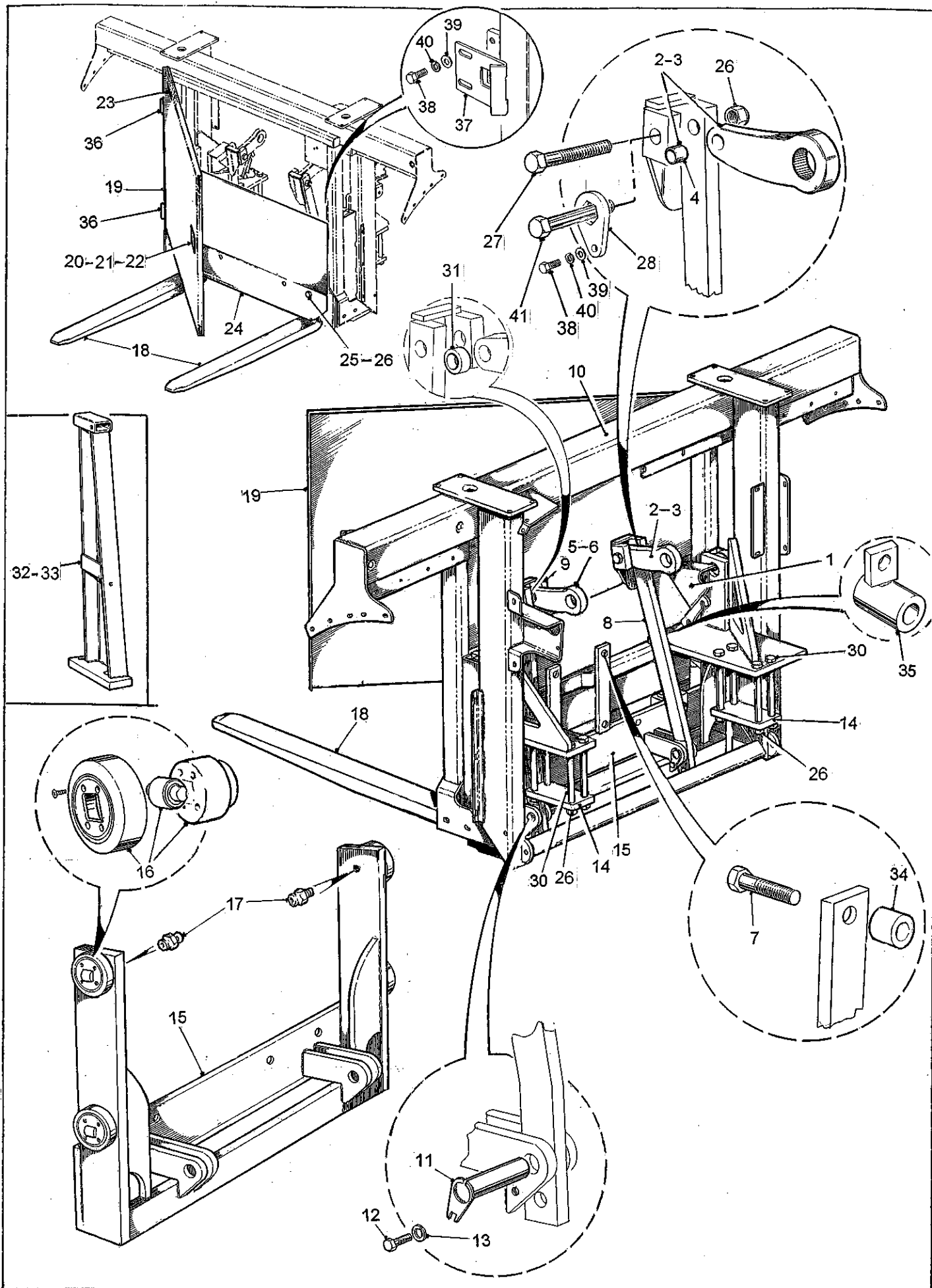
PRIMARY & HALF WEIGHT MOUNTING			
JOHN DEERE. SIDE MOUNT TANK - NON CURRENT FROM SERIAL NO. 322			
1	H310096	Weight Mount - John Deere	1
2	F041224	Bolt 3/4 UNC x 2 1/2 GR 8	4
3	F311200	Lockwasher 3/4	4
4	F041022	Bolt 5/8 UNC x 2 GR 8	8
5	F311000	Lockwasher 5/8	8
6	G0416055	Bolt M16-55	4
7	G3116000	Lockwasher	5
8	G0116065	Bolt - M16 x 2.0 x 65 Allen Hd	1
9	H110214	Primary Weight (14 Std.)	A/R
10	H100384	Head Weight	6
11	H310134	Spring Column Mount - Auto-Steer	1
12	F040814	Bolt 1/2 UNC x 1 1/2 GR. 8	4
13	F230800	Nut 1/2 UNC	4
14	F310800	Lockwasher	4
15	H310109	Clamping Bolt	1
16	F211200	Locknut 3/4 UNC	1
17	F321200	Washer 3/4	1
18	H310121	Weight Bracket Extension	1
19	H500334	Head Weight Clamp Assembly	1

NOTE

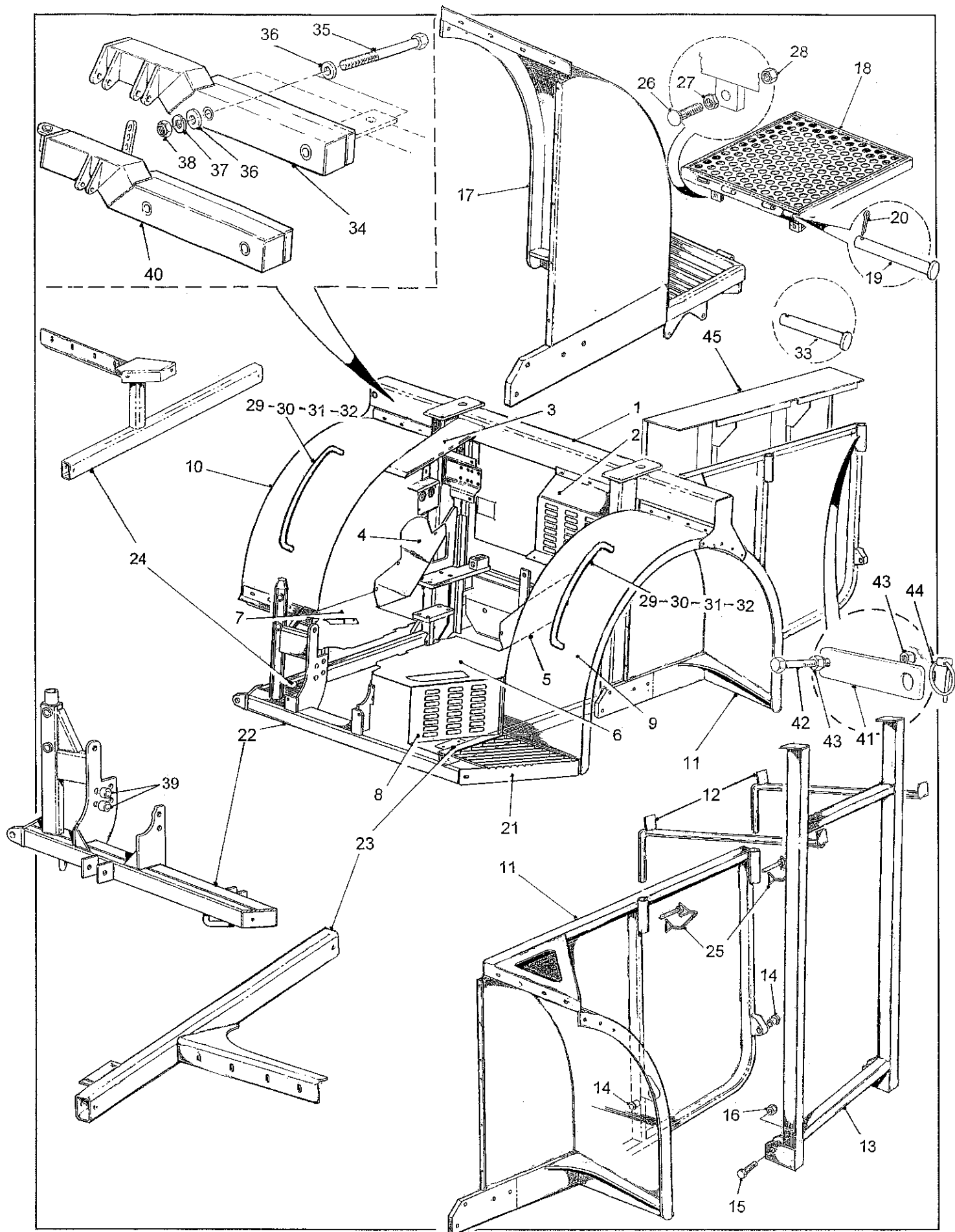
See Page 57 for - John Deere Front Mount Hydraulic Tank.

NOTE

Item 19. Head Weight Clamp Assembly - H500334 contains:
H300239 - Tie Rod
H300240 - Wing Nut
H100634 - Washer



ITEM NO.	PART NO.	DESCRIPTION	QTY
		HARVESTER MOUNTING FRAME	
1	H110306	Fuel Filler Guide Bracket - N.H. Only	1
2	H510001	Lift Arm Ass'y L.H. - N.H. (Incl. Item 4)	1
3	H510033	Lift Arm Ass'y. L.H. - J.D. (Incl. Item 4)	1
4	KB11214	Igus Bearing 0.815 OD. X 0.75 ID. X 1.0 Lg.	1
5	H510002	Lift Arm Ass'y. R.H. - N.H. (Incl. Item 4)	1
6	H510034	Lift Arm Ass'y. R.H. - J.D. (Incl. Item 4)	1
7	G0116040	Bolt M16 x 1.5 x 40 (J.D.Only)	4
8	H310003	Lift Link L.H. - N.H.	1
9	H310004	Lift Link R.H. - N.H.	1
	H110476	Lift Link R.H. - J.D.	2
	H310243	Lift Link L.H. - J.D. - Non Current from Serial No. 276 to 398	1
	H310269	Lift Link L.H. - J.D. - Current from Serial No. 398	1
10	H310009	Rear Frame - Tractor Mount - N.H.	1
	H310117	Rear Frame - Tractor Mount - J.D. - Non Current from Serial No. 398	1
	H310265	Rear Frame - Tractor Mount - J.D. - Current from Serial No. 399	1
11	T300149	Pivot Pin	2
12	F040506	Bolt 5/16 UNC x 3/4 GR. 8	2
13	F310500	Lockwasher 5/16	2
14	H110040	Mounting Bar - Rear Beam - N.H.	2
	H110486	Mounting Bar - Rear Beam - J.D. - Current from Serial No. 727	2
15	H310008	Fork Frame - N.H.	1
	H310088	Fork Frame - J.D.	1
16	KB10001	Combination Bearing (If Required, Order Spigot KB10002)	4
17	KX90030	Grease Fitting (Metric)	4
18	H310005	Pallet Fork - Option H310107-46 in., H310108 - 48 in.	2
19	H310066	Rear Door	1
20	KX50001	Paddle Handle - Lockable	1
21	F540204	Screw #10-24 x 1/2 Pan Hd. Phil.	4
22	F210200	Locknut #10-24	4
23	D001-023	Decal - "Diesel Fuel Only"	1
24	H110087	Fork Shield. N.H.	1
	H510173	Fork Shield. J.D.	1
25	F040240	Bolt 3/4 UNC x 4 GR. 8	2
26	F211200	Locknut 3/4 UNC	12
27	F041250	Bolt 3/4 UNC x 5 GR. 8	2
28	H101063	Bolt Lock. L.H. Lift Link only. J.D. Current from Serial No. 399	1
29	KM99046	Washer - Brass	2
30	F041290	Bolt 3/4 UNC x 9 GR. 8 (Beam to Axle)	8
31	H111232	Pipe Spacer. R.H. Lift Link only (Brush Kit Option only)	1
32	H310118	Gas Tank Tower - L.H. - Non Current up to Serial No. 726	1
	H310083	Gas Tank Tower - L.H. - Current from Serial No. 727	1
33	H310119	Gas Tank Tower - R.H. - Non Current up to Serial No. 726	1
	H310084	Gas Tank Tower - R.H. - Current from Serial No. 727	1
34	H110535	Spacer - (J.D.) Non Current up to Serial No. 398 & Current from 727	1
	H111206	Spacer - J.D. - 5225. Current from Serial No. 399	1
35	H310138	Spacer - Drag Link Anchor (J.D. Only) Non Current up to Serial No. 398	1
	H310278	Spacer - Drag Link Anchor - J.D. - 5225. Current from Serial No. 399	1
	H310138	Spacer - Drag Link Anchor - J.D. - 5065. Current from Serial No. 727	1
36	KM99043	Weld-On Hinge	2
37	H110725	Door Latch	1
38	F010406	Bolt 1/4 UNC x 3/4	3
39	F320400	Washer 1/4	3
40	F310400	Lockwasher 1/4	3
41	H111189	Bolt. (Modified) L.H. Lift Link only. J.D. Current from Serial No. 399	1



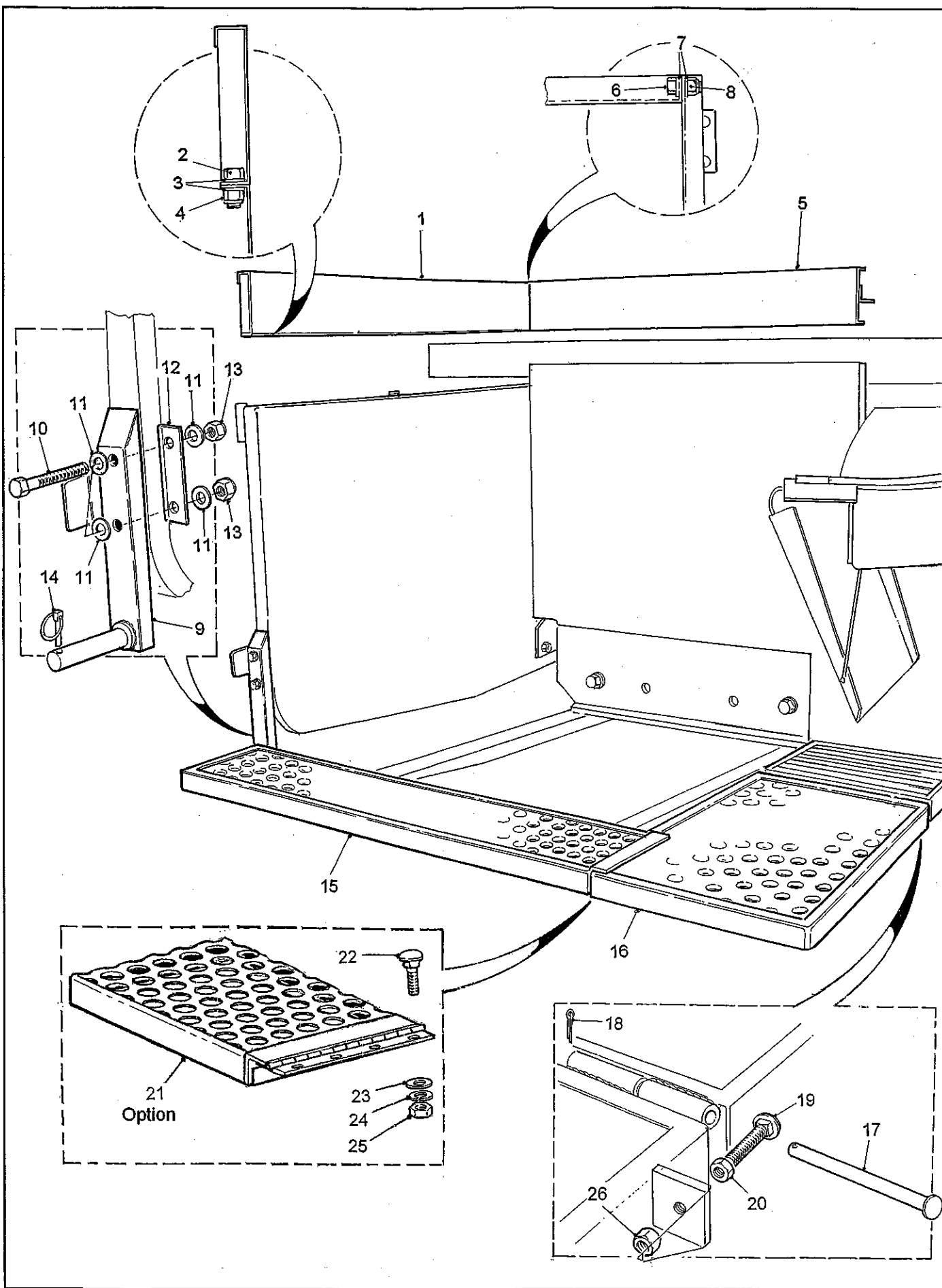
ITEM NO.	PART NO.	DESCRIPTION	QTY
PANELS & FENDERS			
1	H310009	Tractor Mount Rear Frame - N.H.	1
	H310117	Tractor Mount Rear Frame - J.D.	1
2	H110242	Operator Compartment Panel - Rear L.H. - N.H. See NOTE 1	1
3	H110309	Arm Rest	1
4	H110241	Tractor Panel - Seat R.H. - N.H.	1
	H110442	Tractor Panel - Seat R.H. - J.D.	1
5	H110240	Tractor Panel - Seat L.H. - N.H.	1
	H110443	Tractor Panel - Seat L.H. - J.D.	1
6	H110210	Floor Panel - L.H. Standard Transmission - N.H.	1
	H110211	Floor Panel - L.H. Power Shuttle Transmission - N.H.	1
	H110560	Floor Panel - L.H. - J.D.	1
7	H110209	Floor Panel - R.H. - N.H.	1
	H110561	Floor Panel - R.H. - J.D.	1
8	H110229	Step Panel - N.H.	1
	H110444	Step Panel - J.D.	1
9	H310068	Fender - Front - L.H. - N.H.	1
	H310085	Fender Front - L.H. - J.D.	1
10	H310069	Fender - Front - R.H. - N.H.	1
	H310086	Fender Front - R.H. - J.D.	1
11	H310049	Fender - Rear L.H.	1
12	H310041	Pallet Hanger	2
13	H310053	Pallet Platform (Accessory)	1
14	KB52418	Bushing	2
15	F041240	Bolt 3/4 UNC x 4 GR. 8	2
16	F211200	Locknut 3/4 UNC	2
17	H310067	Right Rear Fender w/Platform	1
18	H310018	Standing Platform, Hinged - (Roll - Up) Up to Serial No. 250)	1
19	H310148	Hinge Pin	2
20	F910514	Cotter Pin 5/32 x 1 1/2	2
21	H310030	Driver Step	1
22	H310013	Mid-Frame - N.H.	1
	H310089	Mid-Frame - J.D.	1
23	H310032	Side Beam - L.H.	1
24	H310031	Side Beam - R.H. - N.H.	1
	H310087	Side Beam - R.H. - J.D.	1
25	F910400	Safety Lock Pin	2
26	F020824	Carriage Bolt 1/2 UNC x 2 1/2	2
27	F220800	Jam Nut 1/2 UNC	2
28	F210800	Locknut 1/2 UNC	2
29	H310112	Grab Handle	2
30	G311000	Lockwasher M10	4
31	G0710025	Bolt M10 x 1.25 x 25	4
32	G321000	Washer M10	4
33	H310070	Hinge Pin - Non-Current	1
34	H301014	Beam Extension - 16 & 18 in. 2150 & 2200 Models	1
	H301047	Beam Extension - 24 in. 2150 Model	1
35	F0412120	Bolt 3/4 UNC x 12 GR. 8	2
36	F321200	Washer 3/4	4
37	F311200	Lockwasher 3/4	2
38	F231200	Nut 3/4 UNC	2
39	H110018	Spacer Tube	2
40	H301168	Beam Extension 24in. 2200 Model	1
41	H110332	Latch. Pallet Platform	1
42	F040522	Bolt 5/16 unc x 2 1/4 Gr.8	1
43	F210500	Locknut 5/16 unc	2
44	KX30020	Pin. Lynch 1/4	1
45	H310116	False Piling Wall - Special Order.	A/R

NOTE 1
When ordering item 2 with a False Piling Wall use part number - H110755.

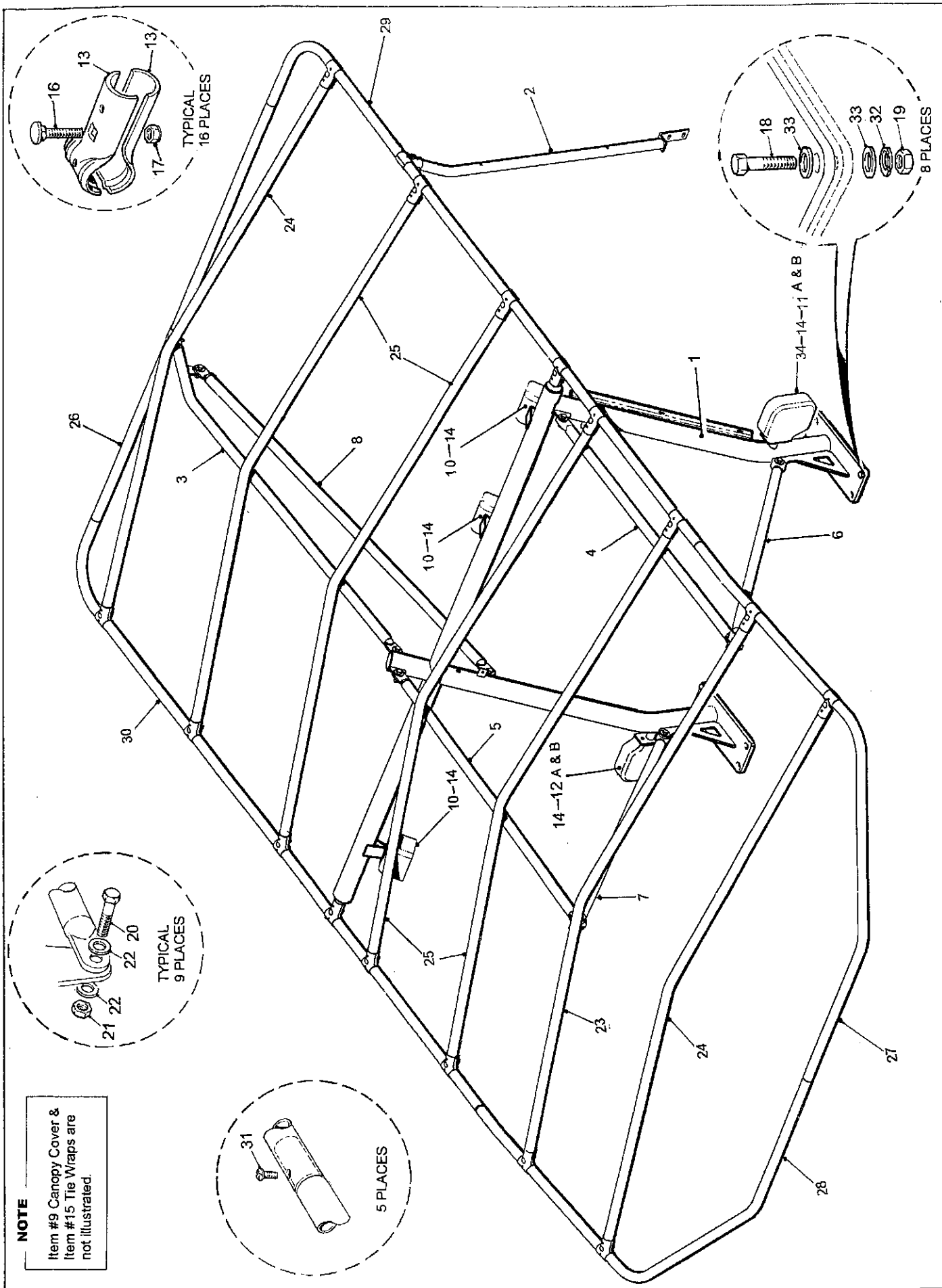
NOTE
All John Deere part numbers are Non Current up to Serial No. 398. See page 48 for John Deere part numbers from Serial No. 399 onward.

NOTE
See Page 41 for revised Standing Platform - Serial No. 251 onward.

NOTE
Unless otherwise noted, parts are common to John Deere & New Holland



ITEM NO.	PART NO.	DESCRIPTION	QTY
PILING WALL EXTENSIONS & REAR STANDING PLATFORMS			
1	H310093	Piling Wall - Side Extension	1
	H310252	Piling Wall - Side Extension. Tall	1
2	F040616	Bolt 3/8 UNC x 1 3/4 GR. 8	3
3	F320600	Washer 3/8	6
4	F210600	Locknut 3/8 UNC	3
5	H310092	Piling Wall - Front Extension	1
	H310251	Piling Wall - Front Extension. Tall	1
6	F040604	Bolt 3/8 UNC x 1/2 GR. 8	2
7	F320600	Washer 3/8	4
8	F210600	Locknut 3/8 UNC	2
9	H310098	Pivot Bracket - Rear Platform	1
10	F040640	Bolt 3/8 UNC x 4 GR. 8	2
11	F310600	Washer 3/8	4
12	H110536	Backing Plate	1
13	F210600	Locknut 3/8 UNC	2
14	KX30319	Lynch Pin 3/16 x 1 9/16	1
15	H310059	Rear Platform - Long	1
16	H310220	Standing Platform - Roll	1
	H310221	Standing Platform - Slab	1
17	H310122	Hinge Pin	2
18	F910514	Cotter Pin 5/32 x 1 1/2 Plated	2
19	F020824	Carriage Bolt 1/2 UNC x 2 1/2	2
20	F230800	Nut 1/2 UNC	2
21	H310137	Rear Platform - Short	1
22	F020612	Carriage Bolt 3/8 UNC x 1 1/4	4
23	F320600	Washer 3/8	4
24	F310600	Lockwasher 3/8	4
25	F230600	Nut 3/8 UNC	4

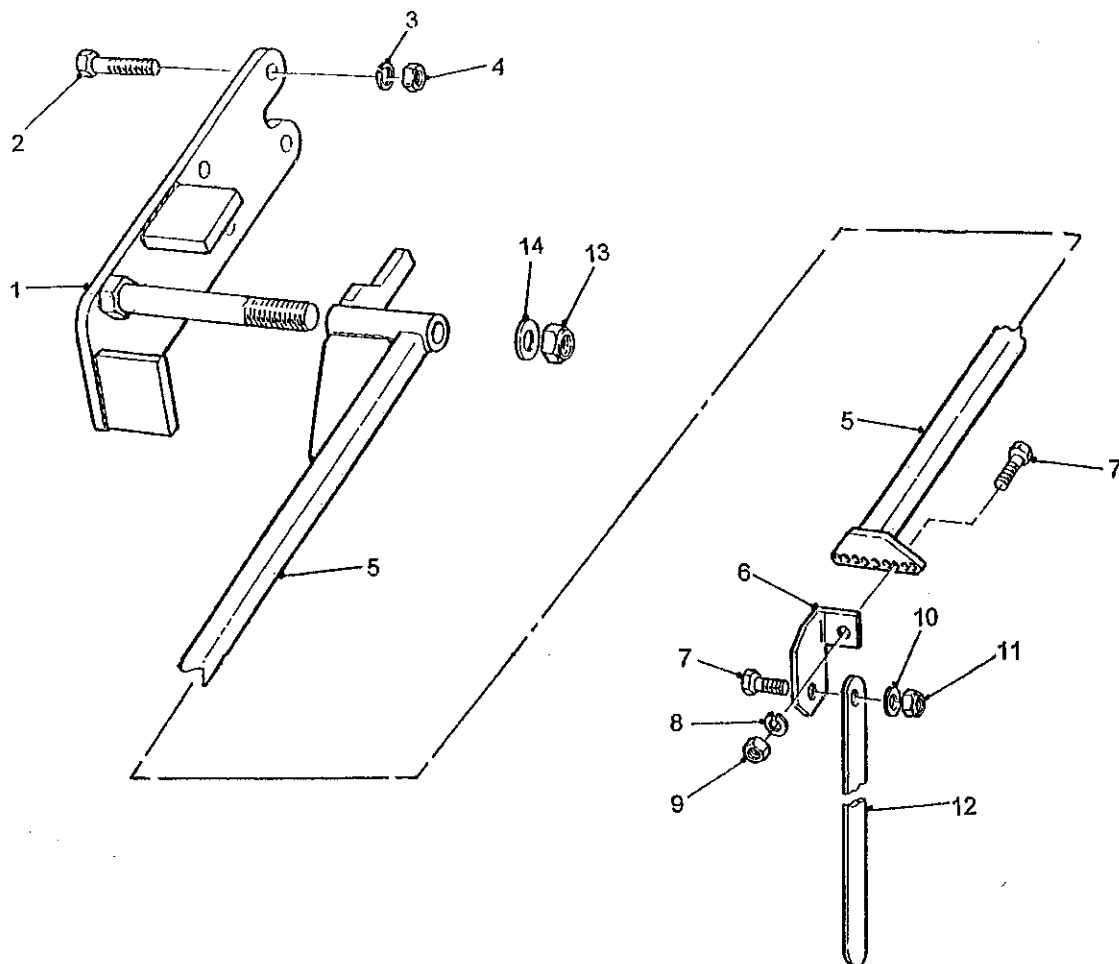


NOTE

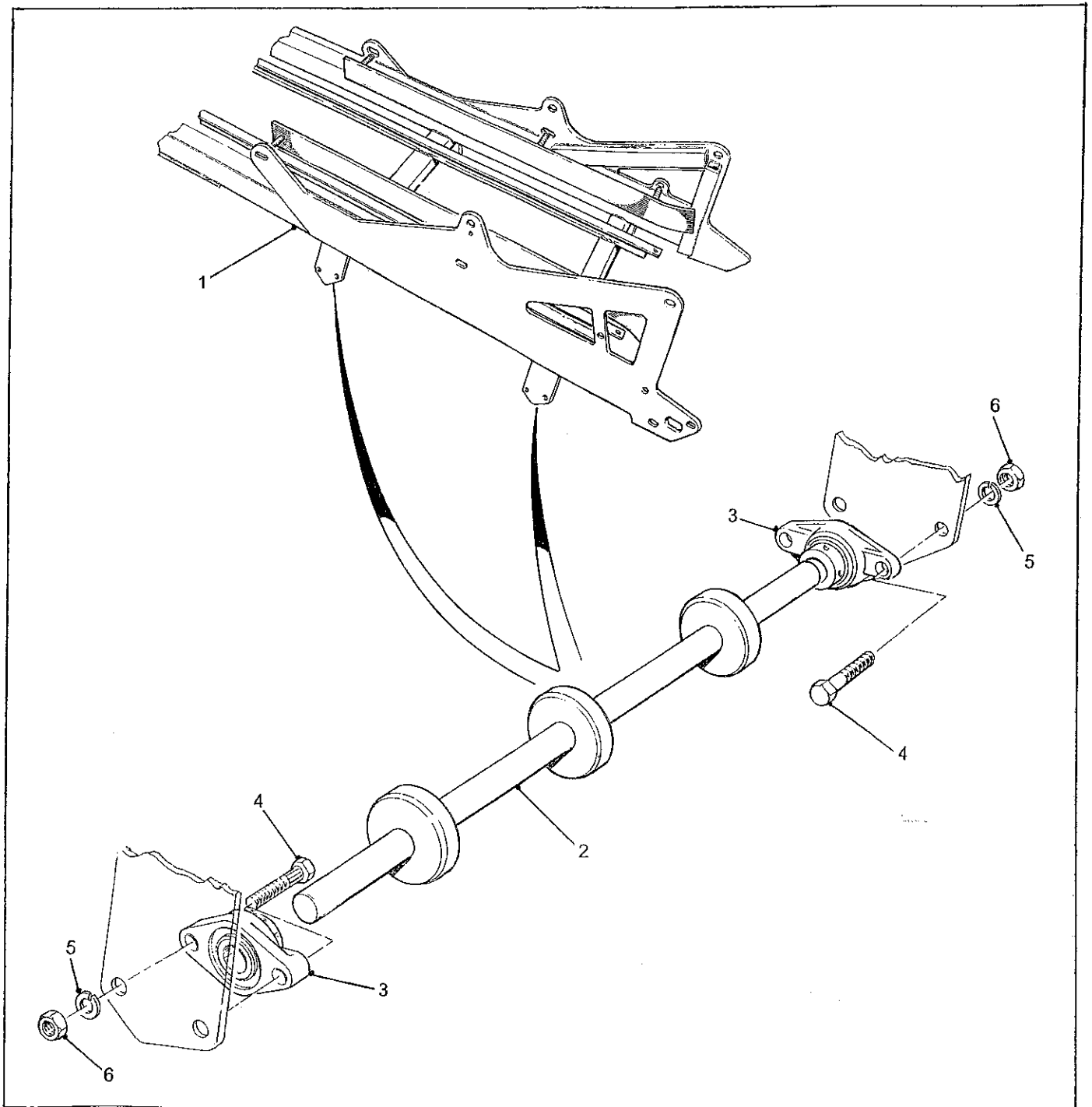
Item #9 Canopy Cover & Item #15 Tie Wraps are not illustrated.

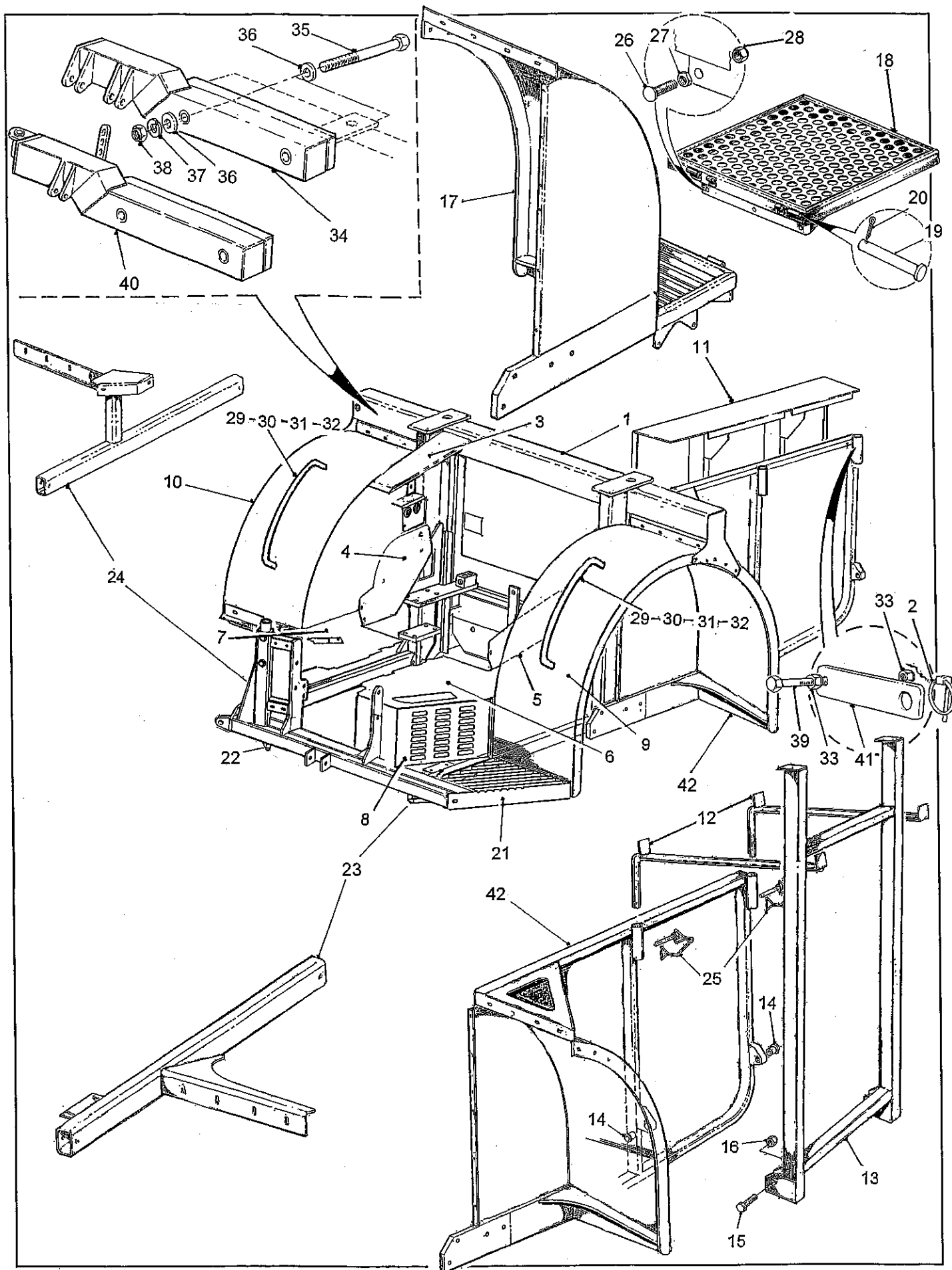
ITEM NO.	PART NO.	DESCRIPTION	QTY
CANOPY ASSEMBLY & LIGHTS (STANDARD)			
1	H310164	Canopy Support (B)	1
2	H310165	Canopy Support Vertical Post (Standard)	1
	H310181	Canopy Support Vertical Post (False Piling Wall)	1
	H310301	Canopy Support Vertical Post (False Piling Wall. Tall)	1
3	H310385	Rear Spreader - Current J.D 5065E & up (Lage Muffler)	1
	H310166	Rear Spreader (Standard) - Non Current	1
4	H110768	Top Front Spreader L.H. (B) - Blue Tape	1
5	H110769	Top Front Spreader R.H. (B) - Green Tape	1
6	H110770	Front Angled member L.H. (B) - Red Tape	1
7	H110771	Front Angled member R.H. (B) - White Tape	1
8	H110772	Rear Angled Member (B) - Black Tape	1
9	H110760	Canopy Cover (Green & Yellow)	1
	H111490	Canopy Cover (Red & Blue)	1
10	H510234	Work Light Assembly	3
	KE90038	LED Work Light - Current from Serial # 469	3
	KE90010	Work Light - Non Current	3
	KE90014	Bulb. Work Light - 12V-55W - Non Current	3
11A	KN00027	Signal Lens L.H. (New Holland)	1
12A	KN00028	Signal Lens R.H. (New Holland)	1
11B	KN02007	Signal Lens L.H. (John Deere)	1
12B	KN02008	Signal Lens R.H. (John Deere)	1
13	H110935	90° Brace Clamp (One Half)	30
14	H510236	Wiring Harness - Work Lights & Signal Lenses	1
15	KX99107	Tie Wraps (Attaching Canopy Cover)	35
16	F020516	Carriage Bolt - 5/16 UNC x 1 3/4	16
17	F210500	Nyloc Nut 5/16 UNC	16
18	F040820	Bolt - 1/2 UNC x 2.00 GR. 8	8
19	F230800	Hex Nut - 1/2 UNC	8
20	F040714	Bolt - 7/16 UNC x 1.5 GR.8	9
21	F220700	Jam Nut - 7/16 UNC	9
22	F320700	USS Washer - 7/16 (1.25 O.D. x 0.50 I.D.)	18
23	H310162	Canopy Frame Cross Brace	1
24	H110761	Canopy Frame Cross Brace Front & Rear	2
25	H110762	Canopy Frame Cross Brace	4
26	H110219	Frame - Rear Straight	1
27	H110220	Frame - Front Corner L.H.	1
28	H110221	Frame - Front Corner R.H.	1
29	H110723	Frame - Rear Corner L.H.	1
30	H110724	Frame - Rear Corner R.H.	1
31	F700204	Screw #10 Self Tap Pan Hd. Phil. St. Stl.	5
32	F310800	Lockwasher 1/2	8
33	F320800	Washer 1/2	16
34	G0108025	Bolt - M8 x 1.25 x 25 (metric) (New Holland)	2
	G0108065	Bolt - M8 x 1.25 x 65 (metric) (John Deere)	2

ITEM NO.	PART NO.	DESCRIPTION	QTY
DRIVERS GUIDE (NON AUTO-STEER)			
1	H300066	Mounting Plate	1
2	F040614	Bolt 3/8 UNC x 1 1/2 GR 8	4
3	F310600	Lockwasher 3/8	4
4	F230600	Nut 3/8 UNC	4
5	H300067	Indicator Support	1
6	H100291	Angle Clip	1
7	F040406	Bolt 1/4 UNC x 3/4 GR 8	2
8	F310400	Lockwasher 1/4	1
9	F230400	Nut 1/4 UNC	1
10	F320400	Washer 1/4	1
11	F210400	Locknut 1/4 UNC	1
12	H100292	Pointer	1
13	F211200	Locknut 3/4 UNC	1
14	F321200	Washer 3/4	1



ITEM NO.	PART NO.	DESCRIPTION	QTY
		FRONT IDLER ROLLERS. 24IN. RUBBER MAT (From serial number 239)	
1	H301150	Conveyor Frame. 24in. Rubber Mat. (See page 7 for rear idler)	2
2	H301117	Roller Idler Shaft 24in.	2
3	KB32012	Flanged Bearing	2
4	F040714	Bolt 7/16 unc x 1 1/2 Gr.8	4
5	F310700	Lockwasher 7/16	4
6	F230700	Nut 7/16 unc	4

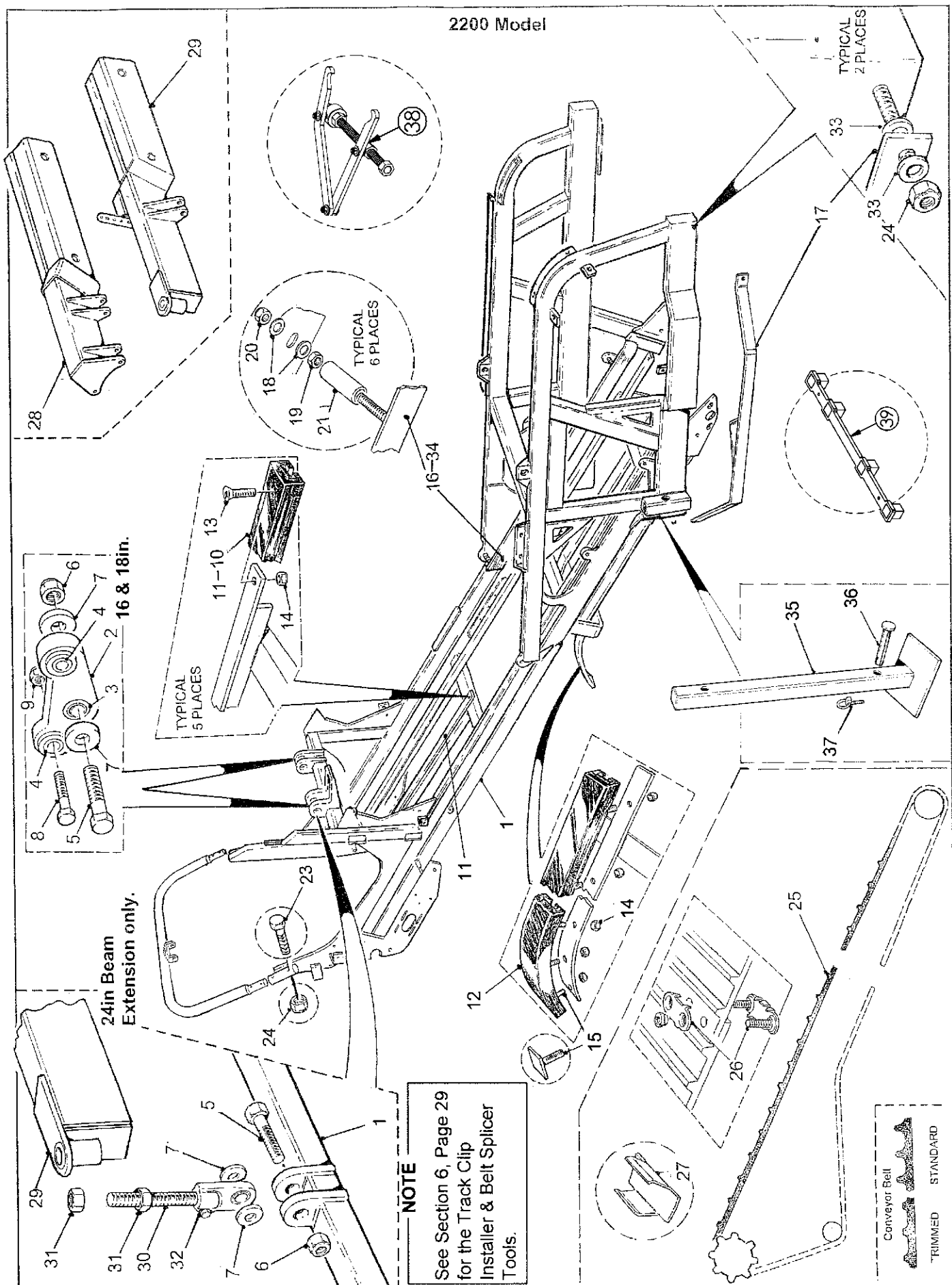




ITEM NO.	PART NO.	DESCRIPTION	QTY
PANELS AND FENDERS John Deere - 5225 & 5065. Current from Serial No. 399			
1	H310265	Tractor Mount Rear Frame	1
2	KX30020	Pin. Lynch 1/4	1
3	H110309	Arm Rest	1
4	H111158	Tractor Panel - Seat R.H.	1
5	H111159	Tractor Panel - Seat L.H. - Non Current up to Serial No. 726	1
	H110443	Tractor Panel - Seat L.H. - Current from Serial No. 727	1
6	H111149	Floor Panel - L.H. - Non Current up to Serial No. 726	1
	H111384	Floor Panel - L.H. - Current from Serial No. 727	1
7	H111150	Floor Panel - R.H. - Non Current up to Serial No. 726	1
	H111385	Floor Panel - R.H. - Current from Serial No. 727	1
8	H111161	Step Panel - Non Current up to Serial No. 726	1
	H110444	Step Panel - Current from Serial No. 727	1
9	H310267	Fender Front - L.H.	1
10	H310268	Fender Front - R.H.	1
11	H310116	False Piling Wall	A/R
12	H310041	Pallet Hanger	2
13	H310053	Pallet Platform (Accessory)	1
14	KB52418	Bushing	2
15	F041240	Bolt 3/4 unc x 4 Gr.8	2
16	F211200	Locknut 3/4 unc	2
17	H310067	Right Rear Fender w/ Platform	1
18	H310220	Standing Platform. Hinged (Roll)	1
	H310221	Standing Platform. Hinged (Slab)	1
19	H310148	Hinge Pin	2
20	F910514	Cotter Pin 5/32 x 1 1/2	2
21	H310260	Driver Step	1
22	H310257	Mid-Frame - Non Current up to Serial No. 726	1
	H310089	Mid-Frame - Current from Serial No. 727	1
23	H310258	Side Beam - L.H.	1
24	H310259	Side Beam - R.H.	1
25	F910400	Safety Lock Pin	2
26	F020824	Carriage Bolt 1/2 unc x 2 1/2	2
27	F220800	Jam Nut 1/2 unc	2
28	F210800	Locknut 1/2 unc	2
29	H310112	Grab Handle	2
30	G311000	Lockwasher M10	4
31	G0710025	Bolt M10 x 1.25 x 25	4
32	G321000	Washer M10	4
33	F210500	Locknut 5/16 unc	2
34	H301014	Beam Extension - 16 & 18 in. 2150 & 2200 Models	1
	H301047	Beam Extension - 24 in. 2150 Model	1
35	F0412120	Bolt 3/4 unc x 12 Gr.8	2
36	F321200	Washer 3/4	4
37	F311200	Lockwasher 3/4	2
38	F231200	Nut 3/4 unc	2
39	F040522	Bolt 5/16 unc x 2 1/4 Gr.8	1
40	H301168	Beam Extension - 24 in 2200 Model	1
41	H110332	Latch. Pallet Platform	1
42	H310049	Fender Rear - L.H.	1

22-Jun-10

2200 Model



ITEM NO.	PART NO.	DESCRIPTION	QTY
		2200 CONVEYOR FRAME ASSEMBLY see page 1 for 2150 model	
1	H301152	Conveyor Frame 16 in. Roll-Up	1
	H301162	Conveyor Frame 18 in. Roll-Up	1
	H301164	Conveyor Frame 16 in. Slabbing	1
	H301165	Conveyor Frame 18 in. Slabbing	1
	H301163	Conveyor Frame 24 in. Roll-Up	1
2	H301013	Isolator Hanger	2
3	KB11016	Spherical Plain Bearing	2
4	KS50002	Isolator	4
5	F041644	Bolt 1 in. x 4 1/2 UNC GR. 8	2
6	F211600	Locknut 1 in.	2
7	H101170	Hanger Spacer	4
8	F041030	Bolt 5/8 UNC x 3 GR. 8	4
9	F211000	Locknut 5/8 UNC	4
10	H101094	Slider - Outer 92 in.	2
11	H101095	Slider - Inner 30.5 in	1
12	H101096	Slider - Return 45 in	2
13	F610406	Screw 1/4 UNC x 3/4. Fl. Hd. Phillips S.S.	3
14	F210400	Locknut 1/4 UNC	3
15	H301041	'T' Bolt	6
16	H301023	Sod Guide LH (16in. Only) - Non Current	1
	H301024	Sod Guide RH (16in. Only) - Non Current	1
17	H301158	Toe Guard	1
18	F330608	Washer 3/8 GR. 8	12
19	F230600	Nut 3/8 UNC	6
20	F210600	Locknut 3/8 UNC	6
21	H101246	Spacer - Sod Guide	6
22	H301044	Rear Handle 16 & 18 in.	1
	H301048	Rear Handle 24 in.	1
23	F040520	Bolt 5/16 UNC x 2.00 GR. 8	4
24	F210500	Locknut 5/16 UNC	6
25	H500100	Conveyor Mat 16 in. Std. Assy. - Non Current (See Pg. 67 for Current)	1
	H500096	Conveyor Mat 16 in. Trimmed. Assy. - Non Current (Current Pg. 67)	1
	H500324	Conveyor Mat 16 in. Aggressive. Assy. - Non Current (Current Pg. 67)	1
	R500429	Conveyor Mat 16 in. Std. Assy.	1
	H500101	Conveyor Mat 18 in. Std. Assy.	1
	H500127	Conveyor Mat 24. Std. Assy.	1
26	KD90001	Splice - Conveyor Mat	8
27	KD90003	Mat Clip	234
28	H301014	Beam Extension 16 & 18in.	1
29	H301168	Beam Extension 24in.	1
30	H101574	Adjuster Rod - Beam Extension 24in.	1
31	F221650	Jam Nut 1in unf	2
32	T500068	Rod End	1
33	F320508	Washer 5/16 Gr.8	4
34	H301111	Sod Guide LH Std.	1
	H301112	Sod Guide RH Std.	1
35	H301193	Support Stand	1
36	KX08150	Clevis Pin	1
37	KX30219	Lynch Pin 1/8	1
38	S500002	Conveyor Belt Tightener	1
39	S300014	Conveyor Mat Joiner Jig	1

NOTE

See Section 6, Page 29
for the Track Clip
Installer & Belt Splicer
Tools.

NOTE

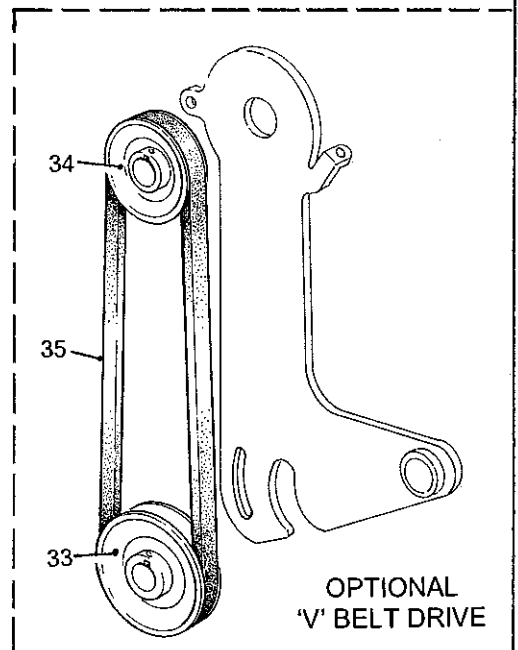
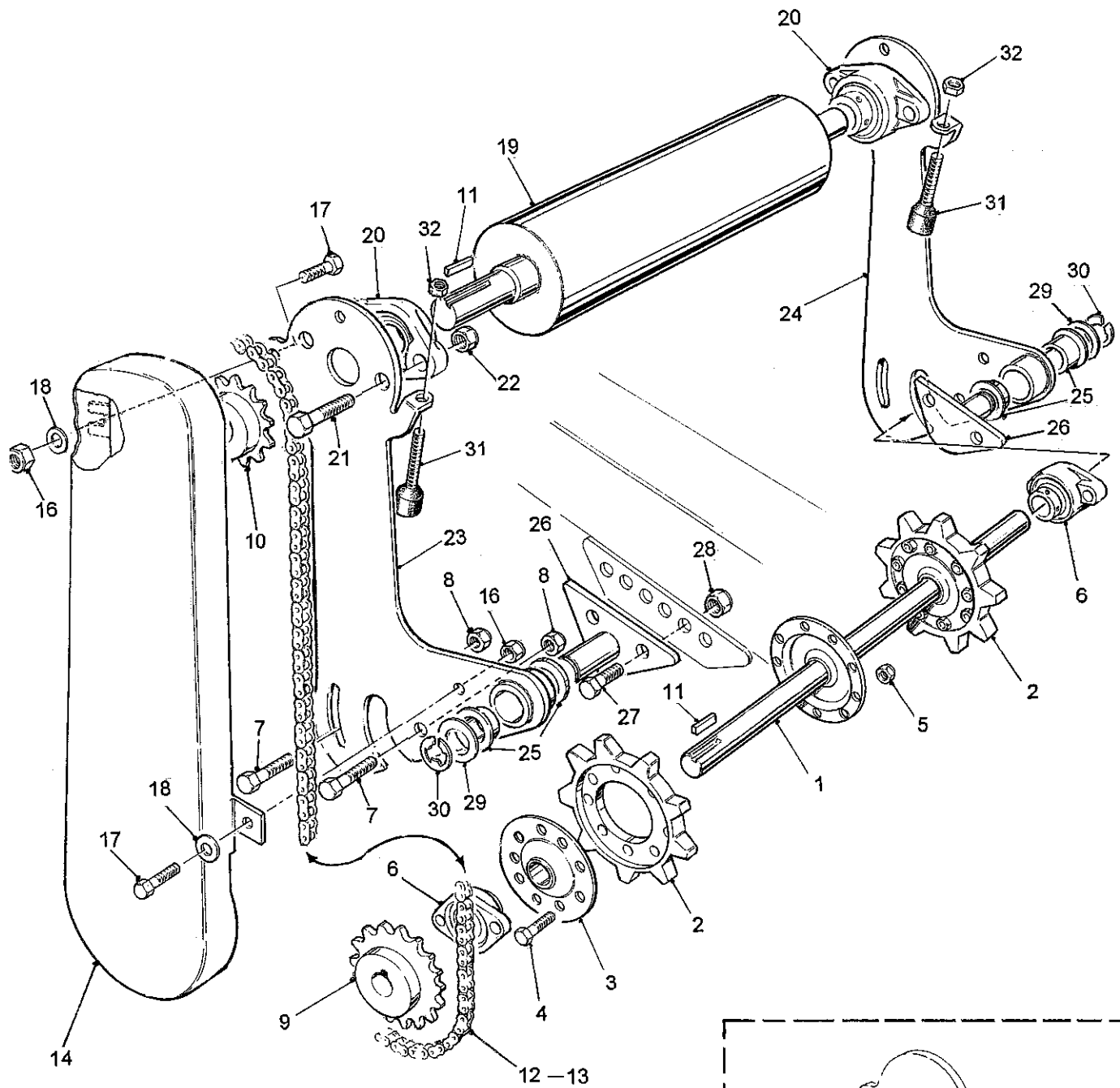
See Section 6, Pages 3-
6 for Mintex Options

NOTE

See Page 31 for the Cylinder
Lock, Current from Serial No.
444.

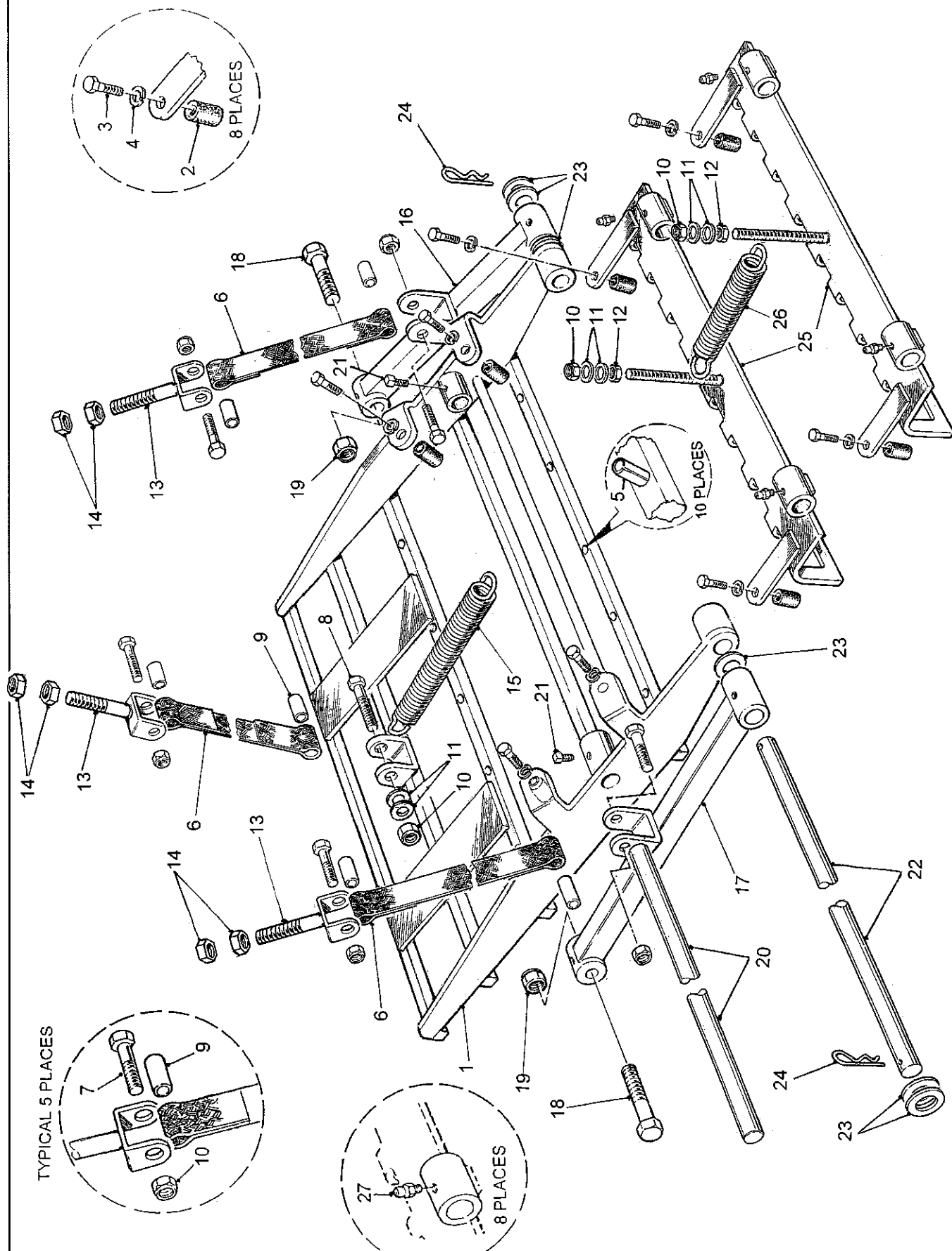
Obsolete from Serial No. 443

ITEM NO.	PART NO.	DESCRIPTION	QTY
		HYDRAULIC ROLL-UP NEEDLE CONTROL VALVE	
1	H110868	Clamp Bar	1
2	F040525	Bolt 5/16 unc x 2 3/4 Gr.8. - Non Current to Serial No. 338	2
3	F320500	Flatwasher 5/16	2
4	KH20085	Needle Valve	1
5	KH20086	Needle Valve Body	1
6	F040414	Bolt 1/4 unc x 1 1/2 Gr.8	2
7	F320400	Flatwasher 1/4	4
8	H110869	Needle Valve Mounting Bracket	1
9	H110861	Mounting Bracket - Flow Divider (Cab)	1
	H110860	Mounting Bracket - Flow Divider (Std)	1
10	KH20084	Port Body. Flow Divider. - Non Current to Serial No. 338	1
11	KH20083	Flow Divider Cartridge. - Non Current to Serial No. 338	1
12	F040406	Bolt 1/4 unc x 3/4 Gr.8	2
13	F0412120	Bolt 3/4 unc x 12 Gr.8	2
14	F231200	Nut 3/4 unc	4
15	F311200	Lockwasher 3/4	2
16	F321200	Washer 3/4	2
17	F310400	Lockwasher 1/4	4
18	F310500	Lockwasher 5/16	2
19	KH20107	Port Body. Flow Divider. - Current from Serial No. 339	1
20	KH20106	Flow Divider Cartridge. - Current from Serial No. 339	1
21	F040520	Bolt 5/16 unc x 2 Gr.8. - Current from Serial No. 339	2



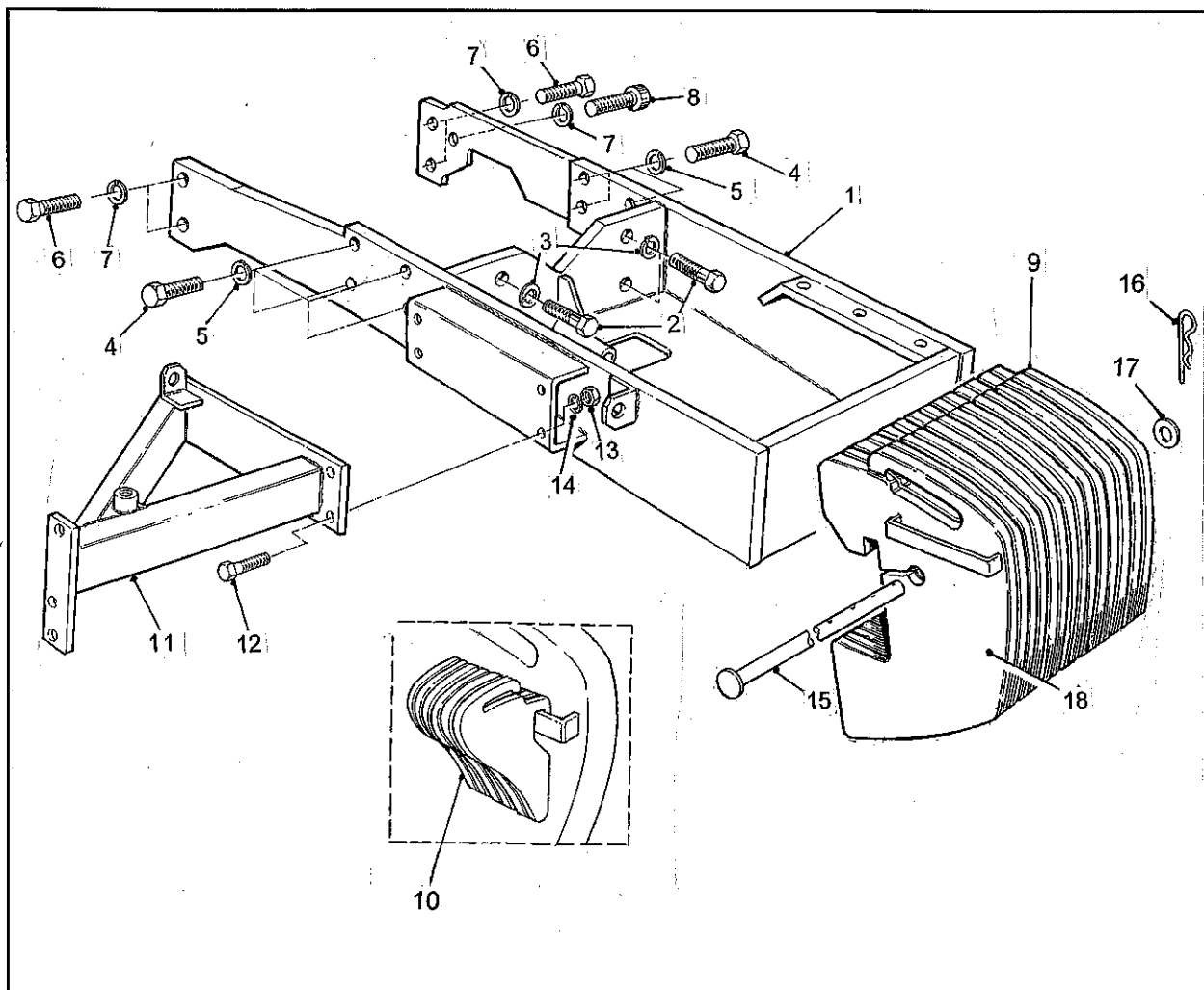
ITEM NO.	PART NO.	DESCRIPTION	QTY
CONVEYOR - FEED ROLLER (option)			
1	H301007	Feed Roller Drive Shaft 16 in. - Non Current (See Pg. 67 & 69 for Current)	1
	H301036	Feed Roller Drive Shaft 18 in.	1
	H301050	Feed Roller Drive shaft 24 in.	1
2	KD20001	Conveyor Sprocket	2
3	D8001	Conveyor Sprocket Plate - Non Current (See Pg. 67 & 69 for Current)	2
4	F040410	Bolt 1/4 UNC x 1 GR. 8	18
5	F210400	Locknut 1/4 UNC	18
6	KB32012	Flanged Bearing	2
7	F040714	Bolt 7/16 UNC x 1 1/2 GR. 8	4
8	F210700	Locknut 7/16 UNC	4
9	KD72406	Sprocket 24T c/w Set Screws	1
10	KD71606	Sprocket 16T c/w Set Screws	1
11	F923312	Key 3/16 x 3/16 x 1 1/4	2
12	H101221	Chain #40 - Feed Roller Drive	1
13	KD71000	Chain Connector Link #40	1
14	H301043	Guard - Feed Roller Drive	1
15	-----	Deleted	--
16	F210600	Locknut 3/8 UNC	2
17	F040610	Bolt 3/8 UNC x 1 GR. 8	2
18	F320600	Washer	2
19	H301008	Feed Roller 16 & 18in.	1
	H301049	Feed Roller 24 in.	1
20	KB32012	Flanged Bearing	2
21	F040714	Bolt 7/16 UNC x 1 1/2 GR. 8	4
22	F210700	Locknut 7/16 UNC	4
23	H301004	Feed Roller Arm RH	1
24	H301003	Feed Roller Arm LH	1
25	KB71013	Flanged Bushing - Non Current (See Pg. 67 & 69 for Current)	4
26	H301031	Feed Roller Pivot	2
27	F040610	Bolt 3/8 UNC x 1 GR. 8	4
28	F210600	Locknut 3/8 UNC	4
29	KB12220	Thrust Washer	2
30	F830074	Retaining Ring - External	2
31	KS60002	Bumper Spindle	2
32	F230600	Nut 3/8 UNC	2
33	KD11044	Sheave	1
34	KD11025	Sheave	1
35	KD61033	V-Belt	1
ASSEMBLIES H500081 - 16 in. Roller Assembly H500081 - 18 in. Roller Assembly H500083 - 24 in. Roller Assembly			

H500076 - DOUBLE STARTER GATE ASSY. 16 & 18 in.
H500206 - DOUBLE STARTER GATE ASSY. 24 in.



ITEM NO.	PART NO.	DESCRIPTION	QTY
		DOUBLE STARTER GATE	
	H500076	Double Starter Gate Assembly. 16 & 18 in.	
	H500206	Double Starter Gate Assembly. 24 in.	
1	H301080	Double Starter Tray. 16 & 18in.	1
	H301188	Double Starter Tray. 24 in.	1
2	KS60003	Bumper	8
3	F040404	Bolt 1/4 UNC x 1/2 GR. 8	8
4	F310400	Lockwasher 1/4	8
5	F940312	Spring Pin	10
6	H101032	Hanger Strap	3
7	F040620	Bolt 3/8 UNC x 2 GR. 8	5
8	F040624	Bolt 3/8 UNC x 2 1/2 GR. 8	1
9	H101260	Sleeve - Hanger Strap	6
10	F210600	Locknut 3/8 UNC	8
11	F330600	Washer 3/8 SAE	6
12	F230600	Nut 3/8 UNC	2
13	H301027	Suspender Adjuster	3
14	F230800	Nut 1/2 UNC	6
15	KS20006	Spring Tension	1
16	H301081	Starter Tray Link - LH	1
17	H301082	Starter Tray Link - RH	1
18	F040824	Bolt 1/2 UNC x 2 1/2 GR. 8	2
19	F270800	Nut 1/2 UNC Nyloc Jam GR. 2	2
20	H101285	Shaft - Second Starter Gate. 16 & 18 in.	1
	H101606	Shaft - Second Starter Gate. 24 in.	1
21	F110606	Set Screw 3/8 UNC x 3/4 Sq. Hd. Cup Pt.	4
22	H101070	Shaft - Starter Gate. 16 & 18 in.	1
	H101194	Shaft - Starter Gate. 24 in.	1
23	F330800	Washer 1/2 SAE (See Note)	A/R
24	F940215	Hitch Pin	2
25	H301019	Starter Gate. 16 & 18 in.	2
	H301052	Starter Gate. 24 in.	2
26	KS20005	Spring Tension	1
27	KM11400	Grease Fitting	8
		NOTE See Page 11 - Chain Drive Roll-Up Assembly and Page 13 - Hydraulic Roll-Up Assembly for the Double Starter Gate. Roll-Up Tray. NOTE See Page 19 for the Single Starter Tray. NOTE Fit one washer, Item 23, to the inside of the Link boss. Fit washers <u>as required</u> on the outside of the Link boss.	

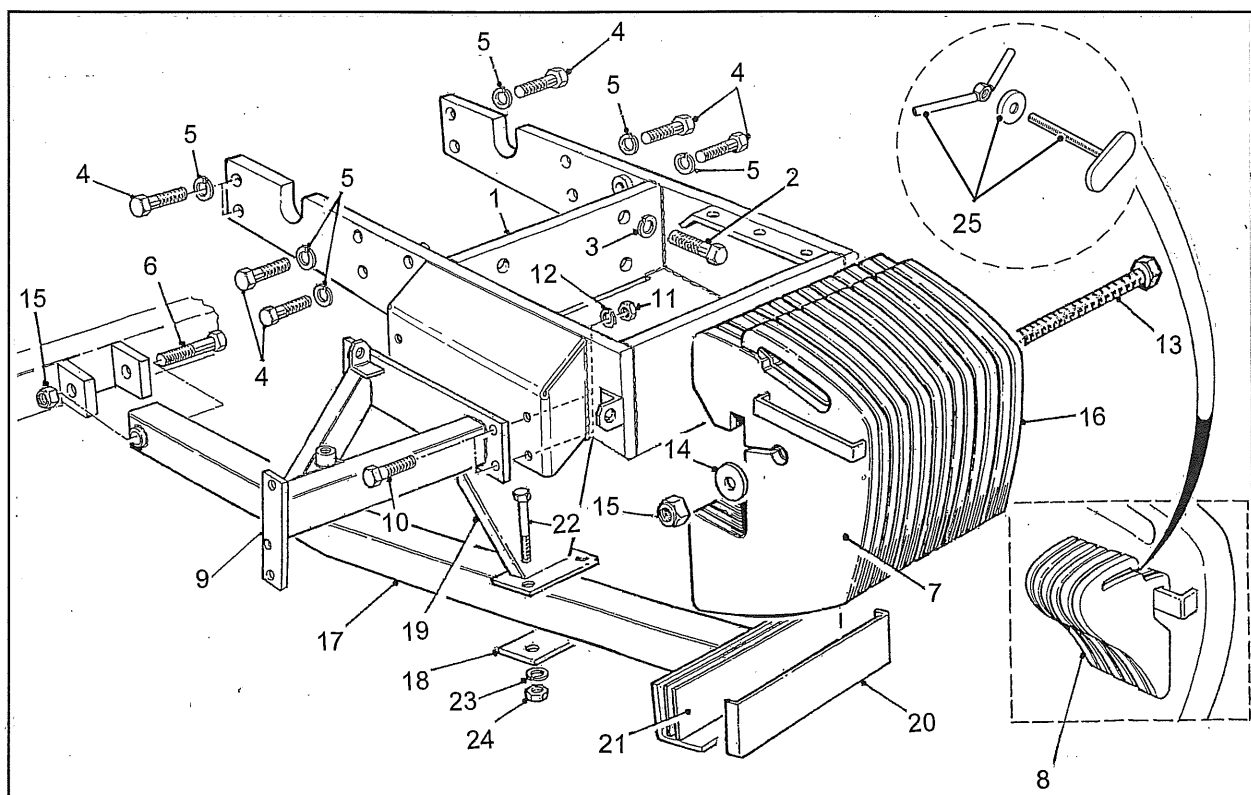
ITEM NO.	PART NO.	DESCRIPTION	QTY
PRIMARY & HALF WEIGHT MOUNTING JOHN DEERE - FRONT MOUNT TANK Non Current from Serial No. 323 to Serial No. 398			
1	H310096	Weight Mount - John Deere	1
2	F041220	Bolt 3/4 UNC x 2 GR 8	4
3	F311200	Lockwasher 3/4	4
4	F041020	Bolt 5/8 UNC x 2 GR 8	8
5	F311000	Lockwasher 5/8	8
6	G0416065	Bolt M16-65	4
7	G3116000	Lockwasher	5
8	G0116065	Bolt - M16 x 2.0 x 65	1
9	H110214	Primary Weight (14 Std.)	A/R
10	H100384	Head Weight	6
11	H310134	Spring Column Mount - Auto-Steer	1
12	F040814	Bolt 1/2 UNC x 1 1/2 GR. 8	4
13	F230800	Nut 1/2 UNC	4
14	F310800	Lockwasher	4
15	H310155	Pin	1
16	F940229	Hitch Pin Clip	1
17	F321200	Washer 5/8	1
18	H310167	Primary Weight with Bracket	1

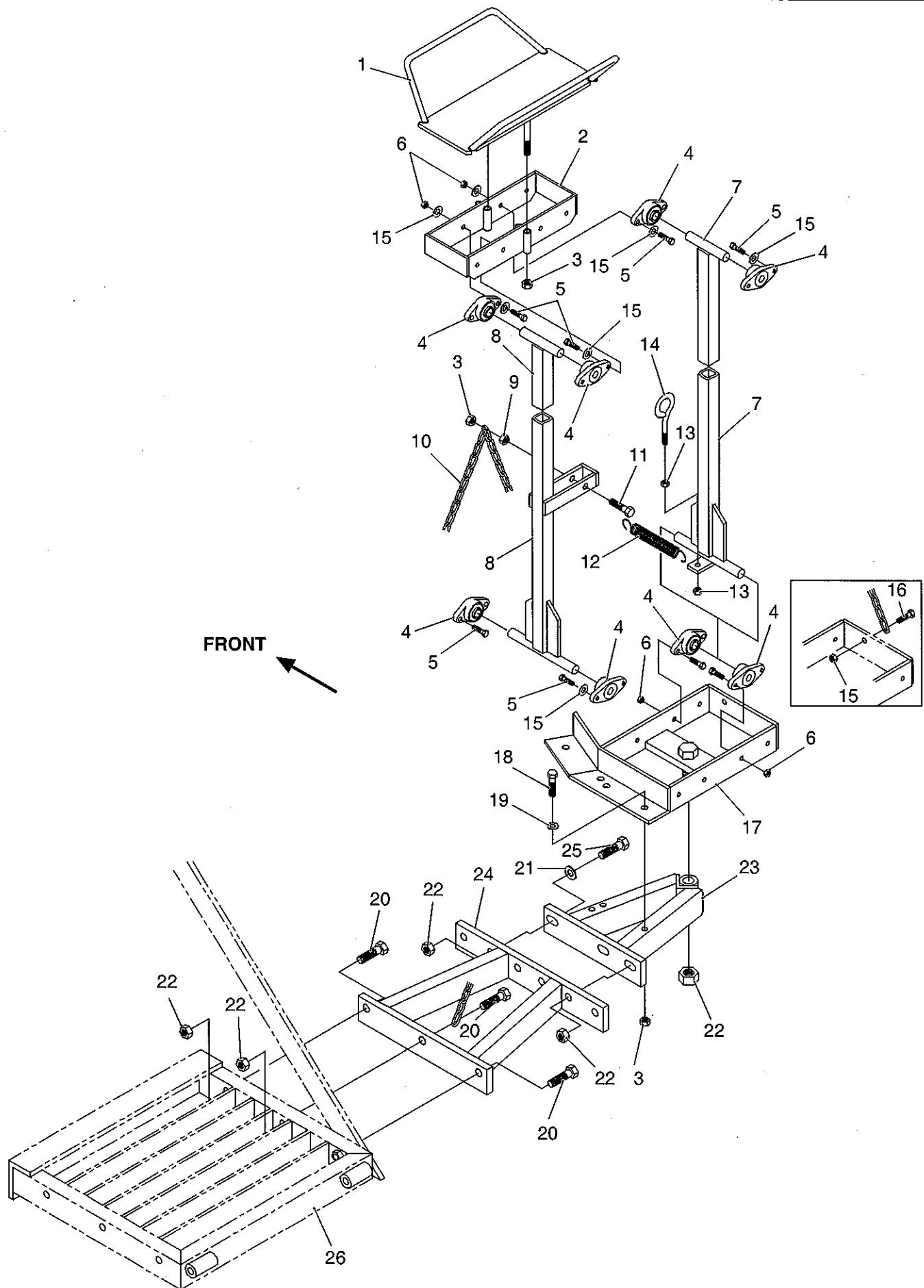


ITEM NO.	PART NO.	DESCRIPTION	QTY
PRIMARY & HALF WEIGHT MOUNTING. FRONT MOUNT TANK John Deere - 5225 & 5065. 2WD & 4WD. Current from Serial No. 399			
1	H310261	Weight Mount - John Deere - Non Current up to Serial No. 726	1
	H310321	Weight Mount - John Deere - Current from Serial No. 727	1
2	G0112070	Bolt. M20 x 2.5 x 70 (Metric)	4
3	G312000	Lockwasher M20	4
4	G0116055	Bolt. M16 x 2.0 x 55 (Metric)	12
5	G311600	Lockwasher M16	12
6	F041250	Bolt 3/4 unc x 5 Gr.8	1
7	H110214	Primary Weight (14 Std.)	A/R
8	H100384	Head Weight	6
9	H310134	Spring Column Mount - Auto-Steer	1
10	F040814	Bolt 1/2 unc x 1 1/2 GR. 8	4
11	F230800	Nut 1/2 unc	4
12	F310800	Lockwasher	4
13	H310109	Clamping Bolt	1
14	F331200	Flatwasher 3/4 SAE	2
15	F211200	Locknut 3/4 unc	1
16	H310167	Primary Weight with Bracket	1
17	H310263	Compression Tube - 2WD - Non Current up to Serial No. 726	1
	H310289	Compression Tube - 4WD - Non Current up to Serial No. 726	1
	H310322	Compression Tube - Current from Serial No. 727	1
18	H110728	Clamp Plate	1
19	H310262	Hanger Bracket - 2WD	1
	H310290	Hanger Bracket - 4WD	1
20	H110748	Top Shim. Primary Weight	1
21	H110752	Shim. Primary Weight	A/R
22	F040644	Bolt 3/8 unc x 4 1/2 Gr.8	2
23	F310600	Lockwasher 3/8	2
24	F230600	Nut 3/8 unc	2
25	H500334	Head Weight Clamp Assembly	1

NOTE

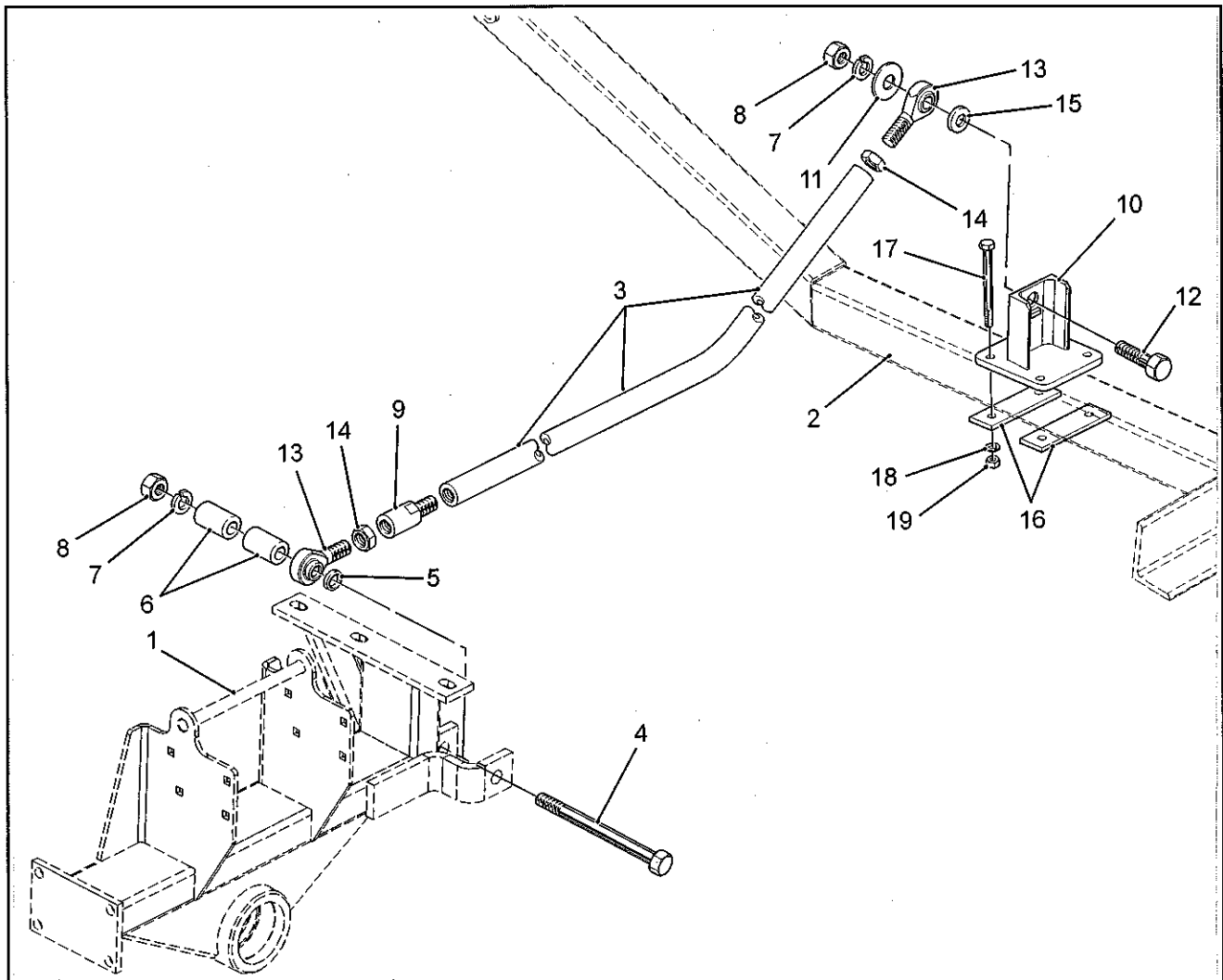
Item 25. Head Weight Clamp Assembly - H500334 contains:
H300239 - Tie Rod
H300240 - Wing Nut
H100634 - Washer

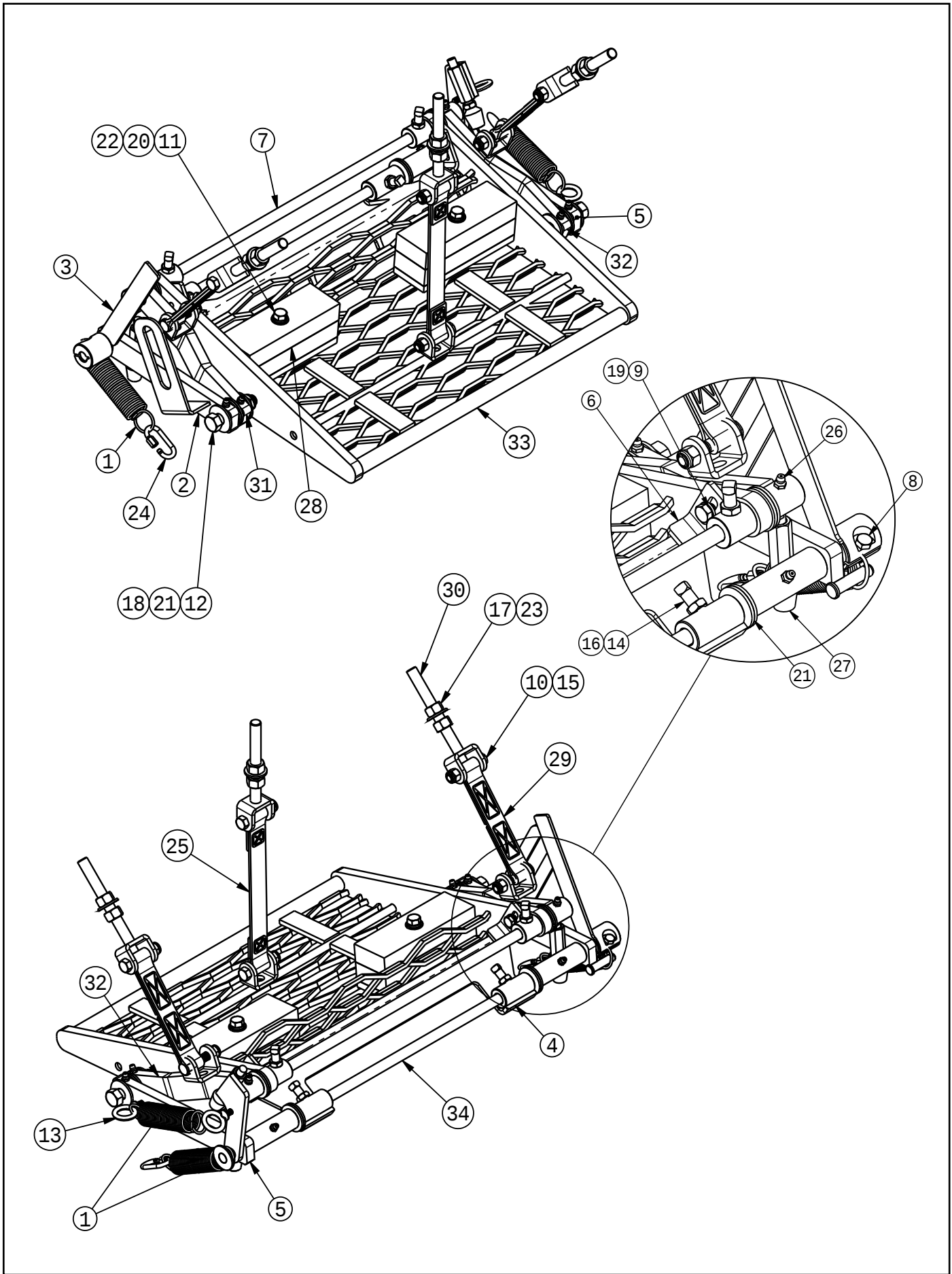




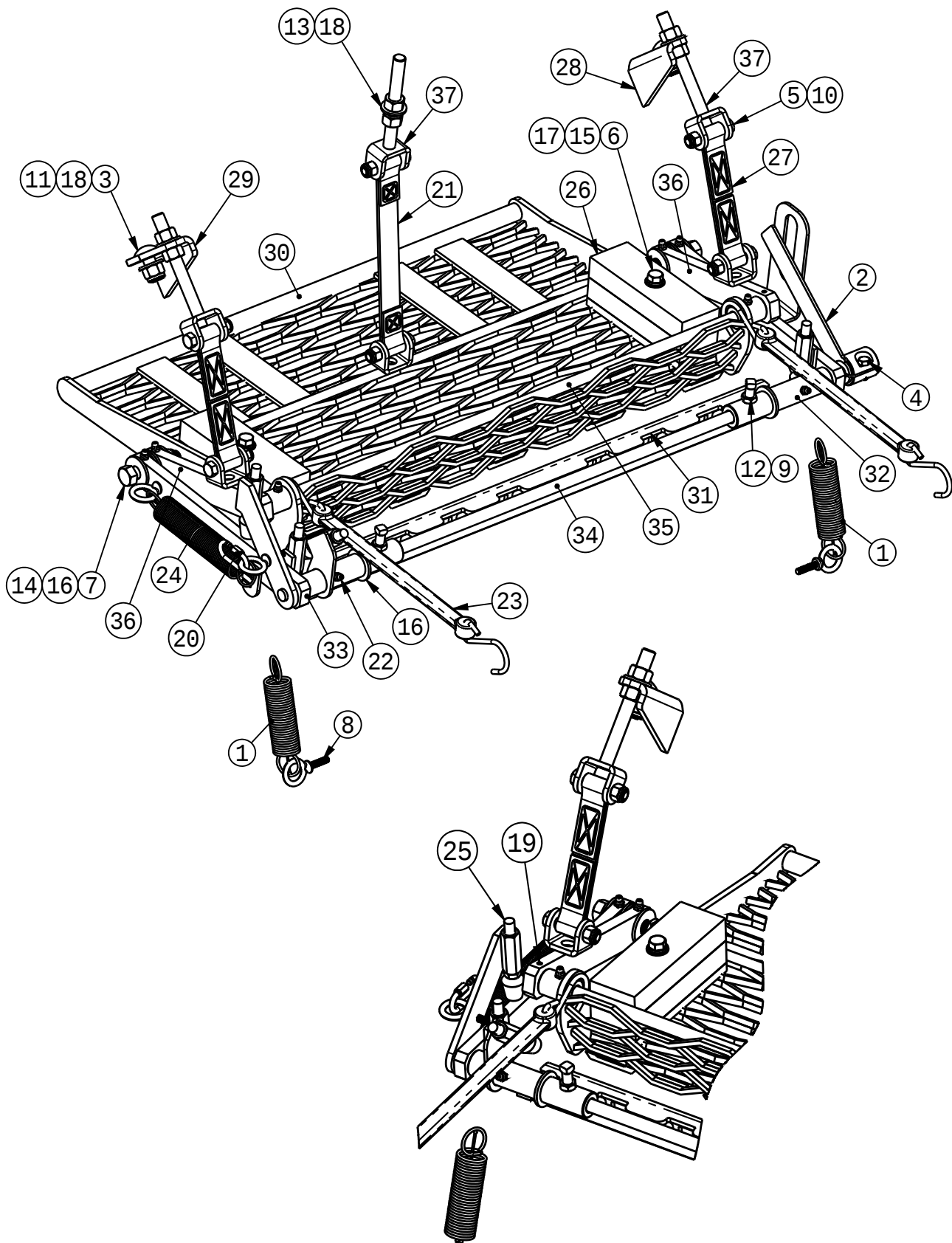
ITEM NO.	PART NO.	DESCRIPTION	QTY
SOD CATCHER ASSEMBLY			
1	002632	Basket. Sod Catcher - 16 in. & 18 in.	1
	002647	Basket. Sod Catcher - 24 in.	1
2	001432	Frame. Sod Catcher (Top)	1
3	F3013	Locknut	5
4	B0002	Bearing	8
5	F040410	Bolt 1/4 unc x 1 Gr.8	16
6	F210400	Locknut 1/4 unc	16
7	001434	Sod Catcher Arm R.H.	1
8	001435	Sod Catcher Arm L.H.	1
9	F230600	Nut 3/8 unc	1
10	002238	Chain. Sod Catcher Pivot	1
11	F040626	Bolt 3/8 unc x 2 3/4 Gr.8	1
12	S2003	Spring. Extension	1
13	F230500	Nut 5/16 unc	3
14	F2706	Eyebolt	1
15	F320400	Flatwasher 1/4	16
16	F040510	Bolt 5/16 unc x 1 Gr.8	1
17	001433	Frame. Sod Catcher (Bottom)	1
18	F040630	Bolt 3/8 unc x 3 Gr.8	2
19	F320600	Washer 3/8	2
20	F040826	Bolt 1/2 unc x 2 3/4 Gr.8	3
21	F320800	Washer 1/2	3
22	F210800	Locknut 1/2 unc	1
23	002585	Sod Catcher. Upper Base	1
24	6115713	Sod Catcher. Base	1
25	F040816	Bolt 1/2 unc x 1 3/4 Gr.8	3
26	001712	Platform. Main	1

ITEM NO.	PART NO.	DESCRIPTION	QTY
TIE ROD & HOSE SUPPORT - JOHN DEERE 5225 4WD			
1	H301223	Pivoting Head - 16 in. & 18 in.	1
	H310224	Pivoting Head - 24 in.	1
2	H310289	Compression Beam	1
3	H100517	Front Tie Rod	1
4	F041280	Bolt 3/4 unc x 8 Gr.8	1
5	H110623	Spacer. Ball End	1
6	H111206	Spacer Tube	2
7	F311200	Lockwasher 3/4	2
8	F231200	Nut 3/4 unc	2
9	H111239	Tie Rod Extension	1
10	H310124	Tie Rod Mount	1
11	F321200	Flatwasher 3/4	1
12	F041224	Bolt 3/4 unc x 2 1/2 Gr.8	1
13	CM00121	Rod End	2
14	F221250	Jam Nut 3/4 unc	2
15	M100041	Synchronizer	1
16	H110728	Clamp Plate	2
17	F010644	Bolt 3/8 unc x 4 1/2 Gr.8	4
18	F310600	Lockwasher 3/8	4
19	F230600	Nut 3/8 unc	4



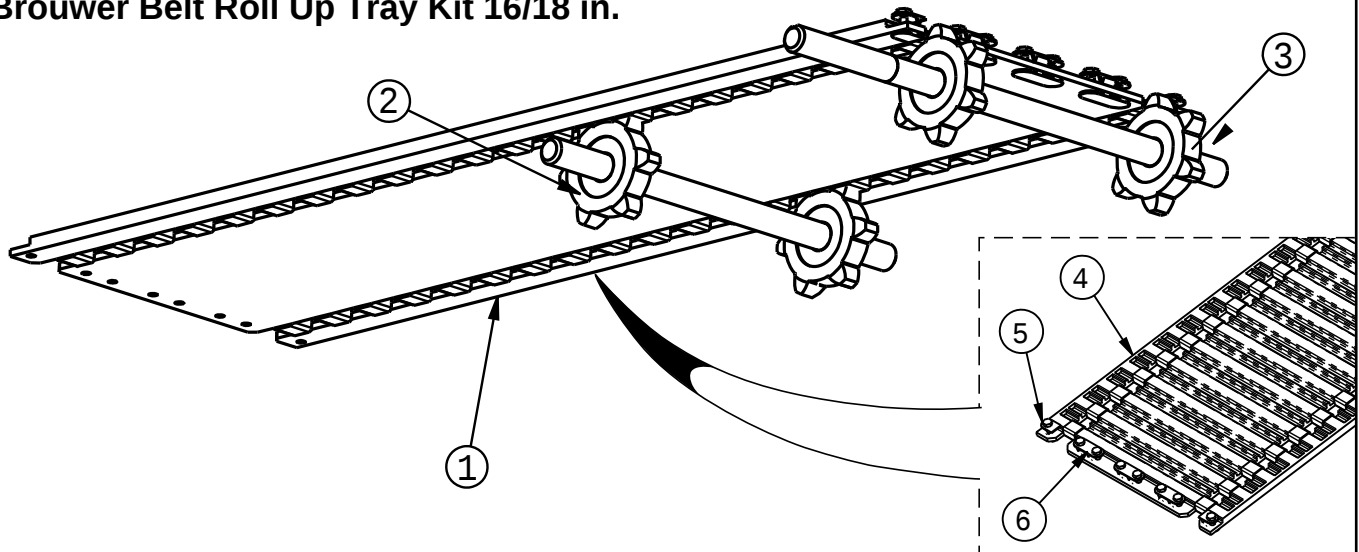


ITEM NO.	PART NO.	DESCRIPTION	QTY
Kesmac 2150 & 2200 Harvester 10" LG Mesh Starter Tray - 16 & 24 in.			
1	001279	SPRING, SCRAPER BLADE	3
2	4139946	LINK ARM W/A LH	1
3	4139958	ROLLUP FLAG W/A	1
4	6115825	STARTER GATE 16/18"	1
	6115826	STARTER GATE 24"	1
5	6115857	LINK ARM W/A RH	1
6	6115861	STARTER TRAY STOP	2
7	6115891	ROD, STARTER TRAY PIVOT 16/18"	1
	6115892	ROD, STARTER TRAY PIVOT 24"	1
8	F020812	CARRIAGE BOLT 1/2 UNC x 1.1/4 LG	2
9	F040406	BOLT 1/4 UNC x 3/4 Gr 8	1
10	F040506	BOLT - 5/16 UNC x 3/4 Gr 8	2
11	F040620	BOLT - HEX HD 3/8-16 UNC x 2.00 LG. GR 8	4
12	F040624	HEX BOLT 3/8-16UNC x 2-1/2 LG.	2
13	F040824	BOLT - 1/2 UNC X 2 1/2 Gr 8	2
14	F050420	EYEBOLT 1/4"-20 UNC	2
15	F110610	SET SCREW - 3/8 UNC x 1 SQ HD CUP PT	4
16	F210600	HEX LOCK NUT - 3/8 -16 UNC	4
17	F210800	NUT-1/2 UNC NYLOC	2
18	F220600	HEX JAM NUT - 3/8 UNC	4
19	F230800	HEX NUT - 1/2 UNC - ZINC PLATED	6
20	F270800	1/2-20 UNF NYLOC JAM NUT	2
21	F310508	LOCK WASHER - 5/16 Gr 8	2
22	F310608	WASHER - 3/8 LOCK Gr 8	2
23	F320800	1/2 USS FLAT WASHER ZN PL	16
24	F330608	WASHER - 3/8 SAE Gr 8	4
25	F330800	1/2 SAE FLAT WASHER	5
26	F940116	HITCH PIN CLIP 1 3/16 IN. OAL 3/8 TO 1/2 SHAFT	2
27	G8084	QUICK LINK CHAIN 3/16	2
28	H101032	STARTER HANGER STRAP	1
29	KM11400	STRAIGHT GREASE FITTING	8
30	KS60002	BUMPER SPINDLE 3/8-UNC x 2.50 Lg 3.50 OAL	3
31	KX00616	CLEVIS PIN - 3/8 DIA X 1.75 LG. (ZINC COATED)	2
32	R101660	STARTER TRAY WEIGHT	4
33	R101803	MESH STARTER TRAY HANGER STRAP	2
34	R102004	MESH TRAY STRAP ADPATER - LH	1
35	R102005	MESH TRAY STRAP ADPATER - RH	1
36	R300366	CONVEYOR SUSPENDER ADJUSTER MESH TRAY	3
37	R300415	16" BROUWER MESH TRAY W/A (10" MESH LENGTH)	1
	R300411	24" BROUWER MESH TRAY W/A (10" MESH LENGTH)	1
38	R300410	OFFSET ARM W/A - LH (BROUWER MESH TRAY)	1
39	R300411	OFFSET ARM W/A - RH (BROUWER MESH TRAY)	1
40	R300416	16" PIVOT ROD W/A (10" LG BROUWER MESH TRAY)	1
	R300412	24" PIVOT ROD W/A (10" LG BROUWER MESH TRAY)	1
NOTE Items 1-40 are available as 10" LG Mesh Starter Tray Assembly: R500452- 16 IN. R500454 - 24 IN.			

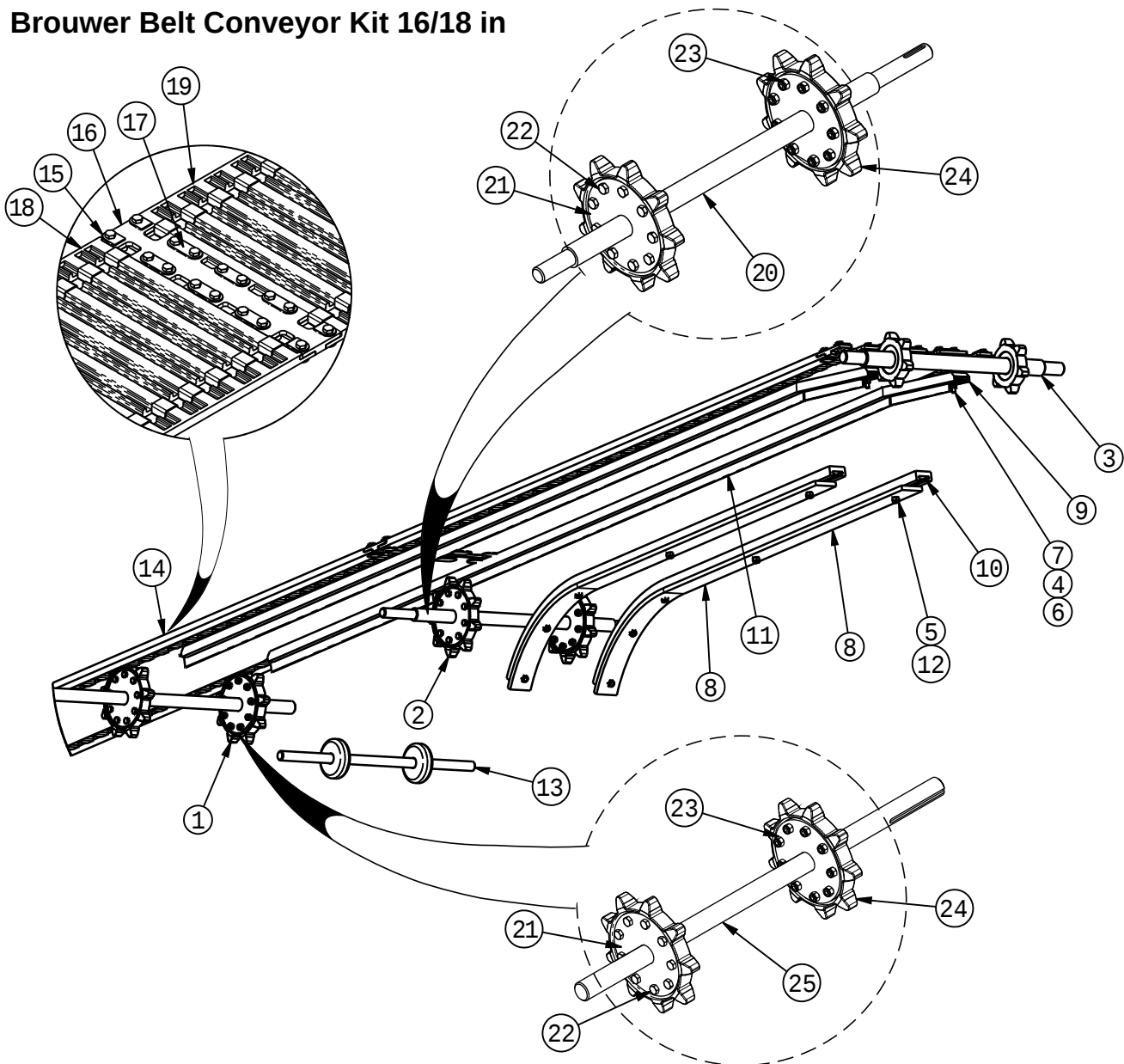


ITEM NO.	PART NO.	DESCRIPTION	QTY
Kesmac 2150 & 2200 Harvester 14.5" LG Mesh Starter Tray - 16 & 24 in.			
1	001279	SPRING, SCRAPER BLADE	2
2	4139958	ROLLUP FLAG W/A	1
3	F020812	CARRIAGE BOLT 1/2 UNC x 1.1/4 LG	2
4	F040406	BOLT 1/4 UNC x 3/4 Gr 8	1
5	F040620	BOLT - HEX HD 3/8-16 UNC x 2.00 LG. GR 8	6
6	F040624	HEX BOLT 3/8-16UNC x 2-1/2 LG.	2
7	F040824	BOLT - 1/2 UNC X 2 1/2 Gr 8	2
8	F050420	EYEBOLT 1/4"-20 UNC	4
9	F110610	SET SCREW - 3/8 UNC x 1 SQ HD CUP PT	2
10	F210600	HEX LOCK NUT - 3/8 -16 UNC	6
11	F210800	NUT 1/2 UNC NYLOC	2
12	F220600	HEX JAM NUT - 3/8 UNC	2
13	F230800	HEX NUT - 1/2 UNC - ZINC PLATED	6
14	F270800	1/2-20 UNF NYLOC JAM NUT	2
15	F310608	WASHER - 3/8 LOCK Gr 8	2
16	F320800	1/2 USS FLAT WASHER ZN PL	10
17	F330608	WASHER - 3/8 SAE Gr 8	2
18	F330800	1/2 SAE FLAT WASHER	5
19	F940312	SPRING PIN 3/16 x 1.25	1
20	G8084	QUICK LINK CHAIN 3/16	1
21	H101032	STARTER HANGER STRAP	1
22	KM11400	STRAIGHT GREASE FITTING	8
23	KM71015	BUNGEE 15"	2
24	KS20005	SPRING TENSION, 6.875	1
25	KS60002	BUMPER SPINDLE 3/8-UNC x 2.50 Lg 3.50 OAL	4
26	R101660	STARTER TRAY WEIGHT	4
27	R101803	MESH STARTER TRAY HANGER STRAP	2
28	R102004	MESH TRAY STRAP ADAPTER - LH	1
29	R102005	MESH TRAY STRAP ADAPTER - RH	1
30	R300186	24" MESH STARTER TRAY W/A	1
	R300185	16/18" MESH STARTER TRAY W/A	1
31	R300190	24" STARTER GATE W/A	1
	R300189	16/18" STARTER GATE W/A	1
32	R300191	STARTER GATE ARM W/A LH	1
33	R300192	STARTER GATE ARM W/A RH	1
34	R300194	24" STARTER PIVOT SHAFT W/A	1
	R300193	16/18" STARTER PIVOT SHAFT W/A	1
35	R300345	24" (MESH) STARTER TRAY SHAFT W/A	1
	R300344	16/18" (MESH) STARTER TRAY SHAFT W/A	1
36	R300358	MESH TRAY ARM W/A FOR STRAP	2
37	R300366	CONVEYOR SUSPENDER ADJUSTER MESH TRAY	3
NOTE Items 1-37 are available as 14.5" LG Mesh Starter Tray Assembly: R500151- 16 IN. R500152 - 24 IN.			

Brouwer Belt Roll Up Tray Kit 16/18 in.



Brouwer Belt Conveyor Kit 16/18 in



Brouwer 2150 & 2200 Sod Harvester
Brouwer Belt Roll Up Tray & Conveyor Kits 16/18 in.

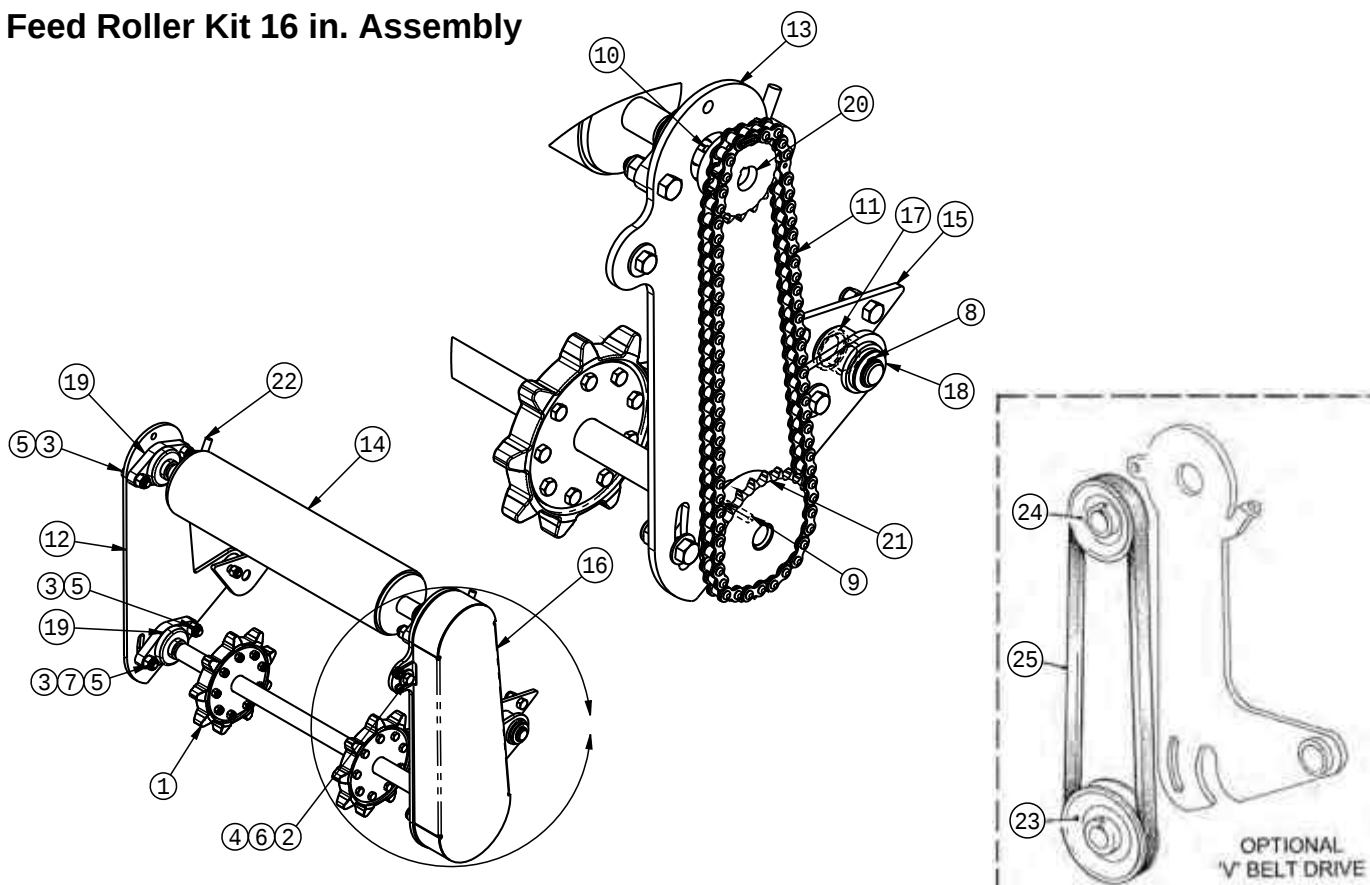
H500450 - Brouwer Belt Roll Up Tray Kit 16/18 in.

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	A02008	1	16/18" RUBBER ROLLUP KIT
2	H301261	1	ROLL-UP IDLER SPROCKET SHAFT 16/18 IN.
3	H301262	1	ROLL-UP DRIVE SHAFT 16/18 IN.
4	002640	1	16" BROUWER CONVEYOR ROLL UP BELT 44"
5	002641	2	MAT SPLICE HALF
6	KD90001	3	BELT SPLICER

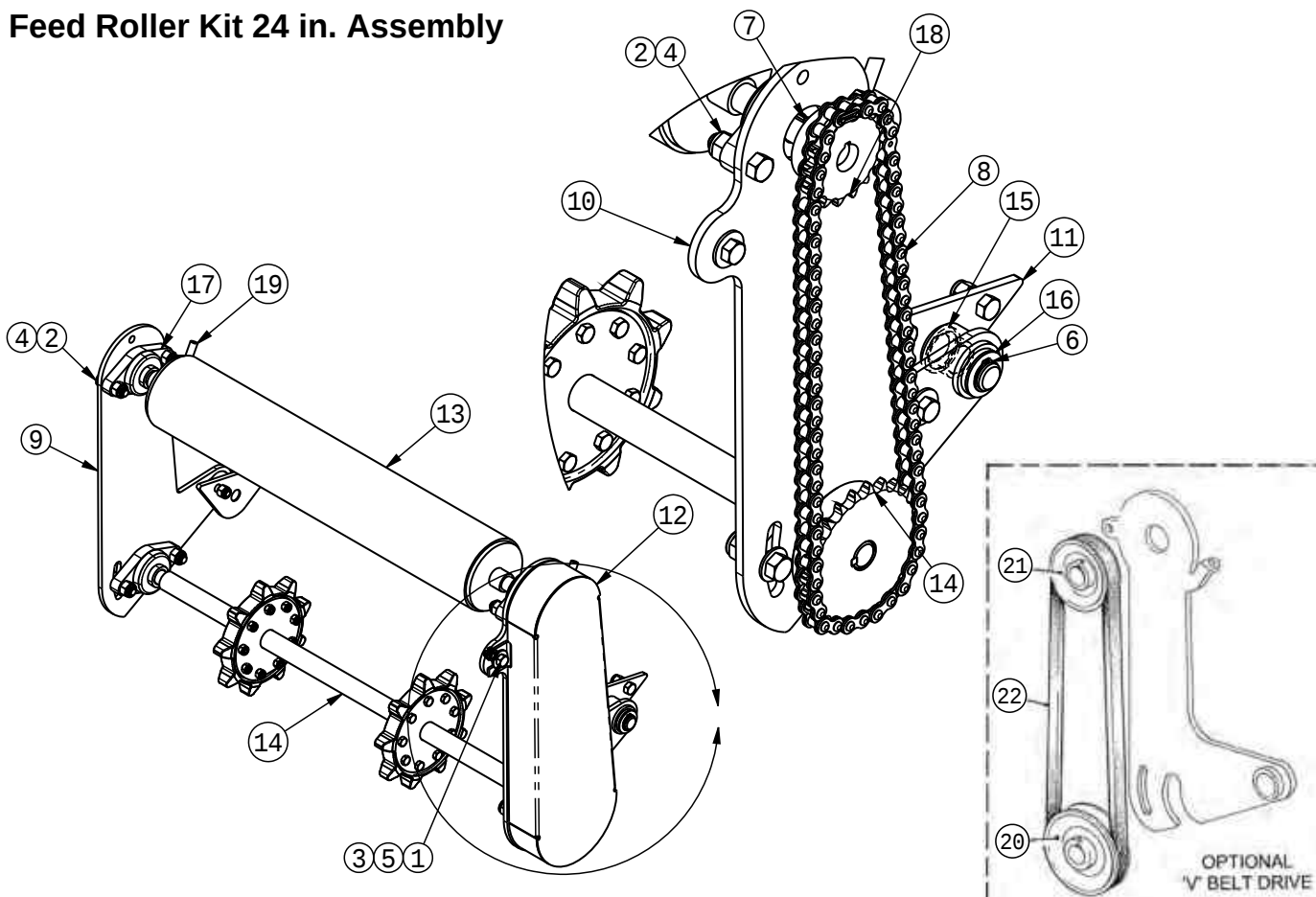
H500451 - Brouwer Belt Conveyor Kit 16/18 in.

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	A03169	1	CONVEYOR DRIVE SHAFT ASSEMBLY 18 IN.
2	A03254	1	IDLER SHAFT 16" ROLLER DRIVE ASSEMBLY
3	B300279	1	IDLER SHAFT 16 IN. 1.25 DIA.
4	F210400	2	1/4-20 UNC NYLOC NUT
5	F210500	10	NUT-5/16 UNC NYLOC
6	F320400	2	WASHER-1/4
7	F610413	2	SCREW 1/4 UNC X 1.3/8 FLAT HD. PHILLIPS .S.S
8	H101018	2	CONVEYOR RETURN SKI
9	H101094	2	OUTER SLIDER 92.0 IN.
10	H101096	2	RETURN SLIDER
11	H101274	2	CONVEYOR SLIDER SUPPORT "T" LONG
12	H301041	10	"T" BOLT
13	R300063	1	TENSIONER SHAFT WELDMENT 16 IN.
14	R500429	1	CONVEYOR MAT ASSEMBLY 16"
15	002641	8	MAT SPLICE HALF
16	B100955	2	RUBBER BELT SPLICER 16 IN.
17	KD90001	12	BELT SPLICER
18	R101921	1	ROBOMAX 16 IN. CONVEYOR BELT SHORT PIECE
19	R101922	1	ROBOMAX 16 IN. CONVEYOR BELT LONG PIECE
20	014128	1	ROLLER DRIVE SHAFT WELDMENT 16/18 IN.
21	A100761	4	BED SPROCKET PLATE
22	F040410	36	HEX BOLT - 1/4 -20 UNC x 1.00 Gr 8
23	F210400	36	1/4-20 UNC NYLOC NUT
24	KD20001	4	CONVEYOR SPROCKET
25	014081	1	CONVEYOR DRIVE SHAFT 18 IN.

Feed Roller Kit 16 in. Assembly



Feed Roller Kit 24 in. Assembly



Brouwer 2150 & 2200 Sod Harvester
Feed Roller Kit 16 & 24 in. Assemblies - CURRENT

H500081 - Feed Roller Kit 16 in. Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	A03254	1	IDLER SHAFT 16" ROLLER DRIVE ASSEMBLY
2	F040610	6	BOLT - 3/8 UNC x 1.0 Gr 8
3	F040714	8	BOLT - 7/16 UNC x 1 1/2 Gr 8
4	F210600	6	HEX LOCK NUT - 3/8 -16 UNC
5	F210700	8	HEX LOCK NUT - 7/16 UNC
6	F320600	2	FLAT WASHER - 3/8
7	F330700	2	7/16 SAE FLAT WASHER
8	F830074	2	EXTERNAL RETAINING RING - 0.75 IN.
9	F923310	1	KEY 3/16 x 3/16 x 1.00 LG.
10	F923312	1	KEY 3/16 x 3/16 x 1.25 LG.
11	H101221	1	FEED ROLLER CHAIN DRIVE CHAIN #40
12	H301003	1	FEED ROLLER ARM LH
13	H301004	1	FEED ROLLER ARM RH
14	H301008	1	FEED ROLLER 16 / 18 IN.
15	H301031	2	FEED ROLLER PIVOT
16	H301043	1	DRIVE GUARD 4" ROLLER W/A
17	KB11212	4	FLANGED BUSHING - 0.75 I.D.
18	KB12220	1	THRUST WASHER 1.25 X 0.75 X 0.06
19	KB32012	4	FLANGE BEARING 0.75 DIA.
20	KD71606	1	SPROCKET 16 TOOTH 0.75 BORE 40FB
21	KD72406	1	SPROCKET #40 CHAIN 24 TOOTH, 0.75 BORE (FEED ROLLER)
22	KS60002	2	BUMPER SPINDLE 3/8-UNC x 2.50 Lg 3.50 OAL
23	KD11044	1	SHEAVE
24	KD11025	1	SHEAVE
25	KD61033	1	V-BELT

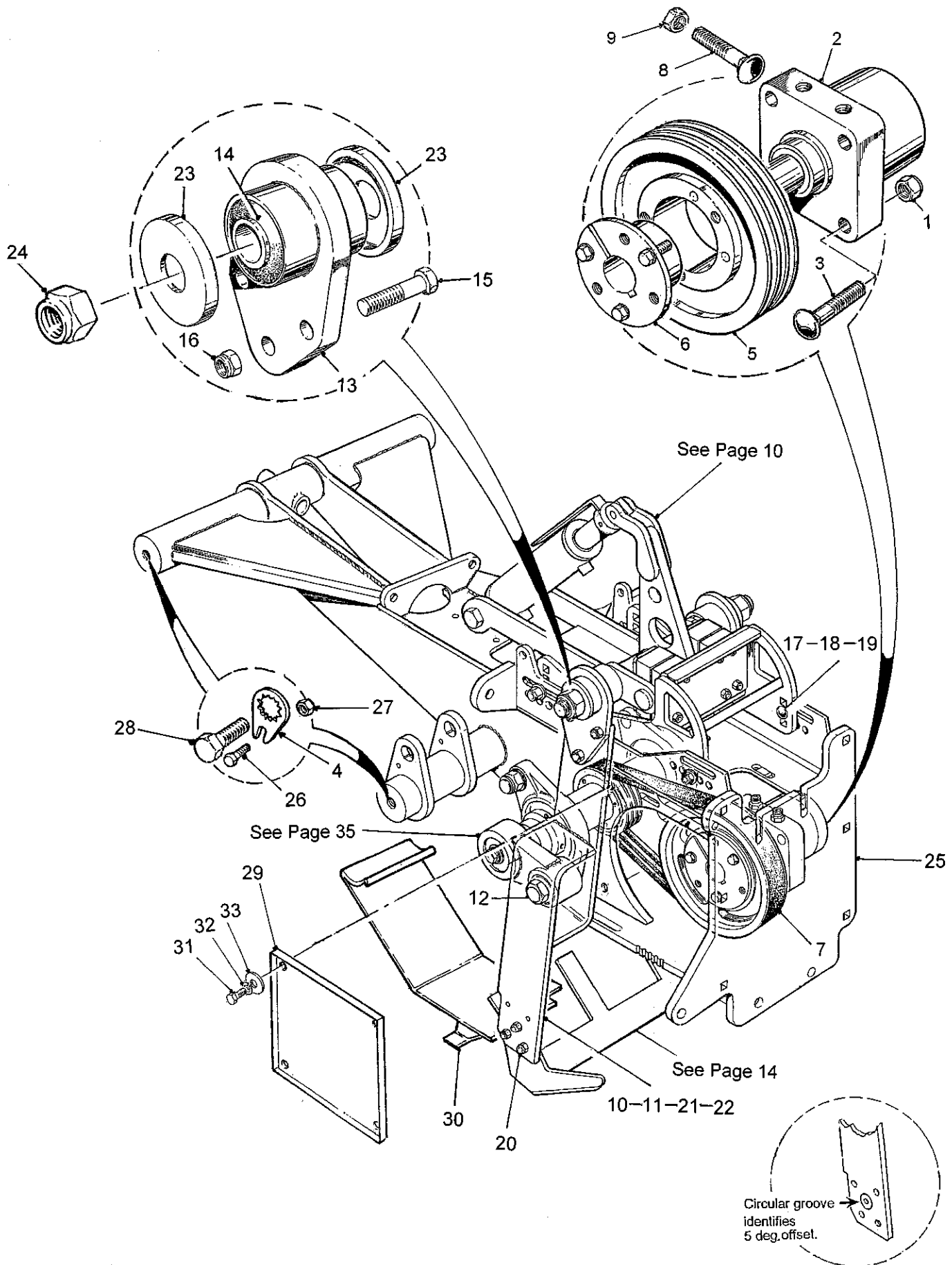
H500083 - Feed Roller Kit 24 in. Assembly (4 in. Dia Roller)

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	F040610	6	BOLT - 3/8 UNC x 1.0 Gr 8
2	F040714	4	BOLT - 7/16 UNC x 1 1/2 Gr 8
3	F210600	6	HEX LOCK NUT - 3/8 -16 UNC
4	F210700	4	HEX LOCK NUT - 7/16 UNC
5	F320600	2	FLAT WASHER - 3/8
6	F830074	2	EXTERNAL RETAINING RING - 0.75 IN.
7	F923312	1	KEY 3/16 x 3/16 x 1.25 LG.
8	H101221	1	FEED ROLLER CHAIN DRIVE CHAIN #40
9	H301003	1	FEED ROLLER ARM LH
10	H301004	1	FEED ROLLER ARM RH
11	H301031	2	FEED ROLLER PIVOT
12	H301043	1	DRIVE GUARD 4" ROLLER W/A
13	H301049	1	FEED ROLLER 24" FABRICATION
14	H500045	1	FEED ROLLER DRIVE SHAFT 24" ASSEMBLY
15	KB11212	4	FLANGED BUSHING - 0.75 I.D.
16	KB12220	1	THRUST WASHER 1.25 X 0.75 X 0.06
17	KB32012	2	FLANGE BEARING 0.75 DIA.
18	KD71606	1	SPROCKET 16 TOOTH 0.75 BORE 40FB
19	KS60002	2	BUMPER SPINDLE 3/8-UNC x 2.50 Lg 3.50 OAL
20	KD11044	1	SHEAVE
21	KD11025	1	SHEAVE
22	KD61033	1	V-BELT

SECTION 2 CUTTING HEAD ASSEMBLY

2150 & 2200 Models

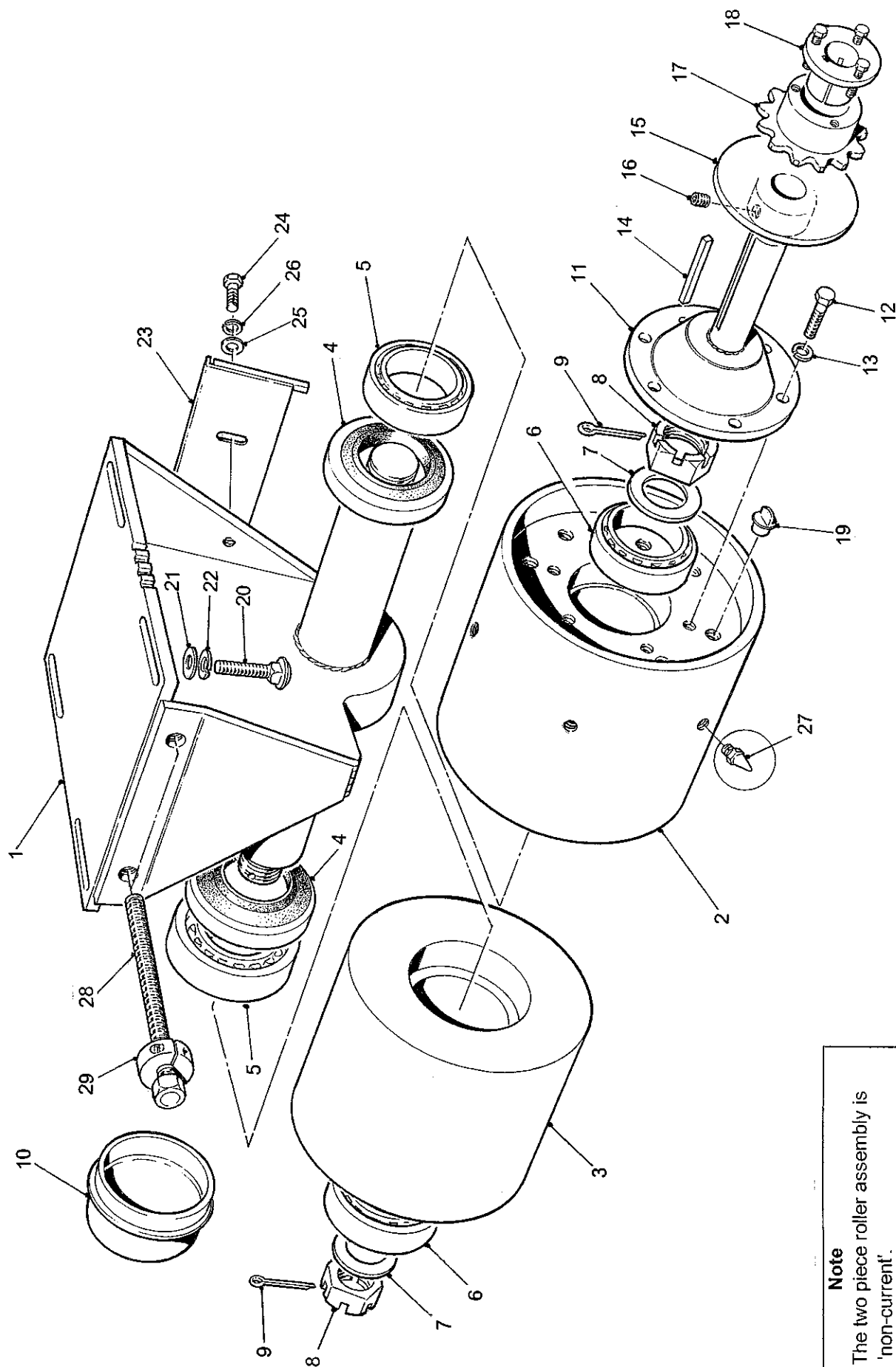
Cutting Head - 2150	1
Ground Roller- Two Piece (Non-current. See page 23)	3
Lift Cam, Backstop Cam & Back Stop	5
Backstop Cams	7
Roll-up & Cut-off Sprocket Options	8
Cut-off Lift Arm	9
Depth & Pitch Adjustment Assembly	11
Coulter Blades Assembly	13
Cutting Blades – Options	15
Brush Attachment – Option	17
Hydraulic Arrangement – Brush Attachment	19
Rebound Wheel	21
Foot Guard	22
Ground Roller – One Piece. (Standard)	23
2200 Cutter Head Assembly	25
2200 Lift Cam, Backstop Cam & Backstop 16, 18 & 24in.	29
2200 Depth Adjuster Assembly	31
2200 One Piece Ground Roller	33
Eccentric Shaft & Connecting Rod Assy. Non Current up to Serial No. 529	35
Eccentric Shaft & Connecting Rod Assy. Current from Serial No. 530	37
Current Brush Attachment – Option	39



ITEM NO.	PART NO.	DESCRIPTION	QTY
CUTTING HEAD ASSEMBLY - 2150 MODEL			
1	F210800	Locknut 1/2 UNC	1
2	KH30013	Cutter Motor	1
3	F020824	Carriage Bolt 1/2 UNC x 2 1/2	4
4	H101063	Bolt Lock 1 1/8 AF. 12pt	4
5	KD33800	Sheave, Triple Groove, Taper Lock	1
6	KD52010	Taper Lock Bushing	1
7	KD62401	Drive Belt Triple "V" Groove	1
8	F020830	Carriage Bolt 1/2 UNC x 3	1
9	F220800	Jam Nut 1/2 UNC	1
10	H300006	Cutter Arm - RH	1
	H300102	Cutter Arm RH with 5 deg. Offset	1
11	H300005	Cutter Arm LH. Not Illustrated	1
	H300101	Cutter Arm LH with 5 deg. Offset. Not Illustrated	1
12	H300055	Tie Bolt (Connecting Rod)	2
13	H500022	Cutter Arm - Top Pivot (Assembly Includes - Isolator KS50001)	2
14	KS50001	Isolator - Cutter Arm	2
15	F080714	Bolt 7/16 UNF. x 1 1/2 GR. 8	6
16	F210750	Locknut 7/16 UNF	6
17	F020814	Carriage Bolt 1/2 UNC x 1 1/2	4
18	F210800	Locknut 1/2 UNC	8
19	F330808	Washer 1/2 in. GR. 8	4
20	H500200	Cutting Blade Bolt Assembly	6
21	H300200	Cutter Arm. LH. (10 in. Ground Roller - Long Option)	1
	H300205	Cutter Arm. LH. (10 in. Ground Roller. Coulter Option - Long.)	1
	H300242	Cutter Arm. LH. (10 in. Ground Roller - Short Option)	1
	H300244	Cutter Arm. LH. (10 in. Ground Roller. Coulter Option - Short.)	1
	H300246	Cutter Arm. LH. (10 in. Ground Roller. Reduced Pitch)	1
22	H300201	Cutter Arm. RH. (10 in. Ground Roller - Long Option)	1
	H300206	Cutter Arm. RH. (10 in. Ground Roller. Coulter Option - Long.)	1
	H300243	Cutter Arm. RH. (10 in. Ground Roller - Short Option)	1
	H300245	Cutter Arm. RH. (10 in. Ground Roller. Coulter Option - Short.)	1
	H300247	Cutter Arm. RH. (10 in. Ground Roller. Reduced Pitch)	1
23	H100027	Bushing Spacer	2
24	F211650	Locknut 1 UNF	1
25	H300025	Cutter Head Frame 16 in. & 18 in.	1
	H300031	Cutter Head Frame 24 in.	1
26	F040414	Bolt 1/4 UNC x 1 1/2 Gr. 8	4
27	F210400	Locknut 1/4 UNC	4
28	F041220	Bolt 3/4 UNC x 2 Gr. 8 (See Section 1 Page 1)	4
29	H100197	Belt Guard	1
30	H300209	Belt Guard. Cutter Drive 16 & 18 in. (option)	1
	H300210	Belt Guard. Cutter Drive 24 in. (option)	1
31	F050408	Bolt 1/4 unc x 3/4 Gr.8	3
32	F310400	Lockwasher 1/4	3
33	F320400	Flatwasher 1/4	3

NOTE

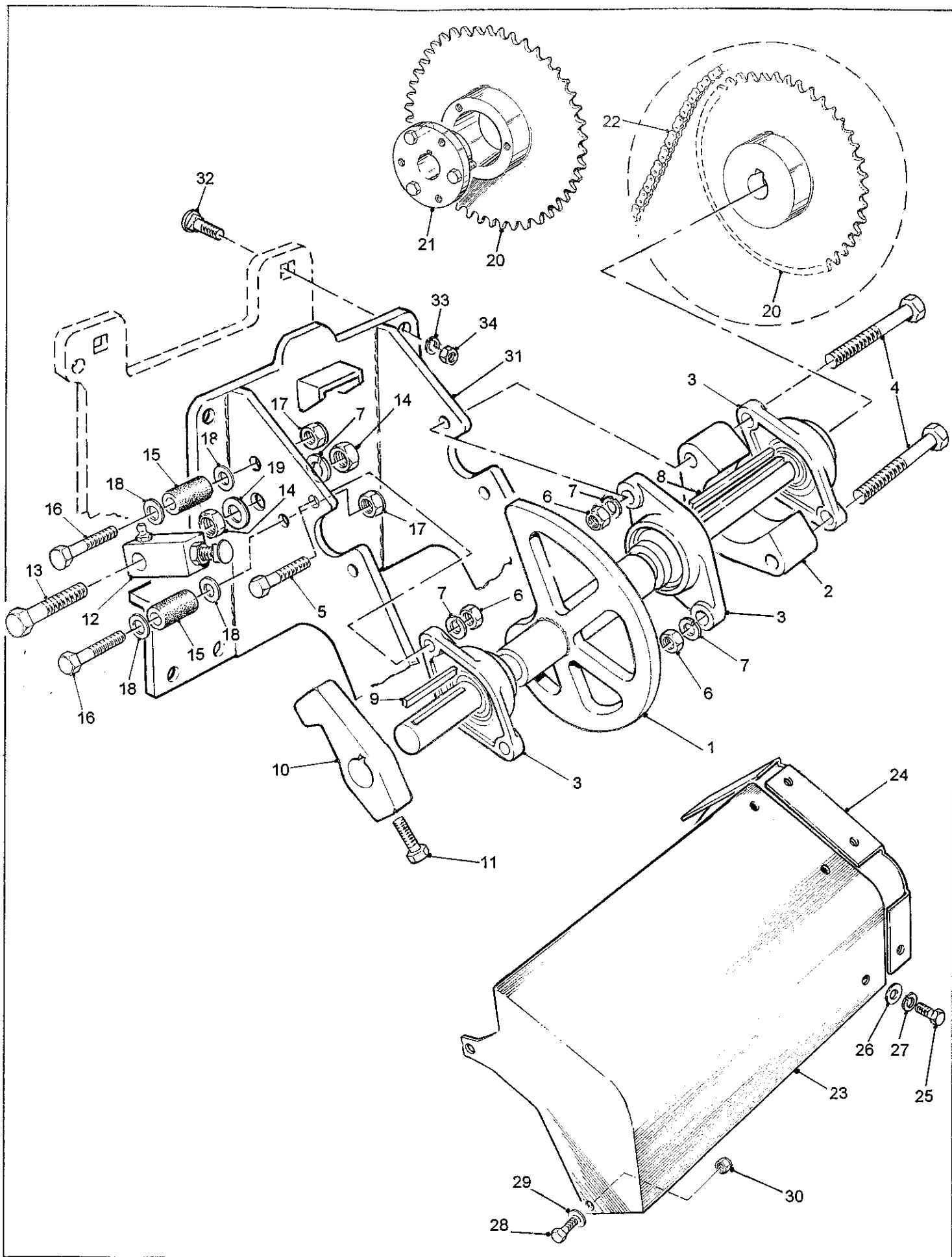
Circular groove in Cutter Arm, as shown in Illustration, identifies Cutter Arms with 5 deg. Offset.



Note
 The two piece roller assembly is
 'non-current'.
 See page 23 for the standard one-
 piece roller.

ITEM NO.	PART NO.	DESCRIPTION	QTY
GROUND ROLLER - TWO PIECE			
1	H300163	Roller Bracket -16 in.	1
	H300165	Roller Bracket -18 in.	1
	H300166	Roller Bracket -24 in.	1
2	H100432	Roller L.H. 16 in.	1
	H100441	Roller L.H. 18 in.	1
	H100443	Roller L.H. 24 in.	1
3	H100433	Roller R.H. 16 in.	1
	H100442	Roller R.H. 18 in.	1
	H100444	Roller R.H. 24 in.	1
4	KX20005	Seal	2
5	KX20007	Bearing - Inner	2
6	KX20006	Bearing - Outer	2
7	KX20008	Washer -	2
8	KX20002	Nut - Slotted	2
9	KX20003	Cotter Pin	2
10	KX20004	Dust Cap	1
11	H300164	Shaft - Chain Drive	1
12	F040514	Bolt 5/16 UNC x 1 1/2 Gr. 8	6
13	F310500	Lockwasher 5/16	6
14	F924444	Key 1/4 x 1/4 x 4 1/2	1
15	H300092	Sprocket Guard	1
16	F140402	Set Screw 1/4-24 x 1/4 Soc. Hd. Cup Pt.	1
17	Option	Sprocket - Ground Roller (See page 8)	1
18	Option	Taper Lock Bushing (See Page 8)	1
19	KM30019	Plug	16
20	F020820	Carriage Bolt 1/2 UNC x 2	4
21	F330808	Washer 1/2 Sae. Gr. 8	4
22	F310800	Lockwasher 1/2	4
23	H300095	Roller Scraper 16 in. Std.	1
	H300098	Roller Scraper 16 in. Studded (Option)	1
	H300096	Roller Scraper 18 in. Std.	1
	H300099	Roller Scraper 18 in. Studded (Option)	1
	H300097	Roller Scraper 24 in. Std.	1
	H300100	Roller Scraper 24 in. Studded (Option)	1
24	F040610	Bolt 3/8 UNC x 1 Gr. 8	2
25	F320600	Washer 3/8	2
26	F310600	Lockwasher 3/8	2
27	KD90106	Roller Stud (Option)	5
28	H300029	Adjuster Screw (Roller Adjust)	2
29	KM10051	Lock Collar	2

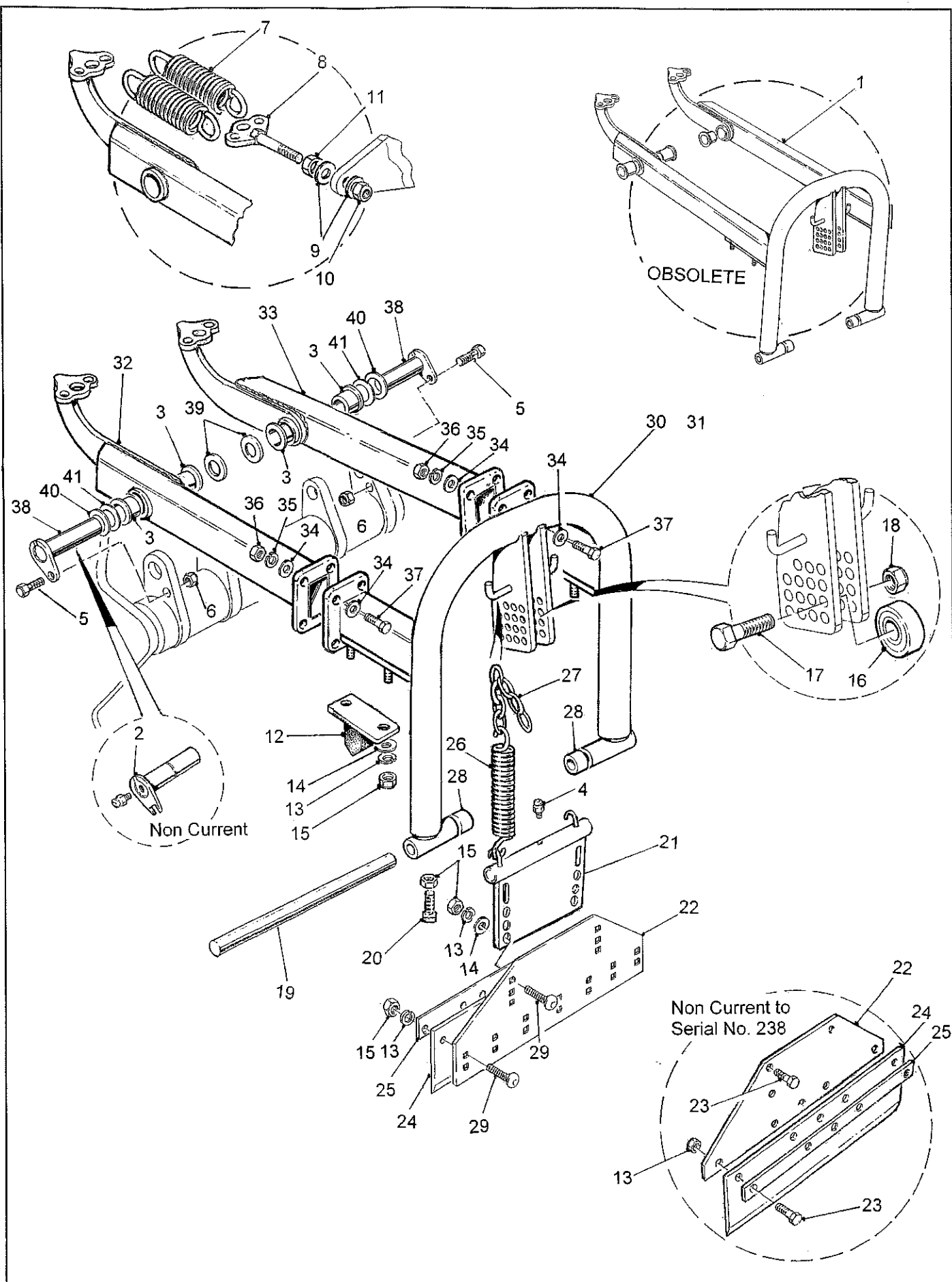
Note
The two piece roller assembly is 'non-current'.
See page 23 for the standard one-piece roller.



ITEM NO.	PART NO.	DESCRIPTION	QTY
		LIFT CAM, BACKSTOP CAM & BACKSTOP 16,18 & 24in.	
1	H300107	Lift Cam. Roll-Up 16 in. - 54 to 96in. Cut. (See item 35 for 18 in.)	1
	H300109	Lift Cam. Slab. 16 in. - 36 to 48in. Cut	1
	H300111	Lift Cam. (Fast) Slab 16 in. - 24 in. Cut	1
	H300039	Lift Cam. Roll-Up 24 in. - 54 to 96 in. Cut	1
	H300054	Lift Cam. Std. Slab 24 in. - 36 to 48 in. Cut	1
	H300083	Lift Cam. Fast. Slab 24 in. 24 in. Cut	1
2	H100476	Spacer. 2 in. Standard.	1
	H100403	Spacer. 1 in. (Non-current)	1
3	KB32016	Flanged Bearing	3
4	F081044	Bolt 5/8 unf x4 1/2 Gr.8	2
5	F081014	Bolt 5/8 unf x 1 1/2 Gr.8	2
6	F231050	Nut 5/8 unf	4
7	F311000	Lockwasher 5/8	5
8	F924423	Key 1/4 x 1/4 x 2 3/8	1
9	F924420	Key 1/4 x 1/4 x 2	1
10	-----	Backstop Cam. (c/w bolt item 11) See table on page 7	1
11	F041610	Bolt 3/8 unc x 1 Gr.8	1
12	H500115	Cam Backstop Assy.	1
13	F041016	Bolt 5/8 unc x 1 3/4 Gr.8	1
14	F231000	Nut 5/8 unc	2
15	H100068	Backstop Cushion	2
16	F040274	Bolt 7/16 unc x 2 1/2 Gr.8	2
17	F210700	Locknut 7/16 unc	2
18	F330700	Washer 7/16	4
19	F321000	Washer 5/8	1
20	Option	Sprocket - Cam drive. (See page 8 for sprocket options)	1
21	Ref.	Bushing. (See page 8)	1
22	H100278	Chain #40. Kit c/w connecting link 10ft. (See note)	1
23	H300043	Cam Cover Guard 16 & 18 in.	1
	H300044	Cam Cover Guard 24in.	1
24	H300172	End Cover - Cam Guard. 16 & 24 in. (H300191 End Cover 18in.)	1
25	F040506	Bolt 5/16 unc x 3/4 Gr.8	3
26	F330500	Washer 5/16	3
27	F310500	Lockwasher 5/16	3
28	F040410	Bolt 1/4 unc x 1 Gr.8	2
29	F330 400	Washer 1/4	2
30	F210400	Locknut 1/4 unc	2
31	H300021	Cam Mount 16 & 18 in.	1
	H300036	Cam Mount 24 in.	1
32	F020814	Bolt 1/2 unc x 1 1/2 Carriage	6
33	F310800	Lockwasher 1/2	6
34	F230800	Nut 1/2 unc	6
35	H300188	Lift Cam. 18 in. - 54 to 96 in. cut	1
	H300189	Lift Cam. 18 in. - 36 to 48 in. cut	1
	H300190	Lift Cam. 18 in. - 24 in. cut	1
		NOTE	
		Chain length varies according to the sprocket size fitted. Ten feet of chain is supplied. Cut and fit to length required.	

ITEM NO.	PART NO.	DESCRIPTION	QTY
		BACKSTOP CAMS	
		CUT LENGTH IN INCHES	
	H100211	21- 24	
	H100212	22 - 25	
	H100213	23 - 27	
	H100214	25 - 29	
	H100215	26 - 32	
	H100216	28 - 34	
	H100217	30 - 38	
	H100218	33 - 40	
	H100219	37 - 45	
	H100220	40 - 52	
	H100221	45 - 60	
	H100222	50 - 70	
	H100223	65 - 85	
	H100224	80 - 100	
	H100225	90 - 110	

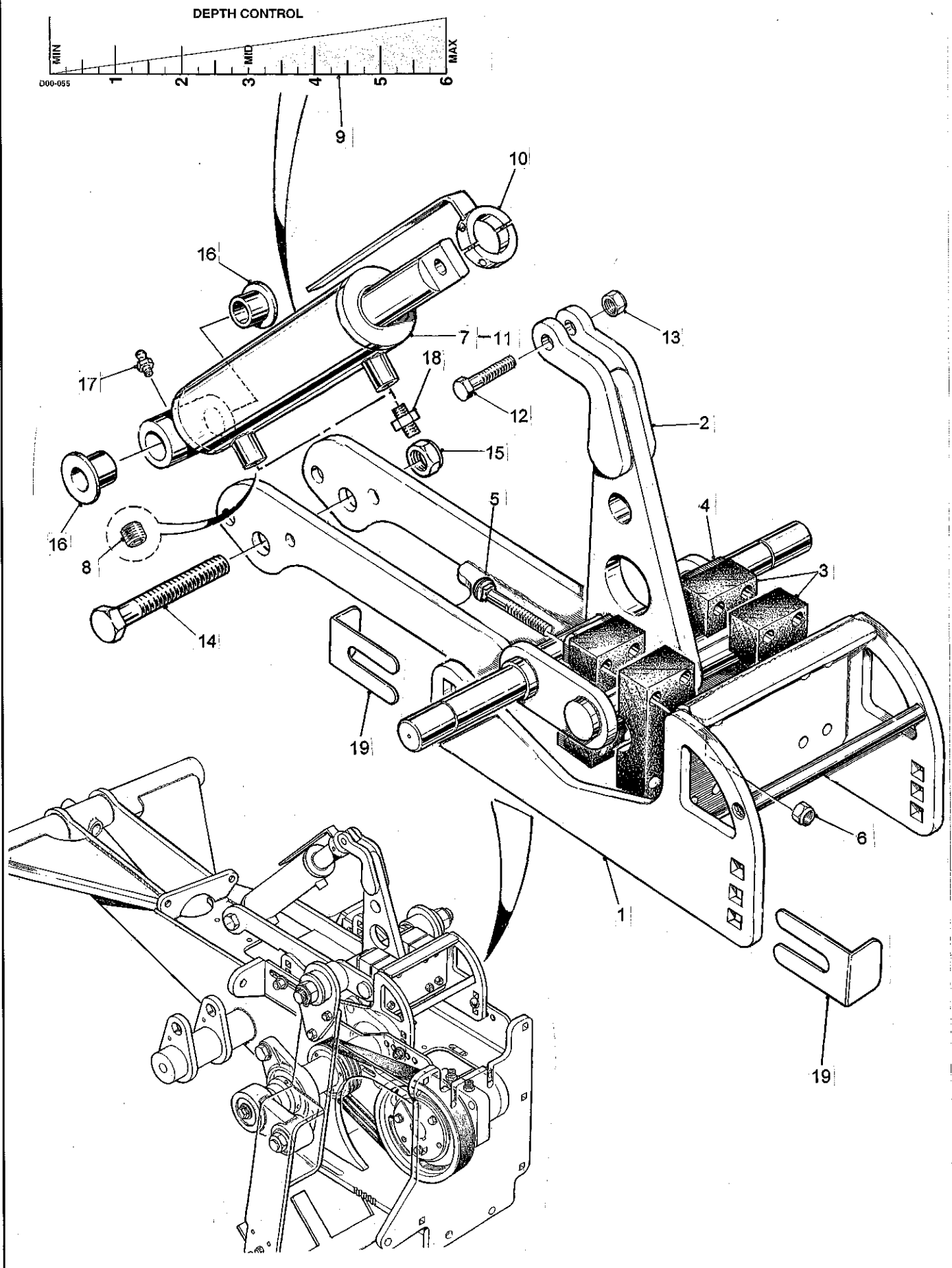
ITEM NO.	PART NO.	DESCRIPTION	QTY
	SPLIT TAPER LOCK BUSHING TYPE 'H' KD80002	ROLL-UP & CUT-OFF SPROCKET OPTIONS	
		KD71010 - Sprocket. 10 Tooth 1.00 Bore With Keyway	
		KD71110 - Sprocket. 11 Tooth 1.00 Bore With Keyway	
		KD71210 - Sprocket. 12 Tooth 1.00 Bore With Keyway	
		KD71310 - Sprocket. 13 Tooth 1.00 Bore With Keyway	
		KD71410 - Sprocket. 14 Tooth 1.00 Bore With Keyway	
	KD80015 - Use	KD71510 - Sprocket. 15 Tooth 1.00 Bore With Keyway	
	KD80016 - Use	KD71610 - Sprocket. 16 Tooth 1.00 Bore With Keyway	
	KD80017 - Use	KD71710 - Sprocket. 17 Tooth 1.00 Bore With Keyway	
	KD80018 - Use	KD71810 - Sprocket. 18 Tooth 1.00 Bore With Keyway	
	KD80019 - Use	KD71910 - Sprocket. 19 Tooth 1.00 Bore With Keyway	
	KD80020 - Use	KD72010 - Sprocket. 20 Tooth 1.00 Bore With Keyway	
	KD80021 - Use	KD72110 - Sprocket. 21 Tooth 1.00 Bore With Keyway	
	KD80022 - Use	KD72210 - Sprocket. 22 Tooth 1.00 Bore With Keyway	
	KD80023 - Use	KD72310 - Sprocket. 23 Tooth 1.00 Bore With Keyway	
	KD80024 - Use	KD72410 - Sprocket. 24 Tooth 1.00 Bore With Keyway	
	KD80025 - Use	KD72510 - Sprocket. 25 Tooth 1.00 Bore With Keyway	
	SPLIT TAPER LOCK BUSHING TYPE 'P' KD80003		
	KD80026 - Use	KD72610 - Sprocket. 26 Tooth 1.00 Bore With Keyway	
	KD80027 - Use	KD72710 - Sprocket. 27 Tooth 1.00 Bore With Keyway	
	KD80028 - Use	KD72810 - Sprocket. 28 Tooth 1.00 Bore With Keyway	
	KD80029 - Use	KD72910 - Sprocket. 29 Tooth 1.00 Bore With Keyway	
	KD80030 - Use	KD73010 - Sprocket. 30 Tooth 1.00 Bore With Keyway	
	KD80031 - Use	KD73110 - Sprocket. 31 Tooth 1.00 Bore With Keyway	
	KD80032 - Use	KD73210 - Sprocket. 32 Tooth 1.00 Bore With Keyway	
	KD80033 - Use	KD73310 - Sprocket. 33 Tooth 1.00 Bore With Keyway	
	KD80034 - Use	KD73410 - Sprocket. 34 Tooth 1.00 Bore With Keyway	
	KD80035 - Use	KD73510 - Sprocket. 35 Tooth 1.00 Bore With Keyway	
	KD80036 - Use	KD73610 - Sprocket. 36 Tooth 1.00 Bore With Keyway	
	KD80037 - Use	KD73710 - Sprocket. 37 Tooth 1.00 Bore With Keyway	
	KD80038 - Use	KD73810 - Sprocket. 38 Tooth 1.00 Bore With Keyway	
	KD80039 - Use	KD73910 - Sprocket. 39 Tooth 1.00 Bore With Keyway	
	KD80040 - Use	KD74010 - Sprocket. 40 Tooth 1.00 Bore With Keyway	
	KD80041 - Use	KD74110 - Sprocket. 41 Tooth 1.00 Bore With Keyway	
	KD80042 - Use	KD74210 - Sprocket. 42 Tooth 1.00 Bore With Keyway	
	KD80043 - Use	KD74310 - Sprocket. 43 Tooth 1.00 Bore With Keyway	
	KD80044 - Use	KD74410 - Sprocket. 44 Tooth 1.00 Bore With Keyway	
	KD80045 - Use	KD74510 - Sprocket. 45 Tooth 1.00 Bore With Keyway	
	KD80046 - Use	KD74610 - Sprocket. 46 Tooth 1.00 Bore With Keyway	
	KD80047 - Use	KD74710 - Sprocket. 47 Tooth 1.00 Bore With Keyway	
	KD80048 - Use	KD74810 - Sprocket. 48 Tooth 1.00 Bore With Keyway	
	KD80049 - Use	KD74910 - Sprocket. 49 Tooth 1.00 Bore With Keyway	
	KD80050 - Use	KD75010 - Sprocket. 50 Tooth 1.00 Bore With Keyway	
	KD80051 - Use	KD75110 - Sprocket. 51 Tooth 1.00 Bore With Keyway	
	KD80052 - Use	KD75210 - Sprocket. 52 Tooth 1.00 Bore With Keyway	
	KD80053 - Use	KD75310 - Sprocket. 53 Tooth 1.00 Bore With Keyway	
	KD80054 - Use	KD75410 - Sprocket. 54 Tooth 1.00 Bore With Keyway	
	KD80055 - Use	KD75510 - Sprocket. 55 Tooth 1.00 Bore With Keyway	
	KD80056 - Use	KD75610 - Sprocket. 56 Tooth 1.00 Bore With Keyway	



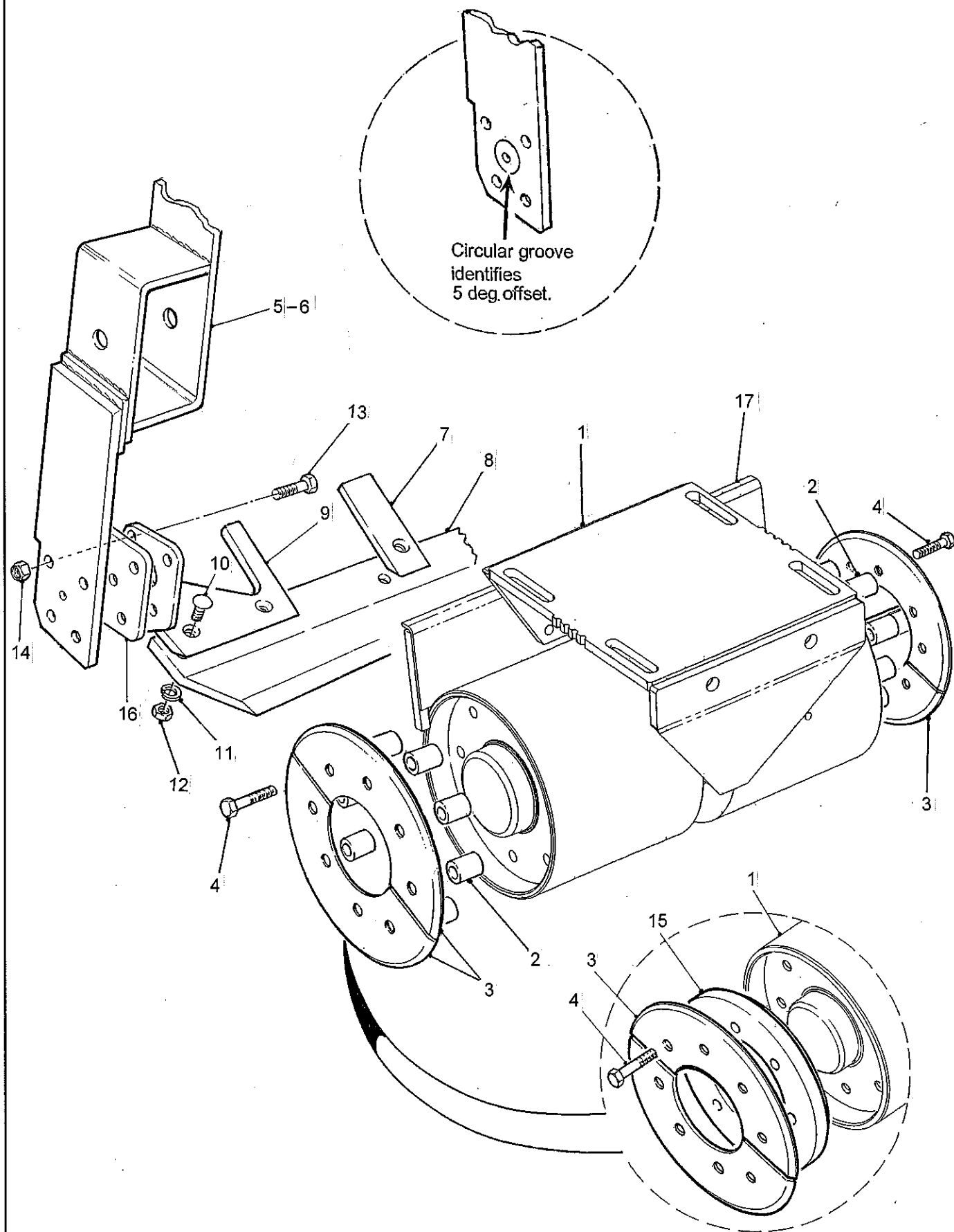
ITEM NO.	PART NO.	DESCRIPTION	QTY
		CUT-OFF LIFT ARM	
1	H300020	Cut-off Lift Arm 16 & 18 in. - Obsolete (Replaced by Item 30, 32 & 33.)	1
	H300037	Cut-off Lift Arm 24 in. - Obsolete (Replaced by Item 31, 32 & 33.)	1
2	H300012	Pivot Pin - Non Current	2
3	H100009	Flanged Bushing	4
4	KM11040	Grease Fitting	1
5	F040510	Bolt 5/16 unnc x 1 Gr.8	2
6	F210500	Locknut 5/16 unc	2
7	H100100	Cut-off Spring	4
8	H300022	Spring Tension Adjuster	2
9	F331008	Washer 5/8 Gr.8	4
10	F211000	Locknut 5/8 unc	2
11	F221000	Jam Nut 5/8 unc	2
12	KS60001	Rebound Bumper	2
13	F310600	Lockwasher 3/8	15
14	F320600	Washer 3/8	15
15	F230600	Nut 3/8 unc	15
16	KB12127	Cam Follower	1
17	F040824	Bolt 1/2 unc x 2 1/2 Gr.8	1
18	F210800	Locknut 1/2 unc	1
19	H100054	Pivot Shaft 16 & 18in.	1
	H100167	Pivot Shaft 24 in.	1
20	F110606	Screw 3/8 unc x 3/4. Sq. Hd. Cup PT. Set	2
21	H300016	Cut-off Blade Holder 16 & 18 in.	1
	H300038	Cut-off Blade Holder 24 in.	1
22	H100077	Blade Holder 16 & 18 in. (Up to Serial No.238)	1
	H100168	Blade Holder 24 in. (Up to Serial No.238)	1
	H100469	Blade Holder 16 & 18 in. (From Serial No. 239)	1
	H100470	Blade Holder 24 in. (From Serial No. 239)	1
23	F040614	Bolt 3/8 unc x 1 1/2 Gr.8	9
24	KR16001	Cut-off Blade 16in. Straight	1
	KR16002	Cut-off Blade 16 in.Serrated	1
	KR18001	Cut-off Blade 18 in.Straight	1
	KR18002	Cut-off Blade 18 in.Serrated	1
	KR24001	Cut-off Blade 24 in.Straight	1
	KR24002	Cut-off Blade 24 in.Serrated	1
25	H100110	Blade Clamp 16 &18 in.	1
	H100169	Blade Clamp 24 in.	1
26	KS20002	Spring	2
27	H100294	Drop Chain	2
28	H100511	Spacer. Cut-off Frame	2
29	F020612	Bolt 3/8 x 1 1/4. Carriage. (See note)	9
30	H300042	Front Frame. 16 & 18 in. Cut Off	1
31	H300047	Front Frame. 24 in. Cut Off	1
32	H300203	Cut Off Arm. R.H.	1
33	H300202	Cut Off Arm. L.H.	1
34	F320500	Flatwasher 5/16	16
35	F310500	Lockwasher 5/16	8
36	F210500	Locknut 5/16-18 unc	8
37	F040510	Bolt 5/16-18 unc x 1 Gr.8	8
38	H300211	Pivot Pin	2
39	F381013	Shim Washer 1 in.	2
40	H100568	Shim Washer. Thick	A/R
41	H100569	Shim Washer. Thin	A/R

NOTE

Use Carriage Bolt F020612 with Blade Holders H100469 & H100470 that have square bolt holes in them, otherwise use Bolt F040614.

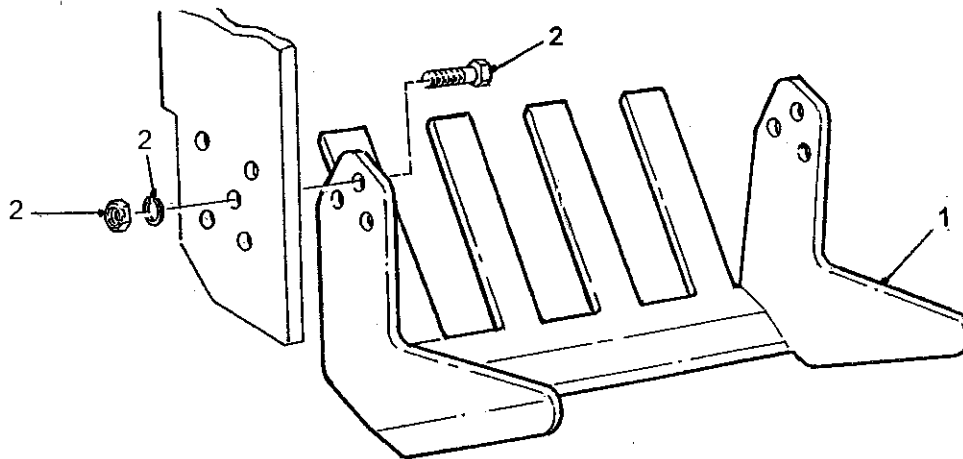


ITEM NO.	PART NO.	DESCRIPTION	QTY
		DEPTH ADJUSTER ASSEMBLY	
	H500023	Depth Adjuster Ass'y 16 in. & 18 in.	REF
	H500024	Depth Adjuster Ass'y 24 in.	REF
1	H300008	Pitch Adjuster Bracket 16 in. & 18 in.	1
	H300032	Pitch Adjuster Bracket 24 in.	1
2	H300007	Cutter Top Pivot 16 in. & 18 in.	1
	H300033	Cutter Top Pivot 24 in.	1
3	H100028	Bearing Set	2
4	H100029	Clamp Plate	2
5	F020640	Bolt 3/8 UNC x 4 Carriage Lg.	8
6	F210600	Locknut 3/8 UNC	8
7	H500001	Cylinder - Depth Control - See Note 1	1
8	H100129	Restrictor - Depth Control Cyl.	1
9	D001-055	Decal Depth Indicator	1
10	H300028	Depth Indicator Pointer. c/w set screws	1
11	H500199	Cylinder - Depth Control Ass'y.	1
12	F040820	Bolt 1/2 UNC x 2 GR. 8	1
13	F210800	Locknut 1/2 UNC	1
14	F041650	Bolt 1 x 5 UNC GR. 8	1
15	F231600	Locknut 1 UNC (Thin)	1
16	H100009	Bushing - Cylinder	2
17	KM11400	Grease Fitting	1
18	4-4-070120	Fitting - Straight Thread 'O' Ring Connector	2
19	H100593	Shim. Depth Adjuster. 16 GA.	A/R
	H100594	Shim. Depth Adjuster. 20 GA.	A/R
		NOTE 1 KH70067 - Seal Kit for Depth Control Cylinder. NOTE Depth Cylinder Assembly - H500199 includes items 7, 8, 9, 16, 17 & 18.	



ITEM NO.	PART NO.	DESCRIPTION	QTY
		COULTER BLADE ASSEMBLY	
1	-----	Ground Roller Assy.	Ref
2	H100343	Spacer Boss	16
3	KR00019	Coulter Blade - Set. 9 1/2 in. dia. Std.	2
	KR00018	Coulter Blade - Set. 10 in. dia.	2
	KR00017	Coulter Blade - Set. 11 in. dia.	2
	KR00016	Coulter Blade - Set. 12 in. dia.	2
4	F040722	Bolt 7/16 UNC x 2 1/4 GR. 8	16
5	H300065	Side Arm, R.H. (Coulter)	1
	H300104	Side Arm, R.H. (Coulter) With 5deg. Offset	1
6	H300064	Side Arm, L.H. (Coulter) Not Shown	1
	H300103	Side Arm, L.H. (Coulter) With 5deg. Offset	1
7	H100229	Centre Finger	1
8	KR16011	Sod Cutter Bottom Blade 3/16 x 16	1
	KR16012	Sod Cutter Bottom Blade H.D. 1/4 x 16	1
	KR18011	Sod Cutter Bottom Blade 3/16 x 18	1
	KR18012	Sod Cutter Bottom Blade H.D. 1/4 x 18	1
	KR24011	Sod Cutter Bottom Blade 3/16 x 24	1
	KR24012	Sod Cutter Bottom Blade H.D. 1/4 x 24	1
9	H100226	Holder 3-Piece Blade L.H.	1
	H100227	Holder 3-Piece Blade R.H.	1
10	F470610	Plow Bolt 3/8 UNC x 1	5
11	F310600	Lockwasher 3/8	5
12	F230600	Nut 3/8 UNC	5
13	F080510	Bolt 5/16 UNF x 1 Gr. 8	8
14	F210550	Locknut 5/16 UNF	8
15	H100108	Coulter Spacer Disc. (See Note 1)	2
	H100622	Coulter Spacer Disc. 10 in. Roller (See Note 1)	2
16	H100240	Spacer. Side Blade	2
17	H300095	Roller Scraper. 16 in.	1
	H300096	Roller Scraper. 18 in.	1
	H300097	Roller Scraper. 24 in.	1
	H300213	Roller Scraper. 16 in. - 10 in. Roller	1
	H300214	Roller Scraper. 18 in. - 10 in. Roller	1
	H300215	Roller Scraper. 24 in. - 10 in. Roller	1
		NOTE Circular groove in Cutter Arm indicates 5deg. Offset Options See Page 15	
		NOTE 1 The Coulter Spacer Disc is fitted in place of the Spacer Bosses when operating in stoney, gravel, sandy conditions.	
		NOTE The Ground Roller Assembly Shown is for reference. The Coulter Blades are the same for the Standard One-Piece Roller Refer to page 3 for the Non Current Two-Piece Rollers Assy. & page 23 for One-Piece Roller Assy.	

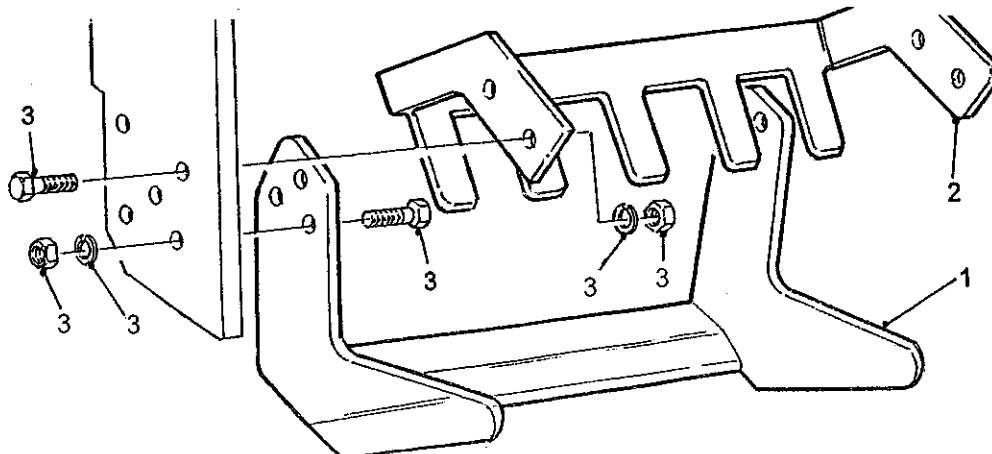
ITEM NO.	PART NO.	DESCRIPTION	QTY
CUTTING BLADES			
1	KR16003	Cutting Blade 16 x 1/4 x 2 1/2 Straight 4 Finger	1
	KR16004	Cutting Blade 16 x 1/4 x 3 Formed HD. 4 Finger	1
	KR18003	Cutting Blade 18 x 1/4 x 2 1/2 Straight HD. 4 Finger	1
	KR18004	Cutting Blade 18 x 1/4 x 3 Formed HD. 4 Finger	1
	KR24003	Cutting Blade 24 x 1/4 x 2 1/2 Straight HD. 5 Finger	1
	KR24004	Cutting Blade 24 x 1/4 x 3 Formed HD. 5 Finger	1
2	H500200	Cutting Blade Bolt Assembly	6



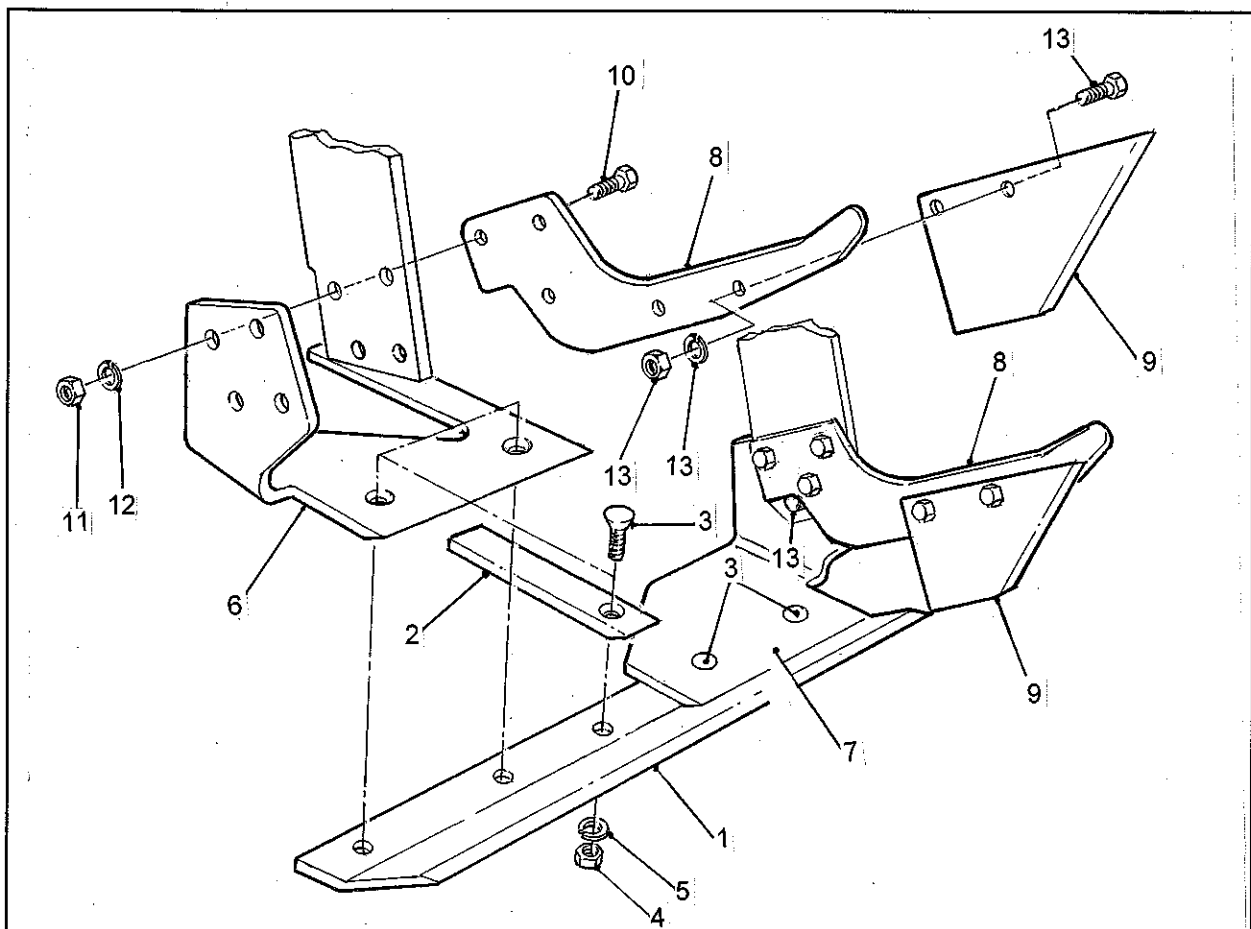
1	KR16005	Cutting Blade 16 x 1/4 x 2 1/2 HD.	1
	KR16006	Cutting Blade 16 x 1/4 x 3 Formed HD.	1
	KR18005	Cutting Blade 18 x 1/4 x 2 1/2 HD.	1
	KR18006	Cutting Blade 18 x 1/4 x 3 Formed HD.	1
	KR24005	Cutting Blade 24 x 1/4 x 2 1/2 HD.	1
	KR24006	Cutting Blade 24 x 1/4 x 3 Formed HD.	1
2	H100323	Sod Guide Bracket 16 in.	1
	H100324	Sod Guide Bracket 18 in.	1
	H100325	Sod Guide Bracket 24 in.	1
3	H500200	Cutting Blade Bolt Assembly	10

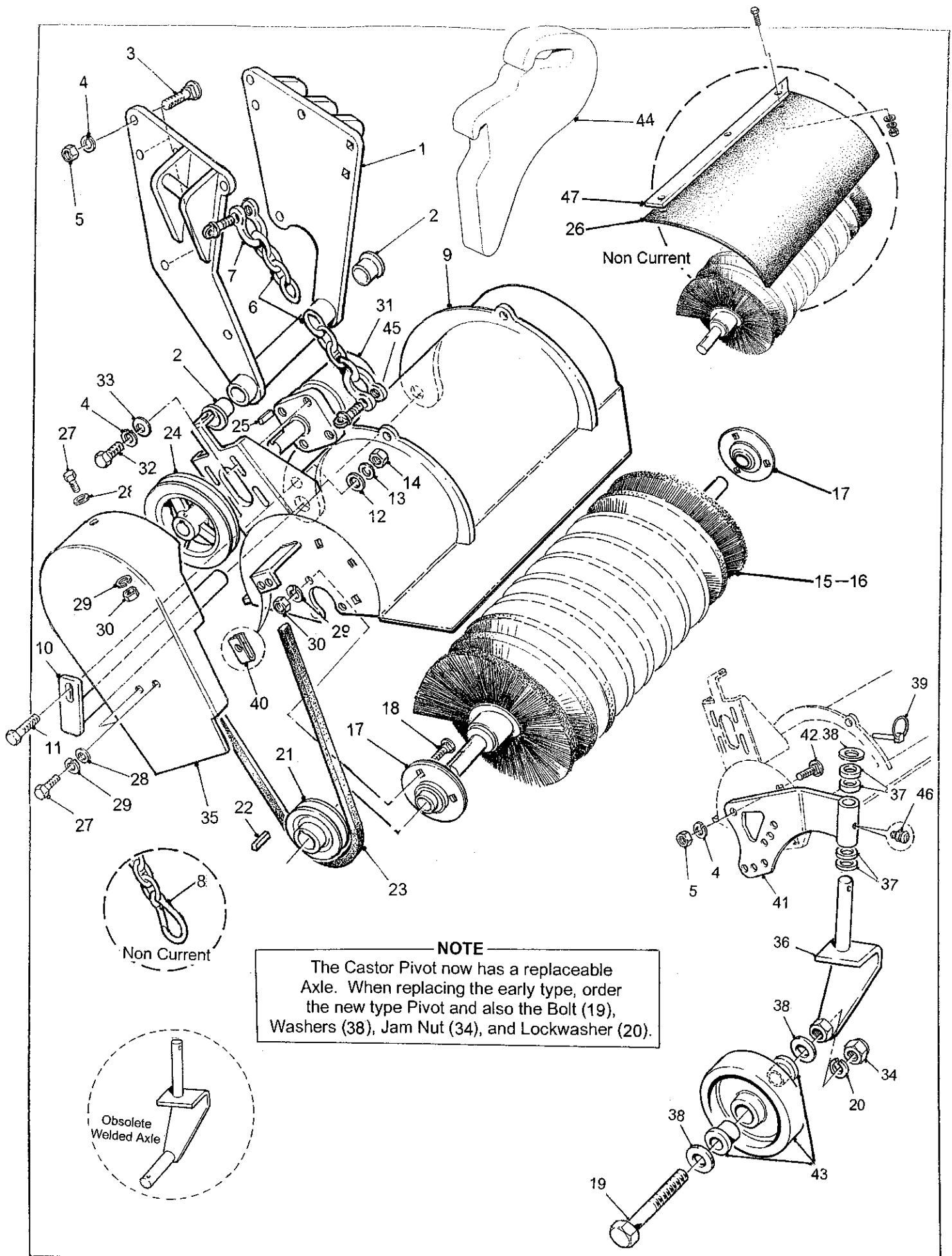
NOTE

H500200 - Cutting Blade Bolt Assembly includes a 5/16 Bolt, Locknut & Lockwasher.



ITEM NO.	PART NO.	DESCRIPTION	QTY
CUTTING BLADES 3 - PIECE UNI-BLADE			
1	KR16011	Bottom Blade 16 x 3/16 x 3	1
	KR16012	Bottom Blade 16 x 1/4 x 3 HD	1
	KR18011	Bottom Blade 18 x 3/16 x 3	1
	KR18012	Bottom Blade 18 x 1/4 x 3 HD	1
	KR24011	Bottom Blade 24 x 3/16 x 3	1
	KR24012	Bottom Blade 24 x 1/4 x 3 HD	1
2	H100229	Centre Finger	1
3	F470610	Plow Bolt	5
4	F230600	Nut	5
5	F310600	Lockwasher	5
6	KR16014	Blade Holder RH 16 in. & 18 in.	1
7	KR16013	Blade Holder LH 16 in. & 18 in.	1
8	H100228	Side Blade Holder	2
9	KR00011	Side Blade (0.089 in.)	2
	KR00012	Side Blade 3 1/4 Wide	2
	KR00013	Side Blade 3/16	2
10	F080514	Bolt 5/16 unf x 1 1/2 Gr. 8	6
11	F210550	Nut 5/16 unf	6
12	F310500	Lockwasher 5/16	6
13	H500200	Cutting Blade Bolt Assembly	6

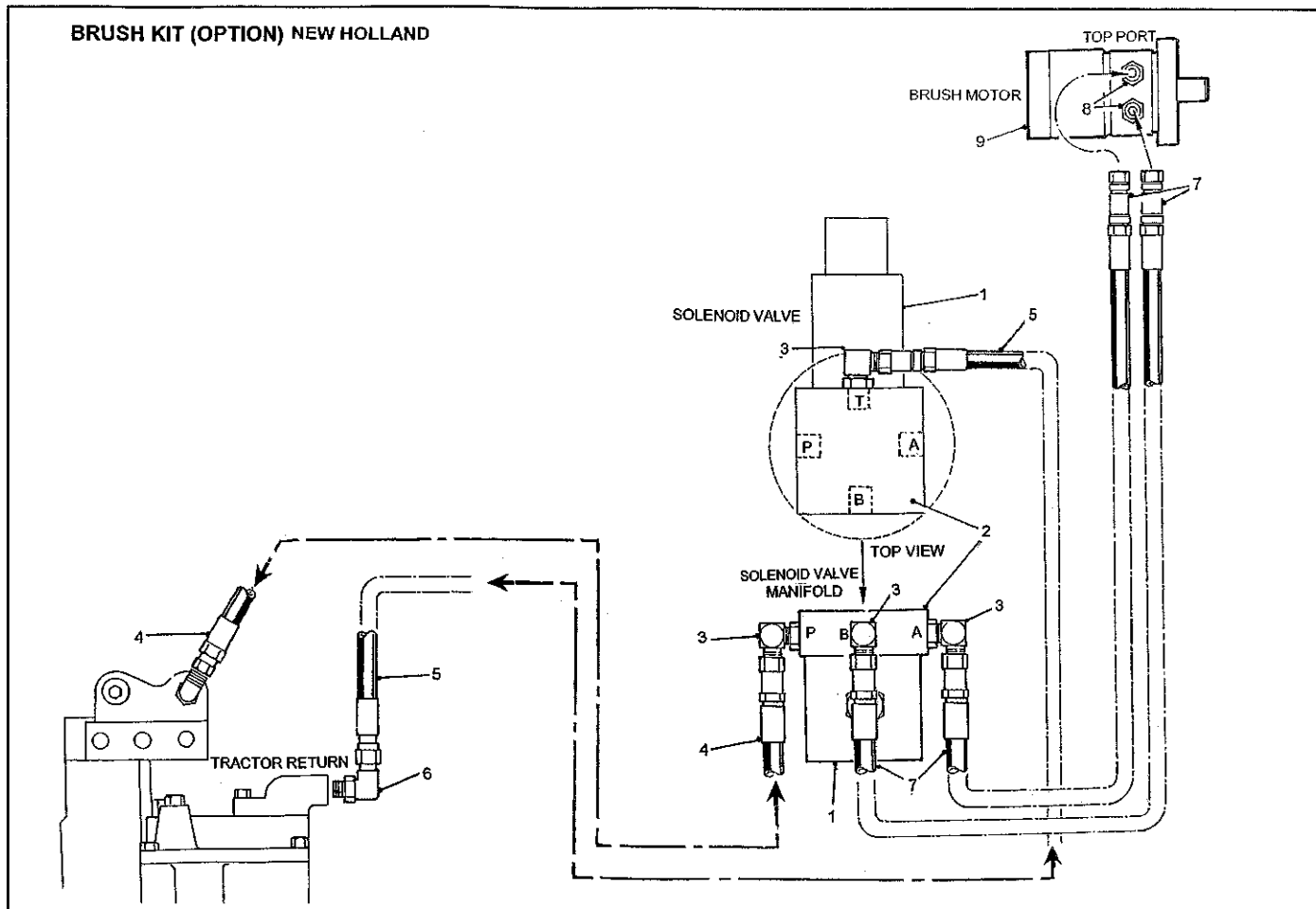




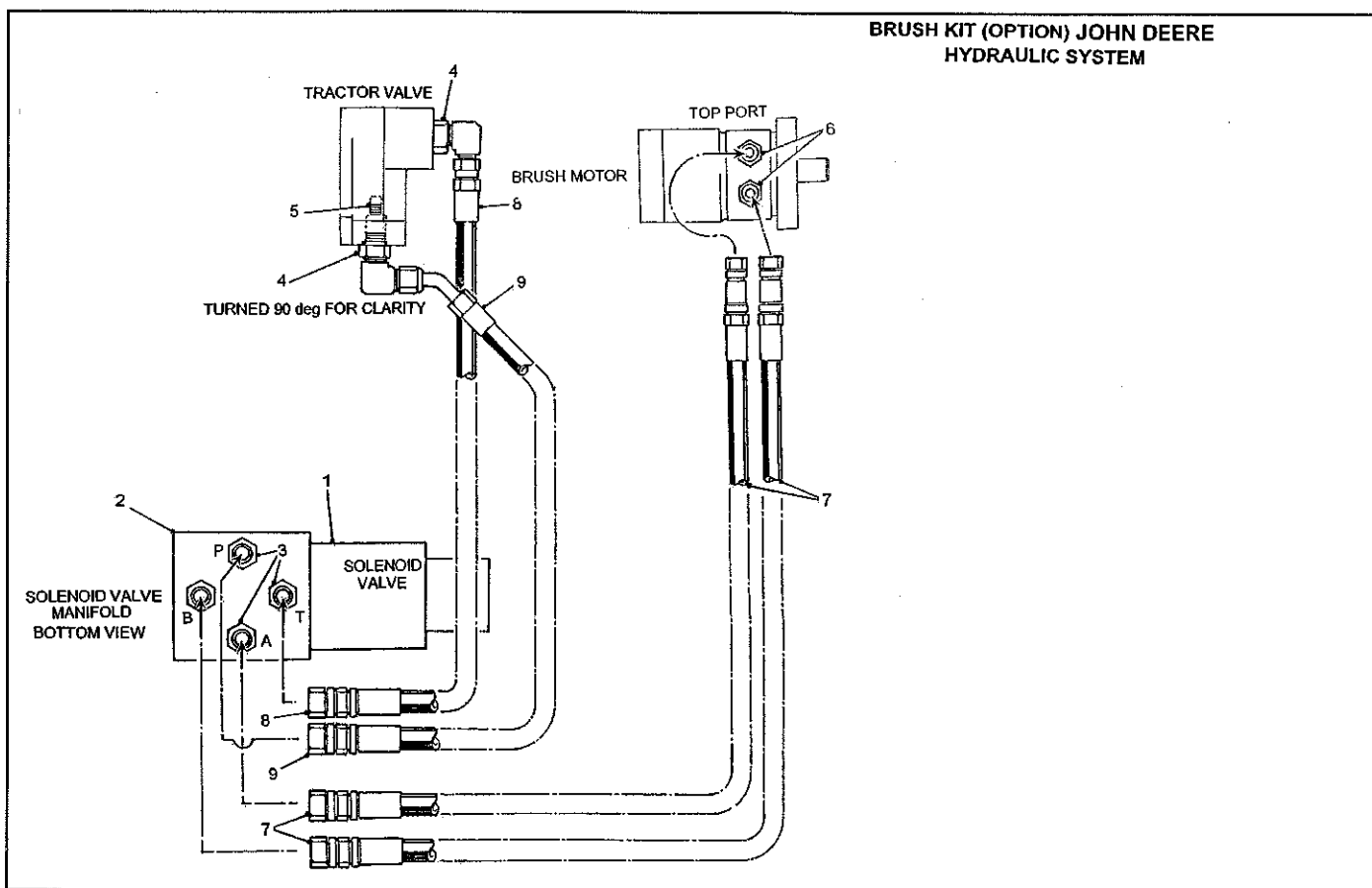
NOTE
 The Castor Pivot now has a replaceable Axle. When replacing the early type, order the new type Pivot and also the Bolt (19), Washers (38), Jam Nut (34), and Lockwasher (20).

ITEM NO.	PART NO.	DESCRIPTION	QTY
		BRUSH ATTACHMENT	
1	H300063	Sweeper Head Mount 16 & 18in. (H300078 - 24in.)	1
2	KB11224	Bushing Flanged 0.75 ID x 1.00 x 1.50 lg	2
3	F020614	Bolt Carriage 3/8 UNC x 1.50	6
4	F310600	Lockwasher 3/8	13
5	F230600	Nut 3/8 UNC	9
6	H100316	Safety Chain	1
7	KC01004	Screw Pin Anchor Shackle - 1/4	1
8	CC01002	Snap Link - Non Current	1
9	H300062	Sweeper Brush Mount 16 & 18in. (H300080 - 24 in.)	1
10	H300061	Brush Tilt Shaft 16 & 18in. (H300081 - 24in.)	1
11	F040406	Bolt 1/4 UNC x 3/4 GR. 8	1
12	F320400	Washer 1/4	1
13	F310400	Lockwasher	1
14	F240400	Nut 1/4 UNC	1
15	H300068	Sweeper Brush. 16 & 18in.	1
16	H300079	Sweeper Brush. 24 in.	1
17	KB33012	Flanged Bearing 0.75 Dia. 3 Bolt	2
18	F020510	Carriage Bolt 5/16 UNC x 1.00 Lg	6
19	F041244	Bolt 3/4 unc x 4 1/2 Gr.8	1
20	F311200	Lockwasher 3/4	1
21	KD11047	Sheave 3.60 PDA x 0.75 Bore	1
22	F920312	Key 3/16 x 3/16 x 1.25	1
23	KD10016	'V' Belt	1
24	KD11070	Sheave 6.00 PDA x 1.00 Bore	1
25	F924412	Key 1/4 x 1/4 x 1.25	1
26	H100547	Brush Deflector. - 16 & 18 in. - Non Current	1
	H100548	Brush Deflector. - 24 in. - Non Current	1
27	F040506	Bolt 5/16 x 3/4 GR. 8	3
28	F320500	Washer 5/16	3
29	F310500	Lockwasher 5/16	7
30	F230500	Nut 5/16 UNC	7
31	KH30014	Brush Kit Motor	1
	KH70054	Seal Kit. Brush Kit Motor	1
32	F040610	Bolt 3/8 UNC x 1 GR. 8	4
33	F320600	Washer 3/8	4
34	F221200	Jam Nut 3/4 unc	1
35	H300074	Sweeper Belt Cover	1
36	H300070	Castor Pivot	1
37	H100306	Castor Pivot Spacer	4
38	F321200	Washer 3/4	3
39	KX30020	Linch Pin	1
40	F240500	Clip Nut 5/16	2
41	H300069	Castor Bracket	1
42	F020610	Carriage Bolt 3/8 UNC x 1.00	3
43	KW88200	Wheel Assembly c/w Wheel KW88100 & Bushings KB88100	1
44	H100384	Head Weight	3
45	KC01005	Screw Pin Anchor Shackle - 5/16in.	1
46	KM11400	Grease Fitting	1
47	H100549	Clamp Bar. Deflector. - 16 & 18 in. - Non Current	1
	H100550	Clamp Bar. Deflector. - 24 in. - Non Current	1

BRUSH KIT (OPTION) NEW HOLLAND

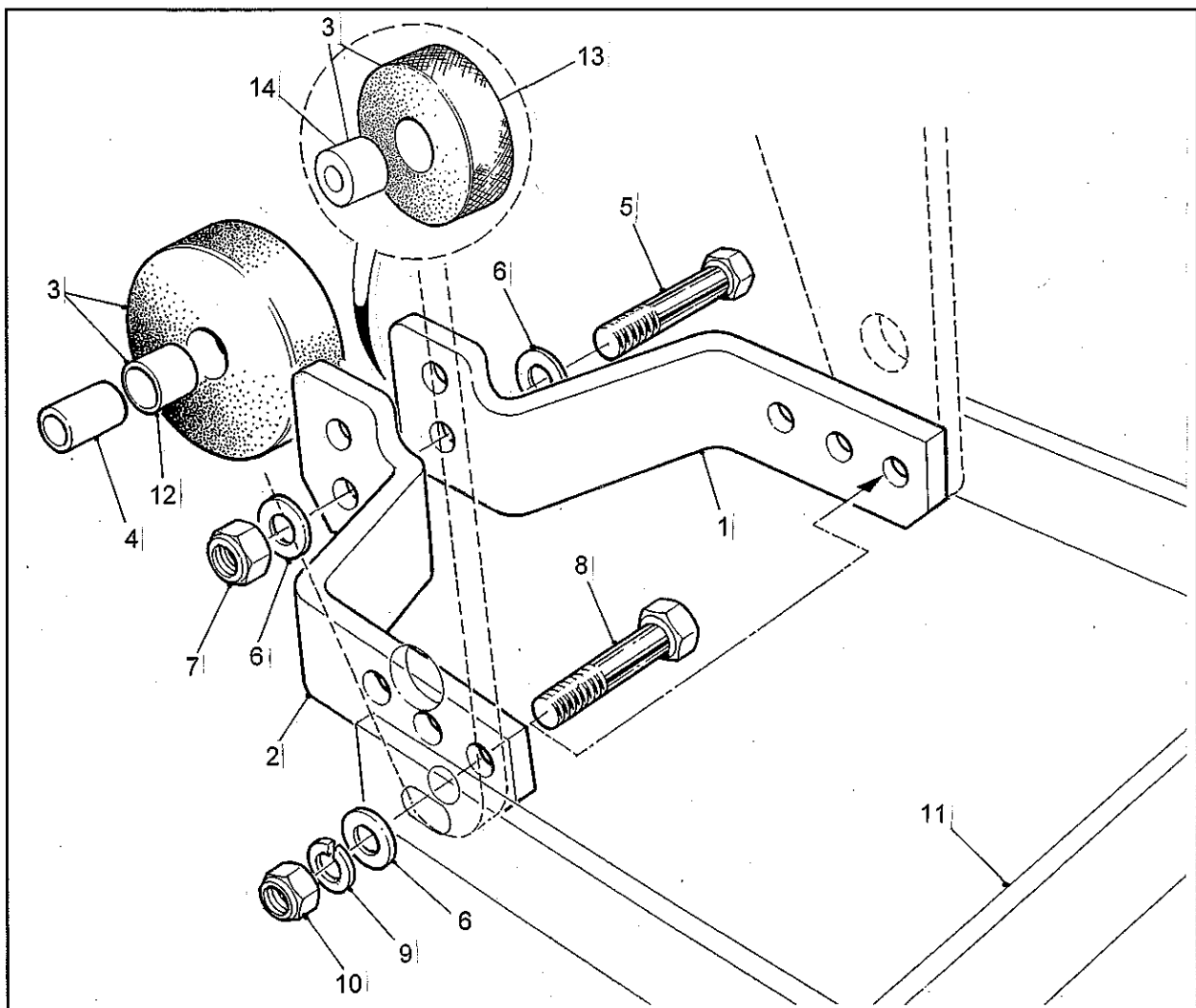


BRUSH KIT (OPTION) JOHN DEERE HYDRAULIC SYSTEM

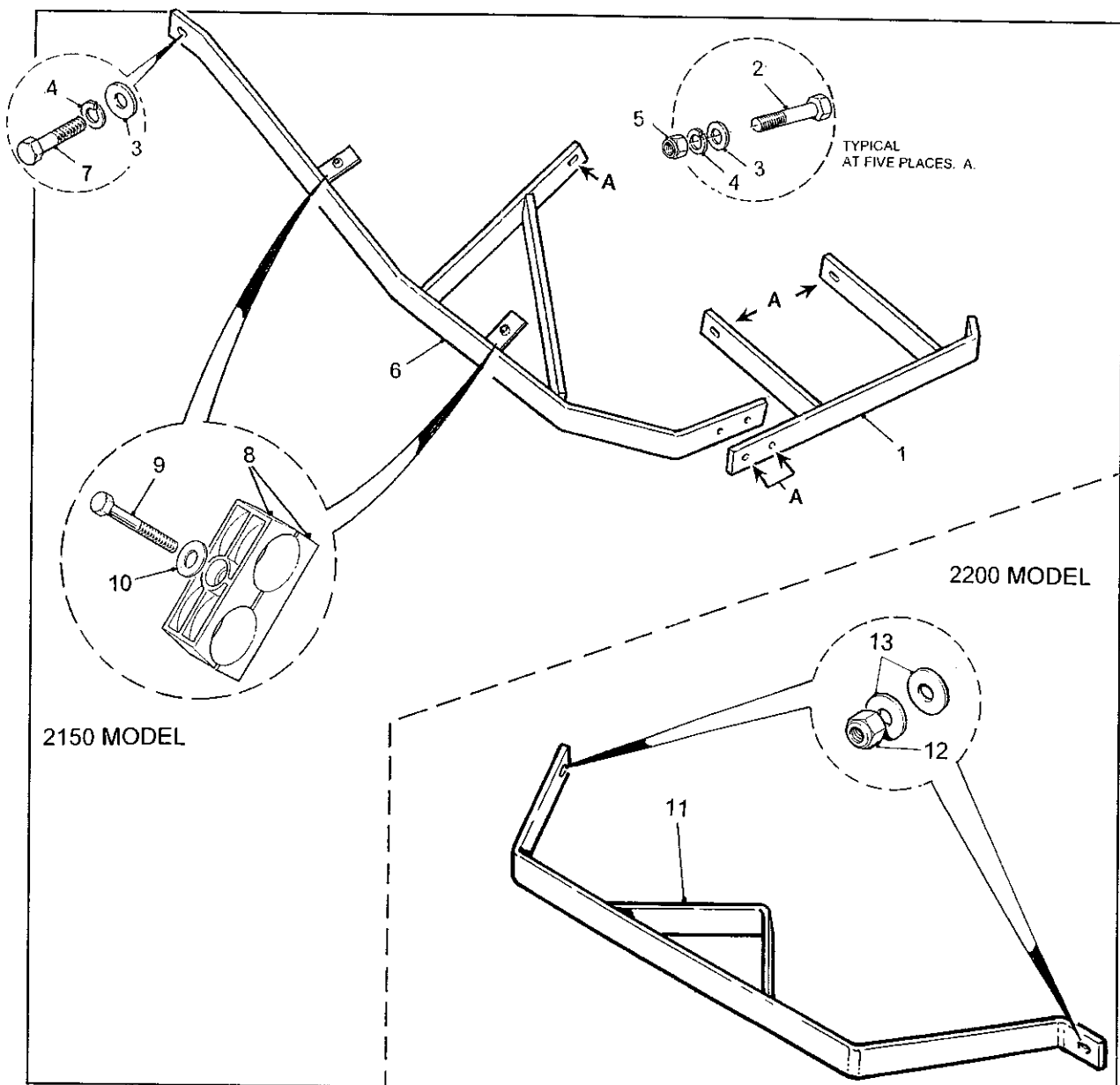


ITEM NO.	PART NO.	DESCRIPTION	QTY
BRUSH KIT (OPTION) NEW HOLLAND HYDRAULIC SYSTEM			
1	KH20059	Solenoid Valve	1
2	KH20060	Manifold N.H.	1
3	8-8-070220	Elbow 90 deg. Manifold Block	4
4	H500562	Hose Assembly - Aux. Valve to Brush Valve	1
5	H500563	Hose Assembly - Brush Valve to 3 Point Hitch	1
6	8-18-070287	Elbow 90 deg. - Tractor Return	1
7	H500561	Hose Assembly - Brush Valve to Brush Motor	2
8	8-10-070120	Adaptor - Cutter Motor	2
9	KH30014	Brush Motor	1
10	F180412	Bolt 1/4 UNC x 1 1/4 Soc. Hd. (Solenoid Valve to Manifold)	4
11	F180614	Bolt 3/8 UNC x 1 1/2 Soc. Hd. (Manifold to Frame)	2
ITEMS 10 & 11 NOT ILLUSTRATED			
ITEM NO.	PART NO.	DESCRIPTION	QTY
BRUSH KIT (OPTION) JOHN DEERE			
1	KH20059	Solenoid Valve	1
2	KH20061	Manifold J.D.	1
3	8-8-070120	N°8 O-Ring Connector	4
4	8-22-070287	N°8 90 deg. Tube to Metric O-Ring Adapter	2
5	6-130109N	Socket Pipe Plug 3/8 NPT	1
6	8-10-070120	N°8 Tube to N°10 O-Ring Connector	2
7	H500561	Hose Assembly, Brush Valve to Brush Motor	2
8	H500571	Hose Assembly, Tractor Valve to Brush Valve	1
9	H500572	Hose Assembly, Brush Valve to Tractor Valve	1
10	F180412	Bolt 1/4 UNC x 1 1/4 Soc. Hd. (Solenoid Valve to Manifold)	4
11	F040810	Bolt 1/2 UNC x 1 GR. 8 (Manifold to Mounting Brkt.)	2
ITEMS 10 & 11 NOT ILLUSTRATED.			

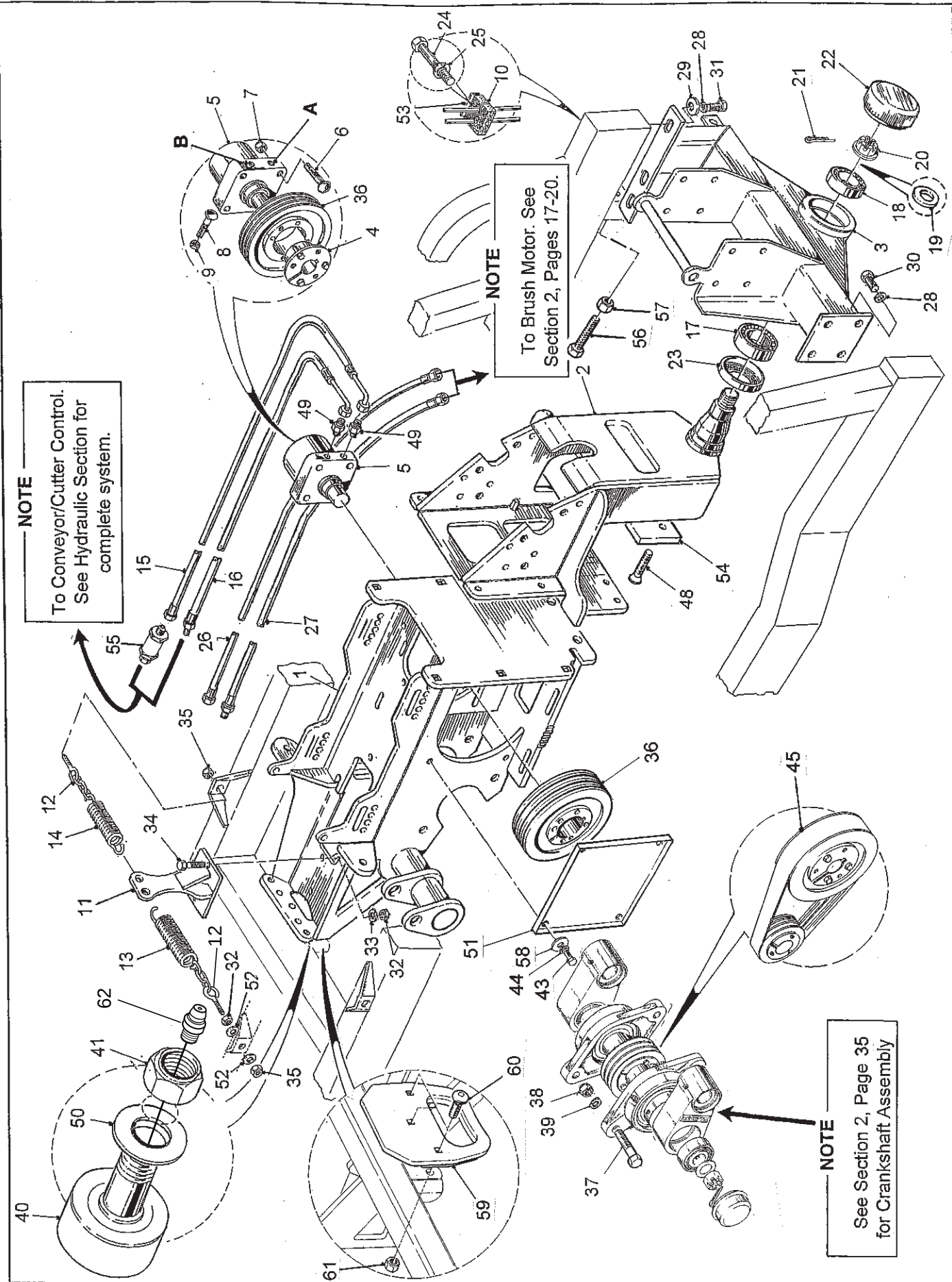
ITEM NO.	PART NO.	DESCRIPTION	QTY
REBOUND WHEEL			
1	H100055	Side Bar L.H. 16 & 18 in.	1
	H100060	Side Bar L.H. 24 in.	1
2	H100056	Side Bar R.H. 16 & 18 in.	1
	H100061	Side Bar R.H. 24 in.	1
3	H500052	Rebound Wheel c/w Bushing. Black Soft	1
	H500308	Rebound Wheel c/w Bushing. Orange Soft	1
	H500338	Rebound Wheel c/w Bushing. Black Hard	1
4	H100059	Wheel Shaft	1
5	F040624	Bolt 3/8 UNC x 2 1/2 GR. 8	1
6	F320600	Washer 3/8	2
7	F210600	Locknut 3/8 UNC	1
8	F040620	Bolt 3/8 UNC x 2 GR. 8	2
9	F310600	Lockwasher 3/8	2
10	F230600	Nut 3/8 UNC	2
11	H300076	Footguard - Front (See Page 22)	1
12	KB11214	Bushing	1
13	001507	Rebound Wheel. Black Hard	1
14	001764	Rebound Wheel Bushing	1



ITEM NO.	PART NO.	DESCRIPTION	QTY
FOOT GUARDS			
1	H300076	2150 Front Foot Guard (Not Fitted With Brush Kit) 16 & 18 in.	1
	H300051	2150 Front Foot Guard (Not Fitted With Brush Kit) 24 in.	1
2	F040614	Bolt 3/8 unc x 1 1/2 Gr.8	5
3	F320600	Washer 3/8	6
4	F310600	Lockwasher 3/8	6
5	F230600	Nut 3/8 unc	5
6	H300049	Side Foot Guard	1
7	F040610	Bolt 3/8 unc x 1 Gr. 8	1
8	KH65008	Hose Clamp (With Bush attachment)	4
9	F040520	Bolt 5/16 unc x 2 Gr.8	2
10	F320500	Washer 5/16	2
11	H301158	2200 Toe Guard	1
12	F210500	Locknut 5/16 unc	2
13	F320508	Washer 5/16 Gr.8	4



ITEM NO.	PART NO.	DESCRIPTION	QTY
GROUND ROLLER - ONE PIECE			
1	H300057	Bracket - Ground Roller 16in & 18in	1
	H300058	Bracket - Ground Roller 24in	1
2	H300059	Ground Roller 16 in.	1
	H300060	Ground Roller 18in	1
	H300075	Ground Roller 24 in.	1
3	KB32020	Flanged Bearing	2
4	F081016	Bolt 5/8 unf x 1 3/4 Gr.8	4
5	F311000	Lockwasher 5/8	4
6	F231050	Nut 5/8 unf	4
7	H300095	Boss Scraper 16 in.	1
	H300096	Boss Scraper 18in	1
	H300097	Boss Scraper 24 in.	1
8	F040610	Bolt 3/8 unc x 1 Gr.8	2
9	F320600	Washer 3/8	2
10	F310600	Lockwasher 3/8	2
11	H300029	Adjuster	2
12	KM10051	Lockcollar	2
13	F020820	Bolt 1/2 unc x 2 Carriage	4
14	F330808	Washer 1/2 S.A.E. Gr.8	4
15	F310800	Lockwasher 1/2	4
16	F230800	Nut 1/2 unc	4
17	KM30019	Plug	16
18	F924444	Key 1/4 x 1/4 x 4 1/2	1
19	Option	Sprocket - Ground Roller. (See page 8)	1
20	Option	Taper Lock Bushing (See page 8)	1
21	KD70003	Idler Sprocket	1
22	F041024	Bolt 5/8 unc x 2 1/2 Gr.8	1
23	F331000	Washer 5/8 Gr.8	3
24	F211000	Locknut 5/8 unc	1
25	H100505	Spacer (18 in. only)	1
26	F041040	Bolt 5/8 unc x 4 Gr.8 (18 in. only)	1
27	H300175	Ground Roller 18 in. Studded (Option)	1
	H300219	Ground Roller 24 in. Studded (Option)	1
28	H300174	Ground Roller 16 in. Studded (Option)	1
29	KD90106	Roller Stud (Option)	16
30	H300099	Scraper 18 in. Studded Roller	1
31	H300098	Scraper 16 in. Studded Roller	1
32	H300167	Ground Roller 10in. Dia. 16in. (option)	1
	H300168	Ground Roller 10in. Dia. 18in. (option)	1
	H300169	Ground Roller 10in. Dia. 24in. (option)	1
33	H300170	Bracket - Roller 10in. Dia. 16in. & 18in. (option)	1
	H300171	Bracket - Roller 10in. Dia. 24in. (option)	1
34	H300213	Boss Scraper 10in. Dia. 16in. (option)	1
	H300214	Boss Scraper 10in. Dia. 18in. (option)	1
	H300215	Boss Scraper 10in. Dia. 24in. (option)	1
35	H100542	Sprocket Cover. Ground Roller Sprocket. (Accessory)	1
36	H100559	Shim. Ground Roller Bracket	A/R



ITEM NO.	PART NO.	DESCRIPTION	QTY
2200 CUTTER HEAD ASSEMBLY			
1	H300176	Pivoting Head Frame 16in./18in.	1
	H300177	Pivoting Head Frame 24in.	1
2	H300178	Head Pivot & Cam Mount Bracket 16in./18in.	1
	H300179	Head Pivot & Cam Mount Bracket 24in	1
3	H301151	Pivoting Head Hub Frame 16in./18in.	1
	H301167	Pivoting Head Hub Frame 24in	1
4	KD52010	Taper Lock Bushing	1
5	KH30013	Cutter Motor	1
6	F020824	Carriage Bolt 1/2 unc x 2 1/2	4
7	F210800	Locknut 1/2 unc	4
8	F020830	Carriage Bolt 1/2 unc x 3	1
9	F220800	Jam Nut 1/2 unc	1
10	KH65007	Hose Clamp	1
11	H300192	Centering Spring Mount	1
12	H300195	Chain	2
13	H100100	Cut-Off Spring RH	1
14	KS20004	Centering Spring LH	1
15	H500615	Return Hose Assembly, Cutter "A Port" (Motor to Bulkhead)	1
	H500631	Return Hose Assembly, Cutter "A Port" (Motor to Bulkhead)	1
16	H500616	Supply Hose Assembly, Cutter "B Port" (Motor to Bulkhead)	1
	H500632	Supply Hose Assembly, Cutter "B Port" (Motor to Bulkhead)	1
17	KX20007	Bearing - Needle Roller	1
18	KX20006	Bearing - Needle Roller	1
19	KX20008	Flatwasher 1 1/4 - Non Current (Not required with Flanged Nut)	1
20	KX20002	Nut 1 1/4 Flanged. Slotted	1
21	KX20003	Cotter Pin	1
22	KX20004	Dust Cap	1
23	KX20005	Seal	1
24	F040534	Bolt 5/16 unc x 3 1/2 Gr.8	2
25	F320500	Lockwasher 5/16	2
26	H500625	Hose Assembly	1
27	H500626	Hose Assembly	1
28	F310800	Lockwasher 1/2	7
29	F320800	Flatwasher 1/2	2
30	F040810	Bolt 1/2 unc x 1 Gr.8	4
31	F040812	Bolt 1/2 unc x 1 1/4 Gr.8	3
32	F230600	Nut 3/8 unc	3
33	F310600	Lockwasher 3/8	2
34	F040610	Bolt 3/8 unc x 1 Gr.8	2
35	F210600	Locknut 3/8 unc	3
36	KD33800	Sheave, Triple Groove, Taper Lock	1
37	G0818060	Bolt M18 x 1.5 x 60 metric	4
38	G211850	Locknut M18 x 1.5 metric	4
39	G311000	Lockwasher M18 metric	4
40	KB12136	Cam Follower 2.50 O.D.	1
41	F211600	Locknut 1 in. unf	1
42	H100523	Rebound Bumper. (Obsolete) Replaced by Item 54 - Blade Bumper.	1
43	F040406	Bolt 1/4 unc x 3/4 Gr.8	3
44	F310400	Lockwasher 1/4 unc	3
45	KD62401	Drive Belt Triple 'V' Groove	1
46	H100524	Bushing. (Obsolete)	1
47	H100525	Retaining Washer. (Obsolete)	1
48	F120614	Bolt 3/8 unc x 1 1/2 FL HD SOC	1

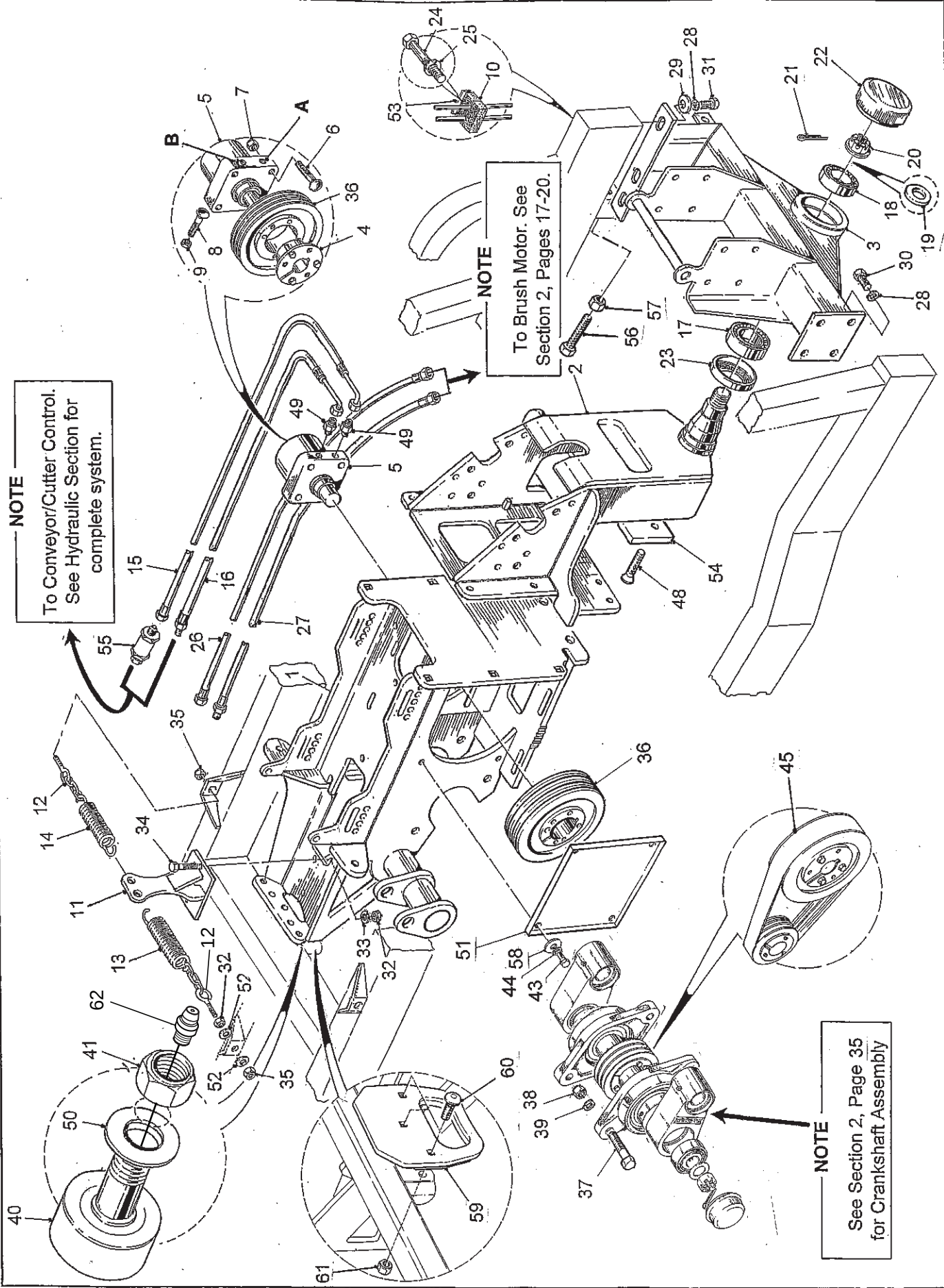
NOTE

Hose assemblies H500615 & H500616 are Non Current up to Serial Number 301. Hose Assemblies H500631 & H500632 are Current from Serial Number 302.

See Note

NOTE

Items 17, 18, 20, 21, 22, 23 are available as Service Kit - KX30010.

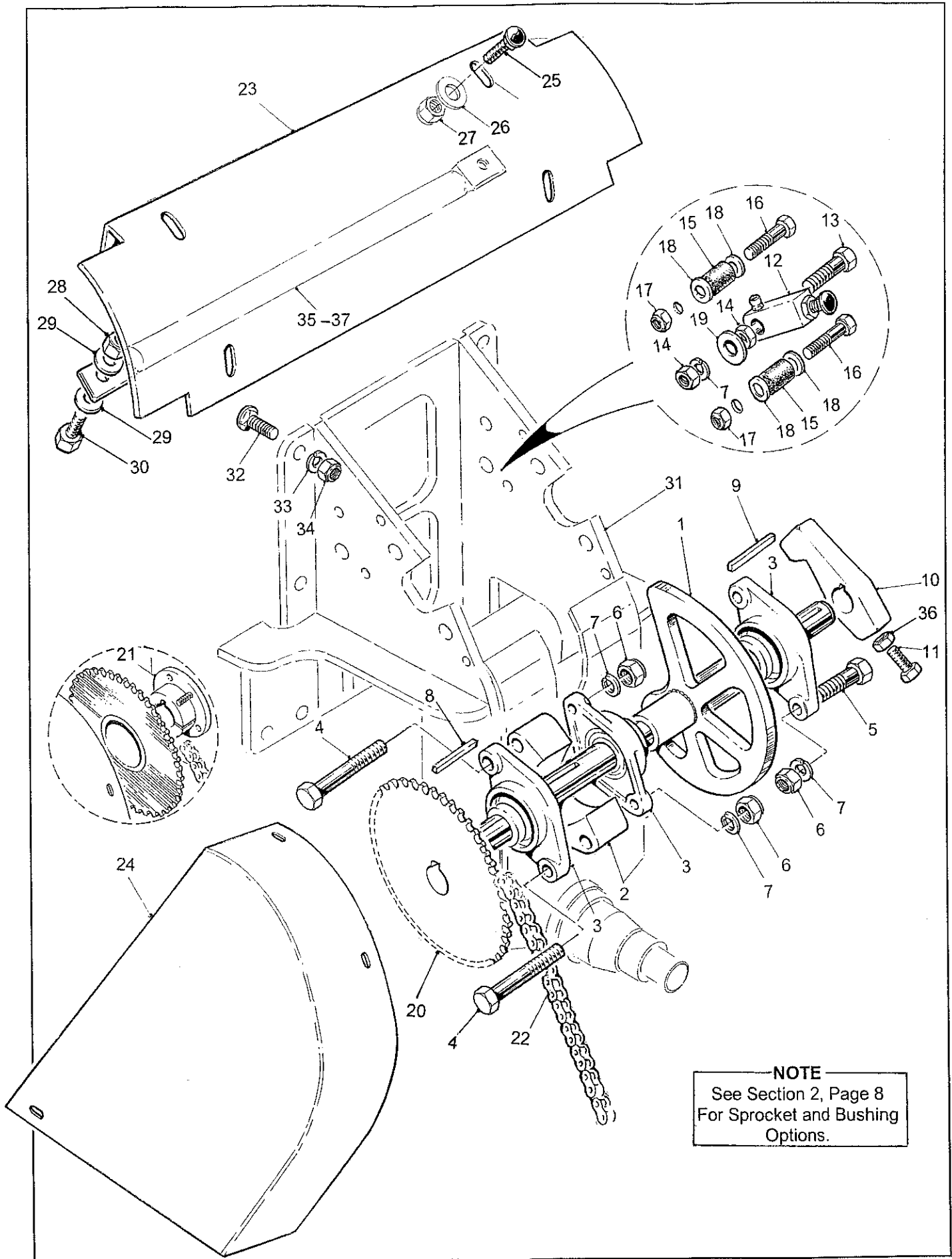


NOTE
To Conveyor/Cutter Control.
See Hydraulic Section for
complete system.

NOTE
To Brush Motor. See
Section 2, Pages 17-20.

NOTE
See Section 2, Page 35
for Crankshaft Assembly

ITEM NO.	PART NO.	DESCRIPTION	QTY
2200 CUTTER HEAD ASSEMBLY			
49	8-10-070120	Fitting - Straight Thread 'O' Ring Connector	2
50	F321600	Washer 1 in.	A/R
51	H100197	Belt Guard	1
52	F320600	Flatwasher 3/8	2
53	KH63004	Clamp Plate	3
54	H100546	Blade Bumper.	1
55	KH20111	In-line Filter	1
56	F030624	Bolt 3/8 unc x 2 1/2 Gr.8 Full Thread	1
57	F230600	Nut 3/8 unc	1
58	F320400	Flatwasher 1/4	3
59	H301222	Cam Follower Plate	1
60	F020814	Carriage Bolt 1/2 unc x 1 1/2 Gr.8	3
61	F210800	Locknut 1/2 unc	3
62	KM11302	Grease Fitting	1

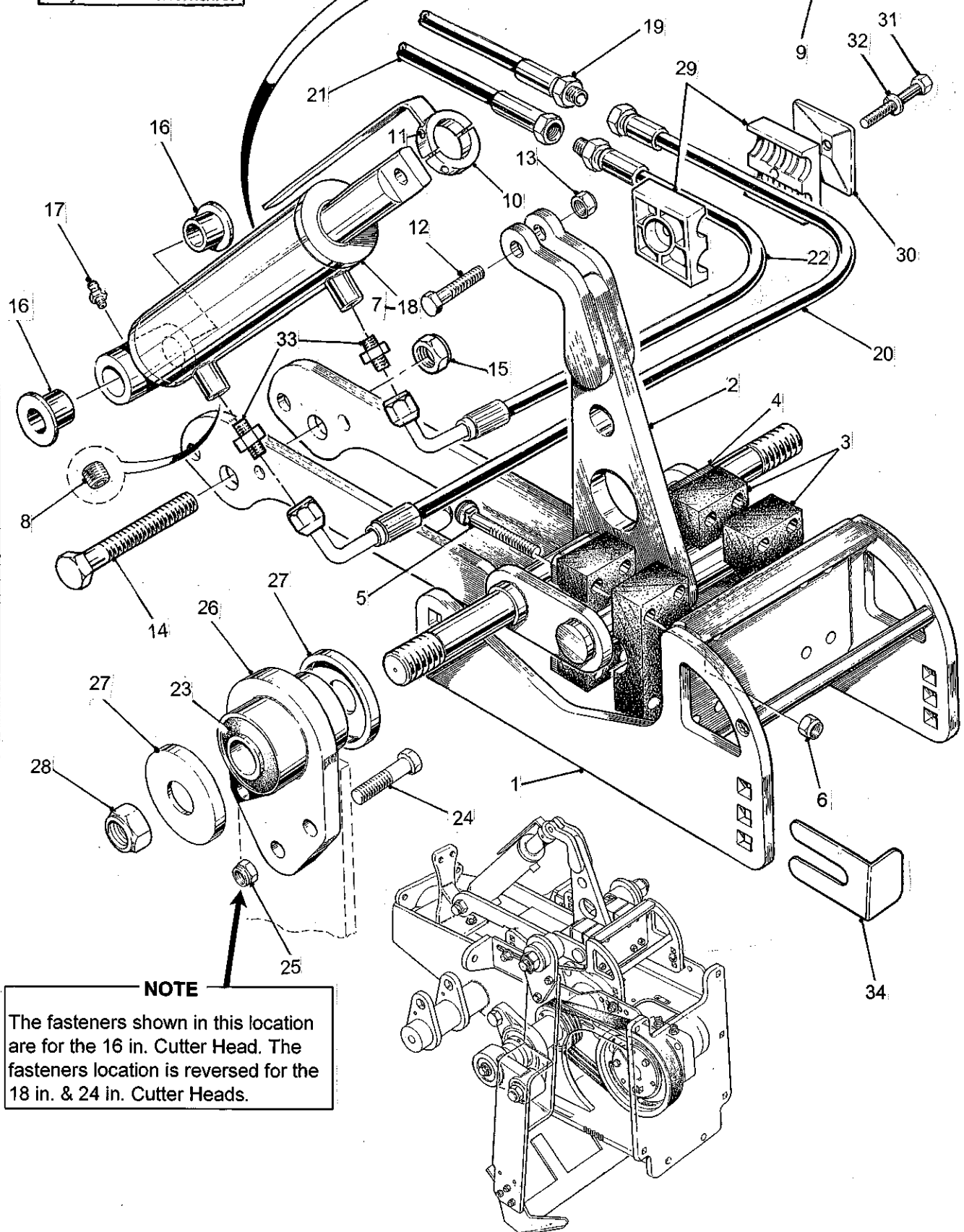
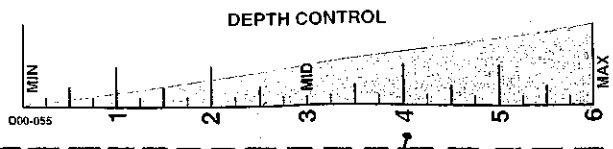


ITEM NO.	PART NO.	DESCRIPTION	QTY
		2200 LIFT CAM, BACKSTOP CAM & BACKSTOP 16,18 & 24in.	
1	H300182	Lift Cam. Roll-Up 16 in. & 18in.- 54 to 96in. Cut.	1
	H300183	Lift Cam. Slab. 16 in. & 18in. - 36 to 48in. Cut	1
	H300184	Lift Cam. (Fast) Slab 16 in. & 18in.- 24 in. Cut	1
	H300185	Lift Cam. Roll-Up 24 in. - 54 to 96 in. Cut	1
	H300186	Lift Cam. Slab 24 in. - 36 to 48 in. Cut	1
	H300187	Lift Cam. Slab 24 in. - 24 in. Cut	1
2	H100476	Spacer. 2 in. Standard.	1
3	KB32016	Flanged Bearing	3
4	F081044	Bolt 5/8 unf x4 1/2 Gr.8	2
5	F081014	Bolt 5/8 unf x 1 1/2 Gr.8	2
6	F231050	Nut 5/8 unf	4
7	F311000	Lockwasher 5/8	5
8	F924423	Key 1/4 x 1/4 x 2 3/8	1
9	F924420	Key 1/4 x 1/4 x 2	1
10	-----	Backstop Cam. (c/w bolt item 11) See table on page 7	1
11	F041612	Bolt 3/8 unc x 1 1/4 Gr.8	1
12	H500115	Cam Backstop Assy.	1
13	F041016	Bolt 5/8 unc x 1 3/4 Gr.8	1
14	F221000	Jam Nut 5/8 unc	2
15	H100068	Backstop Cushion	2
16	F040274	Bolt 7/16 unc x 2 1/2 Gr.8	2
17	F210700	Locknut 7/16 unc	2
18	F330700	Washer 7/16	4
19	F321000	Washer 5/8	1
20	Option	Sprocket - Cam drive. (See page 8 for sprocket options)	1
21	Ref.	Bushing. (See page 8)	1
22	H100278	Chain #40. Kit c/w connecting link 10ft. (See note)	1
23	H101555	Cam Cover Guard 16 & 18 in.	1
	H101566	Cam Cover Guard 24in.	1
24	H301161	Chain Guard	1
25	F040506	Carriage Bolt 5/16 unc x 1	4
26	F330500	Washer 5/16	4
27	F210500	Locknut 5/16 unc	4
28	F210600	Locknut 3/8 unc	2
29	F320600	Flatwasher 3/8	4
30	F040610	Bolt 3/8 unc x 1 Gr.8	2
31	H300178	Cam Mount 16 & 18 in.	1
	H300179	Cam Mount 24 in.	1
32	F020814	Bolt 1/2 unc x 1 1/2 Carriage	6
33	F310800	Lockwasher 1/2	6
34	F230800	Nut 1/2 unc	6
35	H101564	Spacer Tube 16 & 18in. - Obsolete	1
	H101565	Spacer Tube 24in. - Obsolete	1
36	F220600	Jam Nut 3/8 unc	1
37	A101307	Tie Bar 16 & 18in.	1
	A101208	Tie Bar 24in.	1

NOTE

Chain length varies according to the sprocket size fitted. Ten feet of chain is supplied. Cut and fit to length required.

NOTE
See Hydraulic Section
for complete
Hydraulic Schematic.



NOTE
The fasteners shown in this location
are for the 16 in. Cutter Head. The
fasteners location is reversed for the
18 in. & 24 in. Cutter Heads.

ITEM NO.	PART NO.	DESCRIPTION	QTY
		2200 DEPTH ADJUSTER ASSEMBLY	
	H500023	Depth Adjuster Ass'y 16 in. & 18 in.	REF
	H500024	Depth Adjuster Ass'y 24 in.	REF
1	H300008	Pitch Adjuster Bracket 16 in. & 18 in.	1
	H300032	Pitch Adjuster Bracket 24 in.	1
2	H300007	Cutter Top Pivot 16 in. & 18 in.	1
	H300033	Cutter Top Pivot 24 in.	1
3	H100028	Bearing Set	2
4	H100029	Clamp Plate	2
5	F020640	Bolt 3/8 UNC x 4 Carriage Lg.	8
6	F210600	Locknut 3/8 UNC	8
7	H500001	Cylinder - Depth Control - See Note 1	1
8	H100129	Restrictor - Depth Control Cyl.	1
9	D001-055	Decal Depth Indicator	1
10	H300028	Depth Indicator Pointer	1
11	F660406	Set Screws 1/2 UNC x 0.38 lg	1
12	F040820	Bolt 1/2 UNC x 2 GR. 8	1
13	F210800	Locknut 1/2 UNC	1
14	F041650	Bolt 1 x 5 UNC GR. 8	1
15	F231600	Locknut 1 UNC (Thin)	1
16	H100009	Bushing - Cylinder	2
17	KM11400	Grease Fitting	1
18	H500199	Depth Cylinder Assmely	1
19	H500617	Hose Assembly	1
20	H500618	Hose Assembly	1
21	H500619	Hose Assembly	1
22	H500620	Hose Assembly	1
23	KS50001	Isolator - Cutter Arm. See Note 2	2
24	F080714	Bolt 7/16 unf x 1 1/2 Gr.8	6
25	F210750	Locknut 7/16 unf	6
26	H500022	Cutter Arm - Top Pivot See Note 2	2
27	H100027	Bushing Spacer	4
28	F211650	Locknut 1 unf	2
29	KH65108	Twin Hose Clamp	1
30	KH63006	Cover Plate	1
31	F040422	Bolt 1/4 unc x 2 1/4 Gr. 8	1
32	F310400	Lockwasher 1/4	1
33	4-4-070120	Fitting - Straight Thread 'O' Ring Connector	2
34	H100593	Shim. Depth Adjuster. 16 GA.	A/R
	H100594	Shim. Depth Adjuster. 20 GA.	A/R

NOTE 1

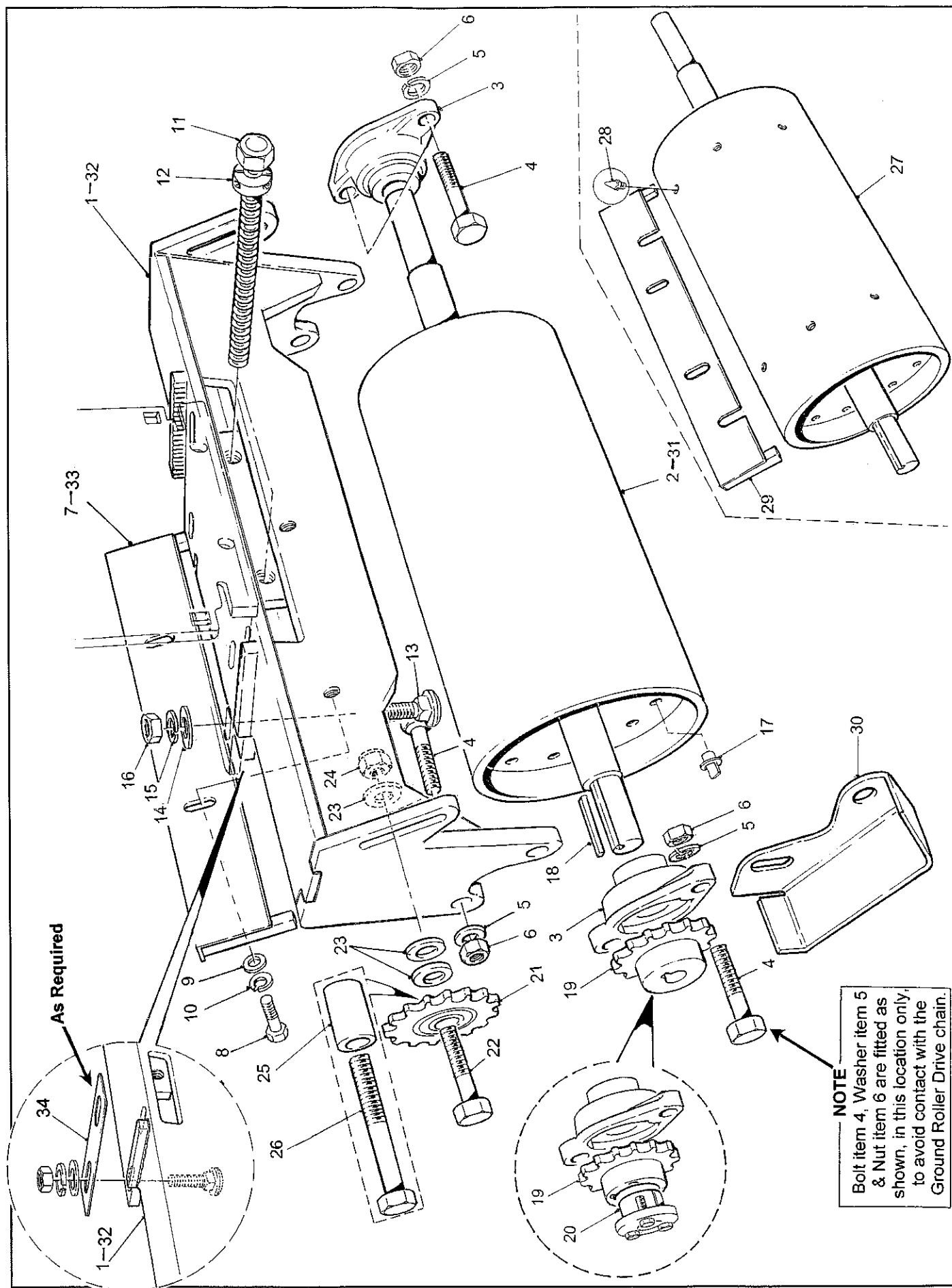
KH70067 - Seal Kit for
Depth Control Cylinder.

NOTE

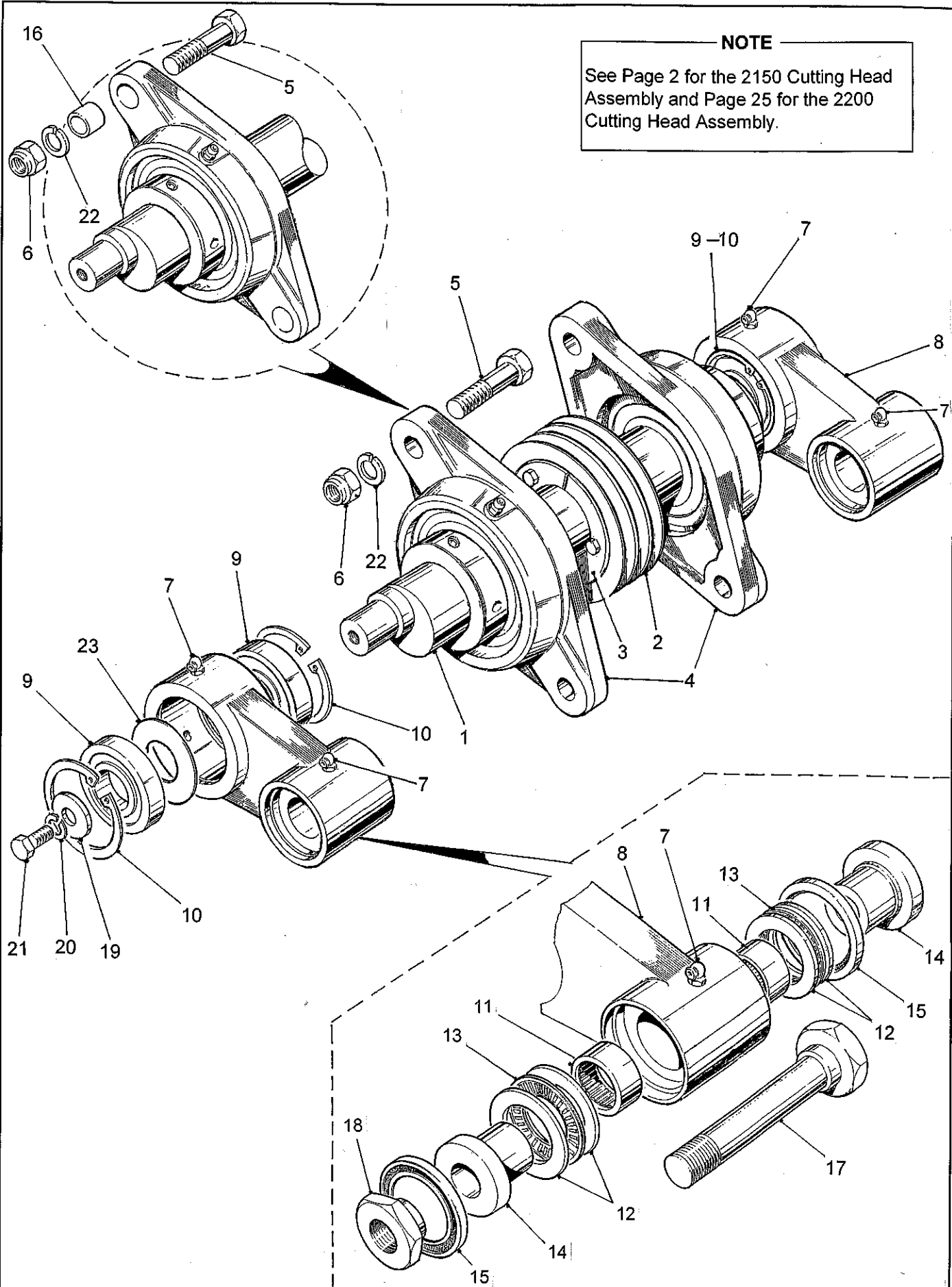
Depth Cylinder Assembly - H500199
includes items 7, 8, 9, 16, 17 & 33.

NOTE 2

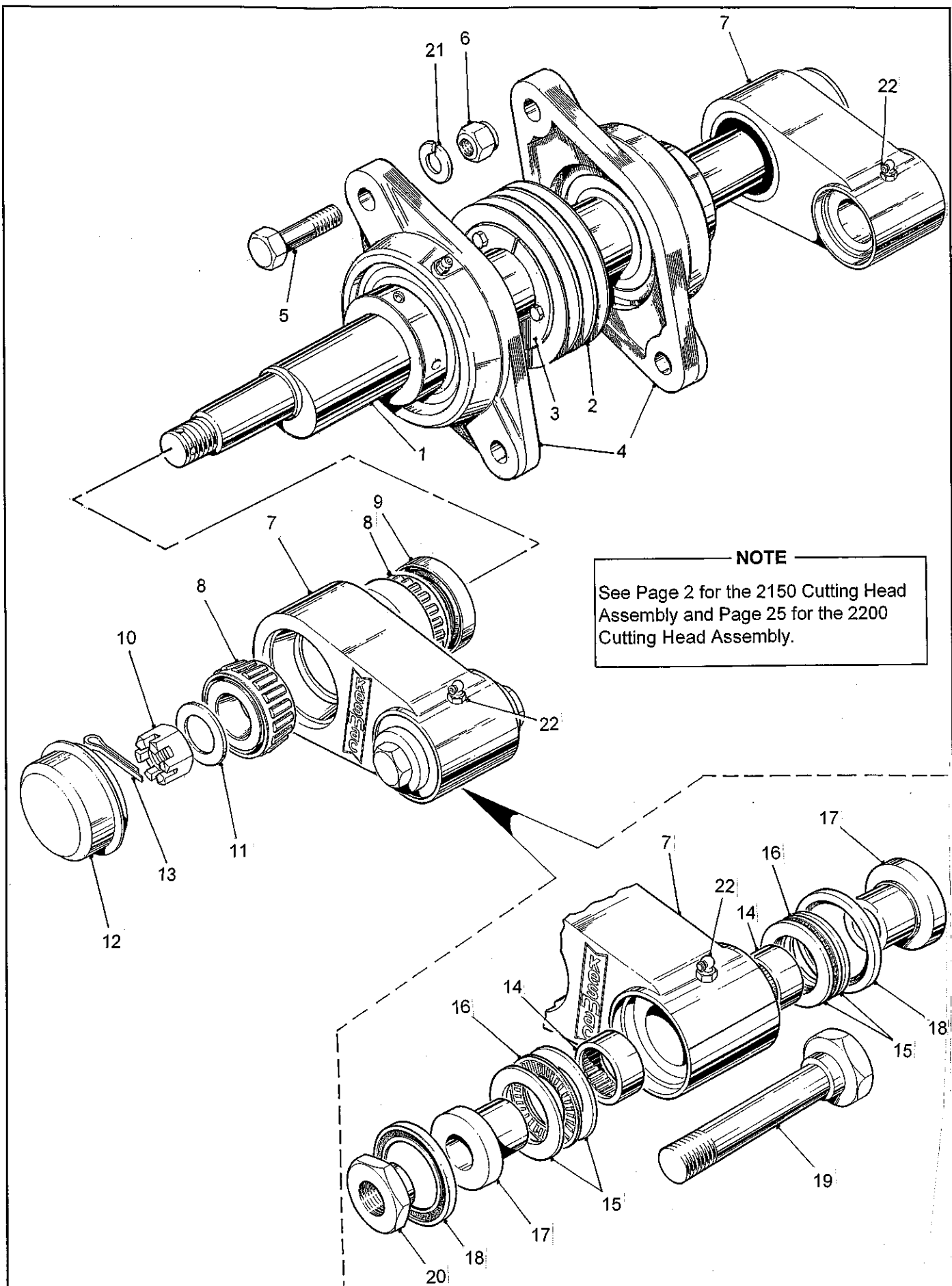
Cutter Arm Top Pivot Assembly -
H500022 includes items 23 & 26.



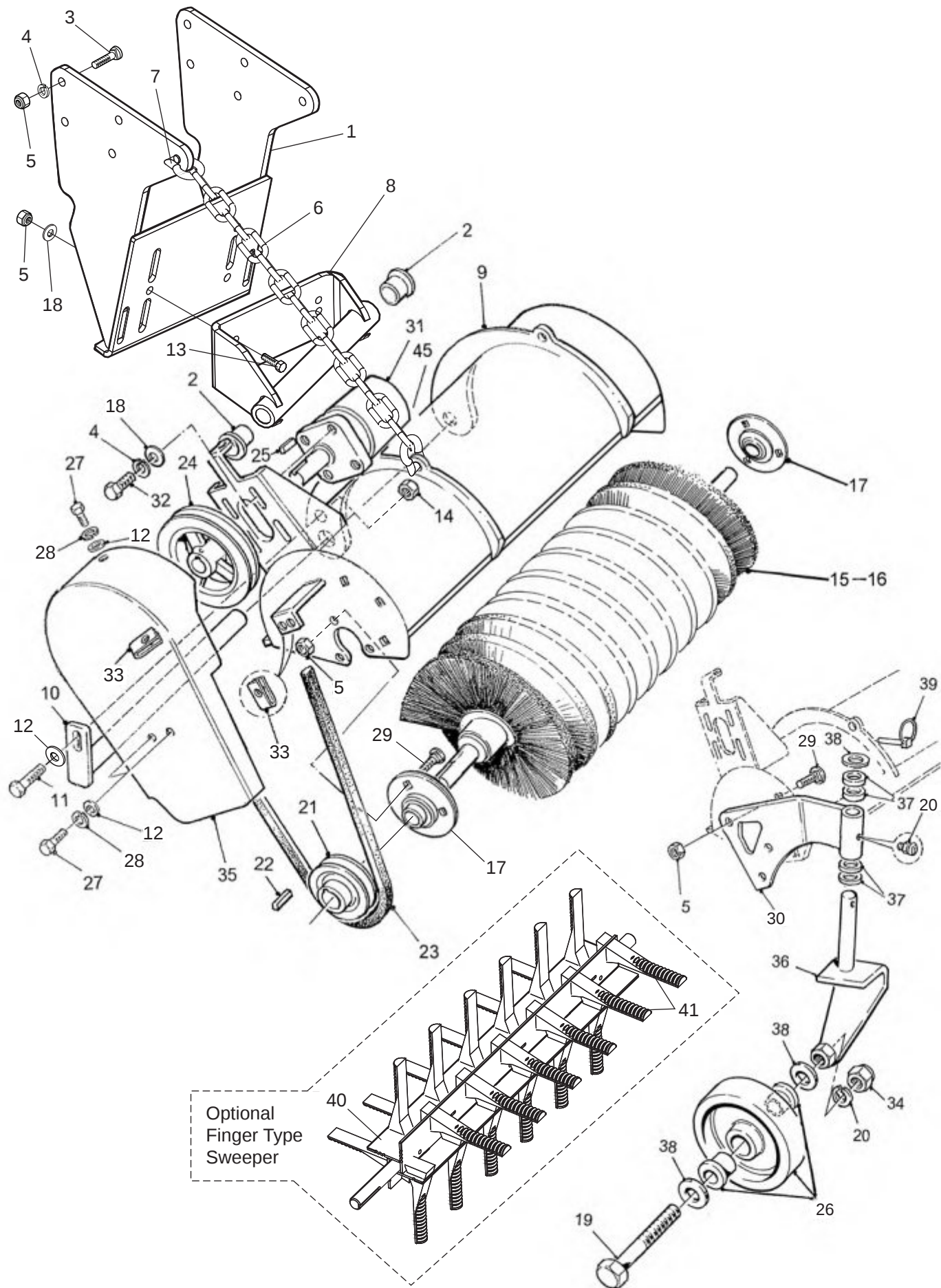
ITEM NO.	PART NO.	DESCRIPTION	QTY
		2200 GROUND ROLLER - ONE PIECE	
1	H300057	Bracket - Ground Roller 16in & 18in	1
	H300058	Bracket - Ground Roller 24in	1
2	H300059	Ground Roller 16 in.	1
	H300060	Ground Roller 18in	1
	H300075	Ground Roller 24 in.	1
3	KB32020	Flanged Bearing	2
4	F081016	Bolt 5/8 unf x 1 3/4 Gr.8	4
5	F311000	Lockwasher 5/8	4
6	F231050	Nut 5/8 unf	4
7	H300095	Boss Scraper 16 in.	1
	H300096	Boss Scraper 18in	1
	H300097	Boss Scraper 24 in.	1
8	F040610	Bolt 3/8 unc x 1 Gr.8	2
9	F320600	Washer 3/8	2
10	F310600	Lockwasher 3/8	2
11	H300029	Adjuster	2
12	KM10051	Lockcollar	2
13	F020820	Bolt 1/2 unc x 2 Carriage	4
14	F330808	Washer 1/2 S.A.E. Gr.8	4
15	F310800	Lockwasher 1/2	4
16	F230800	Nut 1/2 unc	4
17	KM30019	Plug	16
18	F924444	Key 1/4 x 1/4 x 4 1/2	1
19	Option	Sprocket - Ground Roller. (See page 8)	1
20	Option	Taper Lock Bushing (See page 8)	1
21	KD70003	Idler Sprocket	1
22	F041024	Bolt 5/8 unc x 2 1/2 Gr.8	1
23	F331000	Washer 5/8 Gr.8	3
24	F211000	Locknut 5/8 unc	1
25	H100505	Spacer (18 in. only)	1
26	F041040	Bolt 5/8 unc x 4 Gr.8 (18 in. only)	1
27	H300175	Ground Roller 18 in. Studded (option)	1
	H300174	Ground Roller 16 in. Studded (option)	1
28	KD90106	Roller Stud (Option)	16
29	H300099	Scraper 18 in. Studded Roller	1
	H300098	Scraper 16 in. Studded Roller	1
30	H100512	Sprocket Cover	1
31	H300167	Ground Roller 10in. Dia. 16in. (option)	1
	H300168	Ground Roller 10in. Dia. 18in. (option)	1
	H300169	Ground Roller 10in. Dia. 24in. (option)	1
32	H300170	Bracket - Roller 10in. Dia. 16in. & 18in. (option)	1
	H300171	Bracket - Roller 10in. Dia. 24in. (option)	1
33	H300213	Boss Scraper 10in. Dia. 16in. (option)	1
	H300214	Boss Scraper 10in. Dia. 18in. (option)	1
	H300215	Boss Scraper 10in. Dia. 24in. (option)	1
34	H100559	Shim. Ground Roller Bracket	A/R



ITEM NO.	PART NO.	DESCRIPTION	QTY
ECCENTRIC SHAFT & CONNECTING ROD ASSEMBLY Non Current up to Serial No. 529			
1	H100015	Crankshaft 16 in.	1
	H100136	Crankshaft 18 in.	1
	H100155	Crankshaft 24 in.	1
2	KD33450	Sheave, Triple Groove, Taper Lock	1
3	KD52020	Taper Lock Bushing	1
4	KB32033	Flanged Bearing 2.0 in. Dia.	2
5	F081024	Bolt 5/8 UNF x 2 1/2 GR. 8 (From Ser.No.246 use G0818060. M18)	4
6	F211050	Locknut 5/8 UNF (From Ser.No. 246. use G211850)	4
7	KX90021	Grease Fitting 90 deg Elbow	4
8	H100244	Connecting Rod per machine	2
9	KB50002	Bearing Ball 2.5 mm x 62 mm x 17 mm THK	2
10	F815244	Retaining Ring	2
11	KB51812	Bearing - Needle Roller	2
12	KB12031	Thrust Washer 1.25 ID. X 1.937 OD. X 0.094	4
13	KB42031	Thrust Bearing - Needle Roller 1.25 ID. X 1.937 OD. X 0.078	2
14	H100245	Axle - Needle Roller Bearing	2
15	KH80011	Seal - Connecting Rod Bearings	2
16	H100404	Bushing. (Non current from Ser.No.246)	2
17	H300055	Tie Bolt (Connecting Rod)	1
18	H100246	Nut - Special - Retainer	1
19	H100045	Retainer Washer	1
20	F310600	Lockwasher 3/8	1
21	F040606	Bolt 3/8 UNC x 3/4 GR. 8	1
22	F311000	Lockwasher 5/8. (From Ser.No. 246 use G311800)	4
23	F381014	Shim Washer .020 in.	4
NOTE H500160 - service kit for con-rod Items:9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, & 21 H500059 - Connecting Rod Ass'y Items: 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, & 18			
NOTE See Page 37 for the Eccentric Shaft & Connecting Rod Assembly current from Serial No. 530.			



ITEM NO.	PART NO.	DESCRIPTION	QTY
ECCENTRIC SHAFT & CONNECTING ROD ASSEMBLY Current from Serial No. 530			
1	H100588	Crankshaft. 16 in.	1
	H100589	Crankshaft. 18 in.	1
	H100590	Crankshaft. 24 in.	1
2	KD33450	Sheave. Triple Groove. Taper Lock	1
3	KD52020	Taper Lock Bushing	1
4	KB32033	Flanged Bearing. 2.0 in. Dia.	2
5	G0818060	Bolt. M18 x 60 Gr. 10.9	4
6	G211850	Locknut. M18 x 1.5	4
7	H500269	Connecting Rod. c/w Bearing Cups	2
8	KB23010	Tapered Roller Bearing	2
9	KB90012	Seal	1
10	KX20036	Nut. Slotted 3/4 in. - 16	1
11	H100592	Washer	1
12	KX20037	Dust Cap	1
13	F910514	Cotter Pin. 5/32 x 1 1/2	1
14	KB51812	Bearing. Needle Roller	2
15	KB12031	Thrust Washer. 1.25 ID.x 1.937 OD. X 0.094	4
16	KB42031	Thrust Bearing. Needle Roller 1.25 ID x 1.937 OD. X 0.078	2
17	H100245	Axle. Needle Roller Bearing	2
18	KH80011	Seal. Connecting Rod Bearings	2
19	H300055	Tie Bolt. Connecting Rod	1
20	H100246	Nut. Special - Retainer	1
21	G311800	Lockwasher. M18	4
22	KX90021	Grease Fitting 90 deg Elbow	2
NOTE H500307 - Service Kit for Connecting Rod Assembly: Items: 8, 9, 10, 11, 12, 13, 14, 15, 16 & 18 H500270 - Connecting Rod Assy. Items: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 & 22.			



ITEM NO.	PART NO.	DESCRIPTION	QTY
CURRENT BRUSH ATTACHMENT			
1	H300248	Sweeper Pivot Mount 16 & 18in. (H300249 - 24in.)	1
2	KB11224	Bushing Flanged 0.75 ID x 1.00 x 1.50 lg	2
3	F020614	Bolt Carriage 3/8 UNC x 1.50	8
4	F310608	Lockwasher 3/8 Gr.8	12
5	F210608	Nut 3/8 UNC Nyloc Gr.8	19
6	H100316	Safety Chain	1
7	KC01005	Screw Pin Shackle - 5/16	2
8	H300250	Brush Pivot Mount 16 & 18in. (H300251 - 24in.)	1
9	H300062	Sweeper Brush Mount 16 & 18in. (H300080 - 24 in.)	1
10	H300061	Brush Tilt Shaft 16 & 18in. (H300081 - 24in.)	1
11	F040510	Bolt 5/16 UNC x 1 Gr.8	1
12	F320508	Washer 5/16 Gr.8 USS Flat Struc.	4
13	F040612	Bolt 3/8 UNC x 1.25 Gr.8	2
14	F210508	Locknut 5/16-18 Gr.8	1
15	H300068	Sweeper Brush. 16 & 18in.	1
16	H300079	Sweeper Brush. 24 in.	1
17	KB33012	Flanged Bearing 0.75 Dia. 3 Bolt	2
18	F320608	Washer 3/8 Gr.8 USS Flat Struc.	6
19	F041244	Bolt 3/4 unc x 4 1/2 Gr.8	1
20	KM11400	Grease Fitting	1
21	KD11044	Sheave - Pressed Steel 0.75 Bore	1
22	F923312	Key 3/16 x 3/16 x 1.25	1
23	KD10016	'V' Belt	1
24	KD11070	Sheave 6.00 PDA x 1.00 Bore	1
25	F924412	Key 1/4 x 1/4 x 1.25	1
26	KW88200	Wheel Assembly c/w Wheel KW88100 & Bushings KB88100	1
27	F040506	Bolt 5/16 x 3/4 Gr.8	3
28	F310508	Lockwasher 5/16 UNC Gr.8	3
29	F020610	Carriage Bolt 3/8 UNC x 1.00	9
30	H300069	Castor Bracket	1
31	KH30014	Brush Kit Motor	1
	KH70054	Seal Kit. Brush Kit Motor	1
32	F040606	Bolt 3/8 UNC x 3/4 Gr.8	4
33	F240500	Clip Nut 5/16	3
34	F221208	Jam Nut 3/4 UNC Gr.8	1
35	H300074	Sweeper Belt Cover	1
36	H300070	Castor Pivot	1
37	H100306	Castor Pivot Spacer	6
38	F321208	Washer 3/4 Gr.8 USS Flat	3
39	KX30319	Linch Pin	1
40	H300254	Finger Brush Shaft 16 & 18in. (H300255 - 24in.)	1
41	M5106	Sweeper Fingers 16 & 18in.	24
	M5106	Sweeper Fingers 24in.	32

1-Mar-12

SECTION 3 HYDRAULIC SYSTEM

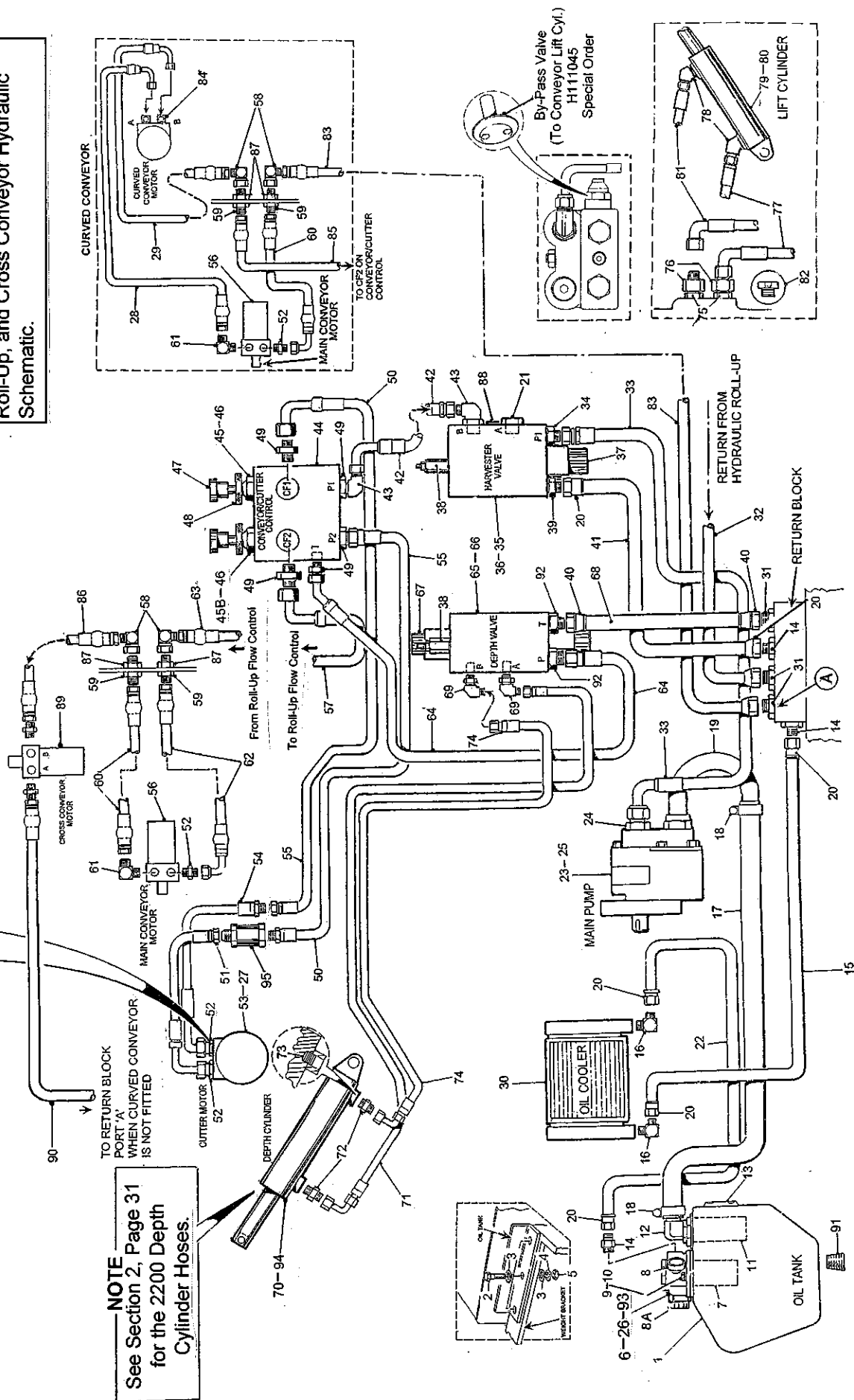
2150 & 2200 Models

Hydraulic System - New Holland	1
Hydraulic System – John Deere (Side Mount Tank) – Non Current up to Serial No. 322	5
Hydraulic System – John Deere (Front Mount Tank) – Non Current from Serial No. 323 to 398	9
Hydraulic Pump Drive – New Holland TN65, TN70 & John Deere. 5220	13
Hydraulic Pump Drive – John Deere. 5225 Current from Serial No. 399	15
Hydraulic System – John Deere (Front Mount Tank – Current From Serial No 399	17
Hydraulic Pump Drive – New Holland 4020. Current from Serial No. 727	23
Hydraulic Pump Drive – John Deere 5065. Current from Serial No. 727	25
Hydraulic System – New Holland 4020. Current from Serial No. 727	27

NOTE
See Section 2, Page 25 for the motor
hose assembly for the 2200 Floating Head.

NOTE

See Section 1, Page 17 for the Hydraulic
Roll-Up, and Cross Conveyor Hydraulic
Schematic.



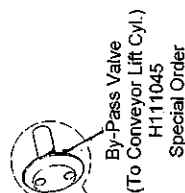
NOTE
See Section 2, Page 31
for the 2200 Depth
Cylinder Hoses.

ITEM NO.	PART NO.	DESCRIPTION	QTY
		HYDRAULIC SYSTEM - NEW HOLLAND	
1	H310136	Hydraulic Tank	1
2	F040814	Bolt 1/2 x 1 1/2 UNC GR 8	3
3	F320800	Washer 1/2	3
4	F310800	Lockwasher 1/2	3
5	F230800	Nut 1/2 UNC	3
6	KH40033	Return Filter/Breather c/w Indicator (Hydac)	1
7	KH40034	Filter Element	1
	KH40057	Filter Cap	1
8	KH40035	Filter Indicator	1
8A	KH40036	Breather Filter	1
9	F010512	Bolt 5/16 UNC x 1 1/4	2
10	F310500	Lockwasher 5/16	2
11	KH40020	Suction Strainer	1
12	24-24-430292	Hose Barb 1 1/2 - 1 1/2 90 deg.	1
13	KH10002	Sight Level Gauge	1
14	12-12-070120	Fitting Straight Thread O-Ring Connector	1
15	H100574	Hose. Cooler 'IN' 3/4 ID x 8 ft. Lg.	1
16	12-16-070202	Fitting Pipe Thread 90 deg. Elbow	2
17	H100573	Suction Hose 1 1/2 ID x 43 in Lg.	1
18	KM60008	Hose Clamp	2
19	H110618	Beaded Tube	1
20	KH01109	Hose End, Female Swivel Barb.	4
21	12-090109A	No. 12 O-Ring Plug	2
22	H100575	Hose. Cooler OUT 3/4 ID x 72 in. Lg.	1
23	KH30012	Gear Pump	1
24	16-12-070120	Fitting Straight Thread O-Ring Connector	1
25	KH70046	Seal Kit - Gear Pump	1
26	KH70047	Seal Kit - Filter. KH40021	1
27	KH70043	Seal Kit - Cutter Motors	1
28	H500536	Hose Assembly	1
29	H500535	Hose Assembly	1
30	H310034	Oil Cooler - Non Current up to Serial No. 711	1
	H310323	Oil Cooler - Current from Serial No. 712	1
31	8-12-070120	Fitting Straight Thread O-Ring Connector	3
32	H500580	Hose Assy. Hydraulic Roll-Up to Return Block. See Section 1, Page 17	1
33	H500503	Pump Supply Hose Assembly. Pump to Harvester Valve (P1)	1
34	12-12-070120	Fitting Straight Thread O-Ring Connector	1
35	H500008	Harvester Valve Assembly	1
36	KH20046	Valve Block	1
37	KH20059	Solenoid Valve	1
	KH70097	Seal Kit	1
38	KH20048	Relief Valve	2
39	12-12-070120	Fitting Straight Thread O-Ring Connector	1
40	KH01114	Hose End, Female Swivel Barb.	2
41	H100576	Return Hose 3/4 ID. X 14 in. Lg.	1
42	H500504	Hose, Main Supply	1
43	12-12-070220	Fitting - Straight Thread O-Ring 90 Deg. Elbow	1
44	H500012	Flow Regulator Assembly (Cutter/Conveyor)	1
45	KH20094	Flow Regulator Cartridge (Cutter Head)	1
45B	KH20055	Flow Regulator Cartridge (Conveyor)	1
46	KH70042	Seal Kit	1
47	KH50003	Knob	2
48	KH50004	Locking Knob	2

3

NOTE

See Section 1, Page 17 for the Hydraulic Roll-Up, and Cross Conveyor Hydraulic Schematic.



By-Pass Valve
Conveyor Lift Cyl.)
H111045
Special Order

ITEM NO.	PART NO.	DESCRIPTION	QTY
HYDRAULIC SYSTEM - NEW HOLLAND			
49	8-12-070120	Fitting - Straight Thread O-Ring Connector	4
50	H500505	Supply Hose Assembly, Cutter "B Port" (Bulkhead to Valve)	1
51	H500533	Supply Hose Assy. Cutter "B Port" (Motor to Bulkhead)-2150 Model	1
	H500616	Supply Hose Assy. Cutter "B Port" (Motor to Bulkhead)-2200 Model	1
	H500632	Supply Hose Assy. Cutter "B Port" (Motor to Bulkhead)-2200 Model	1
52	8-10-070120	Fitting - Straight Thread O-Ring Connector	3
53	KH30013	Cutter Motor	1
54	H500532	Return Hose Assy. Cutter "A Port" (Motor to Bulkhead)-2150 Model	1
	H500615	Return Hose Assy. Cutter "A Port" (Motor to Bulkhead)-2200 Model	1
	H500631	Return Hose Assy. Cutter "A Port" (Motor to Bulkhead)-2200 Model	1
55	H500508	Return Hose Assembly, Cutter "A Port" (Bulkhead to Valve)	2
56	KH30007	Motor - Conveyor, Cross Conveyor & Curved Conveyor	2
	KH70054	Seal Kit. Conveyor, Cross Conveyor & Curved Conveyor	1
57	H500509	Hose Assembly, CF2 to Variable Flow Divider - See Note 1	1
58	8-8-070221	Swivel Elbow 90 Deg.	2
59	8-070118	Fitting - Bulkhead Nut	2
60	H500510	Supply Hose Assembly, Conveyor "B Port" (Motor to Bulkhead) See Note 1	1
61	8-10-070220	Fitting - Straight Thread O-Ring 90 Deg. Elbow	1
62	H500511	Return Hose Assembly, Conveyor "A Port" (Motor to Bulkhead) See Note 1	1
63	H500554	Return Hose Assembly, Conveyor "A Port" (Bulkhead to Valve) See Note 1	1
64	H500512	Hose Assy. Depth Valve 'P' to Conv/Cutter Control 'T'	1
65	H500009	Control Valve, Depth	1
66	KH20049	Valve Block	1
67	KH20067	Solenoid Valve	1
68	H100577	Return Hose 1/2 ID. X 13 in. Lg.	1
69	4-4-070220	Fitting - Straight Thread O-Ring 90 Deg. Elbow	2
70	H500001	Cylinder, Depth Control	1
71	H500514	Hose Assembly, Depth Down	1
72	4-4-070120	Fitting - Straight Thread O-Ring Connector	2
73	H100129	Restrictor, Depth Control	1
74	H500513	Hose Assembly, Depth Up	1
75	8-18-070187	Fitting - Metric Straight Thread O-Ring Connector	2
76	8-6-070123	Fitting, Reducer	2
77	H500501	Hose Assembly, Lift Up	1
78	6-8-070320	Fitting - 45 Deg. Male Elbow	2
79	KH31005	Head Lift Cylinder	1
80	KH70038	Seal Kit - Main Lift Cylinder (Conveyor)	1
81	H500502	Hose Assembly, Lift Down	1
82	9029-22x1.5	Metric "O" Ring Plug	1
83	H500554	Hose Assembly N.H.	1
84	8-10-070120	Fitting	2
85	H500509	Hose Assembly	1
86	H500574	Hose Assembly, Cross Conveyor Motor to Bulkhead	1
87	8-8-070601	Bulkhead Fitting	2
88	6-090109B	Plug. Straight Thrd. Hex. Socket	1
89	KH30007	Cross Conveyor Motor	1
	KH70054	Seal Kit. Cross Conveyor Motor	1
90	H500583	Hose Assembly. Cross Conveyor Motor to Bulkhead	1
91	KH00014	Hex Pipe Plug - Magnetic	1
92	8-8-070120	Fitting - Straight Thread 'O' Ring Connector	2
93	KH40041	Filter Cap	1
94	KH70067	Seal Kit. Depth Cylinder	1
95	KH20111	In-line Filter	1

NOTE 1

See Section 1, Page 1
for the Hydraulic Roll-Up
and Cross Conveyor
Hydraulic Schematic.

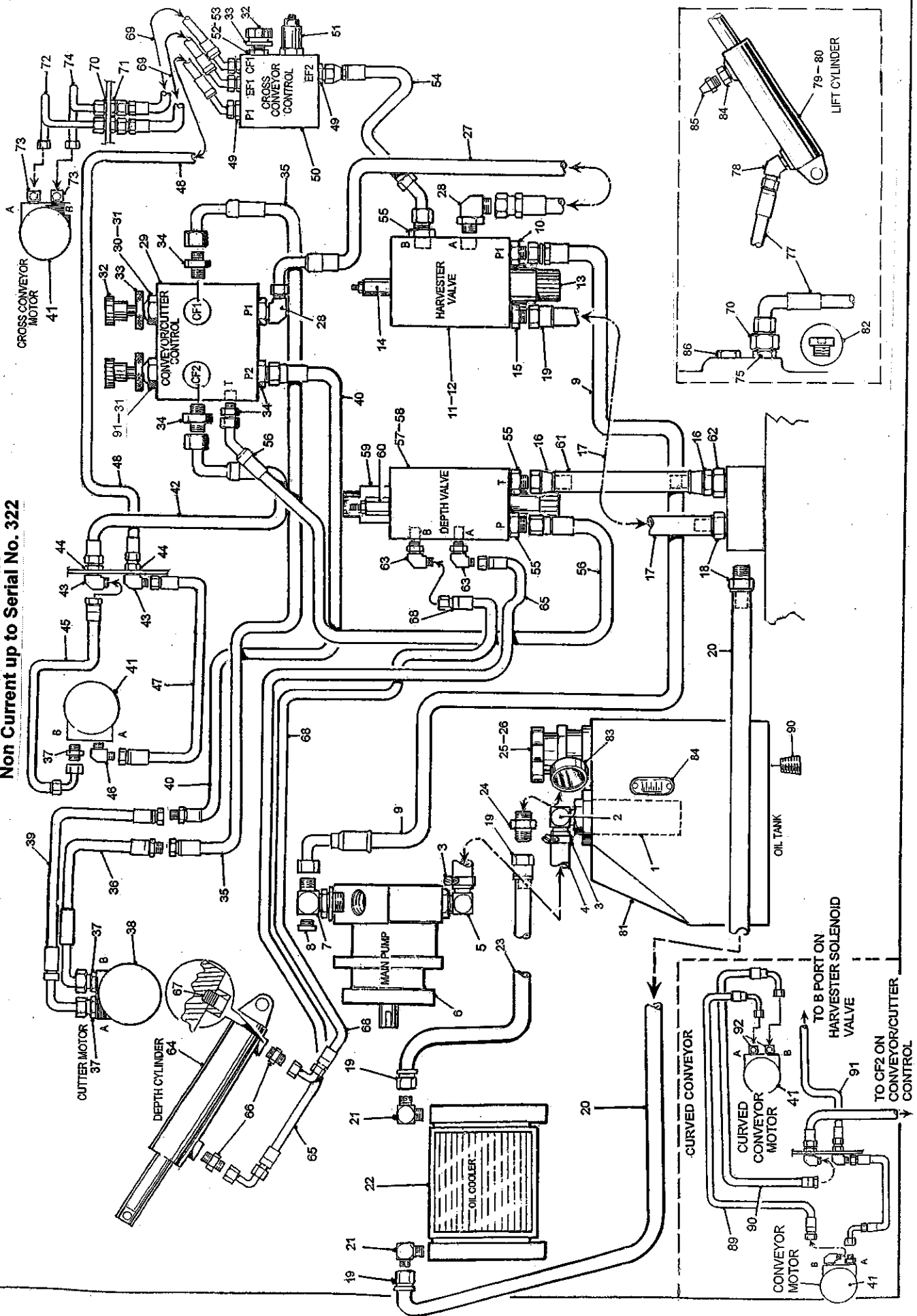
NOTE

Hose assemblies H500615 &
H500616 are Non Current up to
Serial Number 301. Hose
Assemblies H500631 &
H500632 are Current from Serial
Number 302.

HYDRAULIC SYSTEM - JOHN DEERE

SIDE MOUNT TANK

Non Current up to Serial No. 322



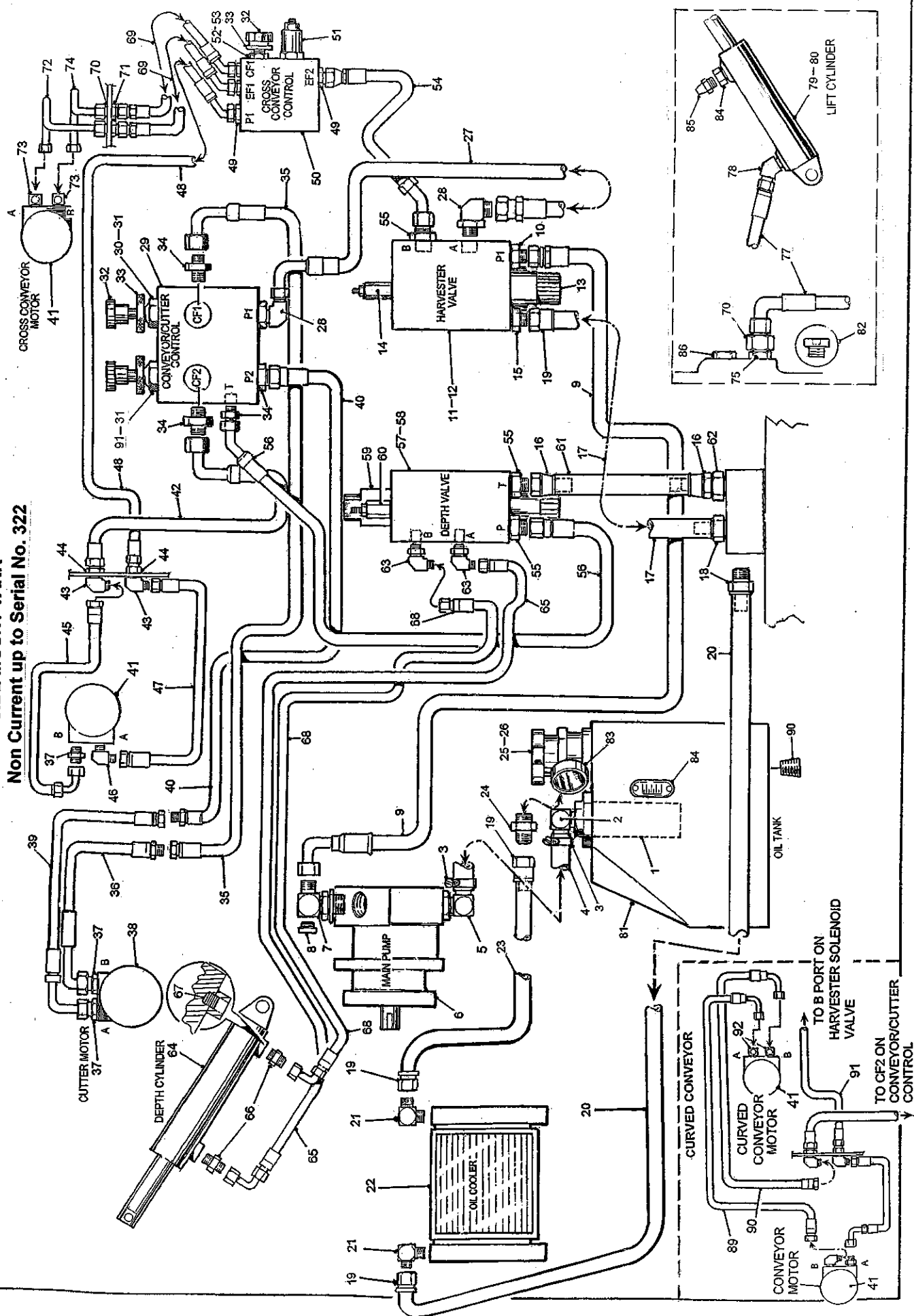
ITEM NO.	PART NO.	DESCRIPTION	QTY
HYDRAULIC SYSTEM - JOHN DEERE SIDE MOUNT TANK Non Current up to Serial No. 322			
1	KH40020	Suction Strainer	1
2	24-24-430292	Hose Barb 1 1/2 - 1 1/2 90° (Filter)	1
3	KM60007	Hose Clamp 1.50 Dia.	2
4	H100578	Suction Hose 1 1/2 ID x 18 1/2 In. Lg.	1
5	24-20-430192	Hose Barb 1 1/2 - 1 1/2 (Pump)	1
6	KH30011	Gear Pump	1
7	H110475	Special Fitting 12 - 16	1
8	6-090109B	Plug - Straight Thread O-Ring Hex Socket	1
9	H500503	Pump Supply Hose Assembly	1
10	12-12-070120	Fitting - Straight Thread O-Ring Connector	1
11	H500008	Harvester Valve Assembly	1
12	KH20046	Valve Block	1
13	KH20059	Solenoid Valve	1
14	KH20048	Relief Valve	1
15	12-12-070120	Fitting - Straight Thread O-Ring Connector	1
16	KH01114	Hose End - Female Swivel, Barb	2
17	H100576	Return Hose 3/4 ID. X 14 in. Lg.	1
18	12-12-070102	Fitting - Male Connector	2
19	KH01109	Hose End - Female Swivel, Barb	4
20	H100579	Hose, Cooler "IN" 3/4 ID. X 13 Ft. Lg.	1
21	12-16-070202	Fitting - Pipe Thread 90° Elbow	2
22	H310100	Cooler, Blissfield	1
23	H100580	Hose, Cooler "OUT" 3/4 ID. X 55 In. Lg.	1
24	12-12-070120	Fitting - Straight Thread O-Ring Connector	1
25	KH40072	Return Filter Breather c/w Visual Indicator	1
26	KH40073	Filter Element	1
27	H500504	Hose, Main Supply	1
28	12-12-070220	Fitting - Straight Thread O-Ring 90° Elbow	1
29	H500012	Flow Regulator Assembly (Cutter/Conveyor)	1
30	KH20094	Flow Regulator Cartridge (Cutter Head)	1
31	KH70041	Seal Kit	1
32	KH50003	Knob for H500003 Regulator	2
33	KH50004	Locking Knob for H50003 Regulator	2
34	8-12-070120	Fitting - Straight Thread O-Ring Connector	4
35	H500505	Supply Hose Assembly, Cutter "B Port"	1
36	H500533	Supply Hose Assembly, Cutter "B Port"	1
37	8-10-070120	Fitting - Straight Thread O-Ring Connector	3
38	KH30006	Cutter Motor To Serial No.127	1
	KH30013	Cutter Motor From Serial No. 128	1
	KH70043	Seat Kit. Cutter Motor. From Serial No. 128	1
39	H500532	Return Hose Assembly, Cutter "A Port" (Motor to Bulkhead)	1
40	H500508	Return Hose Assembly, Cutter "A Port" (Bulkhead to Valve)	1
41	KH30007	Motor - Conveyor & Cross Conveyor	2
	KH70054	Seal Kit. Conveyor & Cross Conveyor Motor	1
42	H500509	Supply Hose Assembly, Conveyor "B Port" (Bulkhead to Valve)	1
43	8-8070701	Fitting - Bulkhead Union 90°	2
44	8-070118	Fitting - Bulkhead Nut	2
45	H500510	Supply Hose Assembly, Conveyor "B Port" (Motor to Bulkhead)	1
46	8-10-070220	Fitting - Straight Thread O-Ring 90° Elbow	1
47	H500511	Return Hose Assembly, Conveyor "A Port" (Motor to Bulkhead)	1
48	H500515	Return Hose Assembly, Conveyor "A Port" (Bulkhead to Valve)	1
49	8-8-070120	Fitting - Straight Thread - Ring Connector	4

NOTE

When replacing Return Filter KH40021 with KH40072. Order Replacement Filter Kit T500191.

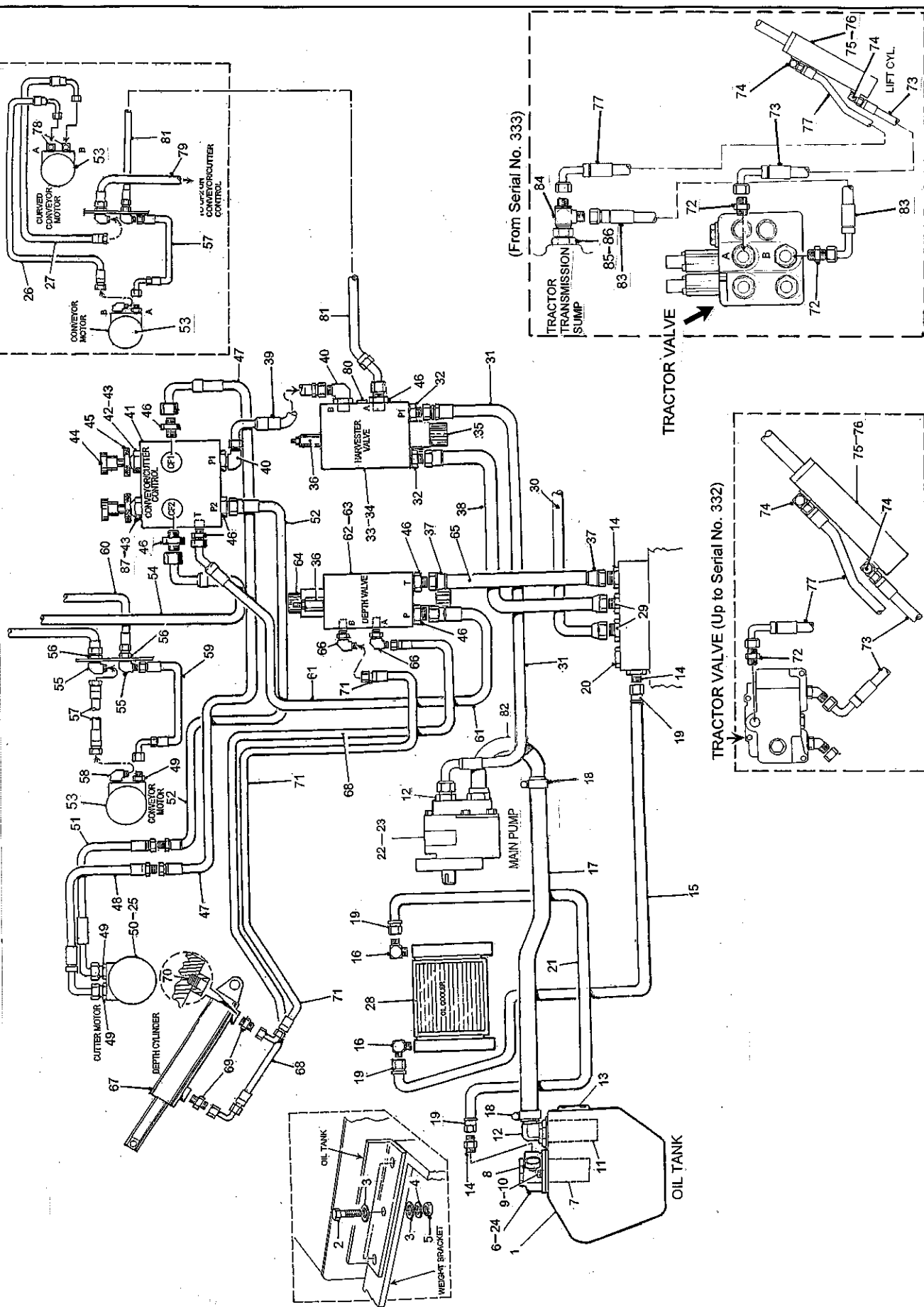
SIDE MOUNT TANK

Non Current up to Serial No. 322



ITEM NO.	PART NO.	DESCRIPTION	QTY
HYDRAULIC SYSTEM - JOHN DEERE SIDE MOUNT TANK Non Current up to Serial No. 322			
50	H500003	Regulator c/w Relief Manifold (Cross Conveyor)	1
51	KH20036	Relief Valve (100 - 600 psi)	1
52	KH20037	Flow Regulator (for H500003)	1
53	KH70037	Seal Kit	1
54	H500552	Return Hose Assembly, Conveyor	1
55	8-12-070120	Fitting - Straight Thread O-Ring Connector	3
56	H500547	Hose	1
57	H500009	Control Valve, Depth	1
58	KH20049	Valve Block	1
59	KH20067	Solenoid Valve	1
60	KH20048	Relief Valve	1
61	H100576	Return Hose 3/4 ID. X 14 In. Lg.	1
62	12-16-070202	Fitting - Straight Thread O-Ring	1
63	4-4-070220	Fitting - Straight Thread O-Ring 90° Elbow	2
64	H500001	Cylinder, Depth Control	1
65	H500549	Hose Assembly, Depth 'Down'	1
66	4-4-070120	Fitting - Straight Thread O-Ring Connector	2
67	H100129	Restrictor, Depth Control	1
68	H500548	Hose Assembly, Depth 'Up'	1
69	H500516	Hose Assembly, Cross Conveyor	2
70	8-070601	Fitting, Bulkhead Union	2
71	8-070118	Fitting, Bulkhead Nut	2
72	H500210	Cross Conveyor Motor Tube, LH. "B" Port	1
73	8-10-070220	Fitting - Straight Thread O-Ring 90° Elbow	2
74	H500202	Cross Conveyor Motor Tube, RH. "A" Port	1
75	8-18-070187	Fitting - Metric Straight Thread O-Ring Connector	2
76	8-6-070123	Fitting, Reducer	2
77	H500550	Hose Assembly	1
78	6-8-070302	Fitting - 45 deg. Male Elbow	2
79	KH31005	Head Lift Cylinder	1
80	KH70038	Seal Kit - Main Lift Cylinder (Conveyor)	1
81	H310097	Hydraulic Tank	1
82	KH10002	Sight Level Gauge	1
83	KH40019	Filter Indicator	1
84	4-8-130140	Bushing, 3/8 - 1/2	1
85	KA99001	Muffler	1
86		Plug	1
87	KH70043	Seal Kit - Conveyor/Cutter Motor	1
88	KH70044	Seal Kit - Gear Pump	1
89	KH70047	Seal Kit - Filter KH40021	1
90	KH00014	Hex Pipe Plug - Magnetic	1
91	KH20055	Flow Regulator Cartridge (Conveyor)	1

HYDRAULIC SYSTEM – JOHN DEERE **(Front Mounted Hydraulic Tank – Non Current from Serial No. 323 to 398)**

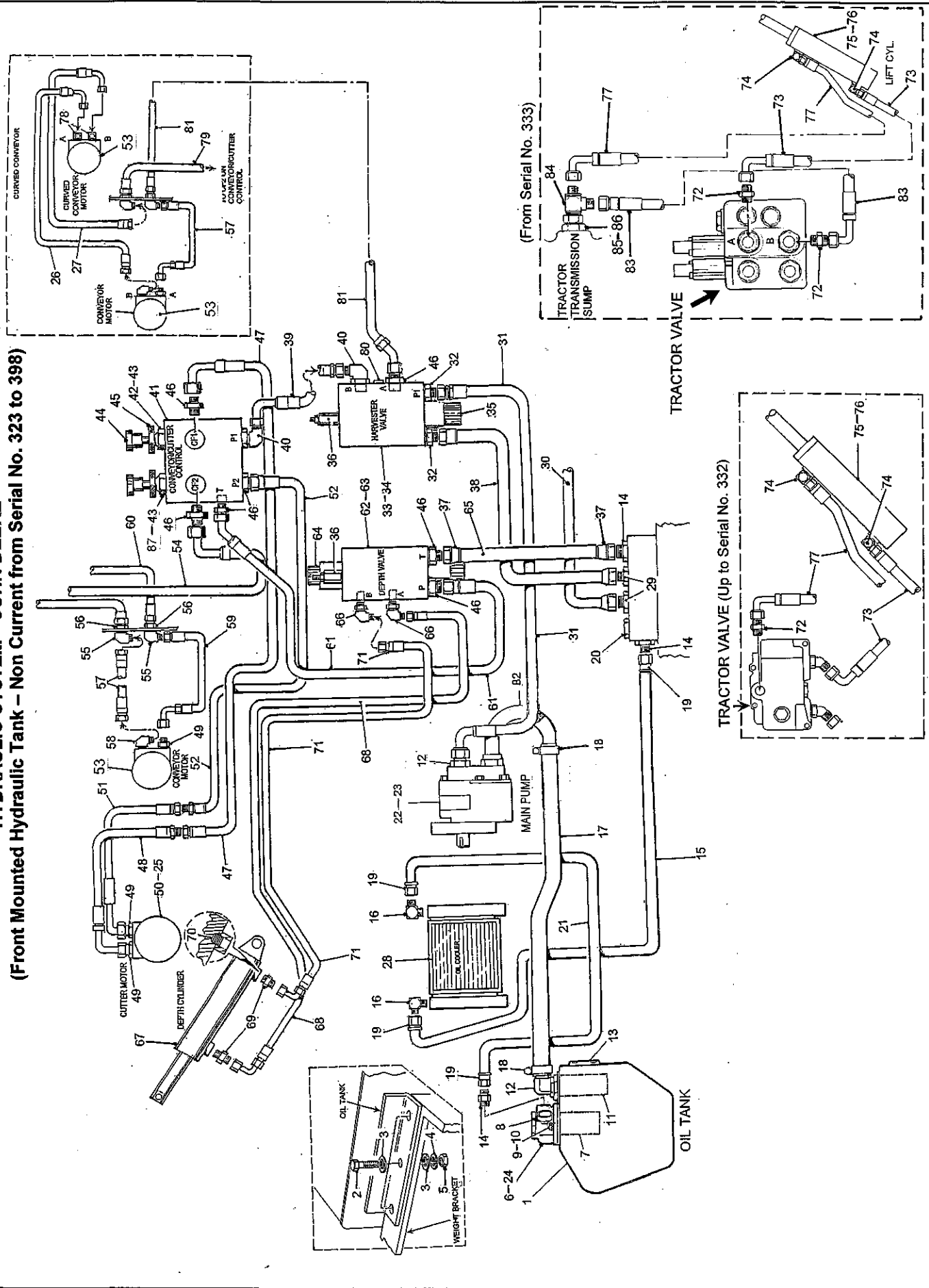


ITEM NO.	PART NO.	DESCRIPTION	QTY
HYDRAULIC SYSTEM - JOHN DEERE (Front Mount Hydraulic Tank) Non Current from Serial No. 323 to Serial No. 398			
1	H310136	Hydraulic Tank	1
2	F040814	Bolt 1/2 x 1 1/2 UNC GR 8	3
3	F320800	Washer 1/2	3
4	F310800	Lockwasher 1/2	3
5	F230800	Nut 1/2 UNC	3
6	KH40072	Return Filter/Breather c/w Indicator	1
7	KH40073	Filter Element	1
8	KH40019	Filter Indicator	1
9	F010512	Bolt 5/16 UNC x 1 1/4	2
10	F310500	Lockwasher 5/16	2
11	KH40020	Suction Strainer	1
12	16-12-070120	Fitting Straight Thread O-Ring Connector	1
13	KH10002	Sight Level Gauge	1
14	12-12-070120	Fitting Straight Thread O-Ring Connector	3
15	Q8576	Hose. Cooler 'IN' 3/4 ID x 10ft Lg.	1
16	12-16-070202	Fitting Pipe Thread 90 deg. Elbow	2
17	Q8593	Suction Hose 1 1/2 ID x 45 in	1
18	KM60007	Hose Clamp	2
19	KH01109	Hose End, Female Swivel Barb.	4
20	12-090109A	No. 12 O-Ring Plug	1
21	Q8576	Hose. Cooler OUT 3/4 ID x 78 in.	1
22	KH30026	Gear Pump	1
23	KH70044	Seal Kit - Gear Pump	1
24	KH70047	Seal Kit - Filter. KH40021	1
25	KH70043	Seal Kit - Cutter Motors	1
26	H500536	Hose Assembly	1
27	H500535	Hose Assembly	1
28	H310100	Oil Cooler	1
29	12-8-070120	Fitting Straight Thread O-Ring Connector	2
30	H500580	Hose Assy. Hydraulic Roll-Up to Return Block	1
31	H500503	Pump Supply Hose Assembly. Pump to Harvester Valve (P1)	1
32	12-12-070120	Fitting - Straight Thread O-Ring Connector	1
33	H500008	Harvester Valve Assembly	1
34	KH20046	Valve Block	1
35	KH20059	Solenoid Valve (Current from Serial No. 176) KH20047 - Obsolete	1
36	KH20048	Relief Valve	2
37	KH01114	Hose End, Female Swivel Barb.	2
38	Q8576	Return Hose 3/4 ID. X 14 in. Lg.	1
39	H500504	Hose, Main Supply	1
40	12-12-070220	Fitting - Straight Thread O-Ring 90 Deg. Elbow	1
41	H500012	Flow Regulator Assembly (Cutter/Conveyor)	1
42	KH20094	Flow Regulator Cartridge (Cutter Head)	1
43	KH70042	Seal Kit	1
44	KH50003	Knob	2
45	KH50004	Locking Knob	2
46	8-12-070120	Fitting - Straight Thread O-Ring Connector	6
47	H500505	Supply Hose Assembly, Cutter "B Port"	1
48	H500533	Supply Hose Assembly, Cutter "B Port"	1

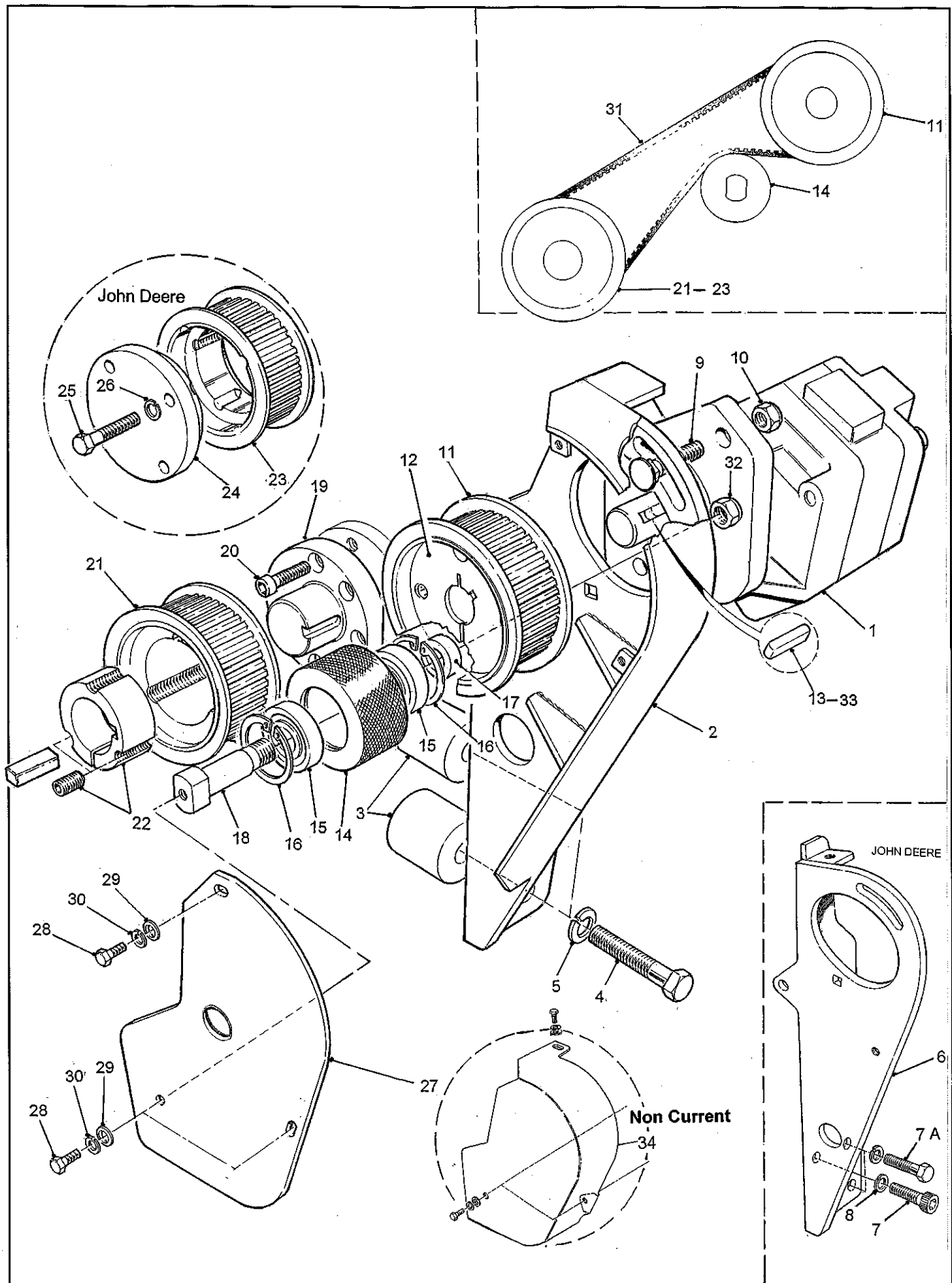
NOTE

When replacing Return Filter KH40021 with KH40072. Order Replacement Filter Kit T500191.

HYDRAULIC SYSTEM – JOHN DEERE **(Front Mounted Hydraulic Tank – Non Current from Serial No. 323 to 398)**

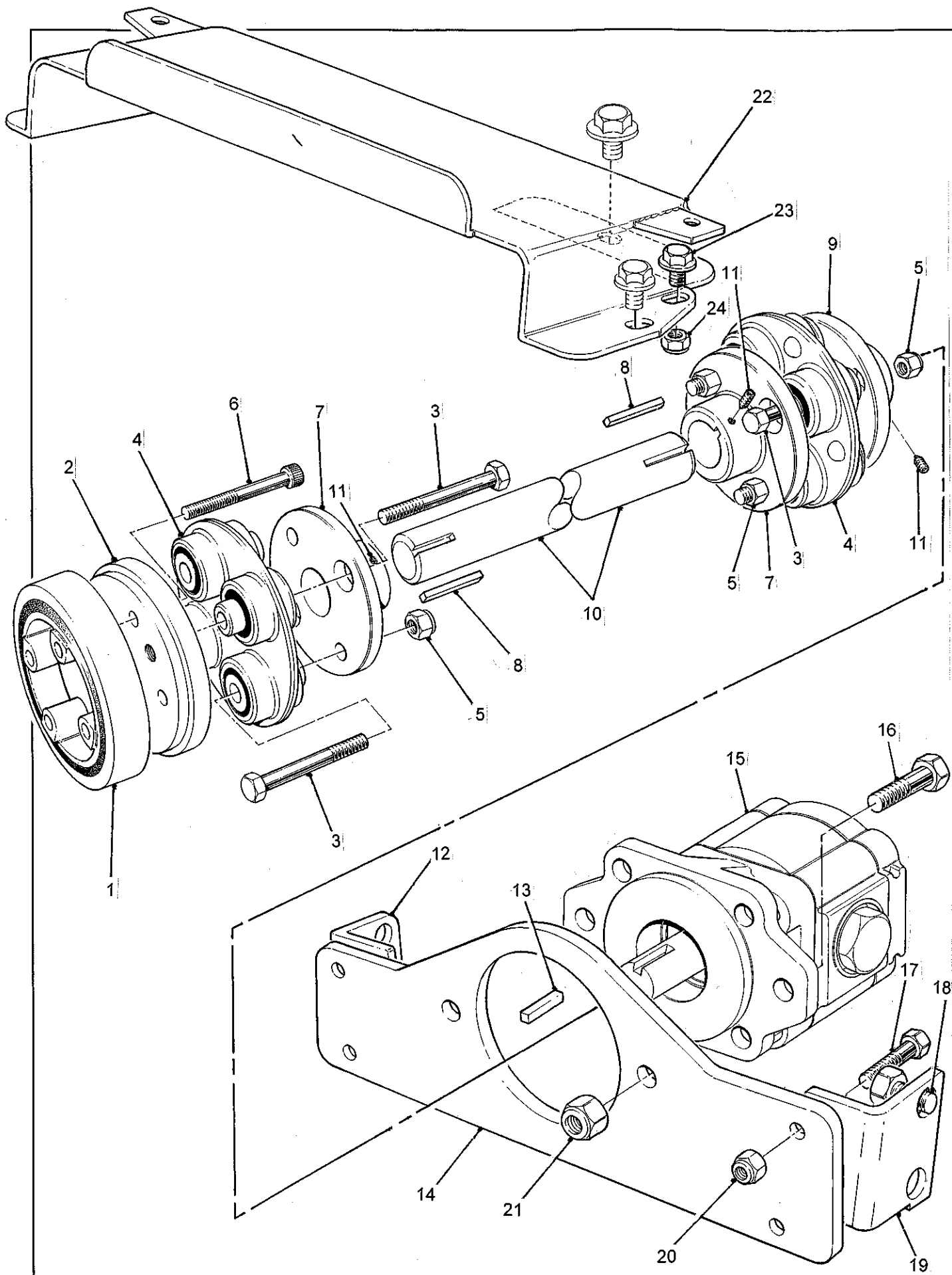


ITEM NO.	PART NO.	DESCRIPTION	QTY
HYDRAULIC SYSTEM - JOHN DEERE (Front Mount Hydraulic Tank) Non Current from Serial No. 323 to Serial No. 398			
49	8-10-070120	Fitting - Straight Thread O-Ring Connector	3
50	KH30013	Cutter Motor	1
51	H500532	Return Hose Assembly, Cutter "A Port" (Motor to Bulkhead)	1
52	H500508	Return Hose Assembly, Cutter "A Port" (Bulkhead to Valve)	1
53	KH30007	Motor - Conveyor, Cross Conveyor & Curved Conveyor	2
54	H500509	Hose Assembly, CF2 to Variable Flow Divider	1
55	8-8-070221	Swivel Elbow 90 Deg.	2
56	8-070118	Fitting - Bulkhead Nut	2
57	H500510	Supply Hose Assy., Conveyor "B Port" (Motor to Bulkhead)	1
58	8-10-070220	Fitting - Straight Thread O-Ring 90 Deg. Elbow	1
59	H500511	Return Hose Assy., Conveyor "A Port" (Motor to Bulkhead)	1
60	H500554	Return Hose Assy., Conveyor "A Port" (Bulkhead to Valve)	1
61	H500512	Hose Assy. Depth Valve 'P' to Conv/Cutter Control 'T'	1
62	H500009	Control Valve, Depth	1
63	KH20049	Valve Block	1
64	KH20067	Solenoid Valve (Current from Serial No. 176) KH20050 - Obsolete	1
65	Q8576	Return Hose 3/4 ID. X 13 in. Lg.	1
66	4-4-070220	Fitting - Straight Thread O-Ring 90 Deg. Elbow	2
67	H500001	Cylinder, Depth Control	1
68	H500514	Hose Assembly, Depth Down	1
69	4-4-070120	Fitting - Straight Thread O-Ring Connector	2
70	H100129	Restrictor, Depth Control	1
71	H500513	Hose Assembly, Depth Up	1
72	8-22-070187	Fitting - Metric Straight Thread. O-Ring Connector	2
73	H500501	Hose Assembly, Lift Up	1
74	6-8-070202	Fitting - 90 Deg. Male Elbow	2
75	KH31001	Head Lift Cylinder	1
76	KH70038	Seal Kit - Main Lift Cylinder (Conveyor)	1
77	H500582	Hose Assembly, Return	1
78	8-10-070120	Fitting	2
79	H500509	Hose Assembly	1
80	6-090109B	Plug - Straight Thrd. O-Ring Hex. Socket	1
81	H500534	Hose Assembly. Bulkhead to Harvester Valve. Port A	1
82	H110618	Beaded Tube	1
83	H500633	Hose Assembly - Harvester Aux. Port B to Transmission Sump Drain	1
84	8-8-8-070432	Fitting. Swivel Nut Run Tee	1
85	8-22-070187	Fitting. 1/2 Male. Metric - Non Current up to Serial No. 381	1
86	H510115	Fitting. Orifice Restrictor - Current from Serial No. 382	1
87	KH20055	Flow Regulator Cartridge (Conveyor)	1



ITEM NO.	PART NO.	DESCRIPTION	QTY
		HYDRAULIC PUMP DRIVE	
1	KH30012	Gear Pump - New Holland	1
	KH30026	Gear Pump - John Deere	1
2	H310012	Pump Mount - Hew Holland	1
3	H110183	Spacer - Pump Mount	2
4	G0120090	Bolt - M20 x 90 (Metric) } New Holland	2
5	G312000	Lockwasher M20	2
6	H310104	Pump Mount - John Deere	1
7	G4916065	Bolt M16 - 65 (Metric) Socket Head	1
7A	G0116065	Bolt M16- 65 (Metric) Hex Hd.	2
8	G3116000	Lockwasher M16	3
9	F020820	Carriage Bolt 1/2 UNC x 2	2
10	F210800	Locknut 1/2 UNC	2
11	KD22045	Sprocket - Pump Driver - 45 T	1
12	KD52121	Taper Bushing 1 in. New Holland	1
	H111055	Taper Bushing. John Deere	1
13	F926617	Spline Key 1/4 x 3/8 x 1 1/4. New Holland. Pump Shaft	1
14	H110180	Idler Roller	1
15	KB16204	Bearing - Idler Roller } Replace as assembly.	2
16	KX10185	Snap Ring - Internal } Pt No. H510024	2
17	H110085	Spacer - Belt Idler	1
18	H110084	Idler Stud	1
19	H110023	Adaptor - Pump Drive - New Holland	1
20	G4910060	Cap Screw Socket Head M10 x 1.25 x 60	6
21	KD22048	Sprocket - Pump Drive - New Holland - 48 T	1
22	KD52122	Taper Bushing 2 in. - New Holland	1
23	H110426	Sprocket - Pump Drive - John Deere - 48 T	1
24	H110427	Adaptor - Pump Drive Sprocket - John Deere	1
25	F040730	Bolt 7/16 UNC x 3 GR. 8	4
26	F310700	Lockwasher	4
27	H110979	Pump Guard Plate	1
28	F040406	Bolt 1/4 UNC x 3/4 GR. 8	3
29	F330400	Washer 1/4	3
30	F310400	Lockwasher 1/4	3
31	KD61120	Belt - Pump Drive	1
32	F231250	Locknut 3/4 UNF	1
33	F926616	Spline Key 1/4 x 1/4 x 1. John Deere. Pump Shaft	1
34	H110181	Pump Guard Plate - Non Current	1

NOTE
All John Deere components are
Non Current up to Serial No.
398. See Page 15 for John
Deere Hydraulic Pump Drive,
Current from Serial No. 399.



ITEM NO.	PART NO.	DESCRIPTION	QTY
HYDRAULIC PUMP DRIVE John Deere - 5225. Current from Serial No. 399 to 726			
1	H111126	Vibration Damper	1
2	H111127	Mounting Adapter. Pump Drive	1
3	F080724	Bolt 7/16 unf x 2 1/2 Gr.8	8
4	KD85105	Coupling	2
5	F210750	Locknut 7/16 unf	8
6	G1810070	Bolt M10 x 1.5 x 70 Soc. Hd. Cap.	4
7	KD85106	Flange. 1 in. Bore	2
8	F924414	Key 1/4 x 1/4 x 1 1/2 Lg.	2
9	H111162	Flange. 7/8 in. Bore	1
10	H111131	Shaft. Pump Drive	1
11	F140608	Set Screw 3/8 unc x 1.2 Lg.	3
12	H111129	Mounting Bracket. Pump. L.H.	1
13	F924410	Key 1/4 x 1/4 x 1 Lg.	1
14	H111128	Mounting Plate. Pump	1
15	KH30028	Pump.	1
16	F040814	Bolt 1/2 unc x 1 1/2 Gr.8	2
17	F040614	Bolt 3/8 unc x 1 1/2 Gr.8	4
18	G0416020	Bolt M16 x 2.0 x 20 Hex. Hd. Cap.	4
19	H111130	Mounting Bracket. Pump. R.H.	1
20	F210600	Locknut 3/8 unc	4
21	F210800	Locknut 1/2 unc	2
22	H310266	Battery Tray	1
23	F040406	Bolt 1/4 unc x 3/4 Gr.8	6
24	F210400	Locknut 1/4 unc	2

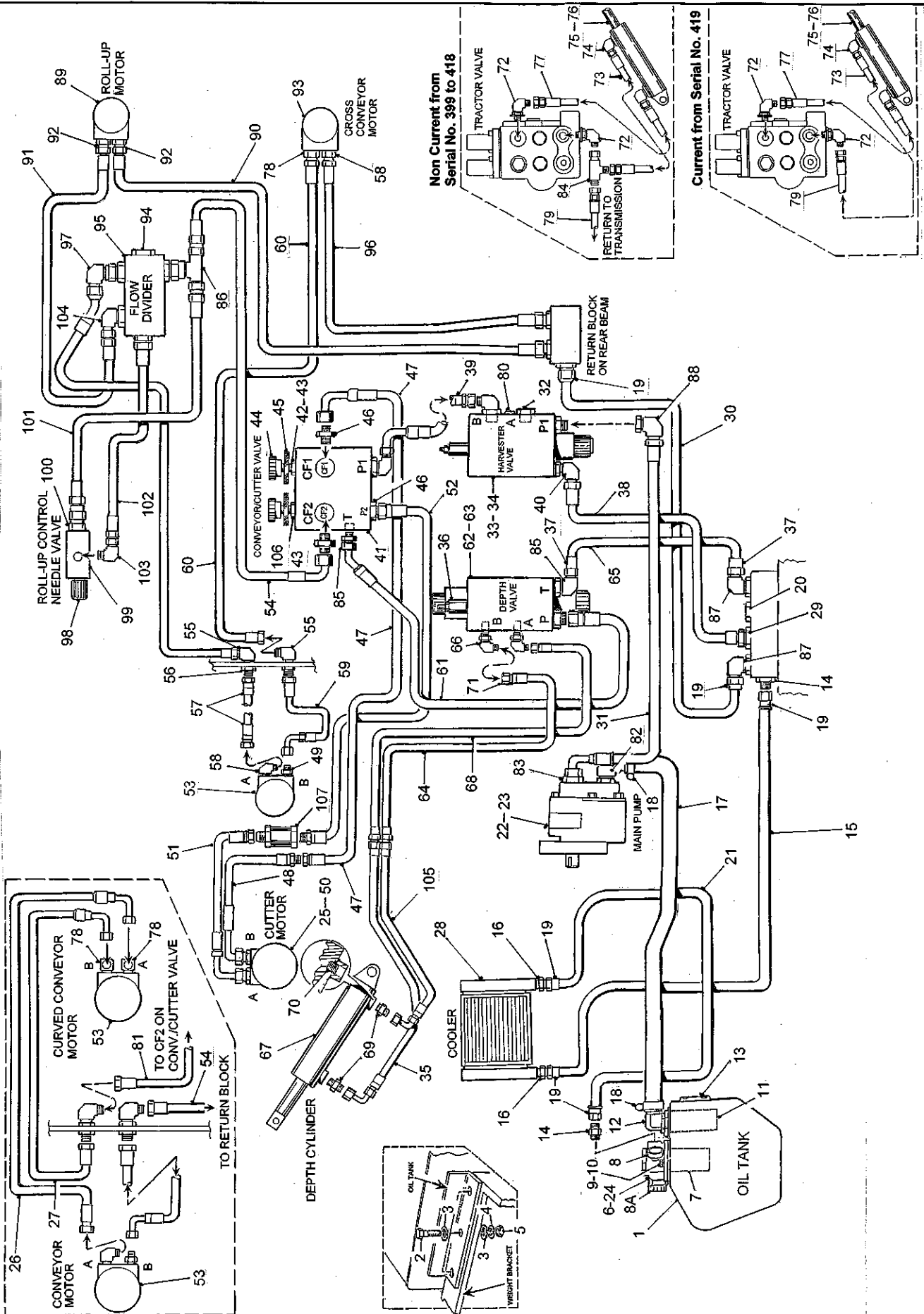
NOTE 1

Apply Loctite 242 to the threads of Items 3 -F080724 - Bolt 7/16 unf x 2 1/2 Gr.8, and Items 6 - G1810070 Bolt M10 x 1.5 x 70 Soc. Hd. Cap.

NOTE 2

See Section 3, Page 25 for the Hydraulic Pump Drive. John Deere 5065 - Current from Serial No. 727.

HYDRAULIC SYSTEM – JOHN DEERE – 5225 **(Front Mount Hydraulic Tank) Current from Serial No. 399**

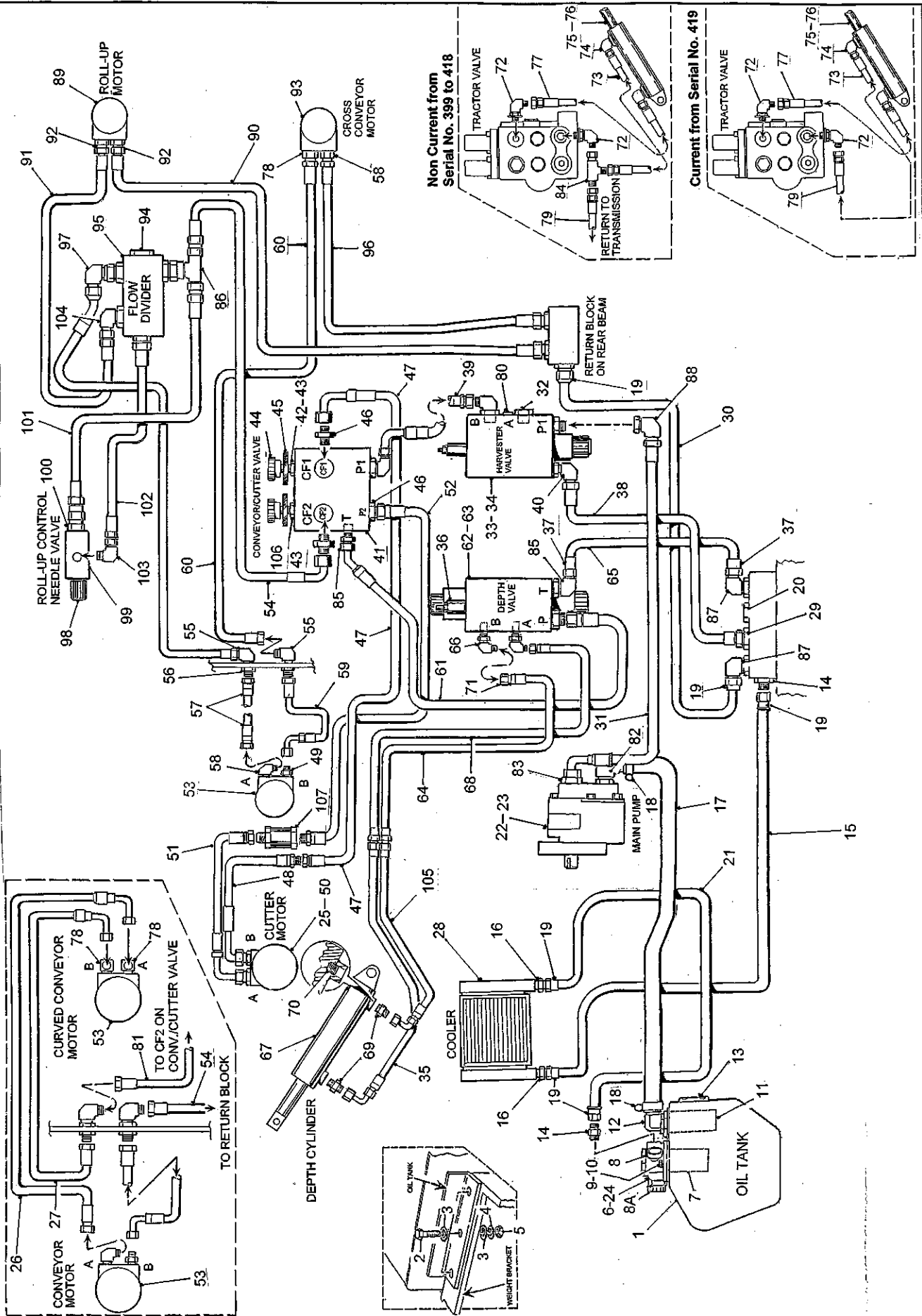


ITEM NO.	PART NO.	DESCRIPTION	QTY
HYDRAULIC SYSTEM - JOHN DEERE - 5225 (Front Mount Hydraulic Tank) Current from Serial No. 399			
1	H310136	Hydraulic Tank	1
2	F040814	Bolt 1/2 x 1 1/2 UNC GR 8	3
3	F320800	Washer 1/2	3
4	F310800	Lockwasher 1/2	3
5	F230800	Nut 1/2 UNC	3
6	KH40033	Return Filter/Breather c/w Indicator	1
7	KH40034	Filter Element	1
	KH40057	Filter Cap	1
8	KH40035	Filter Indicator	1
8A	KH40036	Breather Filter	1
9	F010512	Bolt 5/16 UNC x 1 1/4	2
10	F310500	Lockwasher 5/16	2
11	KH40020	Suction Strainer	1
12	24-24-430292	Fitting Straight Thread O-Ring Connector - See Note	1
12a	20-24-430292	Fitting Straight Thread O-Ring Connector - See Note	1
13	KH10002	Sight Level Gauge	1
14	12-16-070287	Fitting Straight Thread O-Ring Connector	3
15	H100582	Hose. Cooler 'IN' 3/4 ID x 56 in. Lg.	1
16	12-16-070102	Fitting Pipe Thread	2
17	H100583	Suction Hose 1 1/2 ID x 45 in. Non Current - See Note	1
17a	H100629	Suction Hose 1 1/4 ID x 45 in. Current - See Note	1
18	KM60007	Hose Clamp. Non Current - See Note	2
18a	KM60015	Hose Clamp. Current - See Note	2
19	KH01109	Hose End, Female Swivel Barb. 3/4	4
20	12-090109A	No. 12 O-Ring Plug	1
21	H100575	Hose. Cooler OUT 3/4 ID x 78 in.	1
22	KH30028	Gear Pump. Non Current - See Note	1
22a	KH30040	Gear Pump. Current - See Note	1
23	KH70044	Seal Kit - Gear Pump. Non Current - See Note	1
23a	KH70102	Seal Kit - Gear Pump. Current - See Note	1
24	KH70047	Seal Kit - Filter	1
25	KH70043	Seal Kit - Cutter Motors	1
26	H500536	Hose Assembly	1
27	H500535	Hose Assembly	1
28	H111151	Oil Cooler	1
29	12-8-070120	Fitting Straight Thread O-Ring Connector	1
30	H100584	Hose - Rear to Front Return Block	1
31	H500635	Pump Supply Hose Assembly. Pump to Harvester Valve (P1)	1
32	12-12-070120	Fitting - Straight Thread O-Ring Connector	1
33	H500008	Harvester Valve Assembly	1
34	KH20046	Valve Block	1
35	H500620	Hose Assembly, Depth Down. Conveyor Hose	1
36	KH20048	Relief Valve	2
37	KH01114	Hose End, Female Swivel Barb. 1/2	2
38	H100585	Return Hose 3/4 ID. X 20 in. Lg.	1
39	H500636	Hose, Main Supply	1
40	12-12-070220	Fitting - Straight Thread O-Ring 90 Deg. Elbow	1
41	H500012	Flow Regulator Assembly (Cutter/Conveyor)	1
42	KH20094	Flow Regulator Cartridge (Cutter Head)	1
43	KH70042	Seal Kit	1

NOTE

Items 12, 17, 18, 22, 23, 82 & 83 are Non Current from Serial No. 726 including Serial No. 691 and are replaced by items 12a, 17a, 18a, 22a, 23a, 82a & 83a.

HYDRAULIC SYSTEM – JOHN DEERE – 5225 **(Front Mount Hydraulic Tank) Current from Serial No. 399**

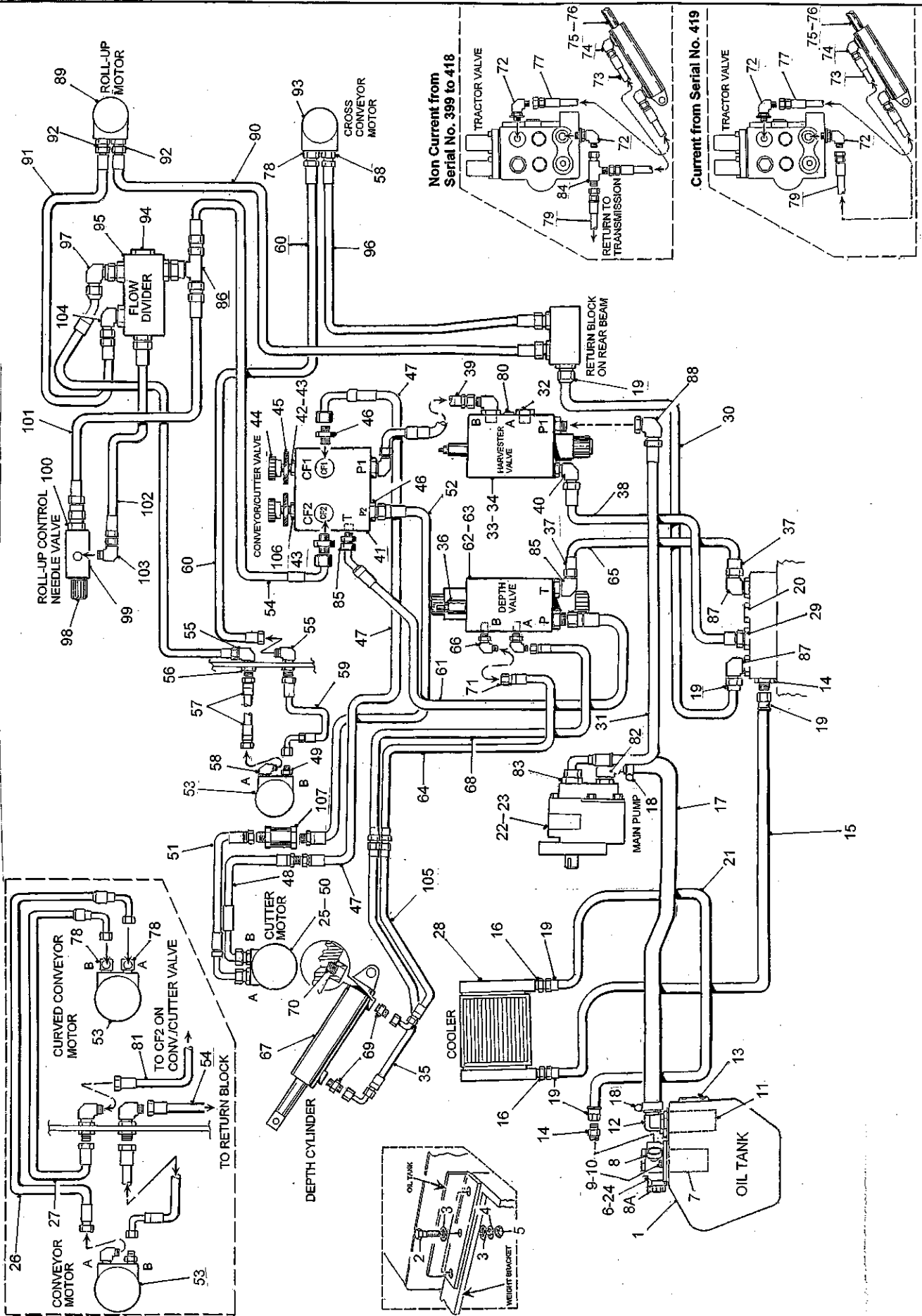


ITEM NO.	PART NO.	DESCRIPTION	QTY
		HYDRAULIC SYSTEM - JOHN DEERE - 5225 (Front Mount Hydraulic Tank) Current from Serial No. 399	
44	KH50003	Knob	2
45	KH50004	Locking Knob	2
46	8-12-070120	Fitting - Straight Thread O-Ring Connector	6
47	H500505	Supply Hose Assembly, Cutter "B Port" (Bulkhead to Valve)	1
48	H500533	Supply Hose Assy, Cutter "B Port" (Motor to Bulkhead)-2150 Model	1
	H500632	Supply Hose Assy. Cutter "B Port" (Motor to Bulkhead)-2200 Model	1
49	8-10-070120	Fitting - Straight Thread O-Ring Connector	3
50	KH30013	Cutter Motor	1
51	H500532	Return Hose Assy, Cutter "A Port" (Motor to Bulkhead)-2150 Model	1
	H500631	Return Hose Assy. Cutter "A Port" (Motor to Bulkhead)-2200 Model	1
52	H500508	Return Hose Assembly, Cutter "A Port" (Bulkhead to Valve)	1
53	KH30007	Motor - Conveyor, Cross Conveyor & Curved Conveyor	2
	KH70054	Seal Kit	1
54	H500509	Hose Assembly, CF2 to Variable Flow Divider	1
55	8-8-070221	Swivel Elbow 90 Deg.	2
56	8-070118	Fitting - Bulkhead Nut	2
57	H500510	Supply Hose Assy., Conveyor "B Port" (Motor to Bulkhead)	1
58	8-10-070220	Fitting - Straight Thread O-Ring 90 Deg. Elbow	2
59	H500511	Return Hose Assy., Conveyor "A Port" (Motor to Bulkhead)	1
60	H500554	Return Hose Assy., Conveyor "A Port" (Bulkhead to Valve)	1
61	H500637	Hose Assy. Depth Valve 'P' to Conv/Cutter Control 'T'	1
62	H500009	Control Valve, Depth	1
63	KH20049	Valve Block	1
64	H500638	Hose Assembly, Depth Valve to Depth Up. Tractor Hose	1
65	H100586	Return Hose 1/2 ID. X 20 in. Lg.	1
66	4-4-070220	Fitting - Straight Thread O-Ring 90 Deg. Elbow	2
67	H500001	Cylinder, Depth Control	1
68	H500639	Hose Assembly, Depth Valve to Depth Down. Tractor Hose	1
69	4-4-070120	Fitting - Straight Thread O-Ring Connector	2
70	H100129	Restrictor, Depth Control	1
71	H500618	Hose Assembly, Depth Up	1
72	8-22-070287	Fitting - Metric Straight Thread. O-Ring Connector 90 deg.	2
73	H500641	Hose Assembly, Lift Up	1
74	6-8-070202	Fitting - 90 Deg. Male Elbow	2
75	KH31001	Head Lift Cylinder	1
76	KH70038	Seal Kit - Conveyor Lift Cylinder	1
77	H500640	Hose Assembly, Lift Up	1
78	8-10-070120	Fitting	5
79	H500642	Hose Assembly - Return	1
80	6-090109B	Plug - Straight Thrd. O-Ring Hex. Socket	1
81	H500534	Hose Assembly. Bulkhead to Harvester Valve. Port A	1
82	24-20-430292	Fitting. Hose Barb to O-Ring Connector - Non Current - See Note	1
82a	20-24-430292	Fitting. Hose Barb to O-Ring Connector - Current - See Note	1
83	12-16-430292	Fitting. Straight Thread 'O' Ring Connector - Non Current - See Note	1
83a	12-12-430292	Fitting. Straight Thread 'O' Ring Connector - Current - See Note	1
84	8-8-8-070432	Fitting. Swivel Nut Run Tee - Non Current from Serial No. 399 to 418	1
85	8-8-070220	Fitting. Straight Thread 'O' Ring 90 deg. Elbow	1
86	8-8-8-070433	Fitting. No.8 Swivel Brace Tee	1
87	8-12-070220	Fitting. Straight Thread 'O' Ring 90 deg. Elbow	1
88	12-12-070221	Fitting. Swivel Nut 90 deg. Elbow	1

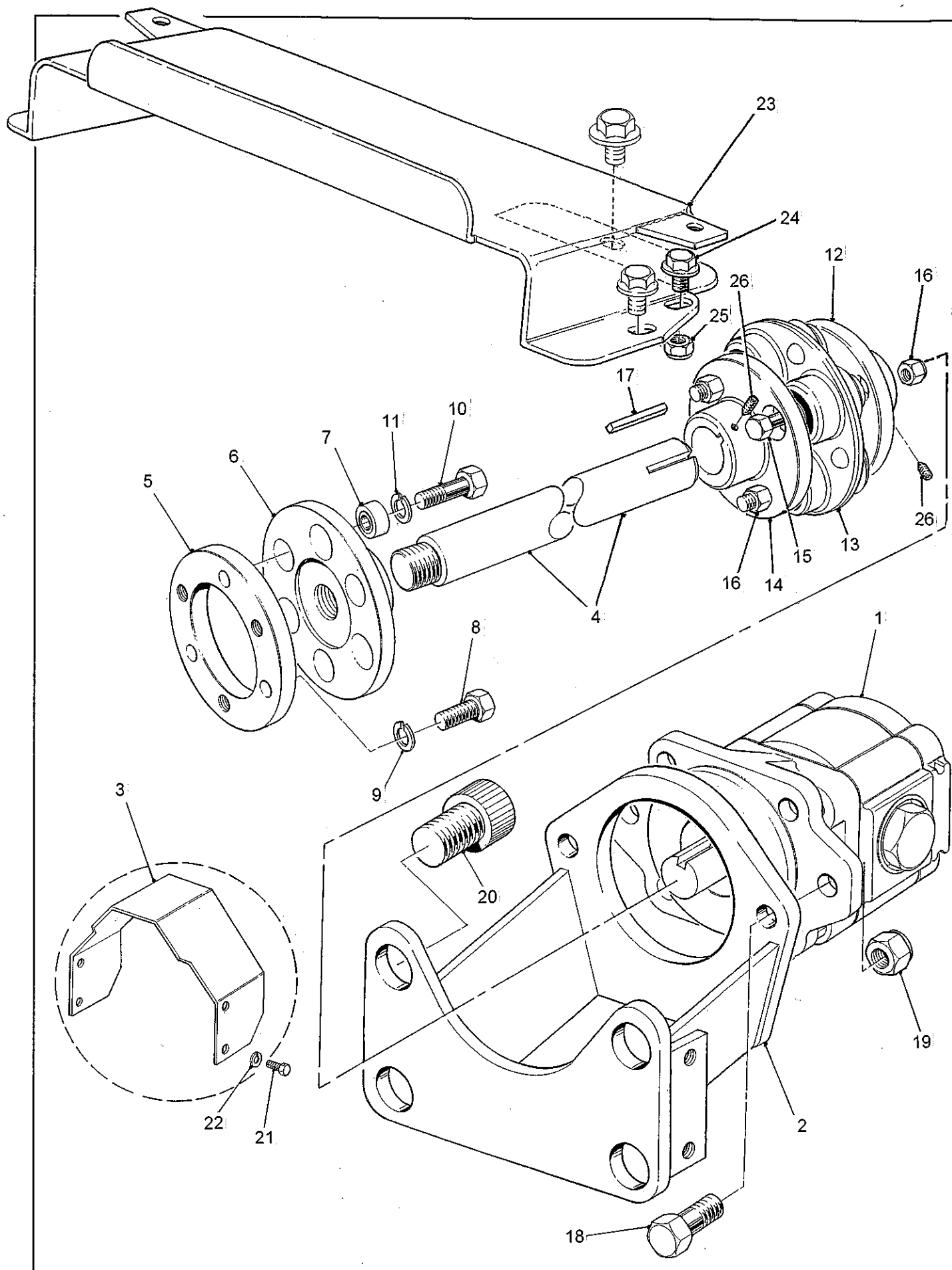
NOTE

Items 12, 17, 18, 22, 23, 82 & 83 are Non Current from Serial No. 726 including Serial No. 691 and are replaced by items 12a, 17a, 18a, 22a, 23a, 82a & 83a.

HYDRAULIC SYSTEM – JOHN DEERE – 5225 **(Front Mount Hydraulic Tank) Current from Serial No. 399**



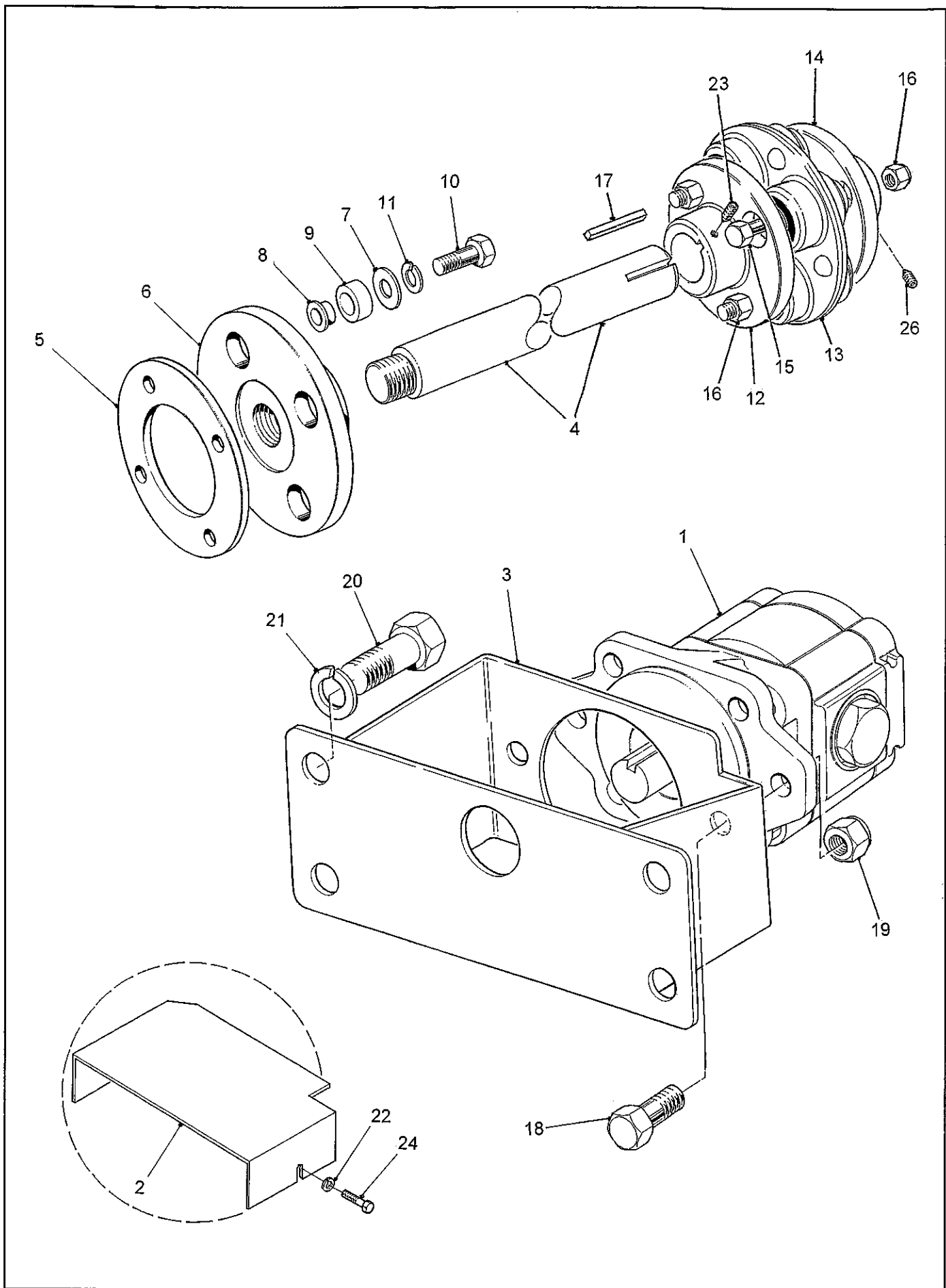
ITEM NO.	PART NO.	DESCRIPTION	QTY
		HYDRAULIC SYSTEM - JOHN DEERE - 5225 (Front Mount Hydraulic Tank) Current from Serial No. 399	
89	KH30016	Roll-Up Motor	1
90	H500580	Hose Assembly Roll-Up Motor to Return Block	1
91	H500579	Hose Assembly Roll-Up Motor to Variable Flow Divider	1
92	6-6-070120	Fitting. No. 6 Adaptor	4
93	KH30007	Main Conveyor & Cross Conveyor Motor	2
	KH70054	Seal Kit	1
94	KH70062	Seal Kit. Flow Divider	1
95	KH20107	Port Body. - Current from Serial No. 339	1
96	H500583	Hose Assembly, Cross Conveyor Motor to Harvester Valve Block	1
97	8-8-070221	Fitting. No. 8 90 deg. Swivel Elbow	1
98	KH20085	Needle Valve	1
99	KH20086	Needle Valve Body	1
100	6-6-070120	Fitting. No. 6 Tube to No. 6 'O'Ring	2
101	H500600	Hose Assembly	1
102	H500601	Hose Assembly	1
103	6-6-070220	Fitting. No. 6 Tube to No. 6 'O'Ring 90 deg.	1
104	8-8-070220	Fitting. No.8 Tube to No. 8 'O'Ring. 90 deg. - Current from Serial No. 339	1
105	H500618	Hose Assembly. Depth Valve to Depth Up. Conveyor Hose	1
106	KH20055	Flow Regulator Cartridge (Conveyor)	1
107	KH20111	In-Line Filter	1



ITEM NO.	PART NO.	DESCRIPTION	QTY
HYDRAULIC PUMP DRIVE New Holland - Current from Serial No. 727			
1	KH30040	Hydraulic Pump	1
2	H310272	Mount. Hydraulic Pump	1
3	H111298	Guard. Hydraulic Pump	1
4	H111350	Shaft	1
5	4136045	Adapter. Crankshaft	1
6	4136050	Flange. Pump Drive	1
7	001425	Bushing. Pump Flange	1
8	G0710040	Bolt M10 x 1.5 x 40 Hex Hd. Cap.	3
9	G311000	Lockwasher M10	3
10	F040714	Bolt 7/16 unc x 1 1/2 Gr.8	3
11	F210708	Lockwasher 7/16	3
12	KD85107	Flange. 7/8 in. Bore	1
13	KD85105	Coupling	1
14	KD85106	Flange. 1 in. Bore	1
15	F080724	Bolt 7/16 unf x 2 1/2	4
16	F210750	Locknut 7/16 unf	4
17	F924414	Key 1/4 x 1/4 x 1 1/2 Lg.	2
18	F040814	Bolt 1/2 unc x 1 1/2 Gr.8	2
19	F210800	Locknut 1/2 unc	2
20	G1820060	Bolt M20 x 2.5 x 60 Soc. Hd. Cap.	4
21	F040404	Bolt 1/4 unc x 1/2 Gr.8	4
22	F310400	Lockwasher 1/4	4
23	H111348	Battery Tray	1
24	F040406	Bolt 1/4 unc x 3/4 Gr. 8	2
25	F210400	Locknut 1/4 unc	2
26	F140608	Set Screw 3/8 unc x 1.2 Lg.	3

NOTE 1

Apply Loctite 242 to the threads of
Items 15 -F080724 - Bolt 7/16 unf x
2 1/2 Gr.8, and Items 20 -
G1810070 Bolt M10 x 1.5 x 70 Soc.
Hd. Cap.



ITEM NO.	PART NO.	DESCRIPTION	QTY
HYDRAULIC PUMP DRIVE John Deere - 5065. Current from Serial No. 727			
1	KH30040	Hydraulic Pump	1
	KH30072	Hydraulic Pump (Powr Reverser Only)	1
2	4139486	Shield. Coupler	1
3	4138398	Pump Mount	1
4	H111381	Shaft	1
5	6109048	Spacer. Pump Pulley	1
6	002239	Flange. Pump Drive	1
7	F330700	Flatwasher 7/16 sae	4
8	4160808	Insert. Pump Flange	4
9	6115068	Bushing. Pump Flange	4
10	F040716	Bolt 7/16 unc x 1 3/4 Gr.8	4
11	F310708	Lockwasher 7/16	4
12	H111162	Flange. 7/8 in. Bore	1
13	KD85105	Coupling	1
14	KD85106	Flange. 1 in. Bore	1
15	F080724	Bolt 7/16 unf x 2 1/2	4
16	F210750	Locknut 7/16 unf	4
17	F924414	Key 1/4 x 1/4 x 1 1/2 Lg.	2
18	F040814	Bolt 1/2 unc x 1 1/2 Gr.8	2
19	F210800	Locknut 1/2 unc	2
20	G0420045	Bolt M20 x 2.5 x 45 Hex Hd. Cap.	4
21	G312000	Lockwasher M20	4
22	F310400	Lockwasher 1/4	2
23	F140608	Set Screw 3/8 unc x 1.2 Lg.	3

NOTE 1

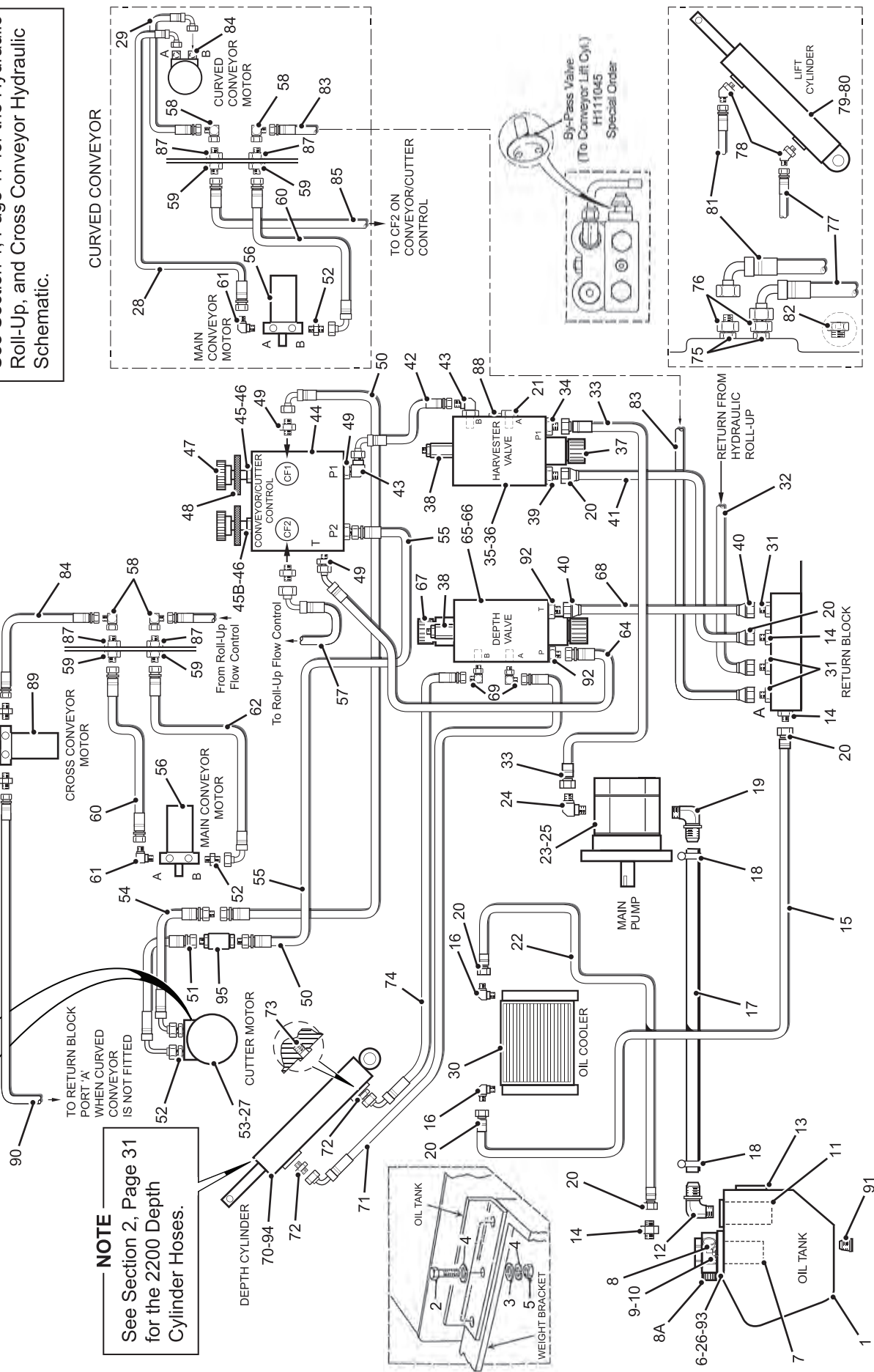
Apply Loctite 242 to the threads of
Items 15 -F080724 - Bolt 7/16 unf x
2 1/2 Gr.8, and Items 20 -
G1810070 Bolt M10 x 1.5 x 70 Soc.
Hd. Cap.

NOTE

See Section 2, Page 25 for the motor hose assembly for the 2200 Floating Head.

NOTE

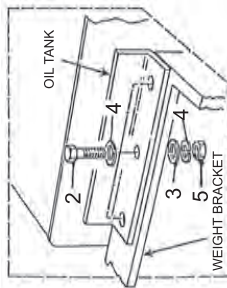
See Section 1, Page 17 for the Hydraulic Roll-Up, and Cross Conveyor Hydraulic Schematic.



NOTE

See Section 2, Page 31 for the 2200 Depth Cylinder Hoses.

TO RETURN BLOCK
PORT 'A'
WHEN CURVED
CONVEYOR
IS NOT FITTED



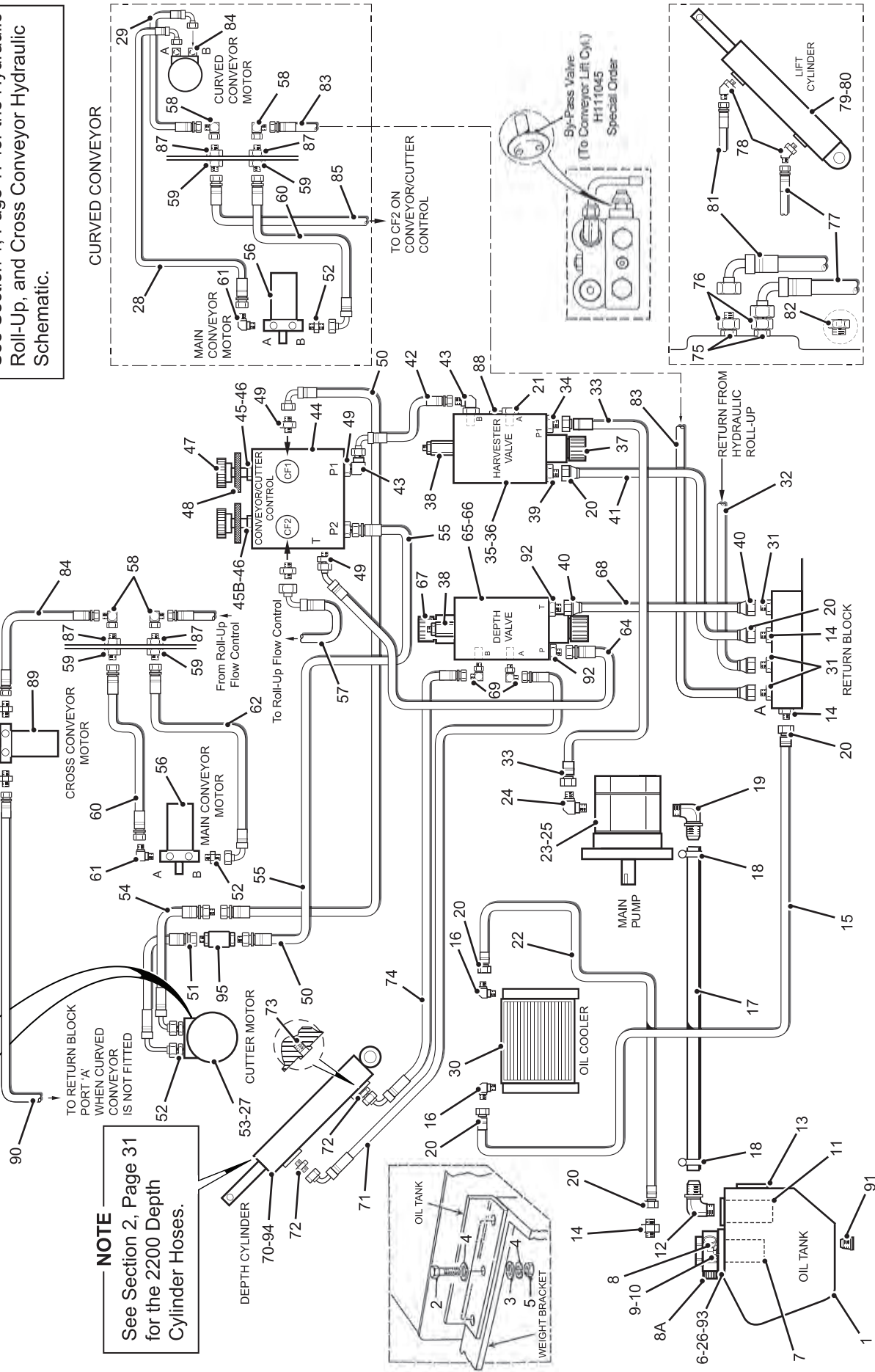
ITEM NO.	PART NO.	DESCRIPTION	QTY
		HYDRAULIC SYSTEM - NEW HOLLAND. Current from Serial No. 727	
1	H310136	Hydraulic Tank	1
2	F040814	Bolt 1/2 x 1 1/2 UNC GR 8	3
3	F320800	Washer 1/2	3
4	F310800	Lockwasher 1/2	3
5	F230800	Nut 1/2 UNC	3
6	KH40033	Return Filter/Breather c/w Indicator (Hydac)	1
7	KH40034	Filter Element	1
	KH40057	Filter Cap	1
8	KH40035	Filter Indicator	1
8A	KH40036	Breather Filter	1
9	F010512	Bolt 5/16 UNC x 1 1/4	2
10	F310500	Lockwasher 5/16	2
11	KH40020	Suction Strainer	1
12	20-24-430292	Hose Barb 1 1/4 - 1 1/2 90 deg.	1
13	KH10002	Sight Level Gauge	1
14	12-12-070120	Fitting Straight Thread O-Ring Connector	1
15	H100574	Hose. Cooler 'IN' 3/4 ID x 8 ft. Lg.	1
16	12-16-070202	Fitting Pipe Thread 90 deg. Elbow	2
17	H100573	Suction Hose 1 1/2 ID x 43 in Lg.	1
18	KM60008	Hose Clamp	2
19	20-20-430292	Hose Barb 1 1/4 - 1 1/4 90 deg.	1
20	KH01109	Hose End, Female Swivel Barb.	4
21	12-090109A	No. 12 O-Ring Plug	2
22	H100575	Hose. Cooler OUT 3/4 ID x 72 in. Lg.	1
23	KH30040	Gear Pump	1
24	12-12-070220	Fitting Straight Thread O-Ring Connector. 90 deg Elbow	1
25	KH70046	Seal Kit - Gear Pump	1
26	KH70047	Seal Kit - Filter. KH40021	1
27	KH70043	Seal Kit - Cutter Motors	1
28	H500536	Hose Assembly	1
29	H500535	Hose Assembly	1
30	H310323	Oil Cooler - Current from Serial No. 712	1
31	8-12-070120	Fitting Straight Thread O-Ring Connector	3
32	H500580	Hose Assy. Hydraulic Roll-Up to Return Block. See Section 1, Page 17	1
33	H500714	Pump Supply Hose Assembly. Pump to Harvester Valve (P1)	1
34	12-12-070120	Fitting Straight Thread O-Ring Connector	1
35	H500008	Harvester Valve Assembly	1
36	KH20046	Valve Block	1
37	KH20059	Solenoid Valve	1
	KH70097	Seal Kit	1
38	KH20048	Relief Valve	2
39	12-12-070120	Fitting Straight Thread O-Ring Connector	1
40	KH01114	Hose End, Female Swivel Barb.	2
41	H100576	Return Hose 3/4 ID. X 14 in. Lg.	1
42	H500504	Hose, Main Supply	1
43	12-12-070220	Fitting - Straight Thread O-Ring 90 Deg. Elbow	1
44	H500012	Flow Regulator Assembly (Cutter/Conveyor)	1
45	KH20094	Flow Regulator Cartridge (Cutter Head)	1
45B	KH20055	Flow Regulator Cartridge (Conveyor)	1
46	KH70042	Seal Kit	1
47	KH50003	Knob	2
48	KH50004	Locking Knob	2

NOTE

See Section 2, Page 25 for the motor hose assembly for the 2200 Floating Head.

NOTE

See Section 1, Page 17 for the Hydraulic Roll-Up, and Cross Conveyor Hydraulic Schematic.



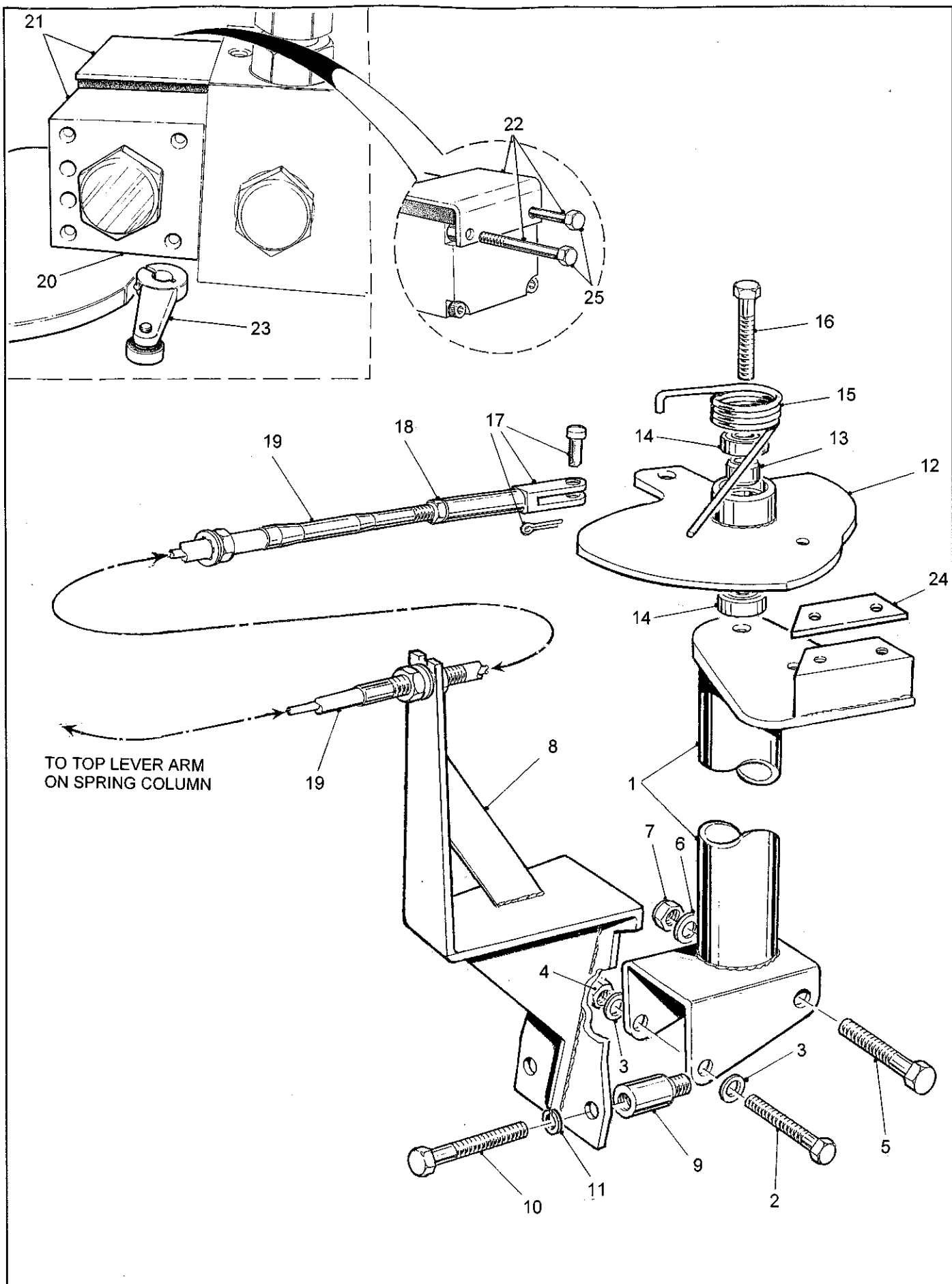
ITEM NO.	PART NO.	DESCRIPTION	QTY
		HYDRAULIC SYSTEM - NEW HOLLAND. Current from Serial No. 727	
49	8-12-070120	Fitting - Straight Thread O-Ring Connector	4
50	H500505	Supply Hose Assembly, Cutter "B Port" (Bulkhead to Valve)	1
51	H500533	Supply Hose Assy. Cutter "B Port" (Motor to Bulkhead)-2150 Model	1
	H500632	Supply Hose Assy. Cutter "B Port" (Motor to Bulkhead)-2200 Model	1
52	8-10-070120	Fitting - Straight Thread O-Ring Connector	3
53	KH30013	Cutter Motor	1
54	H500532	Return Hose Assy. Cutter "A Port" (Motor to Bulkhead)-2150 Model	1
	H500631	Return Hose Assy. Cutter "A Port" (Motor to Bulkhead)-2200 Model	1
55	H500508	Return Hose Assembly, Cutter "A Port" (Bulkhead to Valve)	2
56	KH30007	Motor - Conveyor, Cross Conveyor & Curved Conveyor	2
	KH70054	Seal Kit. Conveyor, Cross Conveyor & Curved Conveyor	1
57	H500509	Hose Assembly, CF2 to Variable Flow Divider - See Note 1	1
58	8-8-070221	Swivel Elbow 90 Deg.	2
59	8-070118	Fitting - Bulkhead Nut	2
60	H500510	Supply Hose Assembly, Conveyor "B Port" (Motor to Bulkhead) See Note 1	1
61	8-10-070220	Fitting - Straight Thread O-Ring 90 Deg. Elbow	1
62	H500511	Return Hose Assembly, Conveyor "A Port" (Motor to Bulkhead) See Note 1	1
63	H500554	Return Hose Assembly, Conveyor "A Port" (Bulkhead to Valve) See Note 1	1
64	H500512	Hose Assy. Depth Valve 'P' to Conv/Cutter Control 'T'	1
65	H500009	Control Valve, Depth	1
66	KH20049	Valve Block	1
67	KH20067	Solenoid Valve	1
68	H100577	Return Hose 1/2 ID. X 13 in. Lg.	1
69	4-4-070220	Fitting - Straight Thread O-Ring 90 Deg. Elbow	2
70	H500001	Cylinder, Depth Control	1
71	H500514	Hose Assembly, Depth Down	1
72	4-4-070120	Fitting - Straight Thread O-Ring Connector	2
73	H100129	Restrictor, Depth Control	1
74	H500513	Hose Assembly, Depth Up	1
75	8-18-070187	Fitting - Metric Straight Thread O-Ring Connector	2
76	8-6-070123	Fitting, Reducer	2
77	H500501	Hose Assembly, Lift Up	1
78	6-8-070320	Fitting - 45 Deg. Male Elbow	2
79	KH31005	Head Lift Cylinder	1
80	KH70038	Seal Kit - Main Lift Cylinder (Conveyor)	1
81	H500502	Hose Assembly, Lift Down	1
82	9029-22x1.5	Metric "O" Ring Plug	1
83	H500554	Hose Assembly N.H.	1
84	8-10-070120	Fitting	2
85	H500509	Hose Assembly	1
86	H500574	Hose Assembly, Cross Conveyor Motor to Bulkhead	1
87	8-8-070601	Bulkhead Fitting	2
88	6-090109B	Plug. Straight Thrd. Hex. Socket	1
89	KH30007	Cross Conveyor Motor	1
	KH70054	Seal Kit. Cross Conveyor Motor	1
90	H500583	Hose Assembly. Cross Conveyor Motor to Bulkhead	1
91	KH00014	Hex Pipe Plug - Magnetic	1
92	8-8-070120	Fitting - Straight Thread 'O' Ring Connector	2
93	KH40041	Filter Cap	1
94	KH70067	Seal Kit. Depth Cylinder	1
95	KH20111	In-line Filter	1

NOTE 1
See Section 1, Page 1
for the Hydraulic Roll-Up
and Cross Conveyor
Hydraulic Schematic.

SECTION 4 AUTO-STEER

2150 & 2200 Models

Sensor Valve & Cam Mount – N.H. 2WD	1
Sensor Valve & Cam Mount – N.H. 4WD	3
Spring Column, Reset Cylinder & Shoe Arm	5
Hydraulic System N.H. & J.D. 5220 Standard Transmission	9
Hydraulic System N.H. Power Shuttle Transmission	11
Hydraulic System J.D. 5225 - Current from Serial No. 399	13
Sensor Valve & Cam Mount – J.D. 5225 2WD & 4WD	15



ITEM NO.	PART NO.	DESCRIPTION	QTY
AUTO-STEER (NEW HOLLAND 2WD) SENSOR VALVE & CAM MOUNT			
1	H310015	Sensor Valve Mount	1
2	F040640	Bolt 3/8 unc x 4 Gr.8	1
3	F320600	Washer 3/8	2
4	F210600	Locknut 3/8 unc	1
5	G0414100	Bolt M14 x 2 x 100	1
6	G3214000	Washer M14	1
7	G2114000	Locknut M14	1
8	H310105	Cable Mounting Bracket	1
9	H110148	Pin-Axle (Modified)	2
10	F041040	Bolt 5/8 unc x 4 Gr.8	2
11	F311000	Lockwasher 5/8	4
12	H310014	Cam - Auto-Steer	1
13	H110116	Spacer - Cam Bearings	1
14	KB16001	Bearing - Auto-Steer Cam	2
15	H110113	Spring - Auto-Steer Cam	1
16	G0112070	Bolt M12 x 2 x 70 (Metric)	1
17	KD10026	Clevis - Cable End (C/W Pin & Cotter Pin)	1
18	F220450	Jam Nut 1/4 unf	1
19	KD10023	Cable Ass'y. (Cam to Spring Column) - See Page 5	1
20	KH20051	Sensor Valve	1
21	H510079	Sensor Valve Assembly	1
22	H510109	Sensor Valve Cover Assembly	1
23	H510111	Cam Roller Arm. Sensor Valve	1
24	H111196	Shim. Sensor Valve Mount	1
25	G0105040	Bolt M5 x .8 x 40 (Metric)	2

NOTE

See Page 10 for Sensor Valve
Seal Kit & End Cap Kit.

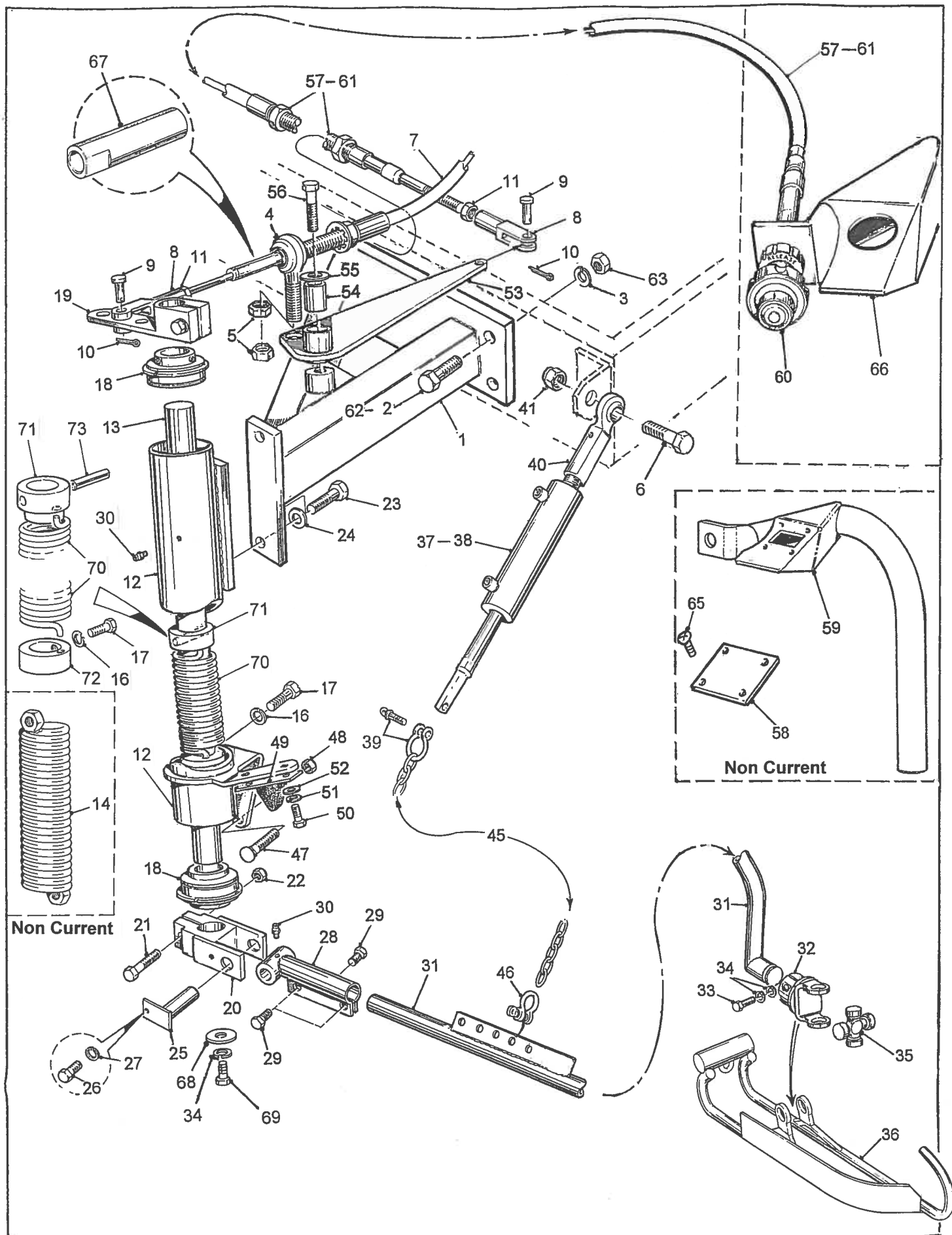
ITEM NO.	PART NO.	DESCRIPTION	QTY
AUTO-STEER - CAM & SENSOR VALVE MOUNT (NEW HOLLAND 4WD)			
1	H310075	Sensor Valve Mount	1
2	G0710050	Bolt M10 x 1.25 x 50	3
3	G311000	Lockwasher M10	3
4	H310014	Auto-Steer Cam	1
5	H110116	Spacer - Cam Bearings	1
6	KB16001	Bearing - Cam	2
7	H110113	Spring - Cam	1
8	G0112070	Bolt M12-70	1
9	F320800	Washer 1/2	2
10	KM11400	Grease Fitting	1
11	H310077	Cable Anchor - Sensor Valve	1
12	F040860	Bolt 1/2 unc x 6 Gr.8	2
13	F230800	Nut 1/2 unc	2
14	F040810	Bolt 1/2 unc x 1 Gr.8	1
15	F310800	Lockwasher 1/2	3
16	KD10023	Cable Assy. Cam to Spring Column - See Page 5	1
17	KD10026	Clevis Cable End (C/W Pin & Cotter Pin)	1
18	F220450	Jam Nut 1/4 unf	1
19	KD10026	Clevis - Cable End (C/W Pin & Cotter Pin)	1
20	H110375	Top Lever Arm (Spring Column)	1
21	KB16010	Rod End	1
22	F221050	Jam Nut 5/8 unf	2
23	KH20051	Sensor Valve	1
24	H510079	Sensor Valve Assembly	1
25	H510109	Sensor Valve Cover Assembly	1
26	H510111	Cam Roller Arm. Sensor Valve	1
27	H110795	Cable Guide	1
28	H111196	Shim. Sensor Valve Mount	1
29	G0105040	Bolt M5 x .8 x 40 (Metric)	2
30	H110410	Clamp Bar	1
31	H310302	Cable Anchor Extension	1
32	F040612	Bolt 3/8 unc x 1 1/4 Gr.8	1
33	F310608	Lockwasher 3/8 Gr.8	1

NOTE

Items 4, 5, & 6 are available as assembly - H510010 Auto-Steer Cam Assembly

NOTE

See Page 12 for Sensor Valve Seal Kit & End Cap Kit.



ITEM NO.	PART NO.	DESCRIPTION	QTY
AUTO-STEER - Spring Column / Reset Cylinder / Shoe Arm (New Holland & John Deere)			
1	H310134	Spring Column Mount	1
2	F040820	Bolt 1/2 UNC x 2 GR. 8 (New Holland)	4
3	F310800	Lockwasher 1/2	4
4	KB16010	Rod End	1
5	F221050	Jam Nut 5/8 UNF	2
6	F041224	Bolt 3/4 UNC x 2 1/2 GR. 8	1
7	KD10023	Cable Assy. (Top Lever Arm to Cam)	1
8	KD10026	Clevis - Cable End	2
9	--	Clevis Pin	2
10	--	Cotter Pin	2
11	F220450	Jam Nut	2
12	H310051	Spring Column	1
13	H110334	Shaft-Spring Column	1
14	H310054	Torsion Spring - See Note 1	1
15	F040612	Bolt 3/8 UNC x 1 1/4 GR. 8	1
16	F310600	Lockwasher 3/8	2
17	F040606	Bolt 3/8 UNC x 3/4 GR. 8	1
18	KB20510	Bearing c/w Snap Ring	2
19	H110375	Top Lever Arm	1
20	H310055	Support Pivot - Ski Arm	1
21	F040824	Bolt 1/2 UNC x 2 1/2 GR. 8	1
22	F210800	Locknut 1/2 UNC	1
23	F040812	Bolt 1/2 UNC x 1 1/4 GR. 8	3
24	F310800	Lockwasher 1/2	3
25	H310056	Pivot Pin	1
26	F040404	Bolt 1/4 UNC x 1/2 GR. 8	1
27	F310400	Lockwasher	1
28	H310052	Mounting Pivot - Shoe Arm	1
29	F040512	Bolt 5/16 UNC x 1 1/4 GR. 8	3
30	KM11400	Grease Fitting	2
31	H310064	Arm - Guide Shoe	1
32	H310039	Split Clamp Yoke	1
33	F040612	Bolt 3/8 UNC x 1 1/4 GR. 8	1
34	F310600	Lockwasher 3/8	3
35	KD91103	Crosspiece c/w Bearings, Seals & Lube Fitting	1
36	H510012	Guide Shoe Assembly	1
37	H500014	Reset Cylinder (See Auto-Steer Hydraulic Section for Fittings)	1
38	KH70039	Seal Kit - Reset Cylinder	1
39	KC00102	Shackle	1
40	KB16011	Rod End (MW12)	1
41	F211200	Locknut 3/4 UNC	1
42	F040520	Bolt 5/16 UNC x 2 GR. 8 (obsolete)	1
43	F320500	Washer 5/16 (obsolete)	2
44	F210550	Locknut 5/16 UNC (obsolete)	1
45	H110693	Chain - Shoe Arm Lift	1
46	KC01002	Shackle	1
47	F020820	Carriage Bolt 1/2 UNC x 2	1
48	F210800	Locknut 1/2 UNC	1
49	KS60001	Bump Stop - Shoe Arm	1
50	F040506	Bolt 5/16 UNC x 3/4 GR. 8	2
51	F310500	Lockwasher 5/16	2

Items 13 to 18.
It is recommended that these items are ordered as Service Assembly - Part No. H510120.

NOTE 1

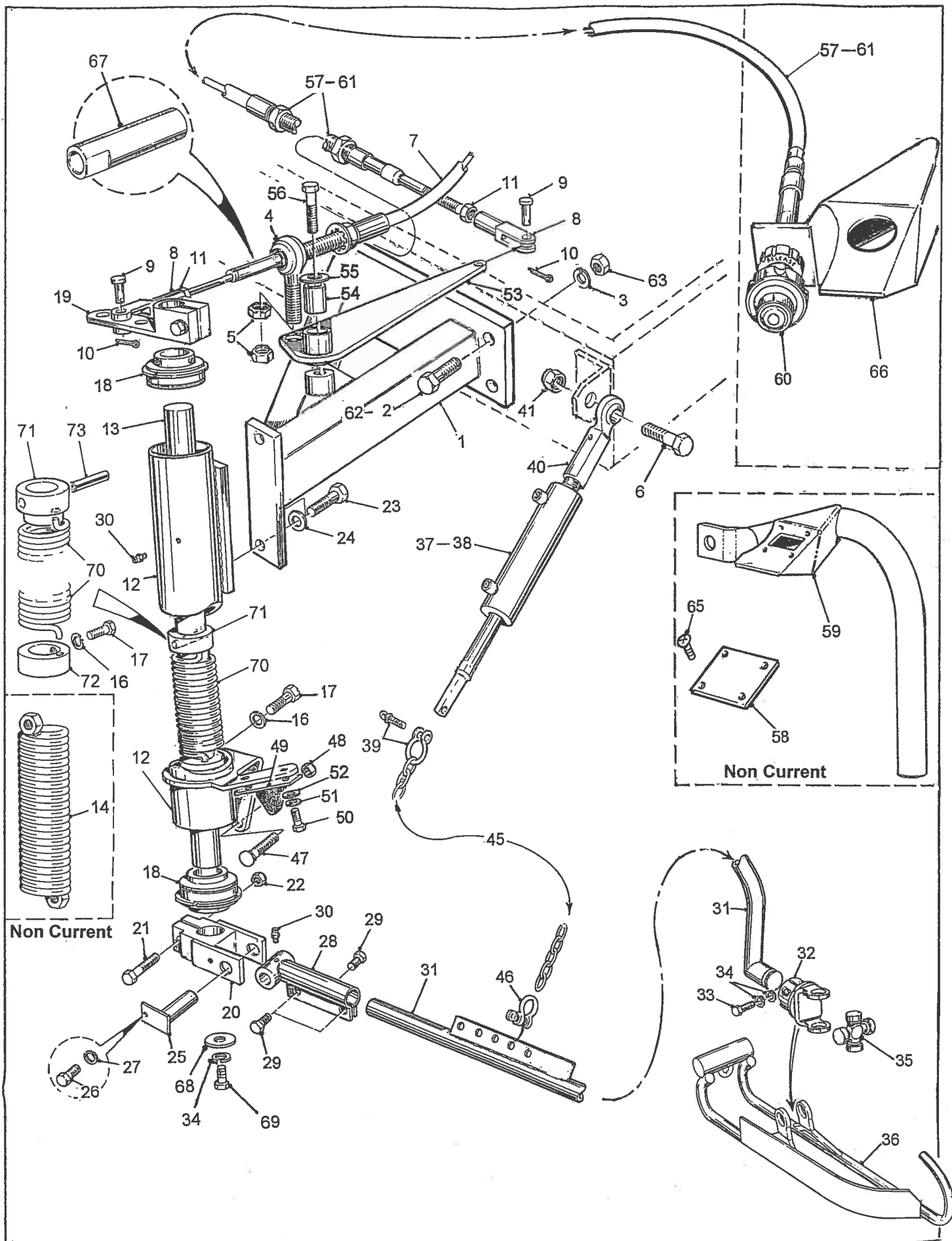
Item 14 is Non Current and has been replaced by items 70, 71, 72 & 73 - Torsion Spring Kit. H510199.

NOTE

Items 32 to 36 are available as assembly - H510012.

NOTE

Items 37, 39, 40, 45 & 46 are available as assembly - H510076.



ITEM NO.	PART NO.	DESCRIPTION	QTY
AUTO-STEER Spring Column/Reset Cylinder/Shoe Arm			
52	F320500	Washer 5/16	2
53	H310074	Lever Arm - Fine Adjust	1
54	H110399	Bushing	1
55	F320500	Washer 5/16	1
56	F040820	Bolt 1/2 UNC x 2 GR. 8	1
57	KD10025	Cable Assy. - Fine Adjust	1
	KD10031	Cable Assembly - Fine Adjust. Cab Unit only	1
58	H110822	Cover - Counter Mount - Non Current	1
59	H310101	Mount - Fine Adjust Cable & Counter - Non Current	1
60	KD10029	Control Head - Fine Adjust Cable	1
61	KD10030	Control Cable Only - Fine Adjust Cable	1
	KD10031	Control Cable Only - Cab Unit	1
62	F040814	Bolt 1/2 UNC x 1 1/2 GR. 8 (John Deere)	4
63	F230800	Nut 1/2 UNC	4
64	F041224	Bolt 3/4 UNC x 2 1/2 GR. 8	1
65	F580202	Bolt #10 UNC x 1/4 Pan Hd. Phil. - Non Current	4
66	H310215	Mount - Fine Adjust Cable & Counter	1
67	H110795	Cable Guide	1
68	H100045	Retainer Washer	1
69	F040606	Bolt 3/8 unc x 3/4 Gr.8	1
70	H111207	Spring - See Note	1
71	H111208	Upper Spring Socket	1
72	H111209	Lower Spring Socket	1
73	F940616	Spring Pin 3/8 Dia. X 1 3/4 Lg.	1

NOTE

Items 70, 71, 72 & 73 are available as Torsion Spring Service Kit - H510199.

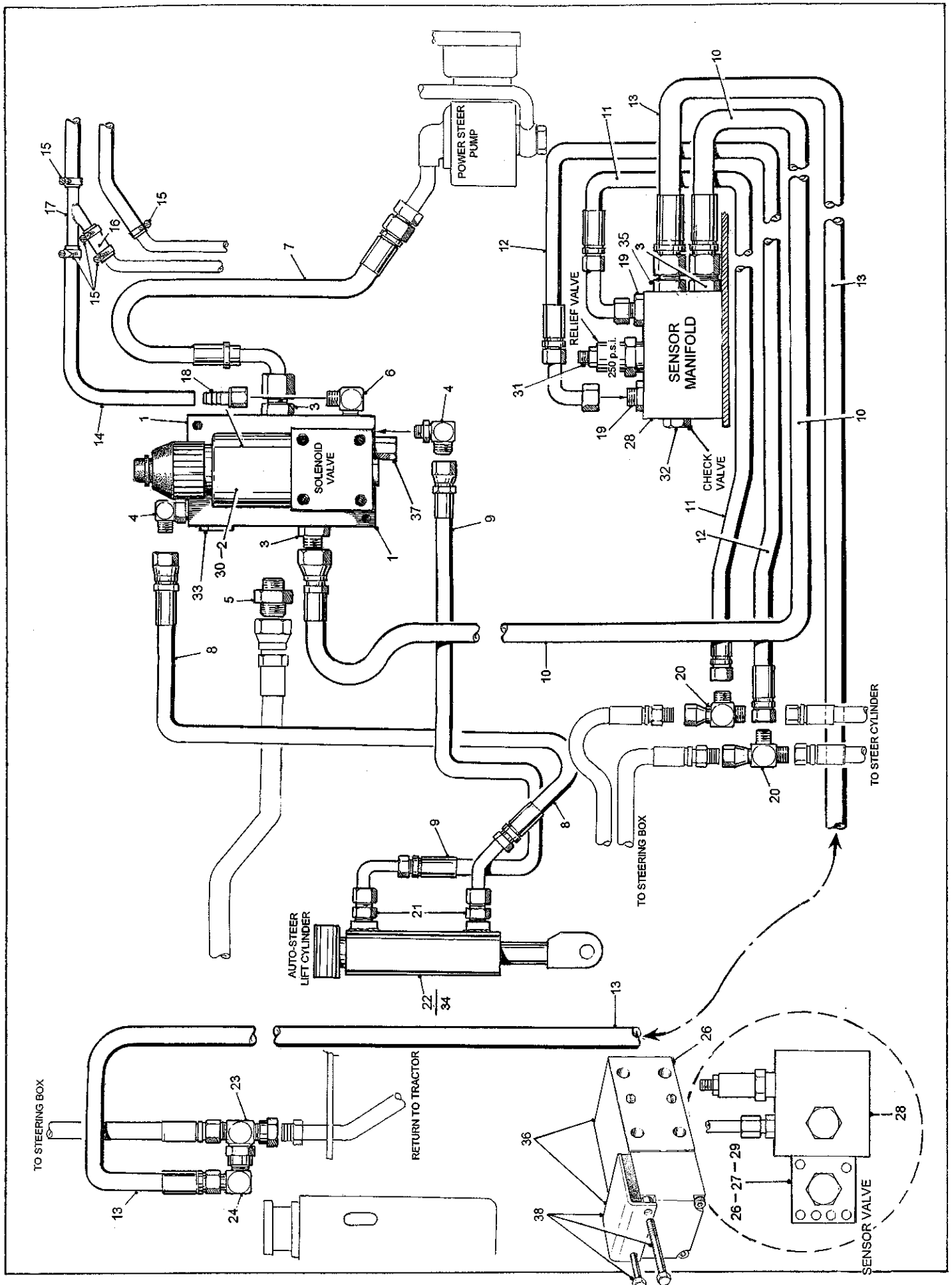


ITEM NO.	PART NO.	DESCRIPTION	QTY
AUTO-STEER HYDRAULIC SYSTEM John Deere 5220 & New Holland (Standard Transmission)			
1	H500007	Manifold	1
2	KH20071	Solenoid Valve	1
3	8-8-070120	# 8 Connector	5
4	6-6-070220	Fitting - # 6 Swivel Nut 90° Elbow	2
5	10-8-070120	Fitting - 1/2 Straight "O" Ring Connector	1
6	8-8-8-070433	Fitting - Swivel Nut Branch Tee	1
7	H500521	Hose Assembly N.H.	1
	H500539	Hose Assembly J.D.	1
8	H500522	Hose Assembly N.H.	1
	H500540	Hose Assembly J.D.	1
9	H500523	Hose Assembly N.H.	1
	H500540	Hose Assembly J.D.	1
10	H500524	Hose Assembly N.H.	1
	H500542	Hose Assembly J.D.	1
11	H500525	Hose Assembly N.H.	1
	H500543	Hose Assembly J.D.	1
12	H500526	Hose Assembly N.H.	1
	H500543	Hose Assembly J.D.	1
13	H500529	Hose Assembly N.H.	1
	H500544	Hose Assembly J.D.	1
14	H500530	Hose Assembly N.H.	1
	H500545	Hose Assembly J.D.	1
15	H500013	Sensor Manifold	1
16	6-6-070120	# 6 Connector	2
17	6-6-6-070432	Fitting - Swivel Nut Run Tee N.H.	2
	8-8-8-520432	Fitting - Swivel Nut Run Tee J.D.	1
18	H500014	Auto-Steer Reset Cylinder	1
19	6-2-070102	Fitting - 3/8 Male Connector (Pipe Thread)	2
	6-6-070120	Fitting - 3/8 Male Connector (O-Ring)	2
20	10-10-10-070432	Fitting - 5/8 Swivel Nut Run Tee	1
21	10-10-070221	Fitting - 5/8 Swivel Nut 90° Elbow - N.H.	1
	8-8-8-520432	Fitting - 5/8 Swivel Nut 90° Elbow - J.D.	1
22	KH20051	Sensor Valve	1
23	KH70041	Seal Kit - Sensor Valve	1
24	KH20054	End Cap Kit - Sensor Valve	1
25	KH70048	Seal Kit - Solenoid Valve (KH20071)	1
26	KH20036	Relief Valve for H500013	2
27	KH20056	Check Valve for H500013	1
28	KH20042	Check Valve for H500007	1
29	H500541	Hose Assembly. J.D. Only	1
30	10-22-070287	Fitting. J.D. Only	1
31	KH70039	Seal Kit -Reset Cyl	A/R
32	H510079	Sensor Valve Assembly	1
33	KH20052	Relief Valve Kit	1
34	H510109	Sensor Valve Cover Assembly	1

NOTE

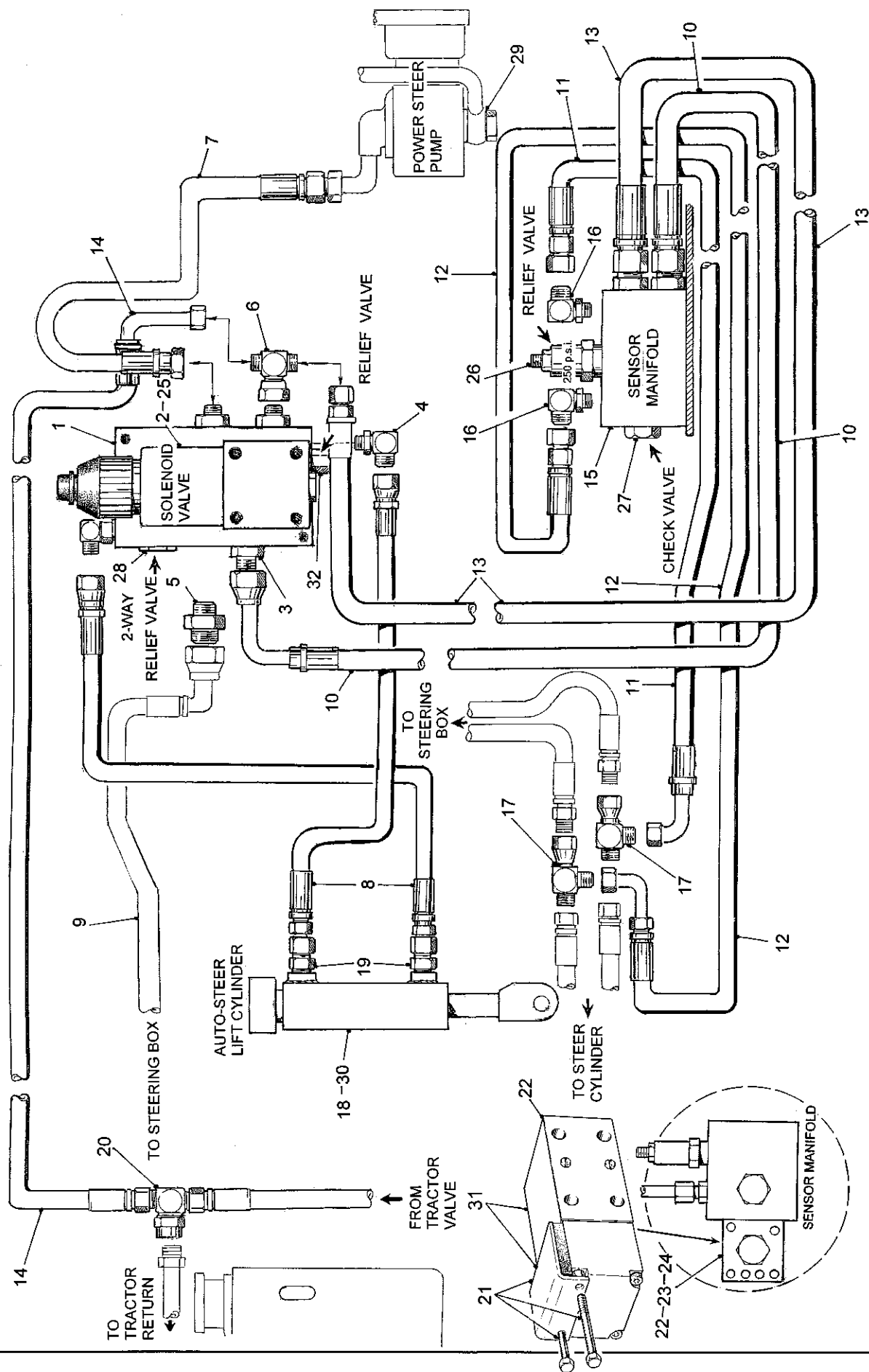
Item 24 KH20054 End Cap Kit Comprises:

- * Roller Lever
- * Pivot Housing
- * Pivot Shaft
- * Pivot Pin
- * Pin Stop
- * Pin



ITEM NO.	PART NO.	DESCRIPTION	QTY
AUTO-STEER HYDRAULIC SYSTEM (POWER SHUTTLE TRANSMISSION) - NEW HOLLAND			
1	H500007	Manifold	1
2	KH20071	Solenoid Valve	1
3	8-8-070120	# 8 Connector	3
4	6-6-070220	Fitting - Swivel Nut 90° Elbow	2
5	10-8-070120	Fitting - 1/2 Straight "O" Ring Connector	1
6	8-8-070220	Fitting - Elbow 90° "O" Ring Connector	1
7	H500521	Hose Assembly	1
8	H500522	Hose Assembly	1
9	H500523	Hose Assembly	1
10	H500524	Hose Assembly	1
11	H500525	Hose Assembly	1
12	H500526	Hose Assembly	1
13	H500528	Hose Assembly	1
14	Q8573	Hose 3/8 Low Press	A/R
15	KH68116	Hose Clamp 1 in.	5
16	Q8573	Hose 3/8 Low Press	A/R
17	KH00502	Return Tee	1
18	KH01114	Hose End - Female Swivel Barb	1
19	6-6-070120	# 6 Connector	2
20	6-6-6-070432	Fitting - Swivel Nut Branch Tee	2
21	6-2-070102	Fitting - 3/8 Male Connector (Pipe Thread)	2
	6-6-070120	Fitting - 3/8 Male Connector (O-Ring)	2
22	H500014	Auto-Steer Reset Cylinder	1
23	10-10-070221	Fitting - 5/8 Swivel Nut 90° Elbow	1
24	10-10-10-070432	Fitting - 5/8 Swivel Nut Run Tee	1
25	KH20009	Check Valve	1
26	KH20051	Sensor Valve	1
27	KH70041	Seal Kit - Sensor Valve	1
28	H500013	Sensor Manifold	1
29	KH20054	End Cap Kit - Sensor Valve	1
30	KH70048	Seal Kit - Solenoid Valve (KH20071)	1
31	KH20036	Relief Valve - for H500013	2
32	KH20056	Check Valve - for H500013	1
33	KH20042	Check Valve - for H500007	1
34	KH70039	Seal Kit -Reset Cyl.	1
35	KH20101	Check Valve Fitting	1
36	H510079	Sensor Valve Assembly	1
37	KH20052	Relief Valve Kit	1
38	H510109	Sensor Valve Cover Assembly	1
NOTE Item 29 KH20054 End Cap Kit Comprises: * Roller Lever * Pivot Housing * Pivot Shaft * Pivot Pin * Pin Stop * Pin			

AUTO-STEER HYDRAULIC SYSTEM



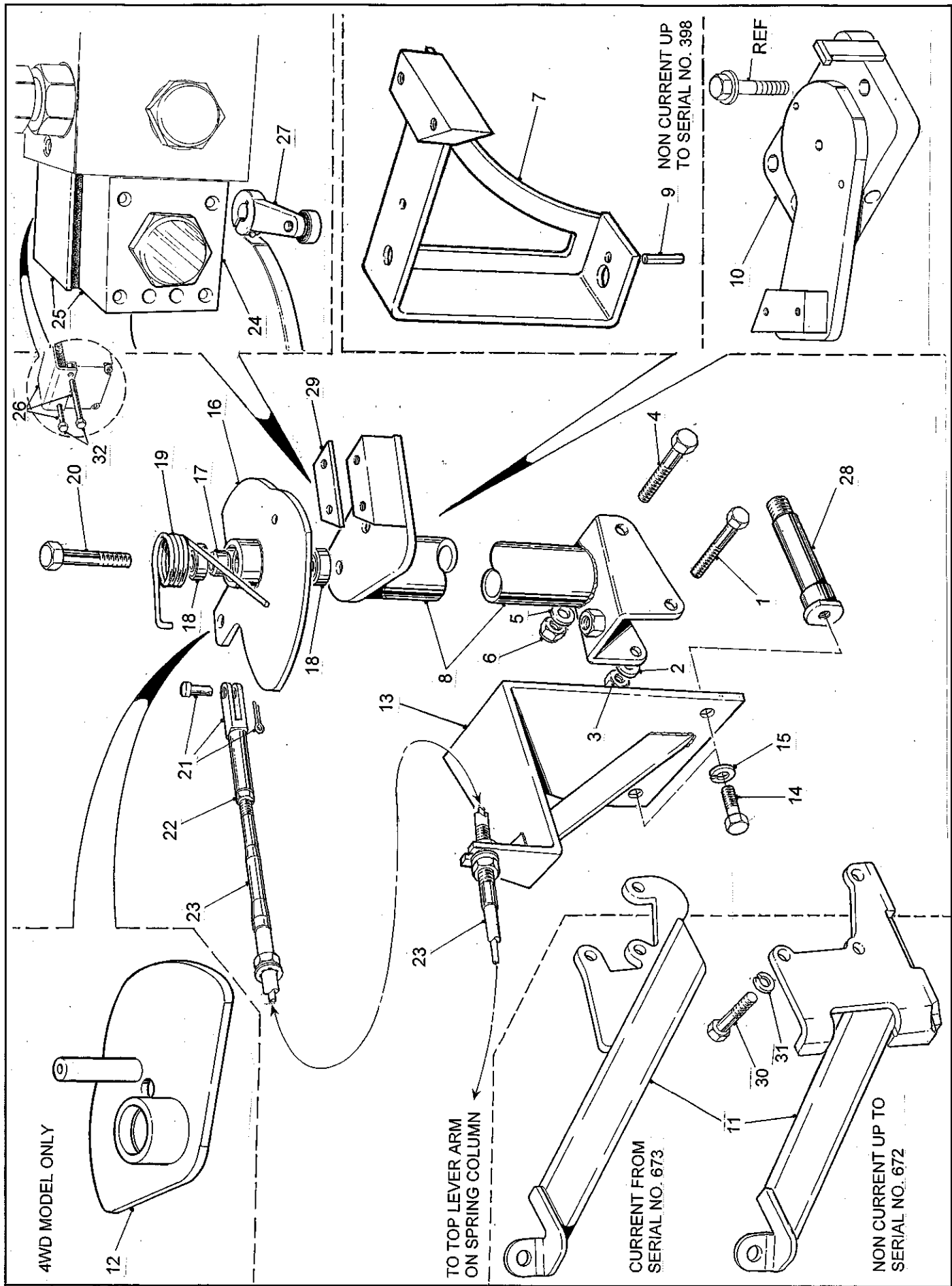
ITEM NO.	PART NO.	DESCRIPTION	QTY
AUTO-STEER HYDRAULIC SYSTEM John Deere. 2WD & 4WD - 5225 & 5065. Current from Serial No. 399			
1	H500007	Manifold	1
2	KH20071	Solenoid Valve	1
3	8-8-070120	# 8 Connector	5
4	6-6-070220	Fitting - # 6 Swivel Nut 90° Elbow	2
5	08-08-52120	Fitting - No. 8 Orfs. To 'O' Ring Adapter	1
6	8-8-8-070433	Fitting - Swivel Nut Branch Tee	1
7	H500644	Hose Assembly	1
8	H500645	Hose Assembly	1
9	Ref.	Hose Assembly - Non Current up to Serial No. 726	1
	H500718	Hose Assembly - Current from Serial No. 727	1
10	H500542	Hose Assembly. 2WD	1
	H500655	Hose Assembly. 4WD	1
11	H500646	Hose Assembly	1
12	H500646	Hose Assembly - Non Current up to Serial No. 726	1
	H500716	Hose Assembly - Current from Serial No. 727	1
13	H500647	Hose Assembly. 2WD	1
	H500656	Hose Assembly. 4WD	1
14	H500648	Hose Assembly - Non Current up to Serial No. 726	1
	H500717	Hose Assembly - Current from Serial No. 727	1
15	H500013	Sensor Manifold	1
16	6-6-070220	# 6 Connector. 90 deg.	2
17	8-8-8-520432	Fitting - Swivel Nut Run Tee	1
18	H500014	Auto-Steer Reset Cylinder	1
19	6-2-070102	Fitting - 3/8 Male Connector (Pipe Thread)	2
	6-6-070120	Fitting - 3/8 Male Connector (O-Ring)	2
20	08-08-08-070432	Fitting - 5/8 Swivel Nut Run Tee	1
21	H510109	Sensor Valve Cover Assembly	1
22	KH20051	Sensor Valve	1
23	KH70041	Seal Kit - Sensor Valve	1
24	KH20054	End Cap Kit - Sensor Valve	1
25	KH70048	Seal Kit - Solenoid Valve (KH20071)	1
26	KH20036	Relief Valve for H500013	2
27	KH20056	Check Valve for H500013	1
28	KH20042	Relief Valve for H500007	1
29	08-22-020287	Fitting. 90 deg. Elbow	1
30	KH70039	Seal Kit -Reset Cyl	A/R
31	H510079	Sensor Valve Assembly	1
32	KH20052	Relief Valve Kit	1

NOTE

Item 24 KH20054 End Cap Kit
Comprises:

- * Roller Lever
- * Pivot Housing
- * Pivot Shaft
- * Pivot Pin
- * Pin Stop
- * Pin

22-Jun-10



ITEM NO.	PART NO.	DESCRIPTION	QTY
AUTO-STEER (JOHN DEERE 2WD & 4WD) SENSOR VALVE & CAM MOUNT			
1	F040640	Bolt 3/8 unc x 4 Gr.8	1
2	F320600	Washer 3/8	1
3	F210600	Locknut 3/8 unc	2
4	G0414100	Bolt M14 x 2 x 100	1
5	G3214000	Washer M14	1
6	G2114000	Locknut M14	1
7	H310081	Sensor Valve Mount. 2WD - Non Current up to Serial No. 398	1
8	H310253	Sensor Valve Mount. 2WD - Current from Serial No. 399	1
9	F940312	Roll Pin 3/16 x 1/2	1
10	H310286	Sensor Valve Mount. 4WD - Non Current up to Serial No. 672	1
	H310306	Sensor Valve Mount. 4WD - Current from Serial No. 673	1
11	H310288	Cable Mounting Bracket. 4WD - Non Current up to Serial No. 672	2
	H310305	Cable Mounting Bracket. 4WD - Current from Serial No. 673	2
12	H310287	Cam Auto Steer. 4WD	1
13	H310072	Cable Mounting Bracket. 2WD - Non Current up to Serial No. 398	1
	H310264	Cable Mounting Bracket. 2WD - Current from Serial No. 399	1
14	F041010	Bolt 5/8 unc x 1 Gr.8	2
15	F311000	Lockwasher 5/8	4
16	H310014	Cam - Auto-Steer. 2WD	1
17	H110116	Spacer - Cam Bearings	1
18	KB16001	Bearing - Auto-Steer Cam	2
19	H110113	Spring - Auto-Steer Cam	1
20	G0112070	Bolt M12 x 2 x 70 (Metric)	1
	H111266	Bolt. Modified (Metric) - 4WD only	1
21	KD10026	Clevis - Cable End (C/W Pin & Cotter Pin)	1
22	F220450	Jam Nut 1/4 unf	1
23	KD10023	Cable Ass'y. (Cam to Spring Column) - See Page 5	1
24	KH20051	Sensor Valve	1
25	H510079	Sensor Valve Assembly	1
26	H510109	Sensor Valve Cover Assembly	1
27	H510111	Cam Roller Arm. Sensor Valve	1
28	H110441	Pin-Axle (Modified) - J.D. - Non Current from Serial No. 398	1
	H111132	Pin-Axle (Modified) - J.D. - Current from Serial No. 399	1
29	H111196	Shim. Sensor Valve Mount	1
30	G0212040	Bolt M12 x 1.75 x 40 (Metric)	3
31	G311200	Lockwasher M12 (Metric)	3
32	G0105040	Bolt M5 x .8 x 40 (Metric)	2

NOTE

Attach Item 7 - Sensor Valve Mount with Tractor Stud & Nut.

NOTE

See Page 10 for Sensor Valve Seal Kit & End Cap Kit.

SECTION 5 ELECTRICAL

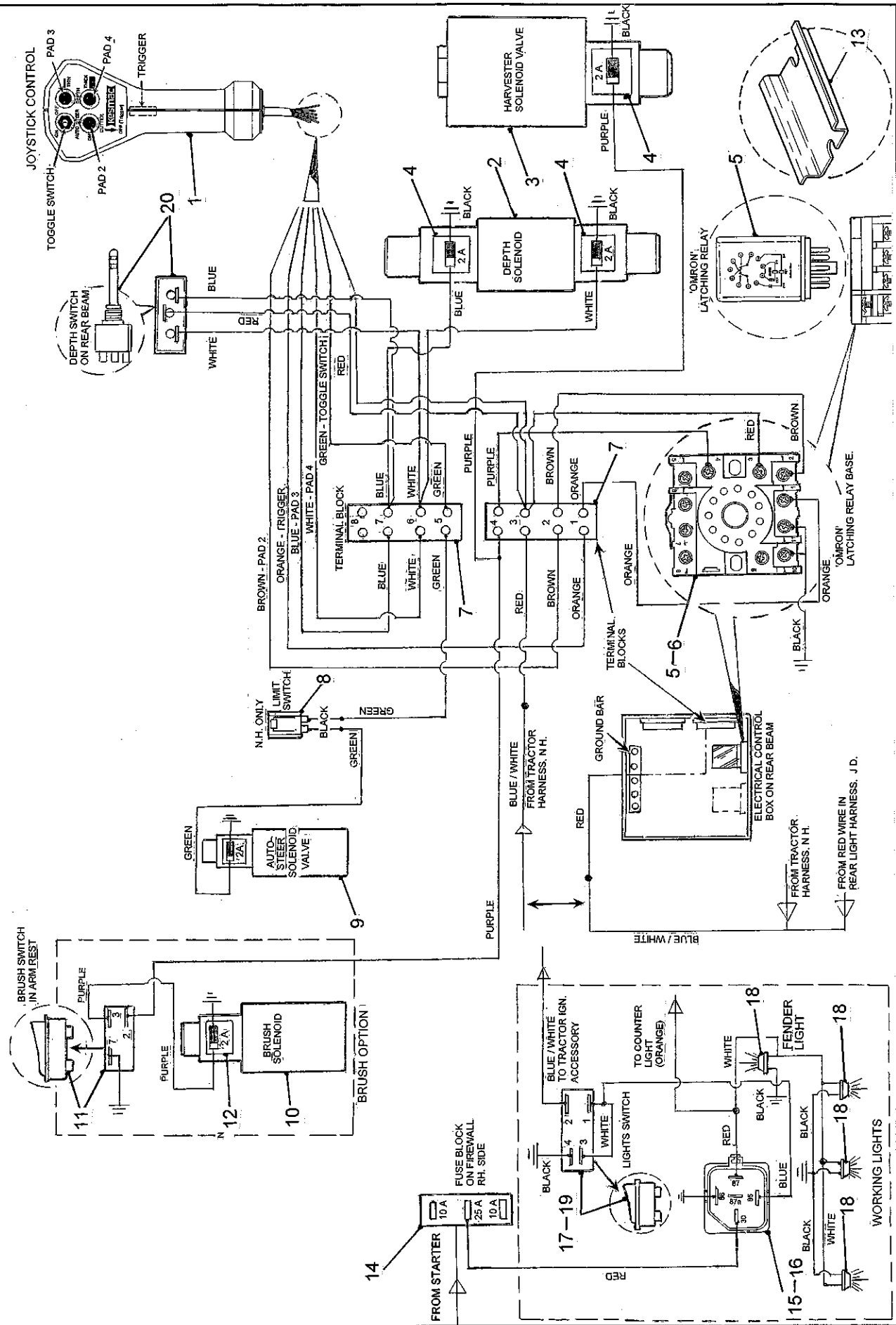
2150 & 2200 Models

Electrical System	1
Joystick Control Handle Assembly	3
Joystick Control Mount Assembly J.D. 5225 – Current from Serial No. 399	4
Joystick Control Mount Assembly J.D. 5220 – Non Current from Serial No. 293 to 398	5

NOTE

The Electrical Counter Assembly is no longer available.
See Section 6, Page 23 for the Mechanical Counter Assembly.

ELECTRICAL SYSTEM



ITEM NO.	PART NO.	DESCRIPTION	QTY
ELECTRICAL SYSTEM			
1	H510122	Joystick Control Handle (See Page 3)	1
2	KH20050	Solenoid Valve (Depth)	1
3	KH20059	Solenoid Valve (Harvester)	1
4	KE10096	DIN Connector	4
5	KE10089	Latching Relay	1
6	KE10090	Base - Latching Relay	1
7	KE10111	Terminal Block	2
8	KE80005	Limit Switch	1
9	H500013	Solenoid Valve (Auto-Steer)	1
10	KH20059	Solenoid Valve	1
11	KE80010	Rocker Switch	1
12	KE10096	DIN Connector	1
13	H111286	Base Mount. Latching Relay	1
14	KE10060	Fuse Block	1
15	KE10095	Base - Relay c/w Wires	1
16	KE10094	Relay	1
17	KE80010	Rocker Switch (J.D.)	1
18	KE90010	Lamps	4
	KE90014	Bulb. Work Light - 12V-55W	4
19	KN00010	Rocker Switch (New Holland)	1
20	KE80013	Switch - 3 Position Toggle - Depth	2

NOTE

See Section 7, Page 13, for Cab Electrical Diagram and see Section 8, Pages 11 & 13 for D.I.Y. Electrical Diagram.

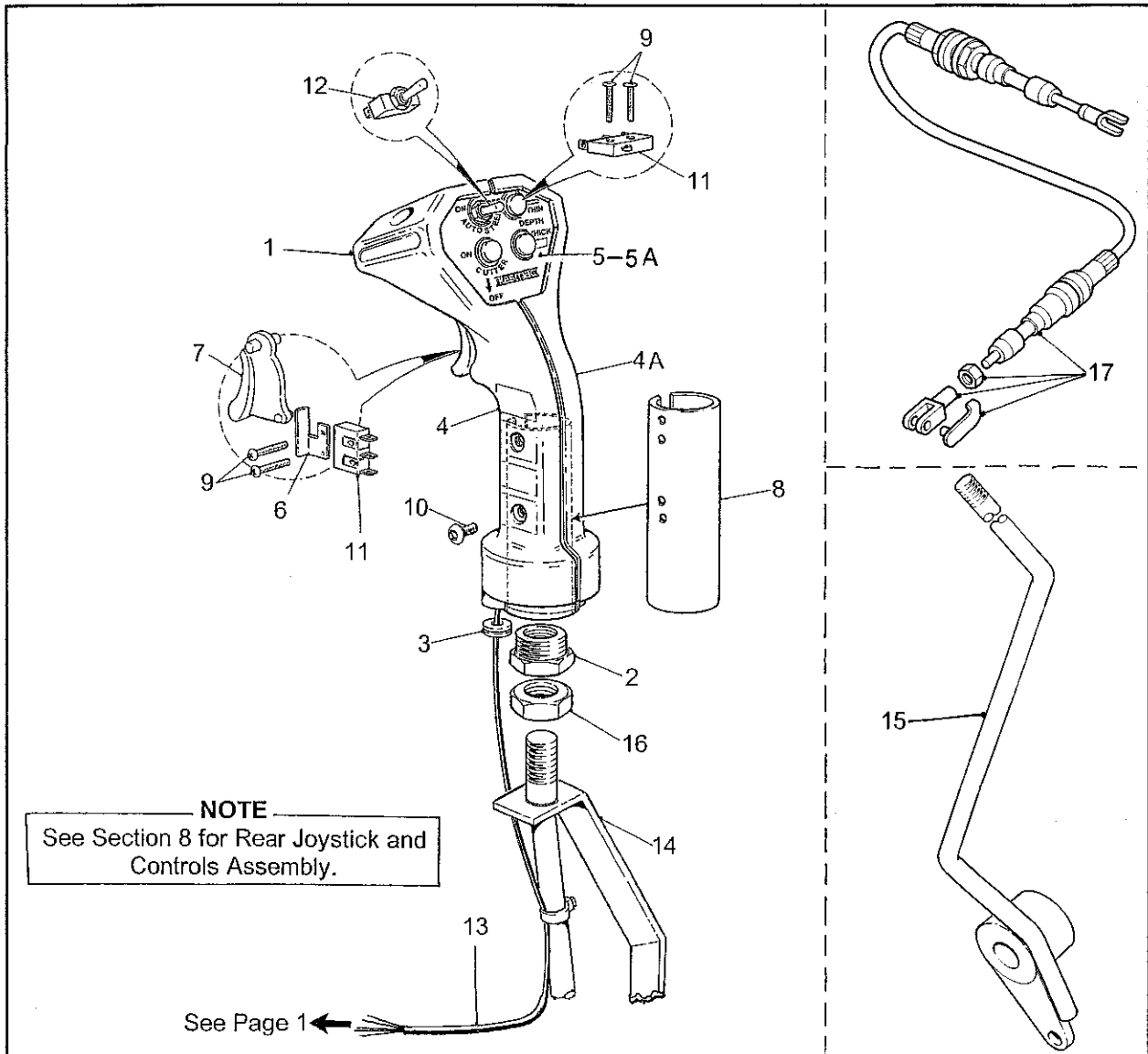
ITEM NO.	PART NO.	DESCRIPTION	QTY
JOYSTICK CONTROL HANDLE			
1	H510122	Joystick Control Handle Ass'y	1
2	KE00002	Bushing - Control Handle	1
3	KE00003	Grommet	1
4	KE00004	Handle Case - L.H.	1
4A	KE00005	Handle Case - R.H.	1
5	KE00006	Overlay - 4 Button	1
5A	KE00015	Face Plate	1
6	KE00007	Leaf Spring	1
7	KE00008	Trigger	1
8	KE00009	Pin - Mounting	1
9	KE00010	Screw - Switch Mounting	10
10	KE00011	Screw - Handle Mounting	3
11	KE00012	Switch - Momentary	4
12	KE00013	Toggle Switch	1
13	KE00014	Wiring Harness	1
14	H310127	Joystick Mount -N.H.	1
15	Ref.	Joystick Mount -J.D. Current from Serial No. 399	1
16	F221000	Nut 5/8 unc Jam	1
17	KN00006	Cable	1

NOTE

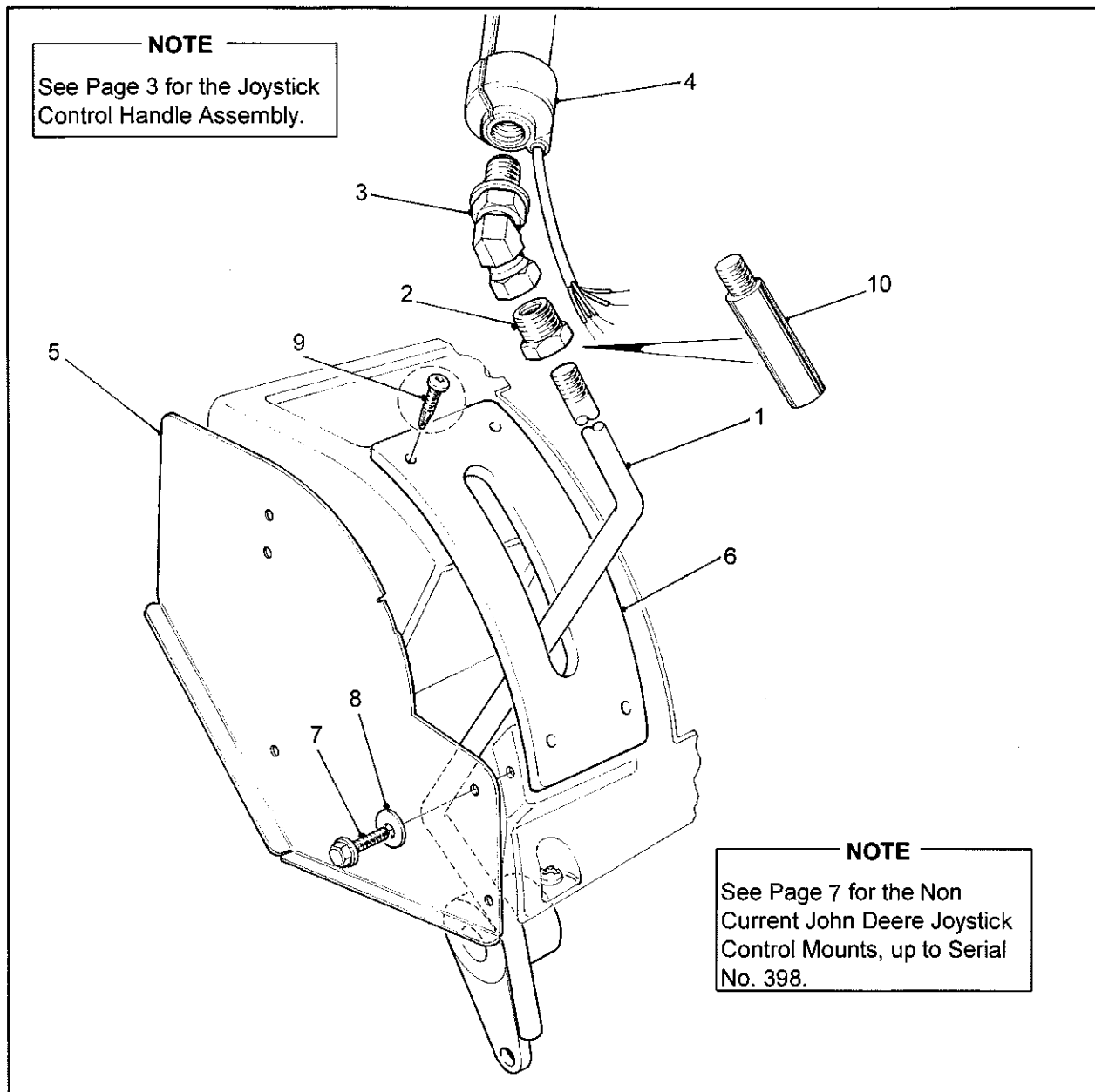
When ordering Item 1 for the D.I.Y. rear Joystick use part number H510123.

NOTE

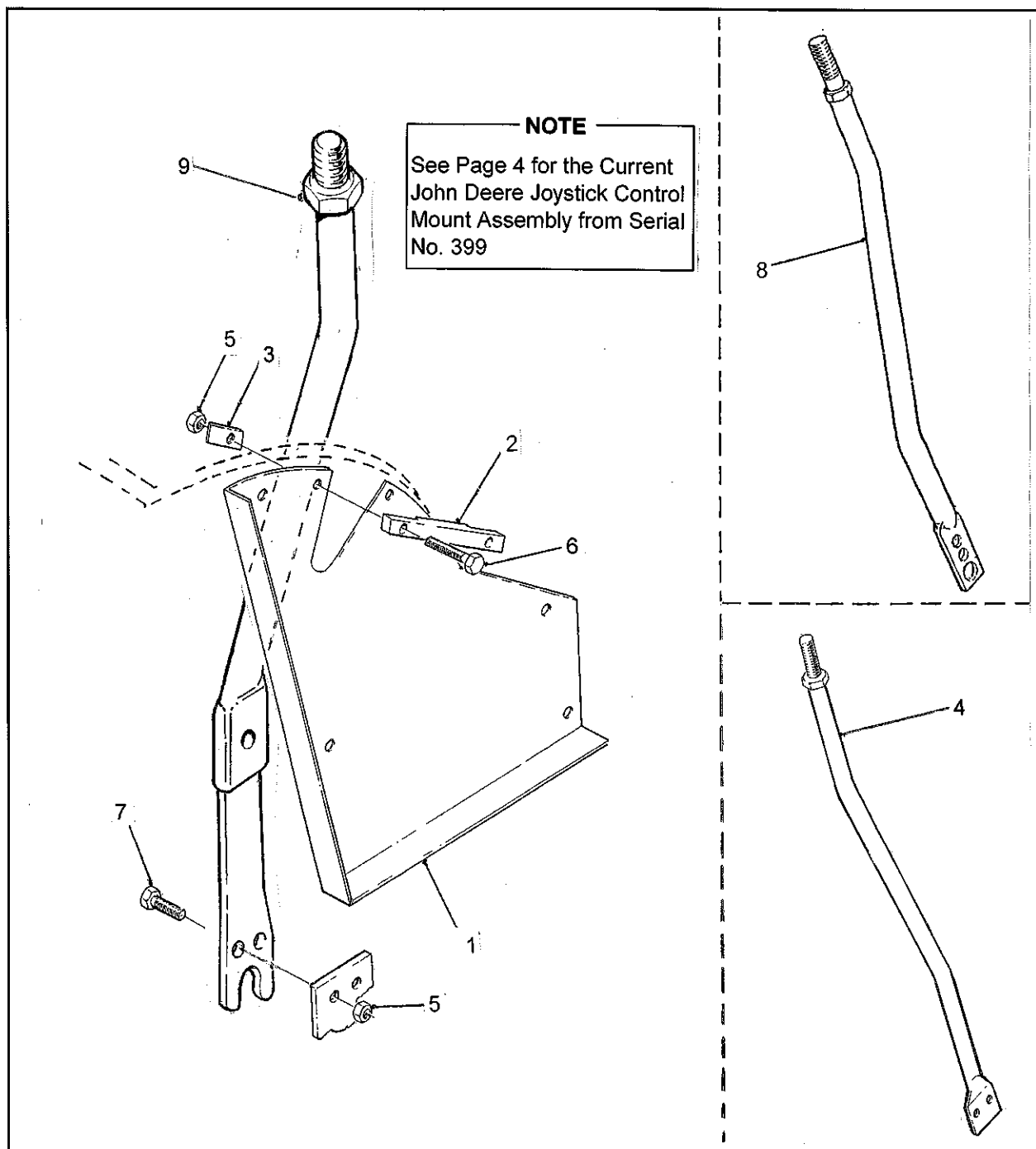
See Page 4 for John Deere Joystick Mounting Hardware



ITEM NO.	PART NO.	DESCRIPTION	QTY
		JOYSTICK CONTROL HANDLE John Deere - 5225. Current from Serial No. 399	
1	Ref.	Joystick Mount	1
2	H111188	Bushing	1
3	10-08-140357	Fitting. 45 deg. Elbow	1
4	KE00001	Joystick Control Handle Assembly	1
5	H111158	Tractor Panel. R.H.	1
6	H111178	Plate. Lever Guide	1
7	G0106020	Bolt M6 x 1.0 x 20 Lg. Hex Hd. Cap Sc.	5
8	G320600	Flatwasher M6	5
9	F700204	Screw - #10 Self Tap Pan Hd. Phil St. Stl.	4
10	H111246	Lever Extension	1



ITEM NO.	PART NO.	DESCRIPTION	QTY
JOYSTICK CONTROL HANDLE John Deere. Non Current up to Serial No. 398			
1	H110442	Tractor Panel RH	1
2	H110973	Joystick Lever Guide	1
3	H110974	Clamp Bar	2
4	H310225	Joystick Mount Non Current from Serial No. 252 to 292	1
5	F210400	Nut 1/4 unc	4
6	F040412	Bolt 1/4 unc x 1 1/4 GR8	2
7	F040406	Bolt 1/4 unc x 3/4 GR8	2
8	H310125	Joystick Mount Non Current up to Serial No. 251	1
9	H310245	Joystick Mount Non Current from Serial No. 293 to 398	1

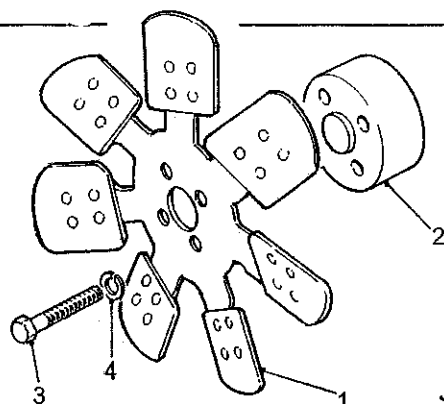


SECTION 6 MISCELLANEOUS

2150 & 2200 Models

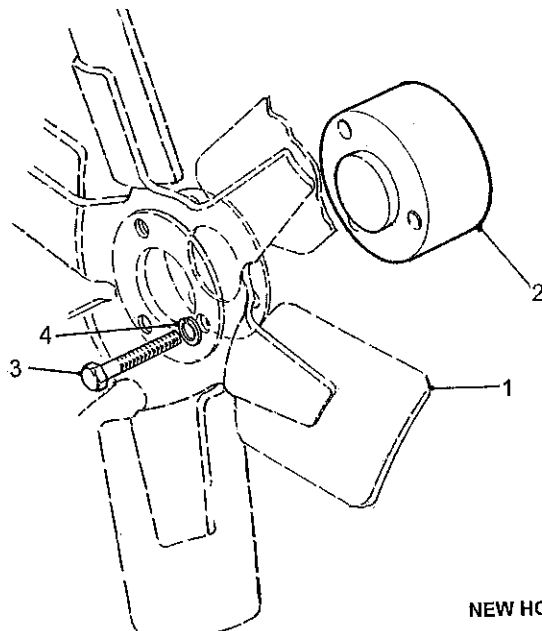
Engine Cooling Fan – Modified	1
Water Cooler – Accessory	2
Mintex 16 & 18 in. Mat – Option	3
Mintex 24 in. Mat – Option	4
Fenders – Front	7
Wheel Spacer & Wheel Rim	9
Fuel Filler Bracket	10
Exhaust Bracket & Edge Trim	11
Battery (Re-located)	12
Joystick Handle	13
2150 Safety Decals	15
2200 Safety Decals	19
Mechanical Counter - Accessory	23
Remote Greasing (John Deere)	25
Driver's Screen – Accessory	27
Flap Adjuster (Lever Operated) – Option	28
Track Clip Installer & Belt Splicer Tools – Accessories	29
Warning Bar. Operator Compartment	30
Cooler & Radiator Modifications. John Deere. 5225 – from Serial No. 399	31

ITEM NO.	PART NO.	DESCRIPTION	QTY
		TRACTOR ENGINE COOLING FAN (MODIFICATION) JOHN DEERE & NEW HOLLAND	
		JOHN DEERE	
1	H110532	Cooling Fan (Modified)	1
2	H110435	Spacer - Cooling Fan	1
3	F010524	Bolt 5/16 UNC x 2 1/2	4
4	F310500	Lockwasher 5/16	4



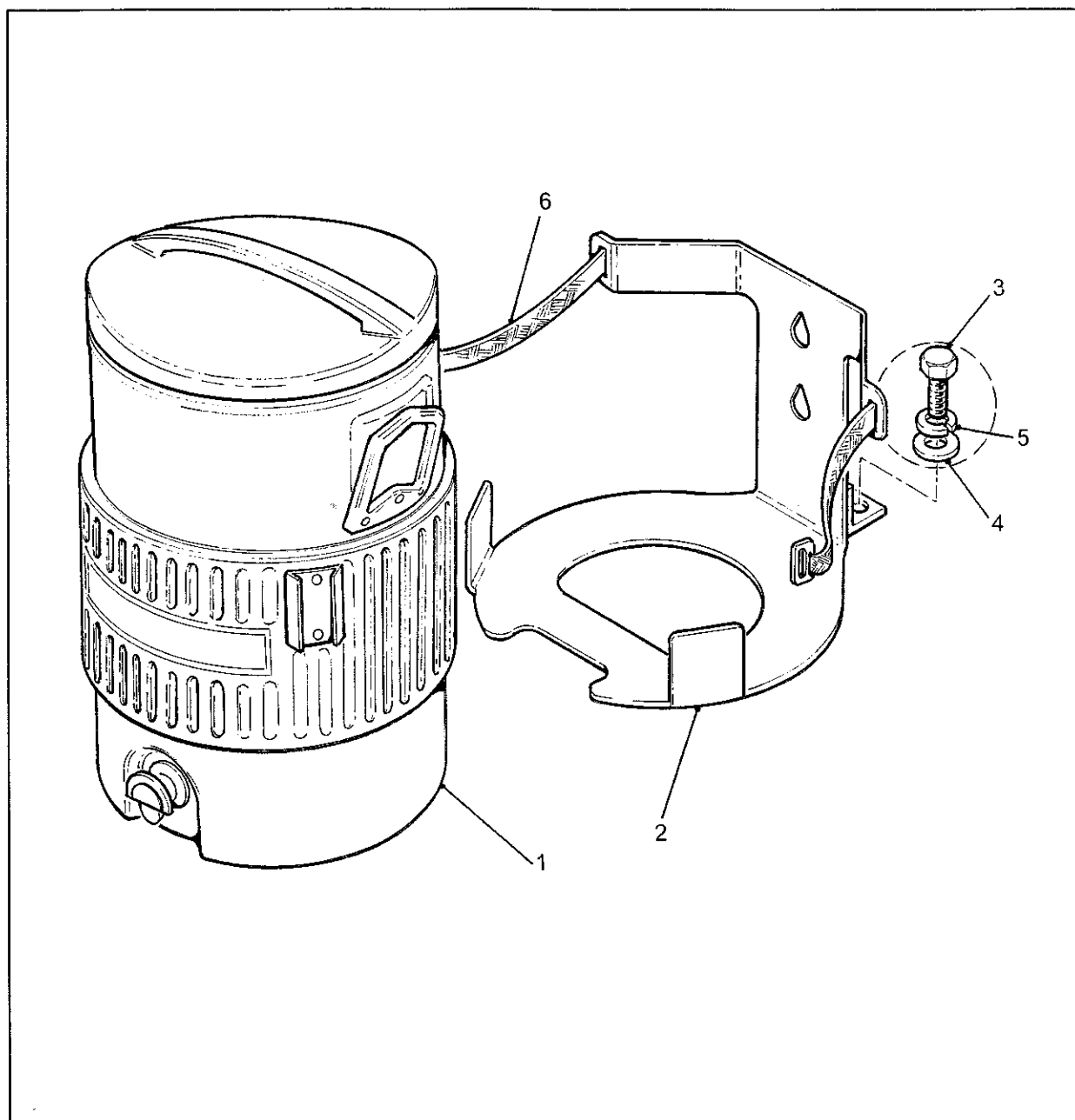
JOHN DEERE
Non Current up to Serial No. 398

		NEW HOLLAND	
1	KN00016	Cooling Fan (New Holland Part)	REF
2	H110202	Spacer - Cooling Fan	1
3	G0108075	Bolt 8 x 1.25 x 75 (Metric)	3
4	G310800	Lockwasher M8	3



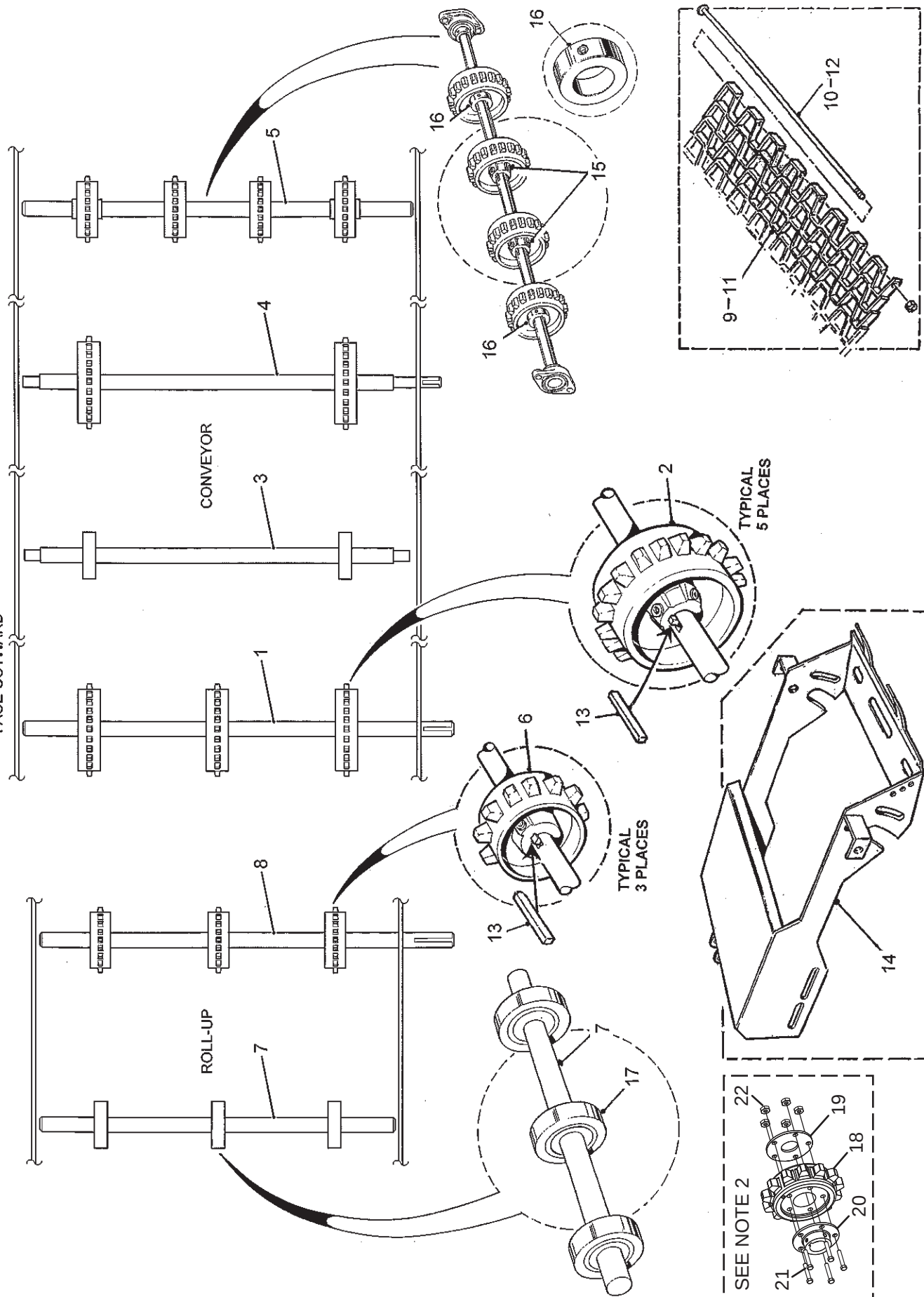
NEW HOLLAND

ITEM NO.	PART NO.	DESCRIPTION	QTY
WATER COOLER ACCESSORY			
1	H510030	Water Cooler Assembly	1
	KM00006	Water Cooler	1
2	H310209	Water Cooler Mounting Bracket	1
3	F040606	Bolt - 3/8 UNC x 3/4 GR. 8	1
4	F320600	Washer 3/8	2
5	F310600	Lockwasher	2
6	KM72048	Cinching Strap	1



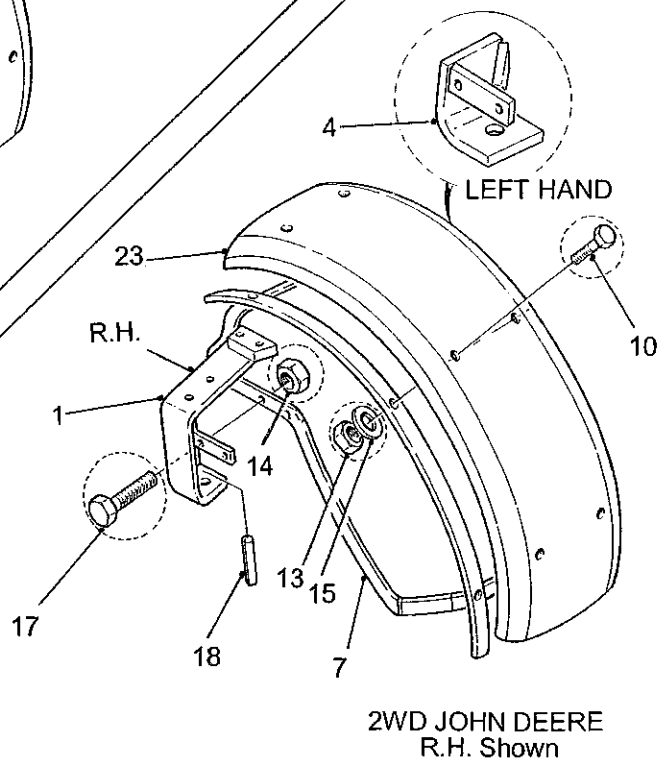
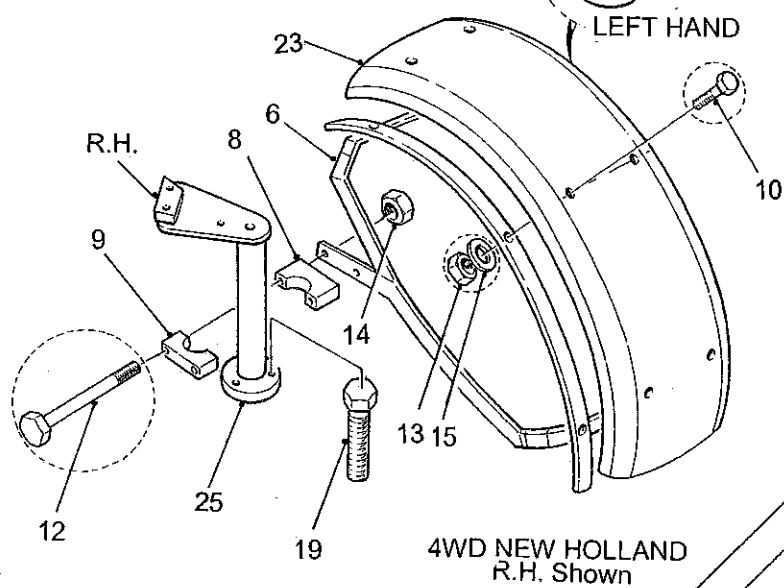
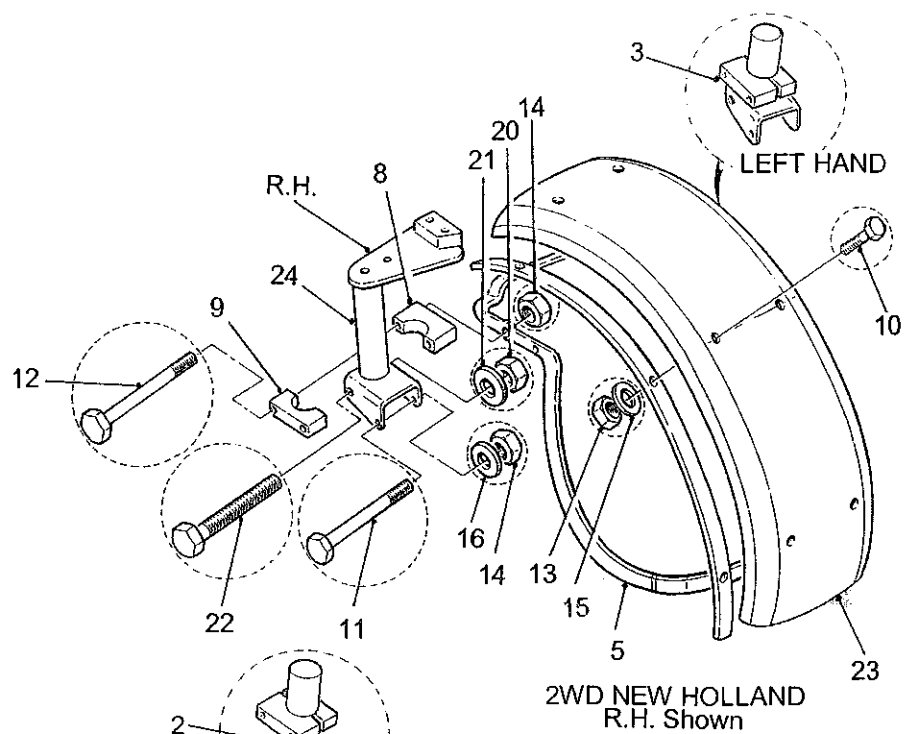
ITEM NO.	PART NO.	DESCRIPTION	QTY
MINTEX 16 IN. & 18 IN. MATS			
1	H101609	Conveyor Drive Shaft - Mintex 16 & 18 in.	1
2	KD20008	Mintex Sprocket - 6 in. 18T Cast	7
3	H301191	Tensioner Shaft - Mintex 16 & 18 in.	1
4	H101230	Feed Roller Drive Shaft - Mintex 16 & 18 in.	1
5	H101608	Front Roller Shaft - Mintex 16 & 18 in.	1
6	KD20009	Mintex Sprocket - 4 in. 13T Cast - Non Current	9
	R500068	Roll-Up Sprocket Assembly - Current	9
7	H301118	Roll-Up Idler Shaft - Mintex 16 & 18 in.	1
8	H101607	Roll-Up Drive Shaft - Mintex 16 & 18 in.	1
9	H101618	Mintex Mat - Roll-Up	1
10	KR16016	Mintex 16 in. Mat Connector	1
11	H101617	Mintex Mat. 16 in. Conveyor	1
	KR18017	Mintex Mat. 18 in. Conveyor	1
12	KR18016	Mintex 18 in. Mat Connector	1
13	F924416	Key 1/4 x 1/4 x 1 3/4	16
14	H301020	Roll-up Tray (Double Starter Gate)	1
15	KD20012	Mintex Sprocket - 4 in. 13T Cast. Narrow	4
16	MM10001	Lock Collar	4
17	H101126	Tire	3
18	R100621	Roll-Up Sprocket	1
19	R100622	Roll-Up Sprocket Plate	1
20	R100623	Roll-Up Sprocket Hub	1
21	F040416	Bolt 1/4 unc x 1 3/4 Gr.8	5
22	F210400	Nut 1/4 unc Nyloc	5
NOTE Refer to Section 1. Conveyor and Roll-Up pages for parts that are common to the Mintex Mat & the Rubber Conveyor Mat. NOTE 2 Item 6 is Non Current and is replaced by Roll-Up Sprocket Assembly R500068 which include Items 18, 19, 20, 21 & 22.			

NOTE
ALL SPROCKET BOSSES
FACE OUTWARD



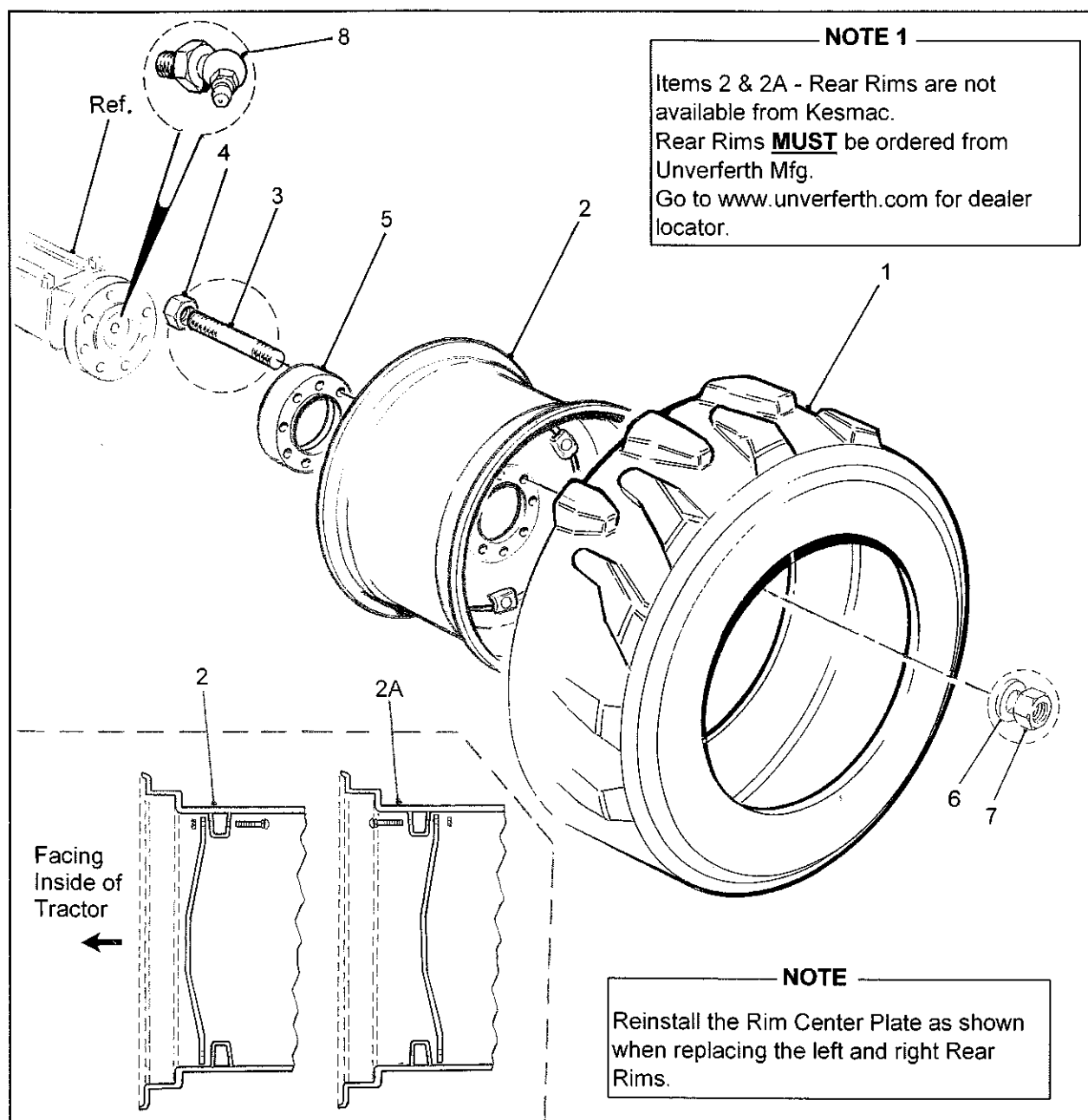
ITEM NO.	PART NO.	DESCRIPTION	QTY
MINTEX 24 IN. MATS			
1	H101228	Conveyor Drive Shaft - Mintex 24 in.	1
2	KD20008	Mintex Sprocket - 6 in. 18T Cast	7
3	H101229	Tensioner Shaft - Mintex 24 in.	1
4	H101230	Feed Roller Drive Shaft - Mintex 24 in.	1
5	H101231	Front Roller Shaft - Mintex 24 in.	1
6	KD20009	Mintex Sprocket - 4 in. 13T Cast - Non Current	9
	R500068	Roll-Up Sprocket Assembly - Current	9
7	H301119	Roll-Up Idler Shaft - Mintex 24 in.	1
8	H101233	Roll-Up Drive Shaft - Mintex 24 in.	1
9	H101296	Mintex Mat - Roll-Up	1
10	KR18016	Mintex 18 in. Mat Connector	1
11	H101295	Mintex Mat Conveyor	1
12	KR24014	Mintex 24 in. Mat Connector	1
13	F924416	Key 1/4 x 1/4 x 1 3/4	16
14	H301054	Roll-up Tray (Double Starter Gate)	1
15	KD20012	Mintex Sprocket - 4 in. 13T Cast. Narrow	4
16	MM10001	Lock Collar	4
17	H101126	Tire per shaft	3
18	R100621	Roll-Up Sprocket	1
19	R100622	Roll-Up Sprocket Plate	1
20	R100623	Roll-Up Sprocket Hub	1
21	F040416	Bolt 1/4 unc x 1 3/4 Gr.8	5
22	F210400	Nut 1/4 unc Nyloc	5
NOTE Refer to Section 1. Conveyor and Roll-Up pages for parts that are common to the Mintex Mat & the Rubber Conveyor Mat. NOTE 2 Item 6 is Non Current and is replaced by Roll-Up Sprocket Assembly R500068 which include Items 18, 19, 20, 21 & 22.			

9-Jan-12

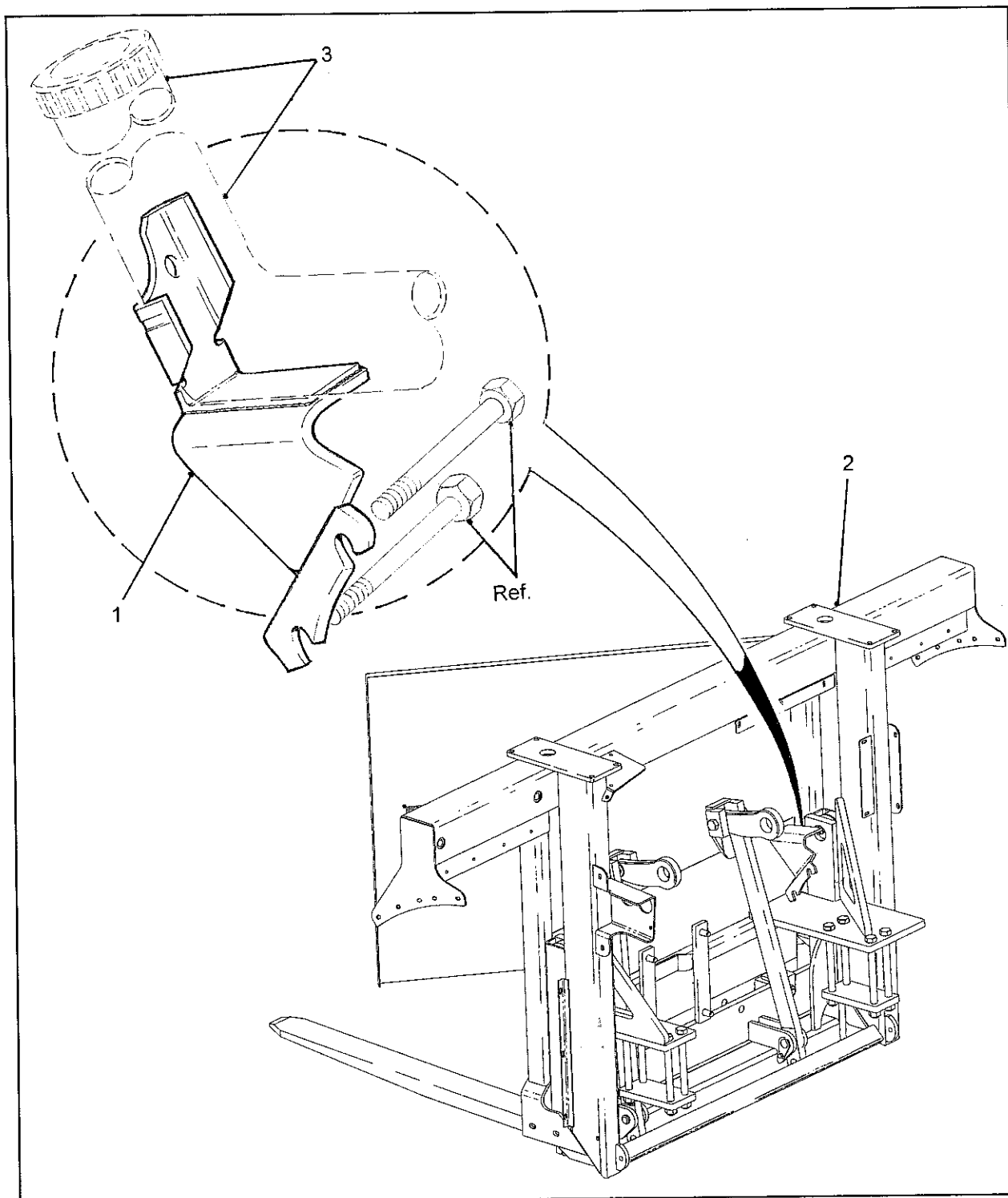


ITEM NO.	PART NO.	DESCRIPTION	QTY
		FENDER ASSEMBLY	
1	H310081	Auto Steer Sensor Valve Mount R.H.-2WD J.D.	1
2	H310170	Fender Mounting Bar -4WD N.H.	1
3	H310171	Fender Mounting Bar -2WD N.H.	1
4	H310172	Fender Mounting Bar -2WD J.D.	1
5	H310193	Fender Mount -R.H. 2WD N.H.	1
	H310194	Fender Mount -L.H. 2WD N.H.	1
6	H310195	Fender Mount -R.H. 4WD N.H.	1
	H310196	Fender Mount -L.H. 4WD N.H.	1
7	H310197	Fender Mount -R.H. 2WD J.D.	1
	H310198	Fender Mount -L.H. 2WD J.D.	1
8	H110810	Fender Mount Bracket	1
9	H110811	Fender Mount Bracket	1
10	F040412	Bolt 1/4 unc x 1 1/4 GR. 8	6
11	F040640	Bolt 3/8 unc x 4 GR. 8	1
12	F040644	Bolt 3/8 unc x 4 1/2 GR. 8	2
13	F210400	Locknut 1/4	6
14	F210600	Locknut 3/8	2
15	F320500	Washer 1/4	6
16	F320601	Washer 3/8	2
17	F040612	Bolt 3/8 unc x 1 1/4 GR. 8	2
18	F940304	Spring Pin 3/16 x 1/2	1
19	G0710050	Bolt M10 1.25 x 50 (4WD N.H. only)	3
20	G2114	Locknut M14	1
21	G3214100	Washer M14	1
22	G041400	Bolt M14 2 x 100 (2WD N.H. only)	1
23	KN00026	Fender	1
24	H310015	Auto Steer Sensor Valve Mount R.H.-2WD N.H.	1
25	H310075	Auto Steer Sensor Valve Mount R.H.-4WD N.H.	1

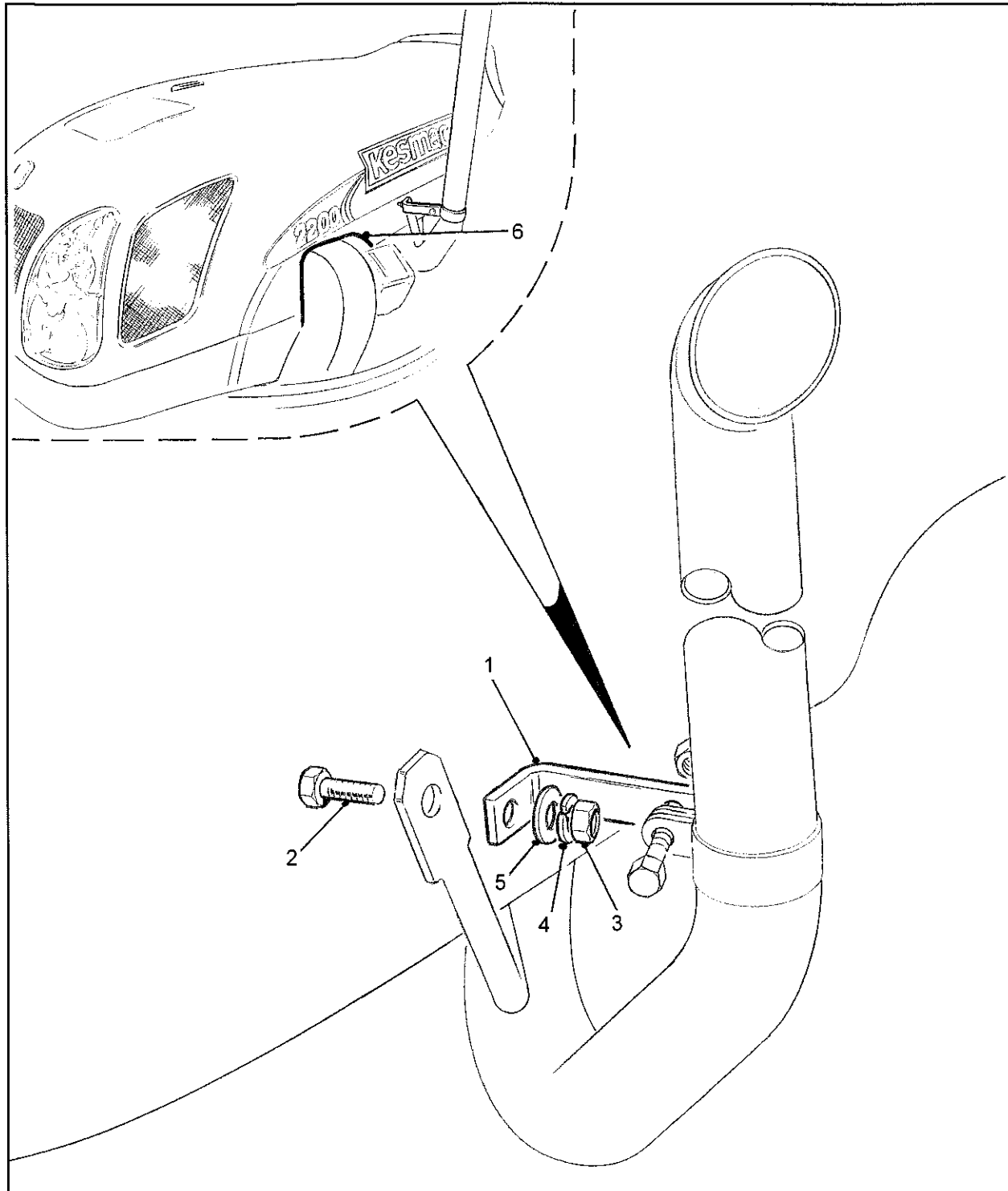
ITEM NO.	PART NO.	DESCRIPTION	QTY
WHEEL SPACER & WHEEL RIMS NEW HOLLAND			
1	KW52011	Rear Tire	1
2	15774-W	Rear Rim. LH. - See Note 1	1
2A	15774-W	Rear Rim. RH. - See Note 1	1
3	H110009	Wheel Stud (Left side only)	8
4	G231808	Nut - M18 x 1 1/2 Gr.8 Metric (Left side only)	8
5	H110008	Spacer (Left side only)	1
6	Ref	Washer	8
7	Ref	Lug Nut	8
8	KM11493	Grease Fitting. M10. 45 deg. (Left side only)	1



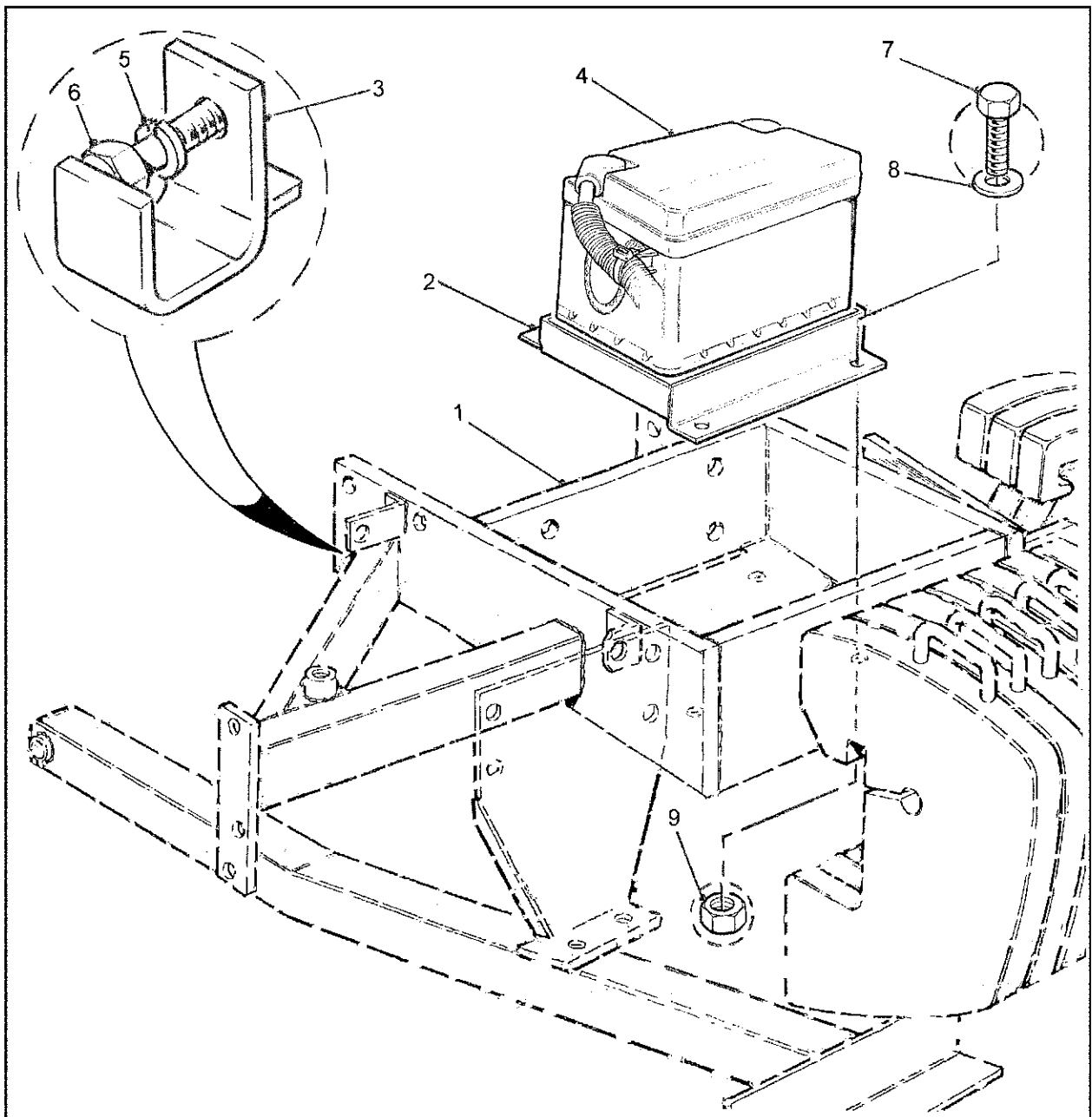
ITEM NO.	PART NO.	DESCRIPTION	QTY
		FUEL FILLER BRACKET NEW HOLLAND	
1	H110306	Fuel Filler Guide Bracket.	1
2	H310009	Rear Frame - Tractor Mount	1
3	Ref.	Fuel Filler	1



ITEM NO.	PART NO.	DESCRIPTION	QTY
EXHAUST BRACKET & EDGE TRIM NEW HOLLAND MODEL TN70A ONLY			
1	H111070	Exhaust Pipe Bracket	1
2	F040500	Bolt 5/16 unc x 1 Gr.8	1
3	F230500	Nut 5/16 unc	1
4	F310500	Lockwasher 5/16	1
5	F320500	Flatwasher 5/16	1
6	Q8358	Edge Trim. 15 in. Lg.	1



ITEM NO.	PART NO.	DESCRIPTION	QTY
		BATTERY (RE-LOCATED) NEW HOLLAND MODEL TH70A POWER SHUTTLE & JOHN DEERE 5065E POWR REVERSER	
1	H310141	Weight Bracket - New Holland	1
2	H310248	Battery Tray	1
3	H310249	Hose Saddle	1
4	KM00007	Battery Box	1
5	G312000	Lockwasher - M20 (Metric)	1
6	G0120040	Bolt - M20 x 2.5 x 40 (Metric)	1
7	F040510	Bolt 5/16 unc x 1 Gr.8	4
8	F320500	Flatwasher 5/16	4
9	F210500	Locknut 5/16 unc	4



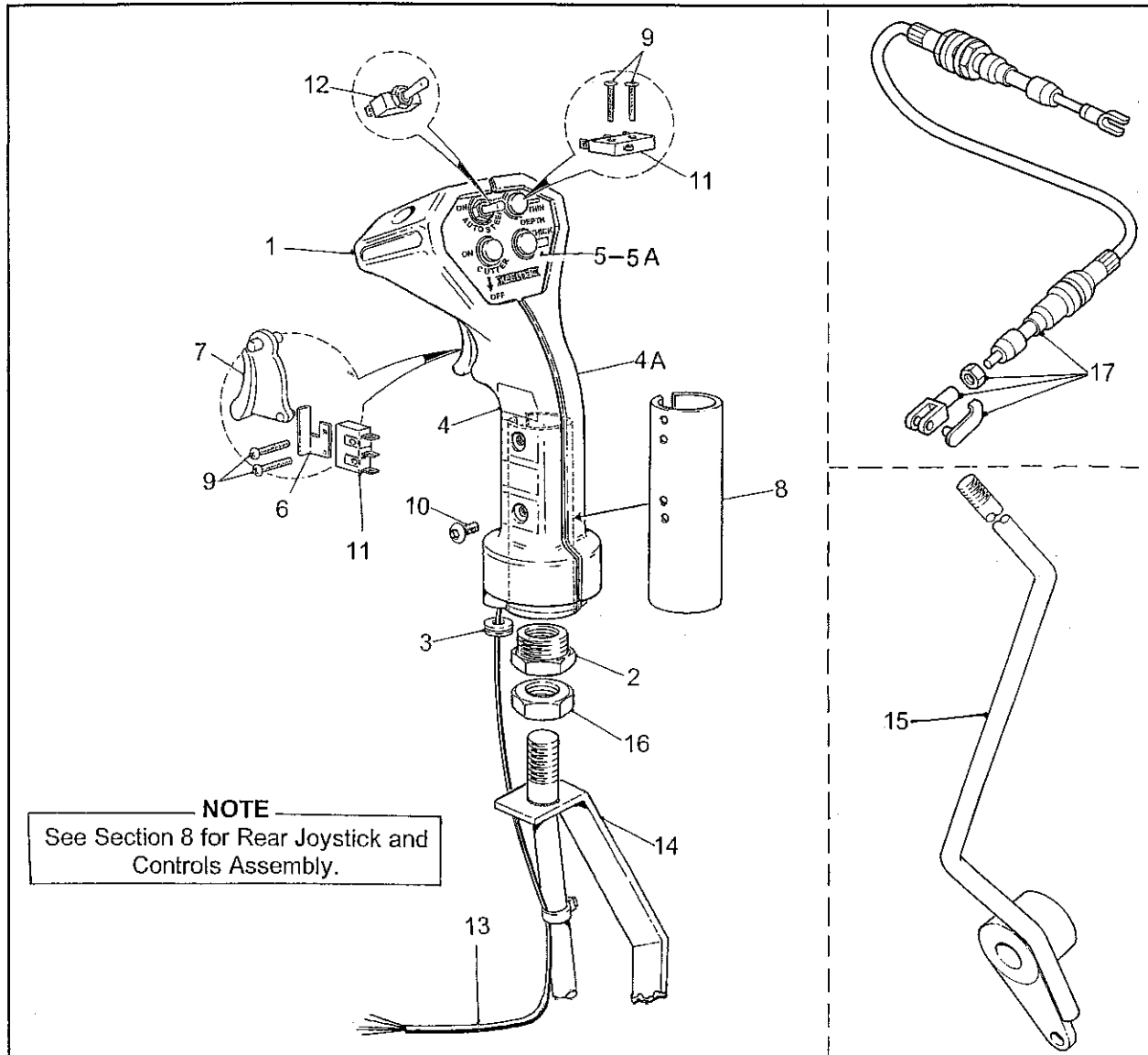
ITEM NO.	PART NO.	DESCRIPTION	QTY
JOYSTICK CONTROL HANDLE			
1	H510122	Joystick Control Handle Ass'y	1
2	KE00002	Bushing - Control Handle	1
3	KE00003	Grommet	1
4	KE00004	Handle Case - L.H.	1
4A	KE00005	Handle Case - R.H.	1
5	KE00006	Overlay - 4 Button	1
5A	KE00015	Face Plate	1
6	KE00007	Leaf Spring	1
7	KE00008	Trigger	1
8	KE00009	Pin - Mounting	1
9	KE00010	Screw - Switch Mounting	10
10	KE00011	Screw - Handle Mounting	3
11	KE00012	Switch - Momentary	4
12	KE00013	Toggle Switch	1
13	KE00014	Wiring Harness	1
14	H310127	Joystick Mount -N.H.	1
15	Ref.	Joystick Mount -J.D. Current from Serial No. 399	1
16	F221000	Nut 5/8 unc Jam	1
17	KN00006	Cable	1

NOTE

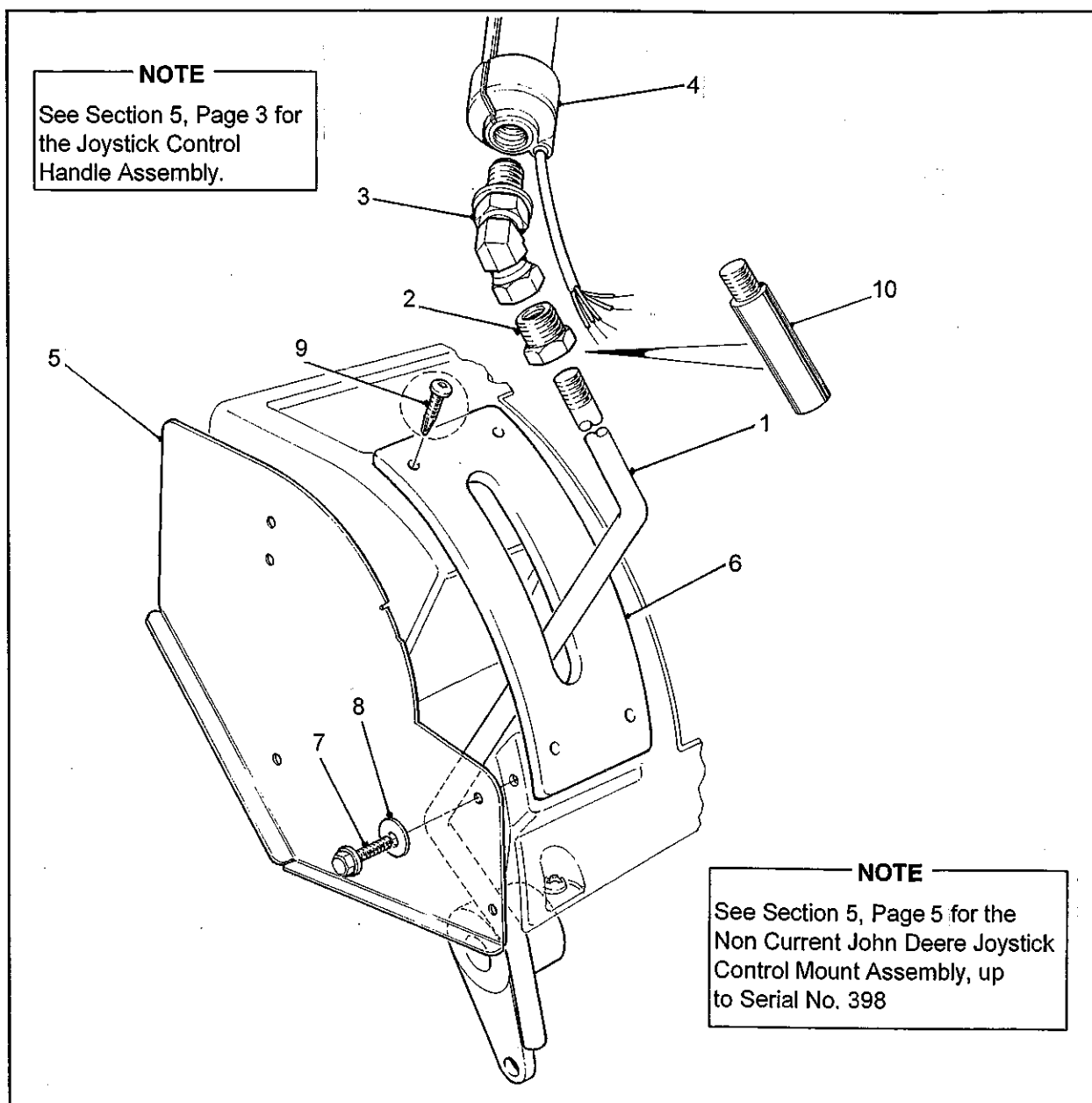
When ordering Item 1 for the D.I.Y. rear Joystick use part number H510123.

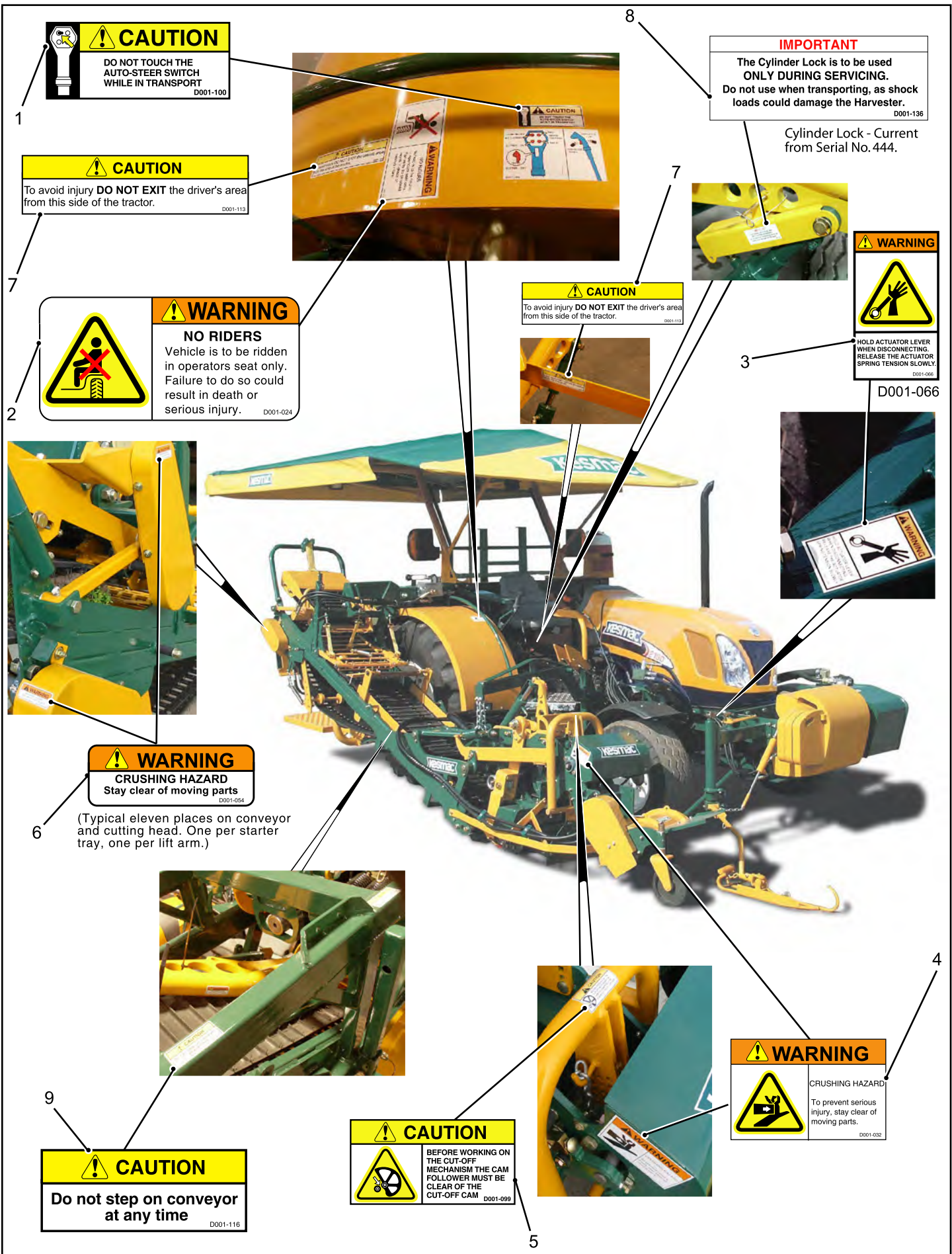
NOTE

See Page 14 for John Deere Joystick Mounting Hardware



ITEM NO.	PART NO.	DESCRIPTION	QTY
JOYSTICK CONTROL HANDLE John Deere - 5225. Current from Serial No. 399			
1	Ref.	Joystick Mount	1
2	H111188	Bushing	1
3	10-08-140357	Fitting. 45 deg. Elbow	1
4	KE00001	Joystick Control Handle Assembly	1
5	H111158	Tractor Panel. R.H.	1
6	H111178	Plate. Lever Guide	1
7	G0106020	Bolt M6 x 1.0 x 20 Lg. Hex Hd. Cap Sc.	5
8	G320600	Flatwasher M6	5
9	F700204	Screw - #10 Self Tap Pan Hd. Phil St. Stl.	4
10	H111246	Lever Extension	1





ITEM NO.	PART NO.	DESCRIPTION	QTY
		2150 SAFETY DECALS	
1	D001-024	Decal - "Warning: Do Not Permit Riders..."	1
2	D001-100	Decal - "Caution: Do Not Touch..."	1
3	D001-066	Decal - "Caution: Lever Under..."	1
4	D001-032	Decal - "Warning: Crushing Hazard To Prevent..."	1
5	D001-099	Decal - "Caution: Before Working On..."	1
6	D001-054	Decal - "Warning: Crushing Hazard..."	12
7	D001-113	Decal - "Caution: To avoid injury DO NOT EXIT..."	2
8	D001-136	Decal - "Important The Cylinder Lock..."	1
9	D001-116	Decal - "Caution: Do not step on conveyor..."	2
NOTE Item 8 is Current from Serial No. 431.			

! WARNING

BEFORE DISMOUNTING MACHINE

1. Lower all attachments to ground.
2. Place all controls in neutral position.
3. Engage parking brake.
4. Shut off engine.

D001-028

! WARNING



Fasten your seat belt

D001-018

! WARNING



HIGH PRESSURE FLUID HAZARD

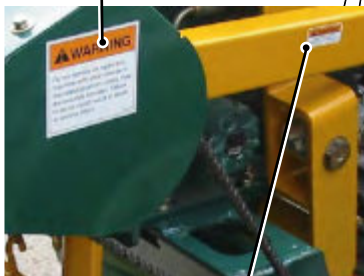
To prevent serious injury or death from escaping hydraulic fluid:
Visually check all hydraulic lines and hoses BEFORE applying pressure.
Relieve pressure on system before repairing, adjusting or disconnecting.
Use of paper or cardboard, NOT BODY PARTS, to check for suspected leaks.

D001-412

! WARNING

Do not service or repair this machine with attachments in the raised position unless they are securely blocked. Failure to do so could result in death or serious injury.

D001-029



! WARNING

CRUSHING HAZARD
Stay clear of moving parts

D001-054

(Typical eleven places on conveyor and cutting head. One per starter tray, one per lift arm.)

! WARNING



HIGH PRESSURE FLUID HAZARD

To prevent serious injury or death from escaping hydraulic fluid:
Visually check all hydraulic lines and hoses BEFORE applying pressure.
Relieve pressure on system before repairing, adjusting or disconnecting.
Use of paper or cardboard, NOT BODY PARTS, to check for suspected leaks.

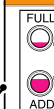
D001-412

! CAUTION

HOT EXHAUST
To avoid injury keep clear of exhaust pipes and muffler.

D001-053

! WARNING



The forks must be 'DOWN' and engine 'OFF' before checking transmission oil level.

D001-153

D001-053
(John Deere only.
Current from Serial No.540)

! WARNING

To Prevent Serious Injury
Switch tractor engine 'OFF' before opening the Rear Door.
Do not operate harvester with the Rear Door open or removed.

D001-185



! WARNING

To Prevent Serious Injury or Death
• Avoid unsafe operation or maintenance
• Do not operate or work on this machine without reading and understanding the operator's manual.
• If manual is lost, contact your nearest dealer for a new manual.

D001-033

DANGER



Si vous ne lisez pas l'anglais, demandez à quelqu'un qui lit l'anglais de traduire pour vous toutes les consignes de sécurité.

D001-F17

! PELIGRO



Si No Lee Ingles, pida Ayuda a Alguien Que Si Lo Lea Para Que le Traduzca las Medidas de Seguridad.

D001-515



! WARNING

NO RIDERS
Vehicle is to be ridden in operators seat only. Failure to do so could result in death or serious injury.

D001-024



ITEM NO.	PART NO.	DESCRIPTION	QTY
		2150 SAFETY DECALS	
1	D001-028	Decal - "Warning: Before Dismounting..."	1
2	D001-019	Decal - "Warning: Fasten Your Seat Belt"	1
3	D001-012	Decal - "Warning: High Pressure..."	2
4	D001-029	Decal - "Warning: Do Not Service Or Repair..."	1
5	D001-033	Decal - "Warning: To Prevent Serious Injury..."	1
6	D001-F17	Decal - "Danger: Si Vous Ne Lisez..."	1
7	D001-S15	Decal - "Peligro: Si No Lee Ingles..."	1
8	D001-024	Decal - "Caution: Do Not Permit Riders..."	1
9	D001-053	Decal - "Caution: Hot Exhaust To Avoid Injury..."	1
10	D001-054	Decal - "Warning: Crushing Hazard..."	11
11	D001-153	Decal - "Warning: The forks must be 'DOWN'..." (J.D. only)	1
12	D001-185	Decal - "Warning: Do not open Rear Door..."	1

ITEM NO.	PART NO.	DESCRIPTION	QTY
2200 SAFETY DECALS			
1	D001-100	Decal - "Caution: Do Not Touch..."	1
2	D001-024	Decal - "Warning: Do Not Permit Riders..."	1
3	D001-066	Decal - "Caution: Lever Under..."	1
4	D001-054	Decal - "Warning: Crushing Hazard..."	12
5	D001-029	Decal - "Warning: Do Not Repair..."	1
6	D001-032	Decal - "Warning: Crushing Hazard To Prevent..."	1
7	D001-099	Decal - "Caution: Before Working On..."	1
8	D001-113	Decal - "Caution: To avoid injury DO NOT EXIT..."	2
9	D001-116	Decal - "Caution: Do not step on conveyor..."	2
10	D001-117	Decal - "Caution: The Service Stand..."	1
11	D001-136	Decal - "Important: The Cylinder Lock..."	1
NOTE Item 10 is Non Current from Serial No. 419 to 443. NOTE Item 11 is Current from Serial No. 444.			

! WARNING

BEFORE DISMOUNTING MACHINE

1. Lower all attachments to ground.
2. Place all controls in neutral position.
3. Engage parking brake.
4. Shut off engine.

D001-028

! WARNING

Fasten your seat belt

D001-019

! WARNING

HIGH PRESSURE FLUID HAZARD

To prevent serious injury or death from escaping hydraulic fluid.

Visually check all hydraulic lines and hoses **BEFORE** applying pressure.

Relieve pressure on system before repairing, adjusting or disconnecting.

Use of paper or cardboard, **NOT BODY PARTS**, to check for suspected leaks.

D001-012



! WARNING

To Prevent Serious Injury or Death

- Avoid unsafe operation or maintenance
- Do not operate or work on this machine without reading and understanding the operator's manual.
- If manual is lost, contact your nearest dealer for a new manual.

D001-033

! DANGER

Si vous ne lisez pas l'anglais, demandez à quelqu'un qui lit l'anglais de traduire pour vous toutes les consignes de sécurité.

D001-017

! PELIGRO

Si No Lee Ingles, pida Ayuda a Alguien Que Si Lo Lea Para Que le Traduzca las Medidas de Seguridad.

D001-018

! WARNING

NO RIDERS

Vehicle is to be ridden in operators seat only. Failure to do so could result in death or serious injury.

D001-024



! WARNING

CRUSHING HAZARD

Stay clear of moving parts

D001-054

(Typical eleven places on conveyor and cutting head. One per starter tray, one per lift arm.)



! WARNING

The forks must be 'DOWN' and engine 'OFF' before checking transmission oil level.

D001-153

D001-053
(John Deere only.
Current from Serial No.540)

! WARNING

HIGH PRESSURE FLUID HAZARD

To prevent serious injury or death from escaping hydraulic fluid.

Visually check all hydraulic lines and hoses **BEFORE** applying pressure.

Relieve pressure on system before repairing, adjusting or disconnecting.

Use of paper or cardboard, **NOT BODY PARTS**, to check for suspected leaks.

D001-012

! CAUTION

HOT EXHAUST

To avoid injury keep clear of exhaust pipes and muffler.

D001-053

! WARNING

To Prevent Serious Injury

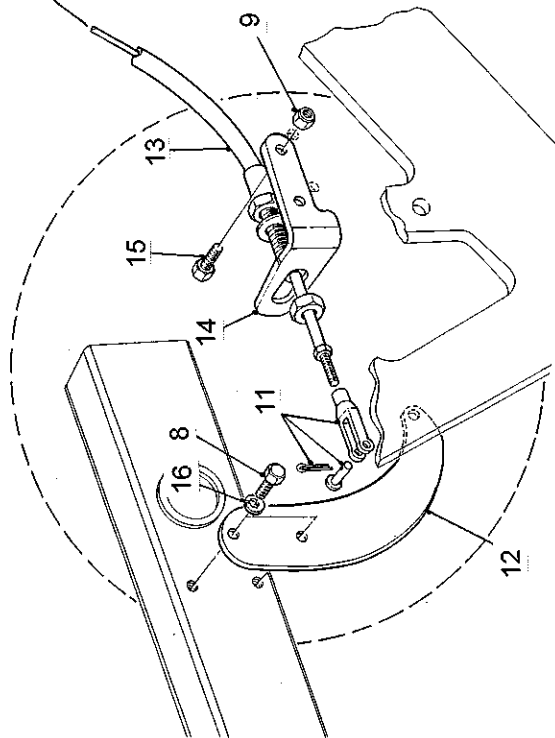
Switch tractor engine 'OFF' before opening the Rear Door.

Do not operate harvester with the Rear Door open or removed.

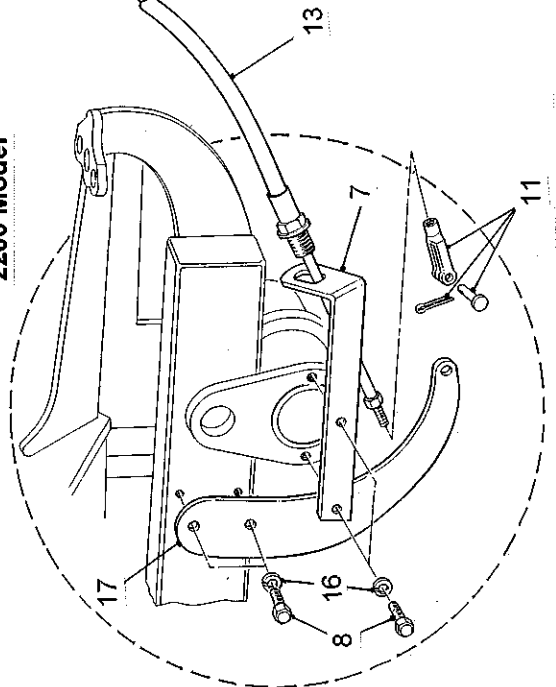
D001-185

ITEM NO.	PART NO.	DESCRIPTION	QTY
2200 SAFETY DECALS			
1	D001-028	Decal - "Warning: Before Dismounting..."	1
2	D001-019	Decal - "Warning: Fasten Your Seat Belt"	1
3	D001-012	Decal - "Warning: High Pressure..."	2
4	D001-054	Decal - "Warning: Crushing Hazard..."	11
5	D001-033	Decal - "Warning: To Prevent Serious Injury..."	1
6	D001-F17	Decal - "Danger: Si Vous Ne Lisez..."	1
7	D001-S15	Decal - "Peligro: Si No Lee Ingles..."	1
8	D001-024	Decal - "Warning: Do Not Permit Riders..."	1
9	D001-053	Decal - "Caution: Hot Exhaust To Avoid Injury..."	1
10	D001-153	Decal - "Warning: The forks must be 'DOWN'..." (J.D. only)	1
11	D001-185	Decal - "Warning: Do not open Rear Door..."	1

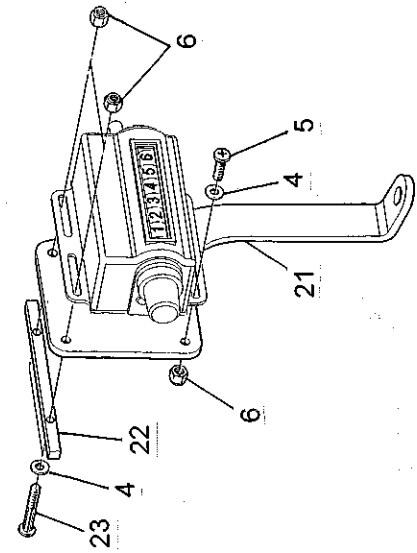
2150 Model



2200 Model



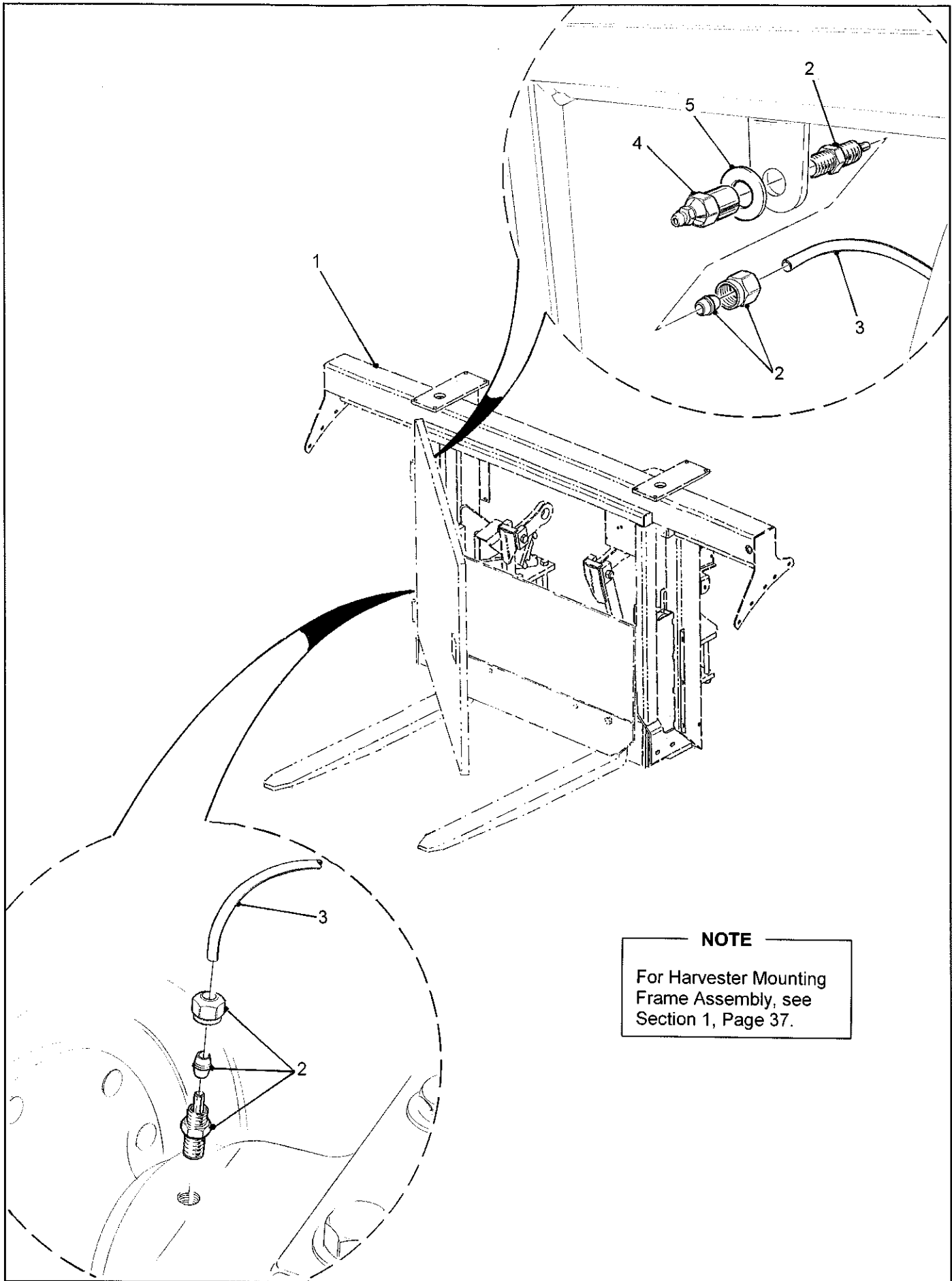
New Holland Cab Unit



ITEM NO.	PART NO.	DESCRIPTION	QTY
MECHANICAL COUNTER (ACCESSORY)			
1	H310215	Mount. Counter	1
	H111296	Mount. Counter (Cab only)	1
2	H111077	Mounting Bracket. Counter - Non Current up to Serial No. 659	1
3	KE10141	Mechanical Counter	1
4	F350200	Flatwasher # 10 S.A.E.	4
5	F580206	Bolt - #10-24 unc x 3/4 Phillips S.S.	4
6	F280200	Locknut #10-24 unc	4
7	H101706	2200 Cable Anchor	1
8	F040406	Bolt 1/4-20 x 3/4 unc Lg. Hex. Hd.	8
9	F210400	Locknut 1/4-20 unc	4
10	H111079	Cable Anchor - Non Current up to Serial No. 659	1
11	KM99002	Clevis Yoke 3/16	2
12	H111075	Lever Arm. Cut-Off. (2150 Model)	1
13	KD10045	Cable. Push-Pull	1
14	H101707	2150 Cable Anchor	1
15	F040410	Bolt 1/4-20 x 1 unc Lg. Hex. Hd. (2150 Model only)	2
16	F310400	Lockwasher 1/4	8
17	H111202	Lever Arm. Cut-Off. (2200 Model) - Current from Serial No. 427	1
	H111075	Lever Arm. Cut-Off. (2200 Model) - Non Current up to Serial No. 426	1
18	H111295	Counter Lever Arm	1
19	F040410	Bolt 1/4 unc x 1 Gr.8	1
20	F210400	Locknut 1/4 unc	1
21	H111296	Counter Bracket. (N.H. Cab only)	1
22	H111300	Clamp Bar. Counter Bracket. (N.H. Cab only)	1
23	F580215	Bolt - #10-24 unc x 1 1/2 Phillips S.S. (N.H. Cab only)	2
24	F320400	Flatwasher 1/4	4
NOTE Mechanical Counter Kits: H500197 - 2150 Mechanical Counter Kit H500198 - 2200 Mechanical Counter Kit H500314 - 2200 Cab Mechanical Counter Kit H500315 - 2150 Cab Mechanical Counter Kit			

NOTE

Items 8, 9 & 16 have a quantity of 6 on the 2150 Model.

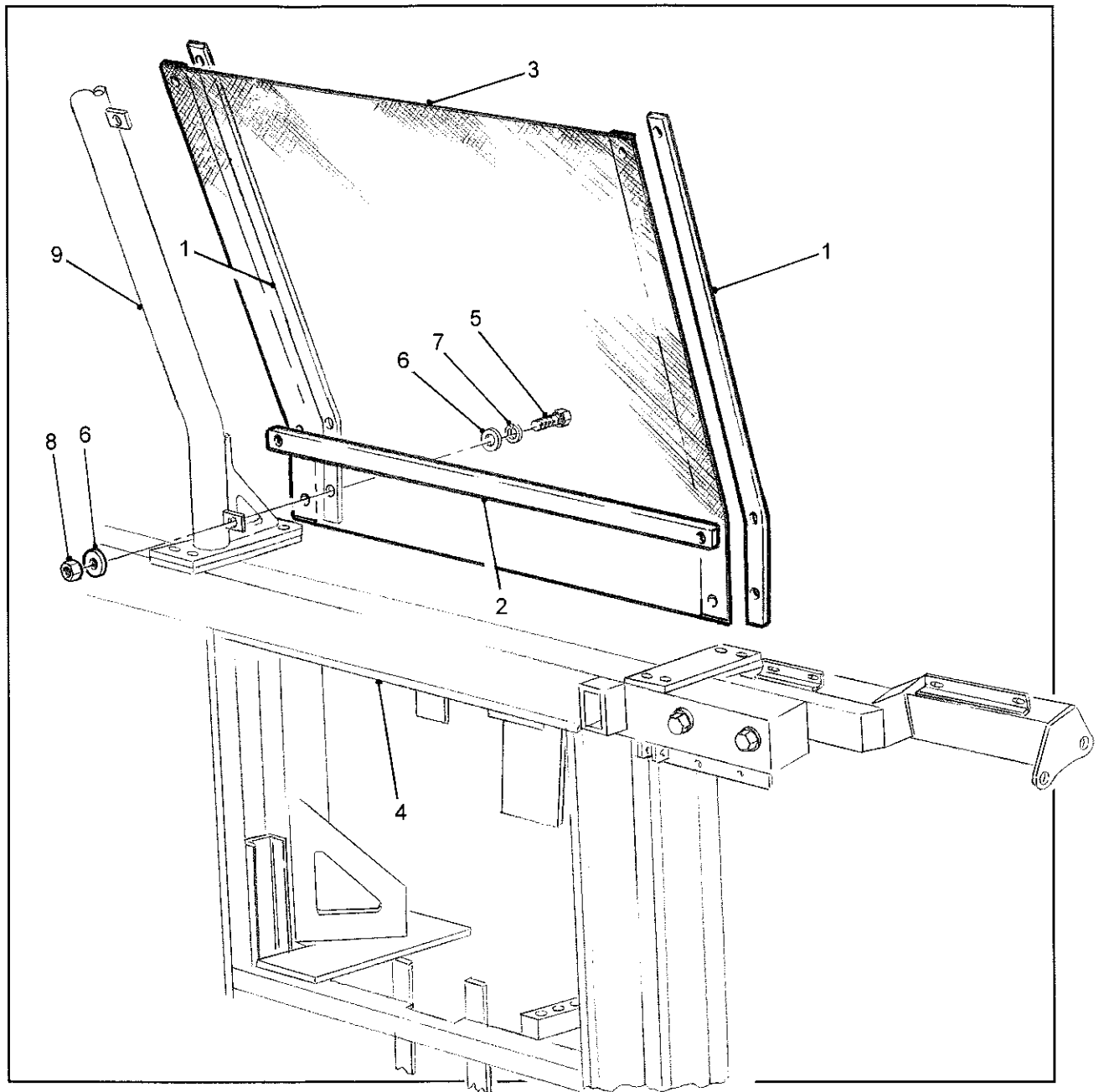


NOTE

For Harvester Mounting
Frame Assembly, see
Section 1, Page 37.

ITEM NO.	PART NO.	DESCRIPTION	QTY
		REMOTE GREASING (JOHN DEERE)	
1	H310117	Rear Frame Mount. John Deere	Ref.
2	KH01128	Fitting. 1/8 NPT x 1/4	4
3	Q8564	Hose. 1/4 O.D. (34 in. Lg.)	A/R
4	KM11492	Grease Fitting. Female 1/8 NPT	2
5	F330600	Flatwasher 3/8 SAE	2

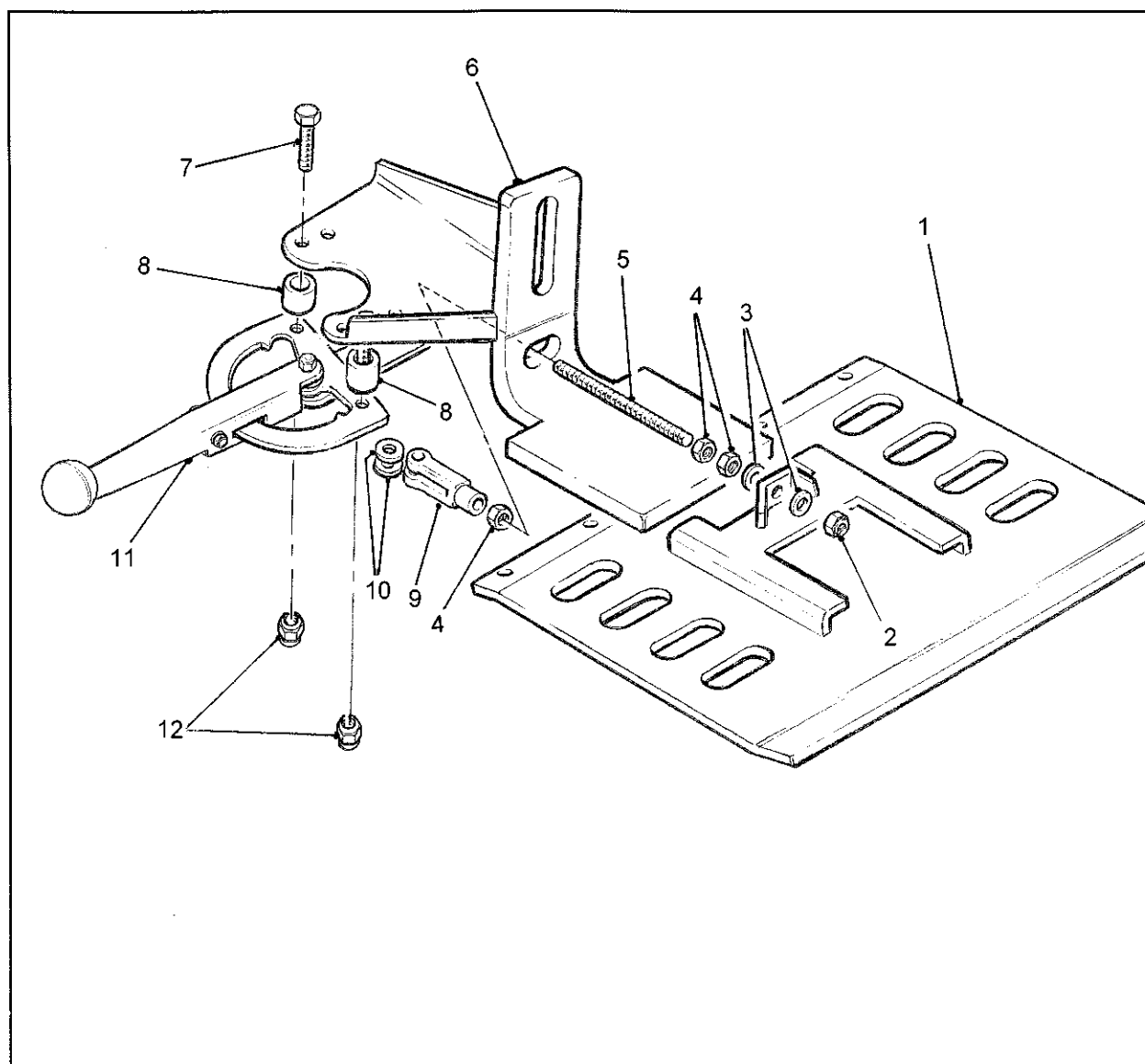
ITEM NO.	PART NO.	DESCRIPTION	QTY
DRIVER'S SCREEN (ACCESSORY)			
1	H111073	Mounting Bar. Driver's Screen	2
2	H111074	Stiffener Bar. Driver's Screen	1
3	H110821	Driver's Screen . Green Mesh	1
4	H310009	Tractor Mount Rear Frame. - N.H.	Ref
	H310117	Tractor Mount Rear Frame. - J.D.	Ref.
5	F040410	Bolt 1/4 unc x 1 Gr.8	6
6	F320400	Washer 1/4	12
7	F310400	Lockwasher 1/4	6
8	F230400	Nut 1/4 unc	6
9	H310164	Canopy Support (B)	Ref.



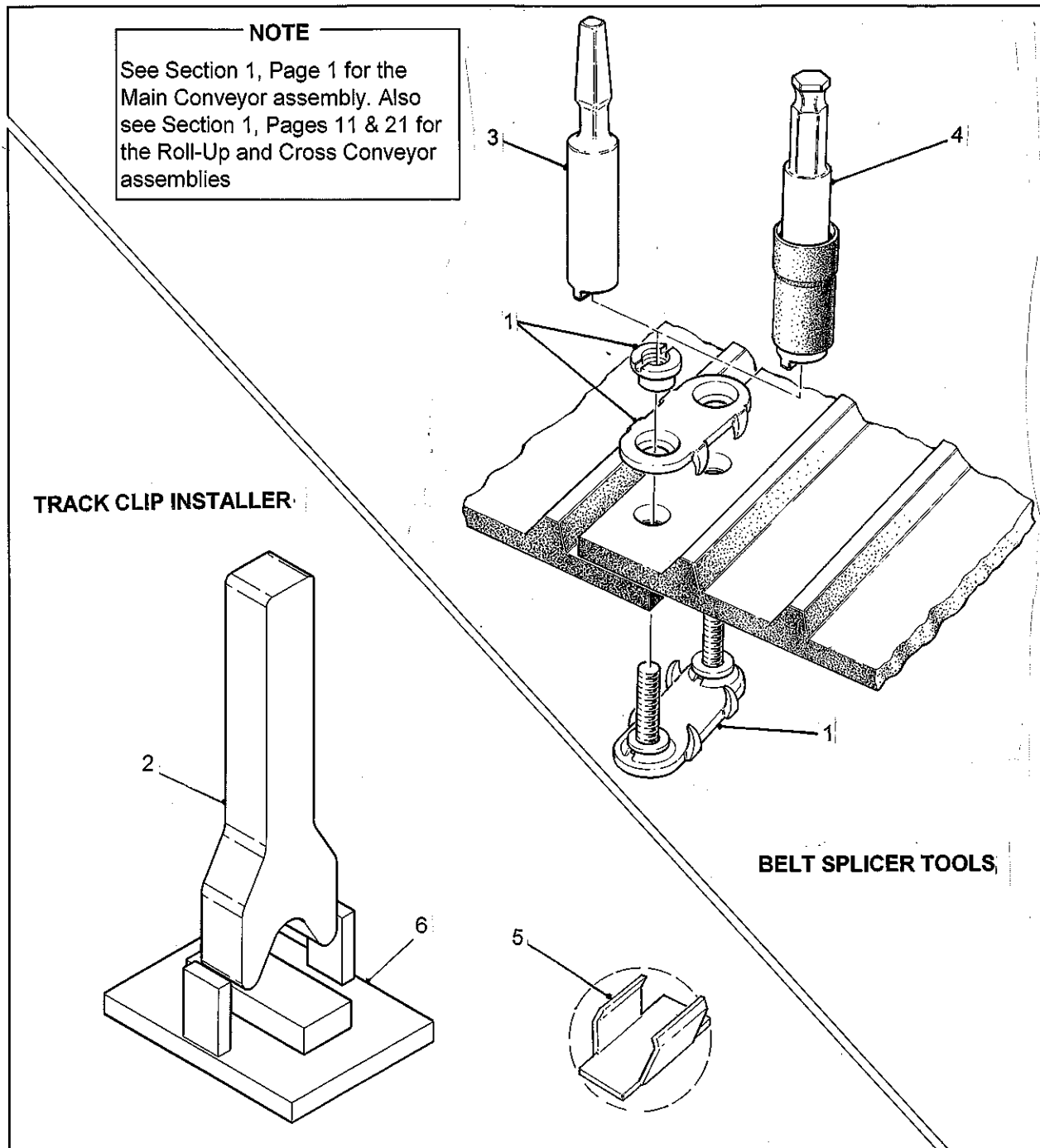
ITEM NO.	PART NO.	DESCRIPTION	QTY
FLAP ADJUSTER (LEVER OPERATED OPTION)			
1	H301190	Plate. Flap Adjust	1
2	F280450	Locknut 1/4-28 unf St. Stl.	1
3	F350400	Flatwasher 1/4 St. Stl.	2
4	F300450	Nut 1/4-28 unf St. Stl.	3
5	H101615	Linkage Rod	1
6	H301189	Bracket. Flap Adjust	1
7	F040412	Bolt 1/4-20 x 1 1/4 unc Gr.8	2
8	H101616	Spacer. Lever	2
9	KD10026	Clevis Yoke 1/4 unf	1
10	F320400	Flatwasher 1/4	2
11	KM50005	Lever. Self-Locking	1
12	F210400	Locknut 1/4-20 unc	2

NOTE

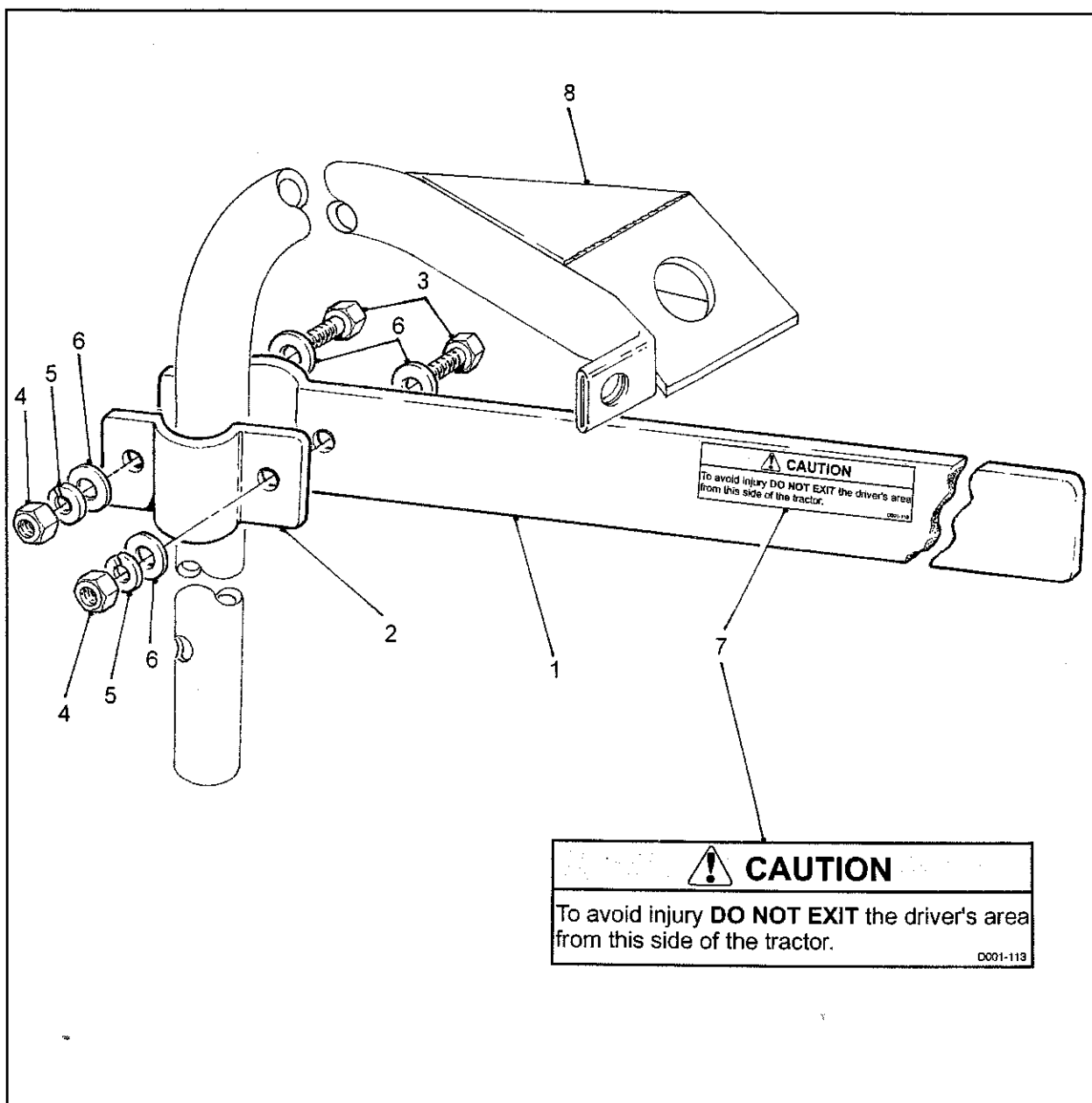
See Section 1, Page 11 for
standard Flap Adjuster and
Chain Drive Roll-Up Tray.



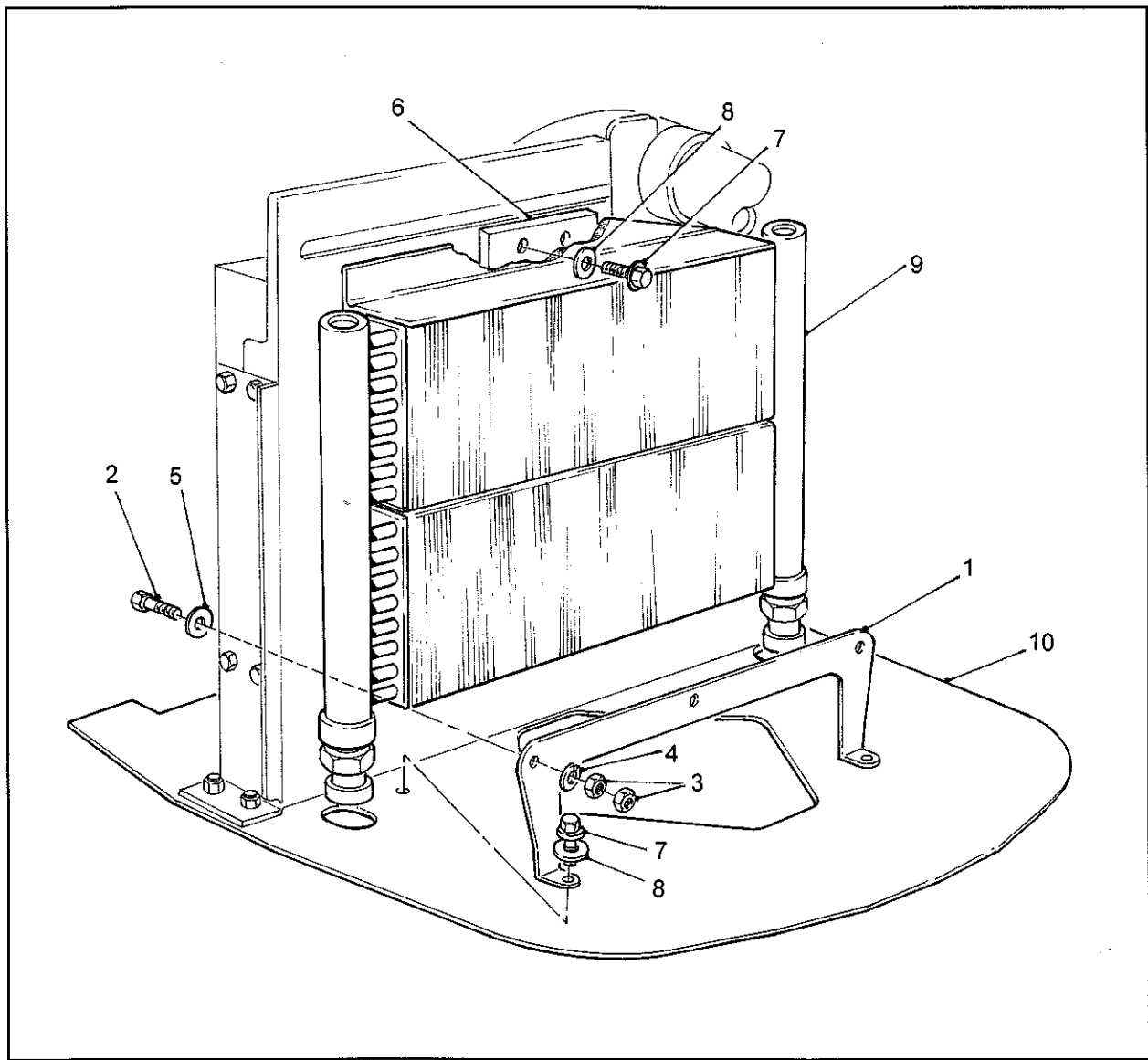
ITEM NO.	PART NO.	DESCRIPTION	QTY
		TRACK CLIP INSTALLER & BELT SPLICER TOOLS (ACCESSORIES)	
1	KD90001	Splice. Conveyor Mat	Ref.
2	H101724	Crimping Tool	1
3	KD90000	Tool. Belt Splicer. Std.	1
4	KD89999	Tool. Belt Splicer. (Impact Air Powered)	1
5	KD90003	Track Clip	Ref.
	KD90004	Track Clip. Narrow. 24 in. Mat	Ref.
6	H301237	Mandrel	1



ITEM NO.	PART NO.	DESCRIPTION	QTY
		WARNING BAR OPERATOR COMPARTMENT	
	H510121	Warning Bar. Assembly - New Holland	1
	H510125	Warning Bar. Assembly - John Deere	1
1	H111192	Warning Bar. New Holland	1
	H111197	Warning Bar. John Deere	1
2	H111193	Clamp Bar	1
3	F040512	Bolt 5/16 unc x 1 1/4 Gr.8	2
4	F230500	Nut 5/16 unc	2
5	F310500	Lockwasher 5/16	2
6	F320500	Flatwasher 5/16	4
7	D001-113	Decal "To Avoid Injury DO NOT EXIT..."	1
8	H310215	Mount. Fine Adjust Cable & Counter	ref.



ITEM NO.	PART NO.	DESCRIPTION	QTY
COOLER & RADIATOR MODIFICATIONS ((Brackets & Cables)) John Deere - 5225. Current from Serial No. 399			
1	H111135	Cooler Bracket. Lower	1
2	F040510	Bolt 5/16 unc x 1 Gr.8	3
3	F230500	Nut 5/16 unc	6
4	F310500	Lockwasher 5/16	3
5	F320500	Flatwasher 5/16	3
6	H111152	Shim. Cooler	1
7	G0106025	Bolt - M6 x 1.0 x 25 (Metric)	4
8	G320600	Washer M6 (Metric)	4
9	H111151	Cooler. (Modified)	1
10	H111133	Radiator Mount	1
11	KE10145	Ground Cable. Battery (Not illustrated)	1



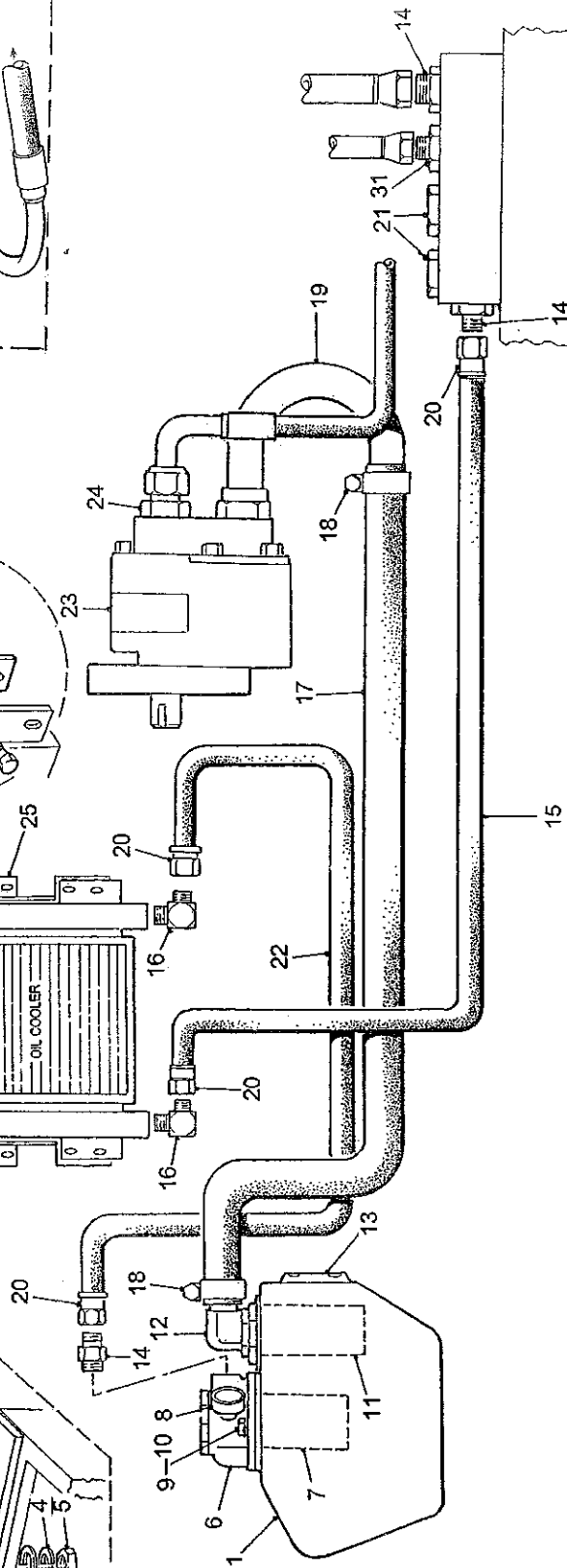
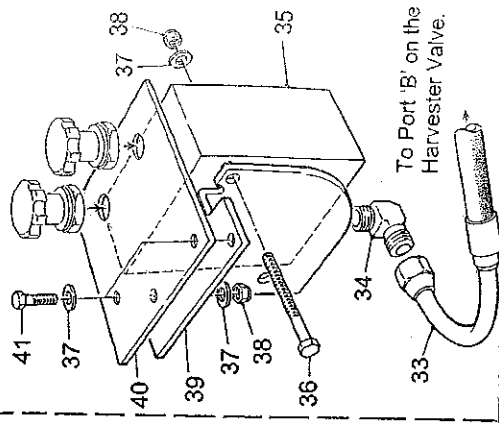
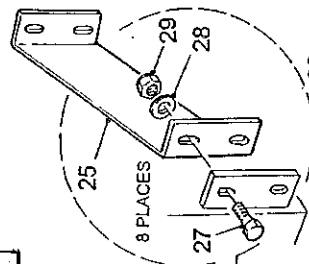
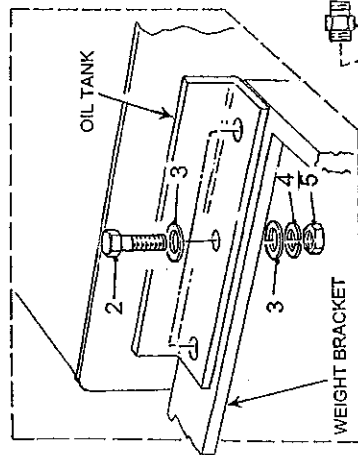
SECTION 7 CAB UNIT

2150 & 2200 Models

Hydraulic Tank, Gear Pump & Oil Cooler (See Section 3 for parts common to all units)	1
Auto Steer Hydraulic System	3
Rear Frame, Mid Beam & Weight Bracket	5
Lift Arm, Latch, Cable & Mid Beam	7
Rear Window, Screens & Side Curtain	9
Canopy & Lights	11
Electrical Diagram (Refer to Section 5 for parts common to all units)	13
Cab Side Awning and Supports	15
Cab Safety Decals	17

NOTE

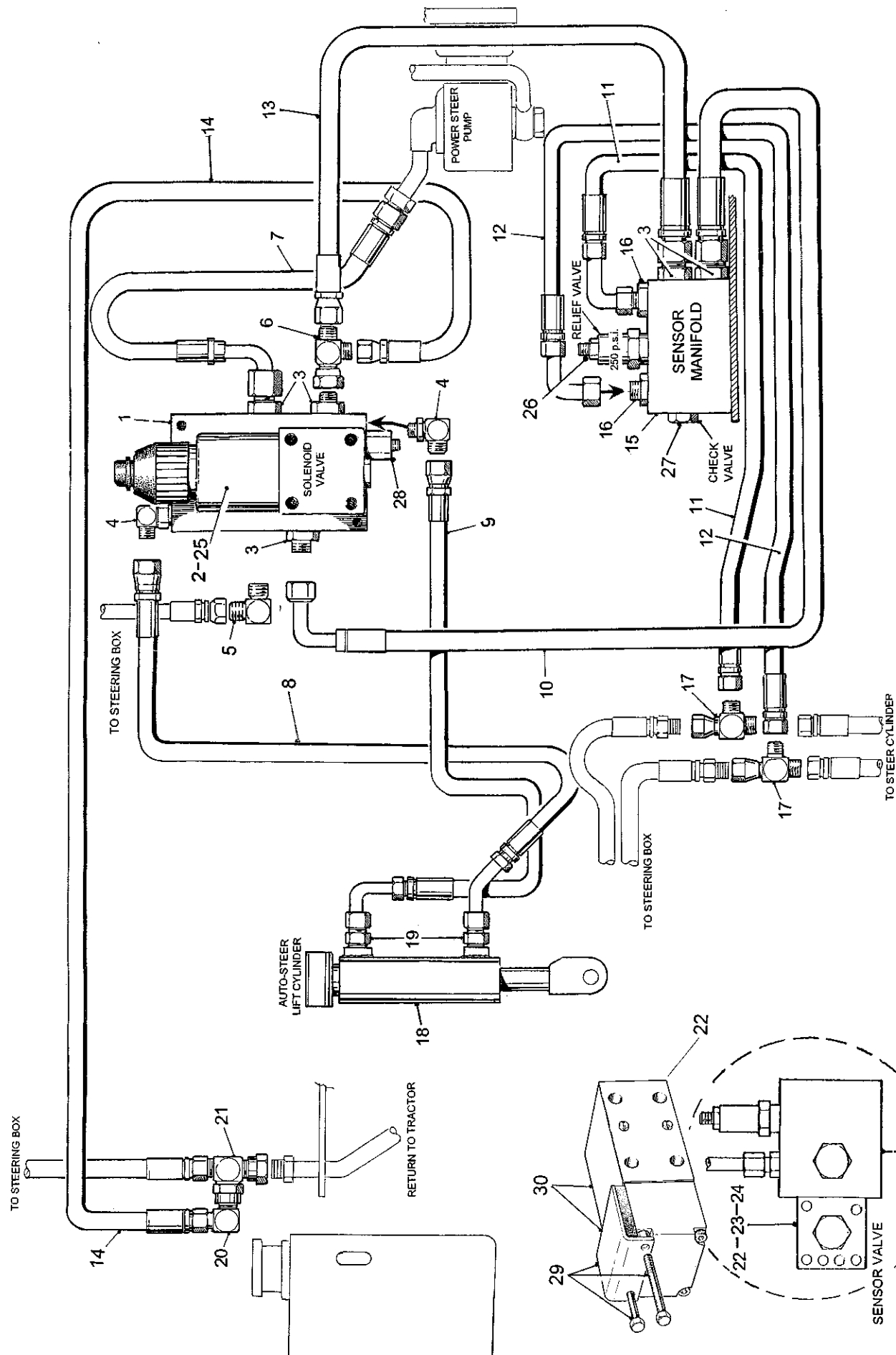
REFER TO SECTION 3 PAGES 1 TO 4 FOR
COMPLETE HYDRAULIC SYSTEM.
COMMON TO CAB AND NON CAB UNITS



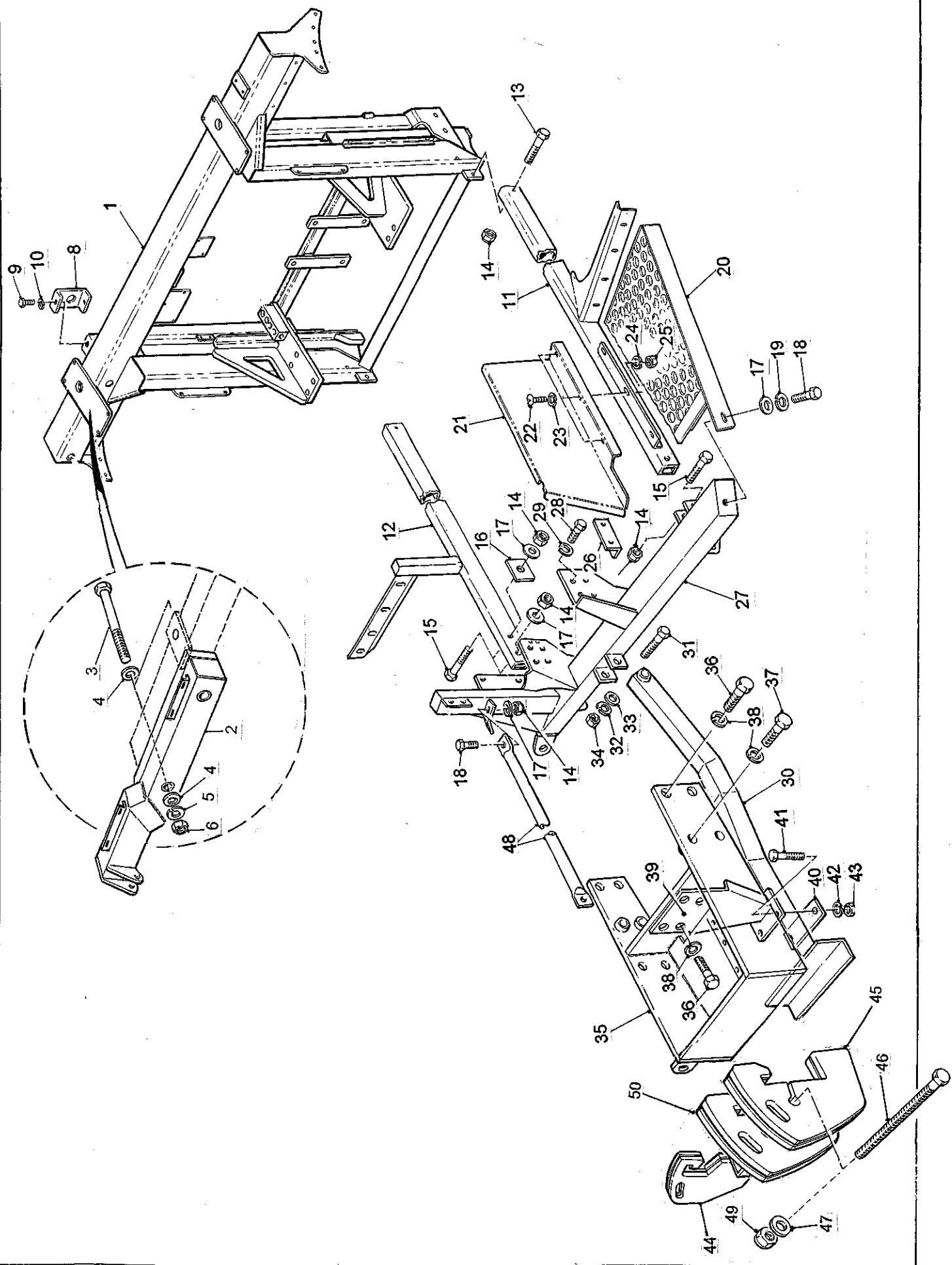
ITEM NO.	PART NO.	DESCRIPTION	QTY
HYDRAULIC SYSTEM NEW HOLLAND CAB UNIT			
1	H310136	Hydraulic Tank	1
2	F040814	Bolt 1/2 x 1 1/2 UNC GR 8	3
3	F320800	Washer 1/2	3
4	F310800	Lockwasher 1/2	3
5	F230800	Nut 1/2 UNC	3
6	KH40021	Return Filter/Breather c/w Indicator	1
7	KH40022	Filter Element	1
8	KH40019	Filter Indicator	1
9	F010512	Bolt 5/16 UNC x 1 1/4	2
10	F310500	Lockwasher 5/16	2
11	KH40020	Suction Strainer	1
12	24-24-430292	Hose Barb 1 1/2 - 1 1/2 90 deg.	1
13	KH10002	Sight Level Gauge	1
14	12-12-070120	Fitting Straight Thread O-Ring Connector	3
15	Q8576	Hose. Cooler 'IN' 3/4 ID x 10ft Lg.	1
16	12-12-070220	Fitting 'O' Ring Connector 90 deg. Elbow	2
17	Q8593	Suction Hose 1 1/2 ID x 43 in	1
18	KM60007	Hose Clamp	2
19	H110618	Beaded Tube	1
20	KH01109	Hose End, Female Swivel Barb.	4
21	12-090109A	No. 12 O-Ring Plug	2
22	Q8576	Hose. Cooler OUT 3/4 ID x 78 in.	1
23	KH30012	Gear Pump	1
24	16-12-070120	Fitting Straight Thread O-Ring Connector	1
25	H110775	Cooler Mounting Brkt. LH	1
26	H110776	Cooler Mounting Brkt. RH	1
27	F040506	Bolt 5/16 x 3/4 UNC GR 8	8
28	F320500	Washer 5/16	8
29	F210500	Locknut 5/16 UNC	8
30	H110676	Oil Cooler	1
31	12-8-070120	Fitting Straight Thread O-Ring Connector	1
32	F040612	Bolt 3/8 UNC x 1 1/4 GR 8	2
33	H500569	Hose Assy. Harvester Valve to Dual Flow Control	1
34	12-12-070220	Fitting - Straight Thread "O" Ring 90 deg. Elbow	1
35	H500012	Flow Regulator. (Cutter/Conveyor)	1
36	F040640	Bolt 3/8 UNC x 4 GR 8	2
37	F320600	Washer 3/8	6
38	F210600	Locknut 3/8 UNC	4
39	H110712	Mounting Bracket - Flow Control	1
40	H110711	Mounting Plate - Cab Floor	1

NOTE
REFER TO SECTION 3 PAGES 1 TO 4
FOR COMPLETE HYDRAULIC SYSTEM.
COMMON TO CAB AND NON CAB

AUTO-STEER HYDRAULIC SYSTEM



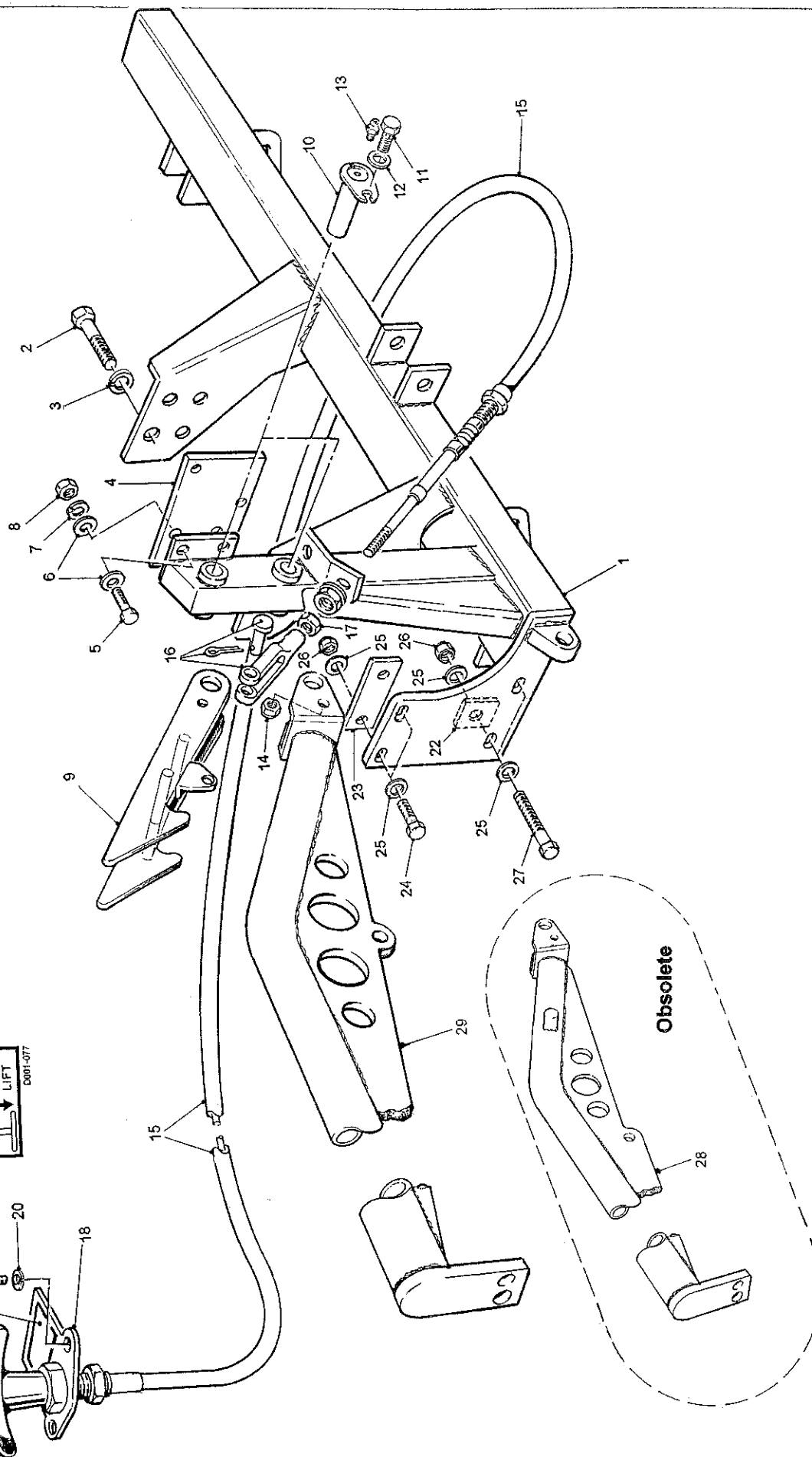
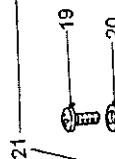
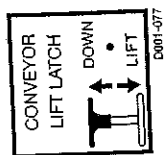
ITEM NO.	PART NO.	DESCRIPTION	QTY
AUTO-STEER HYDRAULIC SYSTEM			
1	H500007	Manifold	1
2	KH20071	Solenoid Valve	1
3	8-8-070120	#8 Connector	5
4	6-6-070220	Fitting. #6 Swivel Nut 90 deg. Elbow	2
5	8-8-070220	Fitting. #8 Swivel Nut 90 deg. Elbow	1
6	8-8-8-070432	Fitting. Swivel Nut. Branch Tee	1
7	H500565	Hose Assembly. Pump to Selector Valve	1
8	H500567	Hose Assembly. Selector Valve to Lift Cyl. Bottom	1
9	H500540	Hose Assembly. Selector Valve to Lift Cyl. Top	1
10	H500542	Hose Assembly. Sensor Valve to Sensor Valve Press	1
11	H500525	Hose Assembly. Sensor Valve to Steering. L.H.	1
12	H500526	Hose Assembly. Sensor Valve to Steering. R.H.	1
13	H500544	Hose Assembly. Sensor Valve to Selector Valve Return	1
14	H500566	Hose Assembly. Selector Valve to Tractor Return	1
15	H500013	Sensor Manifold	1
16	6-6-070120	#6 Connector	2
17	6-6-6-070432	Fitting. Swivel Nut Run Tee	2
18	KH31002	Reset Cylinder	1
19	6-2-070102	Fitting. 3/8 Male Connector	2
20	10-10-10-20432	Fitting. 5/8 Swivel Nut Run Tee	1
21	10-10-070221	Fitting. 5/8 Swivel Nut 90 deg. Elbow	1
22	KH20051	Sensor Valve	1
23	KH70041	Seal Kit. Sensor Valve	1
24	KH20054	End Cap Kit. Sensor Valve	1
25	KH70048	Seal Kit. Solenoid Valve (KH20071)	1
26	KH20036	Relief Valve for Sensor Manifold (H500013)	2
27	KH20056	Check Valve for Sensor Manifold (H500013)	1
28	KH20042	Check Valve for Manifold (H500007)	1
29	H510079	Sensor Valve Cover Assembly	1
30	H510109	Sensor Valve Assembly	1
NOTE Item 24. End Cap Kit Contains:- * Roller Lever * Pivot Housing * Pivot Shaft * Pivot Pin * Pin Stop * Pin			



ITEM NO.	PART NO.	DESCRIPTION	QTY
		REAR FRAME, MID BEAM, WEIGHT BRACKET	
1	H310140	Tractor Mount Rear Frame	1
2	H301083	Beam Extension 16 & 18 IN.	1
	H301088	Beam Extension 24 IN.	1
3	F0412120	Bolt 3/4 UNC x 12 GR8.	2
4	F321200	Washer 3/4	2
5	F311200	Lockwasher 3/4	2
6	F231200	Nut 3/4 UNC	2
7	Not used		
8	H110714	Cover Emergency Switch	2
9	F010406	Bolt 1/4 UNC x 3/4	2
10	F310400	Lockwasher 1/4	2
11	H310151	Compression Beam LH	1
12	H310152	Compression Beam RH	1
13	F040844	Bolt 1/2 UNC x 4 1/2 GR8	2
14	F210800	Locknut 1/2 UNC	6
15	F040840	Bolt 1/2 UNC x 4 GR8	3
16	H110740	Backing Plate	1
17	F320800	Washer 1/2 GR 8	3
18	F040814	Bolt 1/2 UNC x 1/2 GR8	2
19	F310800	Lockwasher 1/2	1
20	H310142	Step	1
21	H110658	Step Panel	1
22	F580506	Bolt 5/16 UNC x 3/4 Pan Hd. Phil. S.S.	3
23	F320500	Washer 5/16	3
24	F310500	Lockwasher 5/16	3
25	F230500	Nut 5/16 UNC	3
26	F310156	Gas Tank Support Bracket	1
27	H310145	Mid Beam	1
28	G0820070	Bolt M20 - 70	8
29	G312000	Lockwasher M20	8
30	H310133	Compression Tube	1
31	F041260	Bolt 3/4 UNC x 6 GR8	2
32	F311200	Lockwasher 3/4	2
33	F321200	Washer 3/4	2
34	F231200	Nut 3/4 UNC	2
35	H310141	Weight Bracket (with Tank Mount)	1
36	G0420090	Bolt M20 - 90	8
37	G0420070	Bolt M20 - 70	4
38	G312000	Lockwasher M20	12
39	H310126	Support Bracket - Compression Beam	1
40	H110728	Clamp Plate	1
41	F040644	Bolt 3/8 UNC x 4 1/2 GR8	2
42	F310600	Lockwasher 3/8	2
43	F230600	Nut 3/4 UNC	2
44	H110097	Half Weight	6
45	H110214	Primary Weight	14
46	H310109	Clamping Bolt	1
47	F321200	Washer 3/4	1
48	H110703	Strut. Mid Beam to Weight Bracket	1
49	F211200	Locknut 3/4 UNC	1
50	H310167	Primary Weight with Bracket	

NOTE

For Auto-Steer Shut Off Switch, see Section 1, Page 31.



Obsolete

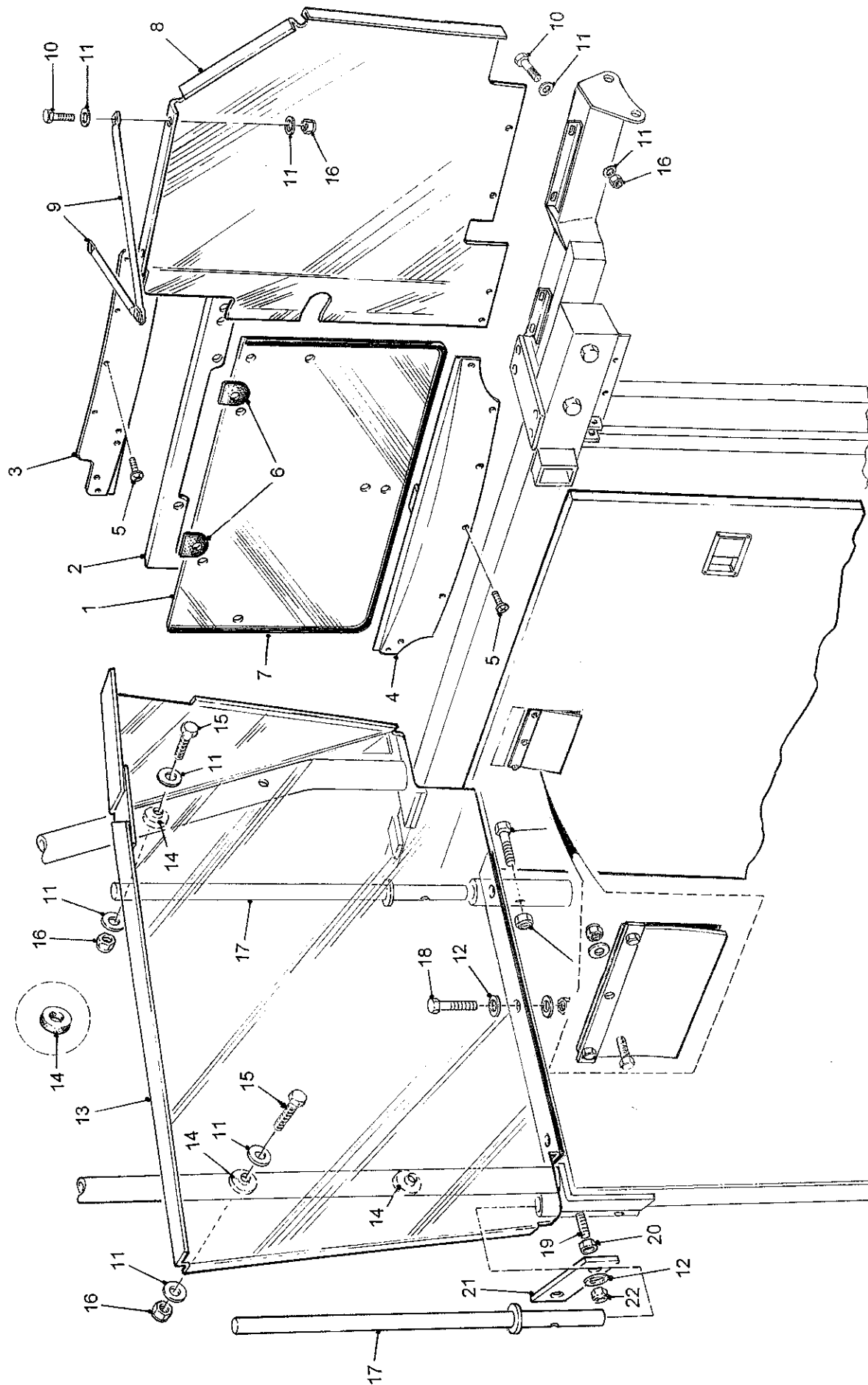
ITEM NO.	PART NO.	DESCRIPTION	QTY
LIFT ARM, LATCH, CABLE & MID BEAM			
1	H310145	Mid Beam	1
2	G0420090	Bolt M20 - 90	4
3	G312000	Lockwasher M20	4
4	H110742	Mounting Plate, Auto-Steer Selection Valve	1
5	F040610	Bolt 3/8 UNC x 1 GR8	2
6	F320608	Washer 3/8 GR8	4
7	F310600	Lockwasher	2
8	F230600	Nut 3/8 UNC	2
9	H300077	Lift Arm Latch - Non Current up to Serial No. 418	1
10	H300012	Pivot Pin	1
11	F040512	Bolt 5/16 UNC x 1 1/4 GR8	1
12	F320500	Washer 5/16	1
13	KM11400	Grease Fitting	1
14	F210500	Locknut 5/16 UNC	1
15	KD10032	Cable Assembly, Safety Latch	1
16	KD10026	Clevis - Cable End, c/w Pin & Cotter Pin	1
17	F220450	Jam Nut 1/4 UNF	1
18	H100710	Flange, Safety Latch Cable	1
19	--	Screw } New Holland Part	2
20	--	Washer }	2
21	D001-077	Decal - 'Conveyor Lift Latch'	1
22	H110740	Backing Plate - Side Beam	1
23	H110780	Backing Plate - Mid Beam	1
24	F040814	Bolt 1/2 UNC x 1 1/2 GR8	2
25	F320808	Washer 1/2 GR8	2
26	F210800	Locknut 1/2 UNC	4
27	F040840	Bolt 1/2 UNC x 4 GR8	2
28	H300023	Lift Arm 16 & 18 in. 2150 Model	1
	H300041	Lift Arm 24 in. 2150 Model	1
29	H300105	Lift Arm 16 & 18 in. Std.	
	H300106	Lift Arm 24 in. Std.	
NOTE For Lift Arm Cylinder, Lift Chain and attaching parts see Section 1. Page 31			

NOTE

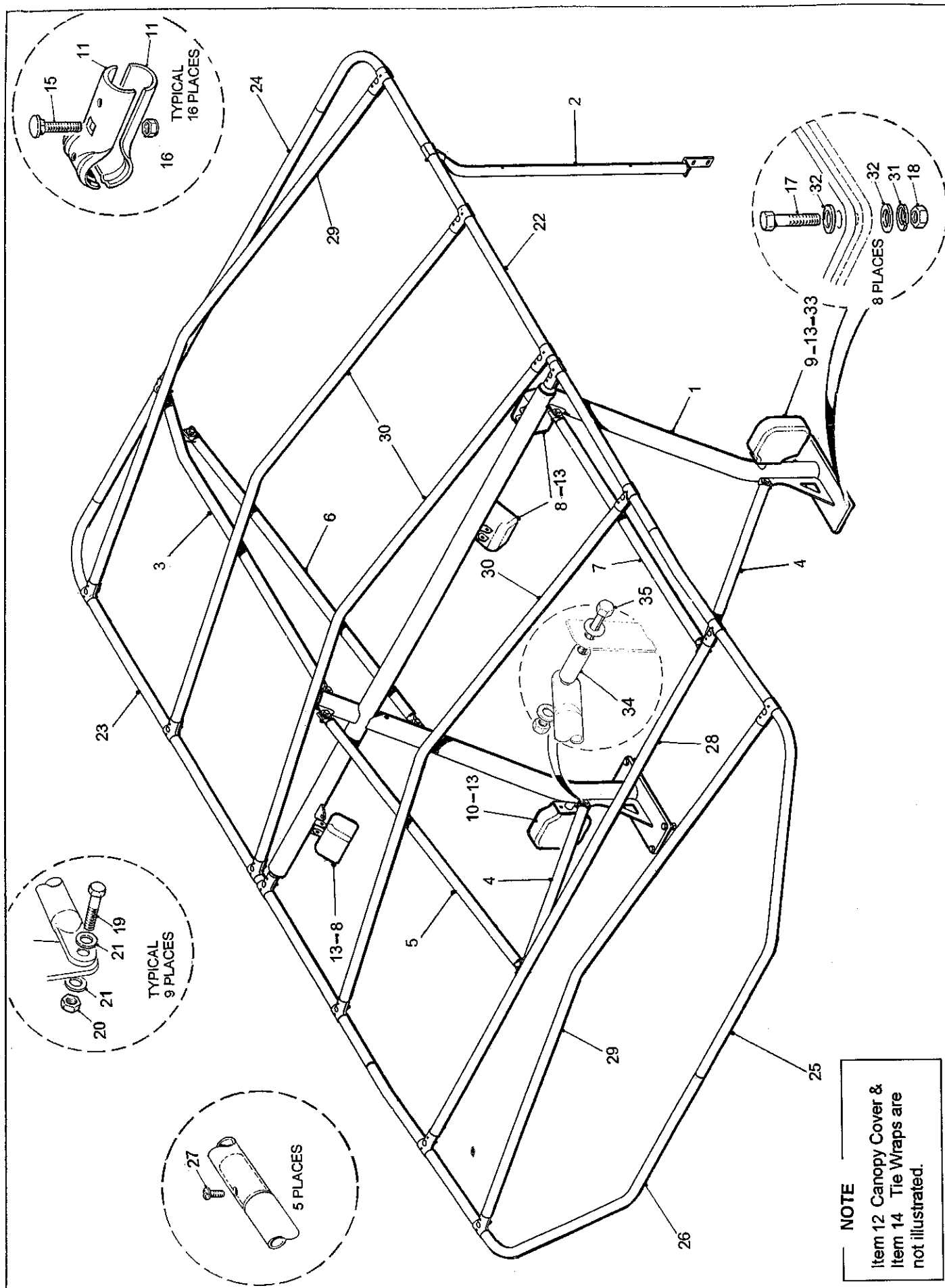
See Section 1, Page 31 for the
Cylinder Lock, Current from Serial
No. 419 on the Cab Option.

Obsolete from
Serial No. 418

Obsolete from Serial No. 388

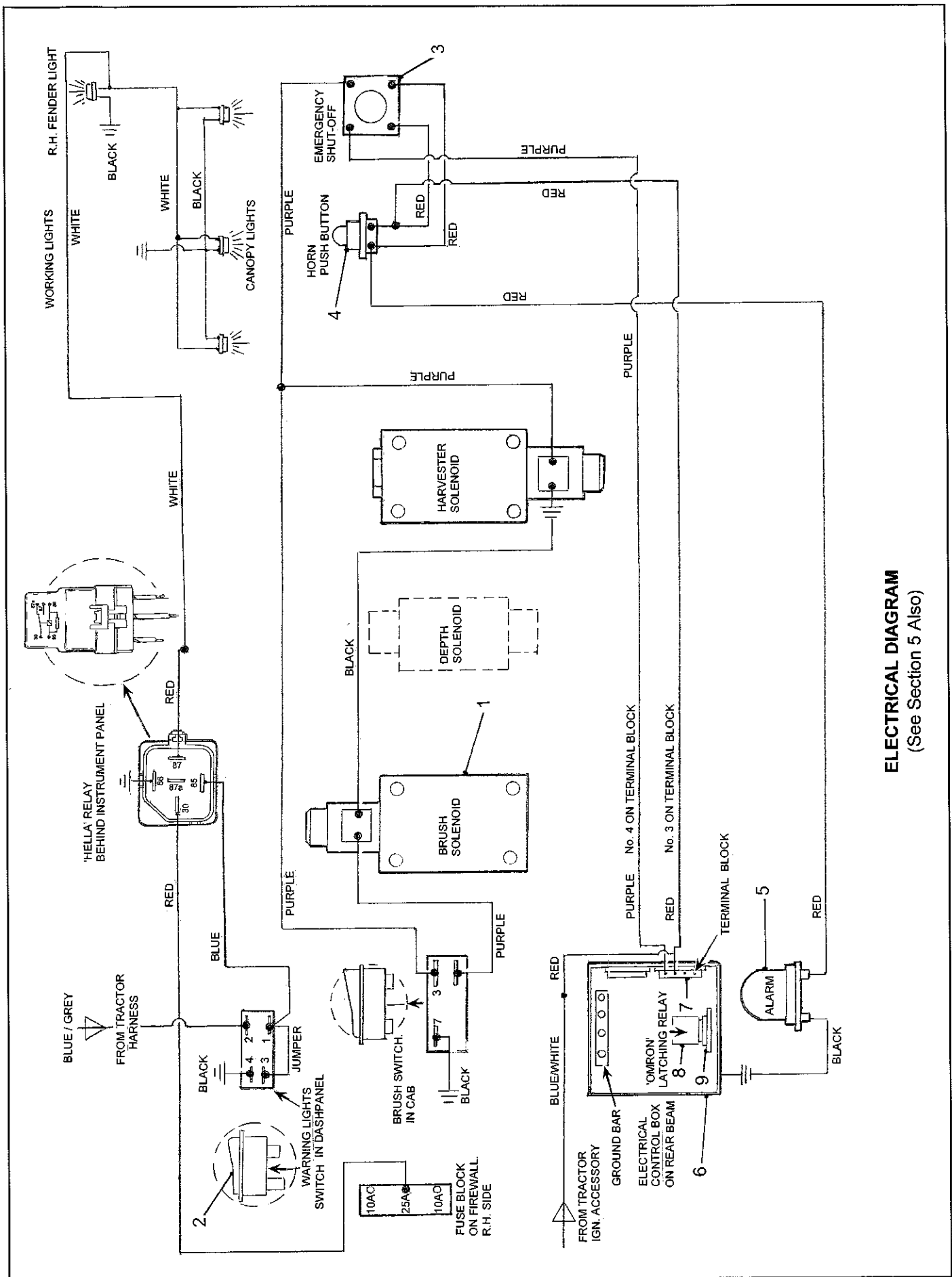


ITEM NO.	PART NO.	DESCRIPTION	QTY
REAR WINDOW & LEXAN SCREENS			
1	H110622	Rear Window	1
2	H110655	Stiffener. Rear Window	1
3	H310144	Top Panel. Rear Window	1
4	H310143	Bottom Panel. Rear Window	1
5	F580206	Bolt 10 - 24 x 3/4. Pan Hd. Phil. S.S.	18
6	H110726	Hinge Insulator	2
7	Q8352	Edging. Rear Window	A/R
8	H110743	Front Windscreen (Lexan)	1
9	H110792	Support Struts	2
10	F040406	Bolt 1/4 unc x 3/4 Gr. 8	6
11	F320400	Washer 1/4	20
12	F320500	Washer 5/16	7
13	H110744	Side Windscreen (Lexan)	1
14	H110797	Grommet	4
15	F040412	Bolt 1/4 unc x 1 1/4 Gr. 8	4
16	F210400	Locknut 1/4 unc	10
17	H310149	Protector Rod (Lexan Screen)	2
18	F040520	Bolt 5/16 unc x 2 Gr. 8	4
19	F040524	Bolt 5/16 unc x 2 1/2 Gr.8	1
20	F230500	Nut 5/16 unc	1
21	Ref.	Retainer Latch (Pallet Platform)	A/R
22	F210500	Locknut 5/16 unc	5
23	H310276	Rear Door (Fuel Access)	1
24	H111201	Clamp Bar	1
25	H111200	Flap. Rubber	1
26	F040410	Bolt 1/4-20 unc x 1 Gr.8	3
27	F210400	Locknut 1/4 -20 unc	3
28	F320400	Flatwasher 1/4 USS	3
NOTE See page 15 for Side Awning & Side Curtain.			
NOTE The rear window Hinges, Latch, Wiper Motor and attaching hardware are New Holland parts. Refer to the New Holland parts manual.			
NOTE Source the 11 in. Rear Window Wiper Blade locally.			



NOTE
 Item 12 Canopy Cover &
 Item 14 Tie Wraps are
 not illustrated.

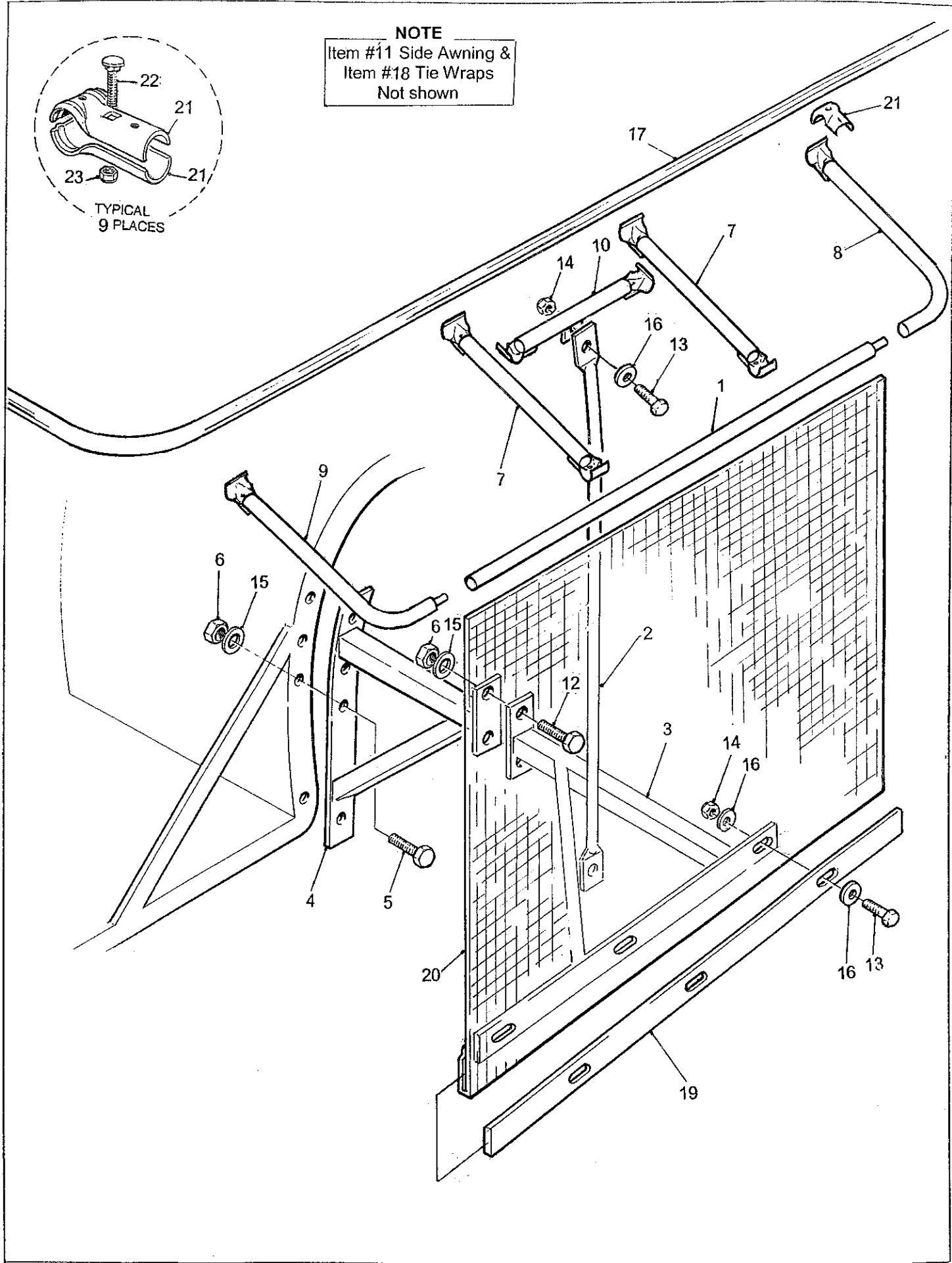
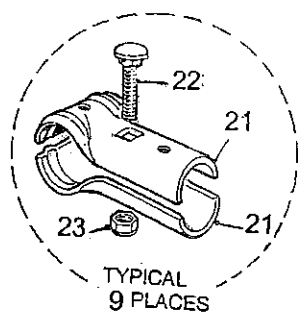
ITEM NO.	PART NO.	DESCRIPTION	QTY
CANOPY ASSEMBLY & LIGHTS (N.H. CAB)			
1	H310147	Canopy Support Weldment (N.H. Cab)	1
2	H310150	Canopy Vertical Support Post (N.H. Cab)	1
3	H310157	Rear Spreader Weldment (N.H. Cab)	1
4	H110705	Front Angled Member (N.H. Cab)	2
5	H110706	Front Spreader R.H. (N.H. Cab)	1
6	H110708	Rear Angled Support (N.H. Cab)	1
7	H110767	Front Spreader L.H.	1
8	H510234	Work Light Assembly	3
	KE90014	Bulb. Work Light - 12V-55W	3
9	KN00027	Signal Lens L.H. (New Holland)	1
10	KN00028	Signal Lens R.H. (New Holland)	1
11	H110935	90° Brace Clamp (One Half)	26
12	H110289	Canopy Cover (N.H. Cab & Old Style) Not Shown	1
13	H510009	Wiring Harness - Work Lights & Signal Lenses	1
14	KX99107	Tie Wraps (Attaching Canopy Cover) Not Shown	35
15	F020520	Carriage Bolt - 5/16 UNC x 1 3/4	16
16	F210500	Nyloc Nut - 5/16 UNC	16
17	F040820	Bolt - 1/2 UNC x 2.0 GR. 8	8
18	F230800	Hex Nut - 1/2 UNC	8
19	F040714	Bolt 7/16 UNC x 1.50 GR. 8	9
20	F220700	Jam Nut - 7/16 UNC	9
21	F320700	USS Washer - 7/16 (1.25 O.D. x 0.50 I.D.)	18
22	H110217	Frame - Rear Corner L.H.	1
23	H110218	Frame - Rear Corner R.H.	1
24	H110219	Frame - Rear Straight	1
25	H110220	Frame - Front Corner L.H.	1
26	H110221	Frame - Front Corner R.H.	1
27	F700204	Screw - #10 Self Tap Pan Hd. Phil St. Stl.	5
28	H310163	Canopy Frame - Cross Brace	1
29	H110761	Canopy Frame - Cross Brace - Front & Rear	2
30	H110762	Canopy Frame - Cross Brace	3
31	F310800	Lockwasher 1/2	8
32	F320800	Washer 1/2	16
33	G0108025	Bolt - M8 x 1.25 x 25 (metric) (New Holland)	2
34	H111231	Pipe Spacer - Current from Serial No. 430	1
35	F040730	Bolt 7/16 unc x 3 Gr.8 - Current from Serial No. 430	1
NOTE Frame tube ends are colour coded to assist in assembly. NOTE For New Holland Cabs up to Serial Number 429, Items 34 and 35 must be ordered when ordering Item 28 - H310163 Canopy Frame - Cross Brace.			



ELECTRICAL DIAGRAM
(See Section 5 Also)

ITEM NO.	PART NO.	DESCRIPTION	QTY
		ELECTRICAL DIAGRAM (See Section 5 Also)	
1	KH20059	Brush Solenoid	1
2	KE80010	Switch. Brush 'ON - OFF'	1
3	KE80014	Switch. Emergency Shut-Off	1
4	KE10021	Push Button - Alarm	1
5	KE10065	Alarm	1
6	KE20002	Electrical Control Box	1
7	KE10111	Terminal Block	2
8	KE10089	Latching Relay	1
9	KE10090	Base - Latching Relay	1

NOTE
 Item #11 Side Awning &
 Item #18 Tie Wraps
 Not shown



ITEM NO.	PART NO.	DESCRIPTION	QTY
CAB SIDE AWNING AND SUPPORTS			
1	H110785	Side Awning Straight Member	1
2	H110785	Side Curtain Vertical Support Strut	1
3	H310183	Side Curtain Support 16in./18in.	1
	H310184	Side Curtain Support 24in.	1
4	H310185	Fender Mounted Support 16in./18in. and 24in.	1
5	F040610	Bolt 3/8 unc x 1 1/4in. Gr.8	4
6	F230600	Nut 3/8 unc	6
7	H310186	Side Awning Spreader 16in./18in.	1
	H310187	Side Awning Spreader 24in.	1
8	H310188	Side Awning Front Corner 16in./18in.	1
	H310190	Side Awning Front Corner 24in.	1
9	H310189	Side Awning Rear Corner 16in./18in.	1
	H310191	Side Awning Rear Corner 24in.	1
10	H310192	Side Curtain Cross Brace	1
11	H110758	Side Awning 16in./18in.	1
	H110759	Side Awning 24in.	1
12	F040612	Bolt 3/8 unc x 1in. Gr.8	2
13	F040410	Bolt 1/4 unc x 1in. Full Thread	4
14	F230400	Nut 1/4 unc	4
15	F320600	Washer 3/8	6
16	F320400	Washer 1/4	7
17	H110218	Frame Rear Corner R.H.	1
18	KX99107	Tie Wraps (Attatching Side Awning)	9
19	H110796	Stiffener Bar	1
20	H110793	Piling Enclosure	1
21	H110935	90 Brace Clamp (One Half)	8
22	F020516	Carriage Bolt- 5/16 unc x1 3/4	8
23	F210500	Nut 5/16 unc	8

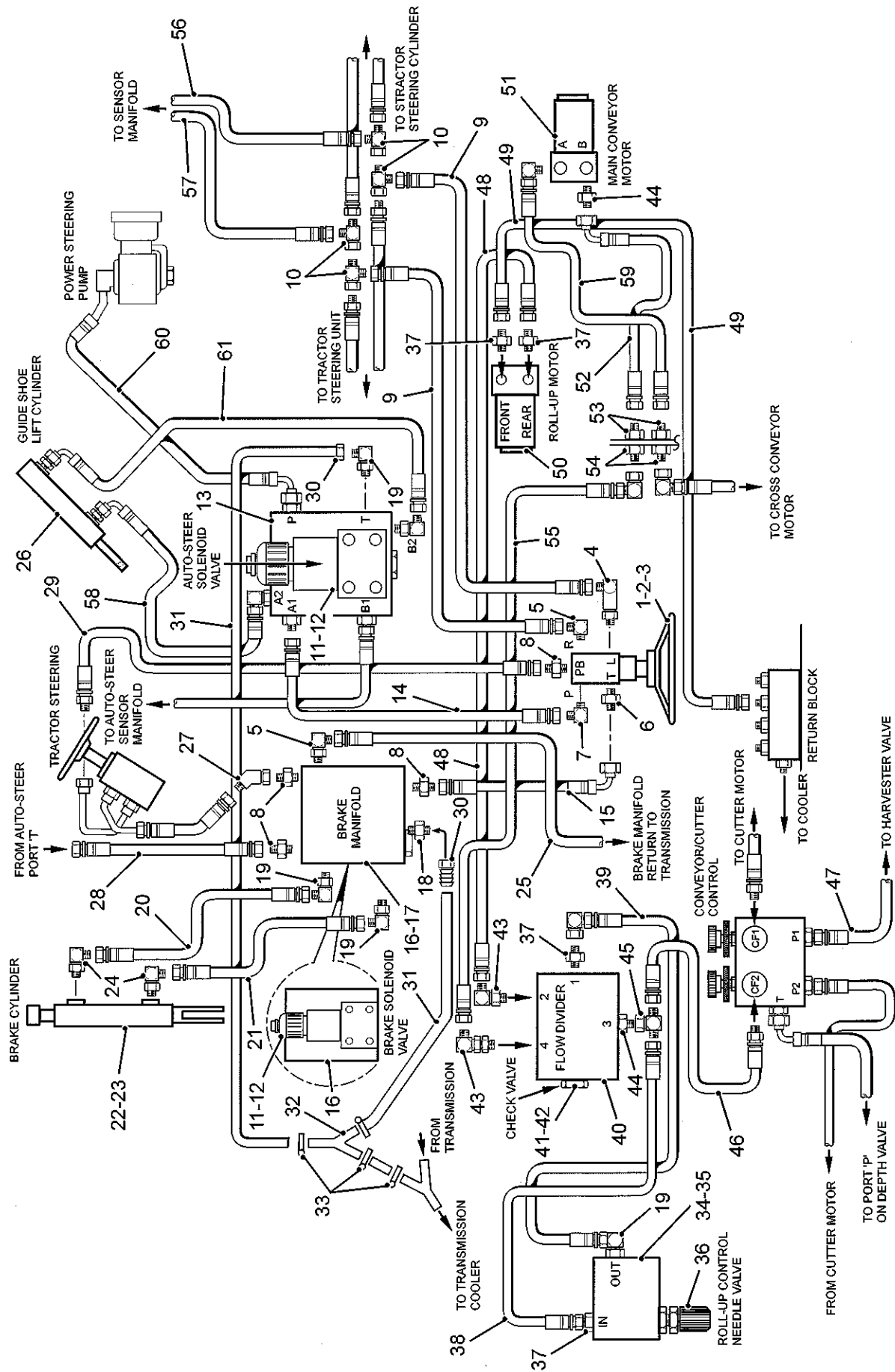


ITEM NO.	PART NO.	DESCRIPTION	QTY
SAFETY DECALS NEW HOLLAND CAB UNIT			
1	D001-028	Decal - "Before Dismounting..."	1
2	D001-019	Decal - "Fasten Your Seat Belt"	1
3	D001-012	Decal - "Warning High Pressure..."	1
4	D001-100	Decal - "Caution Do Not Touch..."	1
5	D001-075	Decal - "Driver Warning"	1
6	D001-074	Decal - "Conveyor Puch To Stop..."	1
NOTE Refer to Section 6, Page 15, for 2150 Model Safety Decals and Section 6, Page 19 for 2200 Model Safety Decals.			

SECTION 8 D.I.Y. OPTION

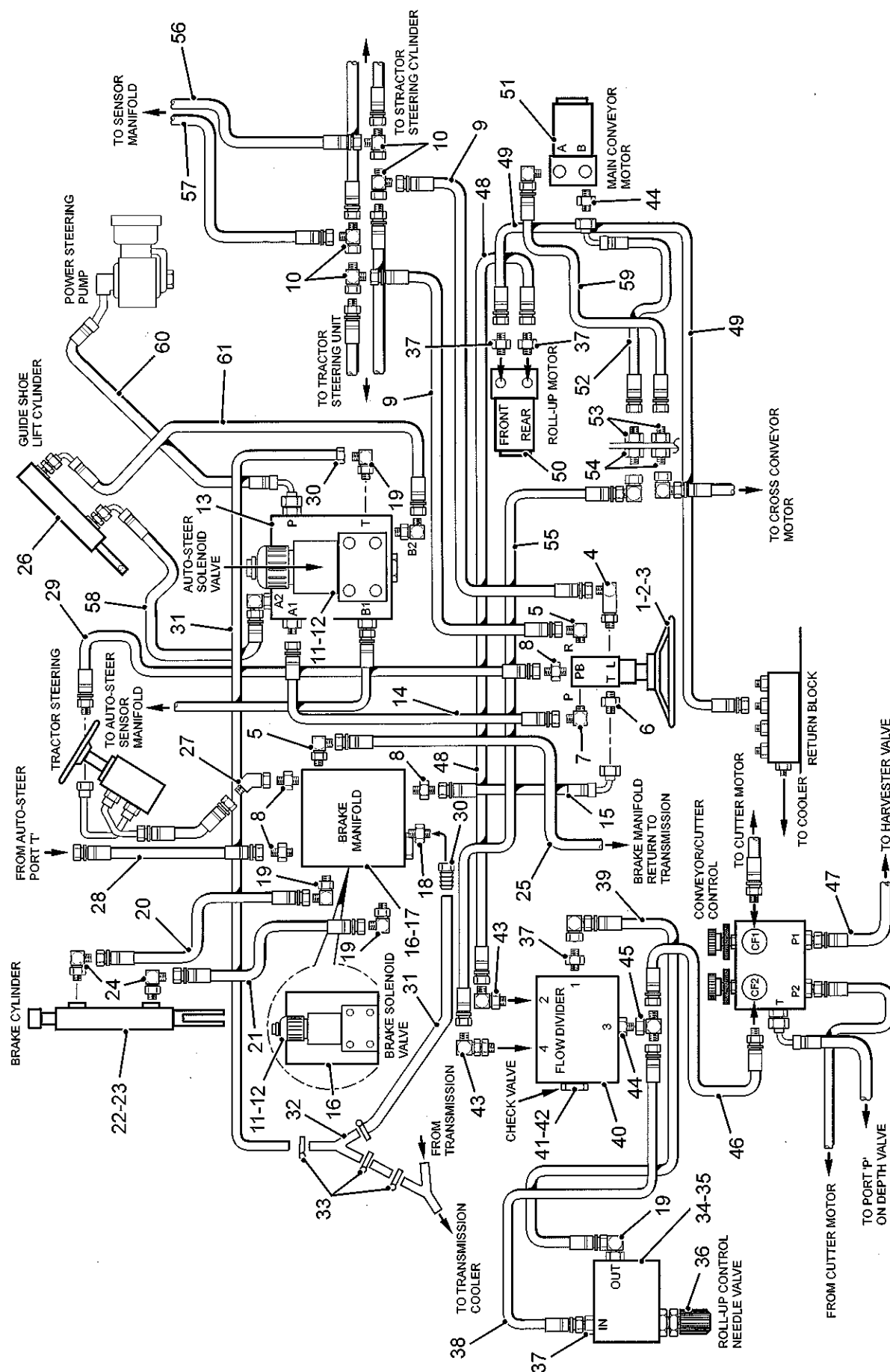
Hydraulic Schematic – New Holland	1
Rear Steering Mount Assembly & Controls	5
Rear Control Assemblies – New Holland	
Forks (Non Current up to Serial No. 469),	
Conveyor, Throttle, & Transmission	7
Parking Brake Assembly	9
Electrical Diagram & Radar Mounts – New Holland.	
Non Current up to Serial No. 719	11
Rear Control Assemblies – John Deere	
Forks, Conveyor, Throttle, & Transmission	13
De-Clutching Solenoid	15
Transmission Interlock Switches	16
Decals	17
Emergency Shut-Off Switch – Slab (Roll. Non Current up to Serial No. 646)	19
Heavy Duty Forks Lever (Current from Serial No. 470)	21
Hydraulic Schematic – John Deere	23
Electrical Diagram & Radar Mounts – John Deere	27
Emergency Shut Off Switch – Roll. Current from Serial No. 647	29
Brake Cylinder & Selector Valve Mounting – John Deere	30
Electrical Diagram & Radar Mounts – New Holland.	
Current from Serial No. 720	32

D.I.Y. HYDRAULIC SYSTEM - New Holland

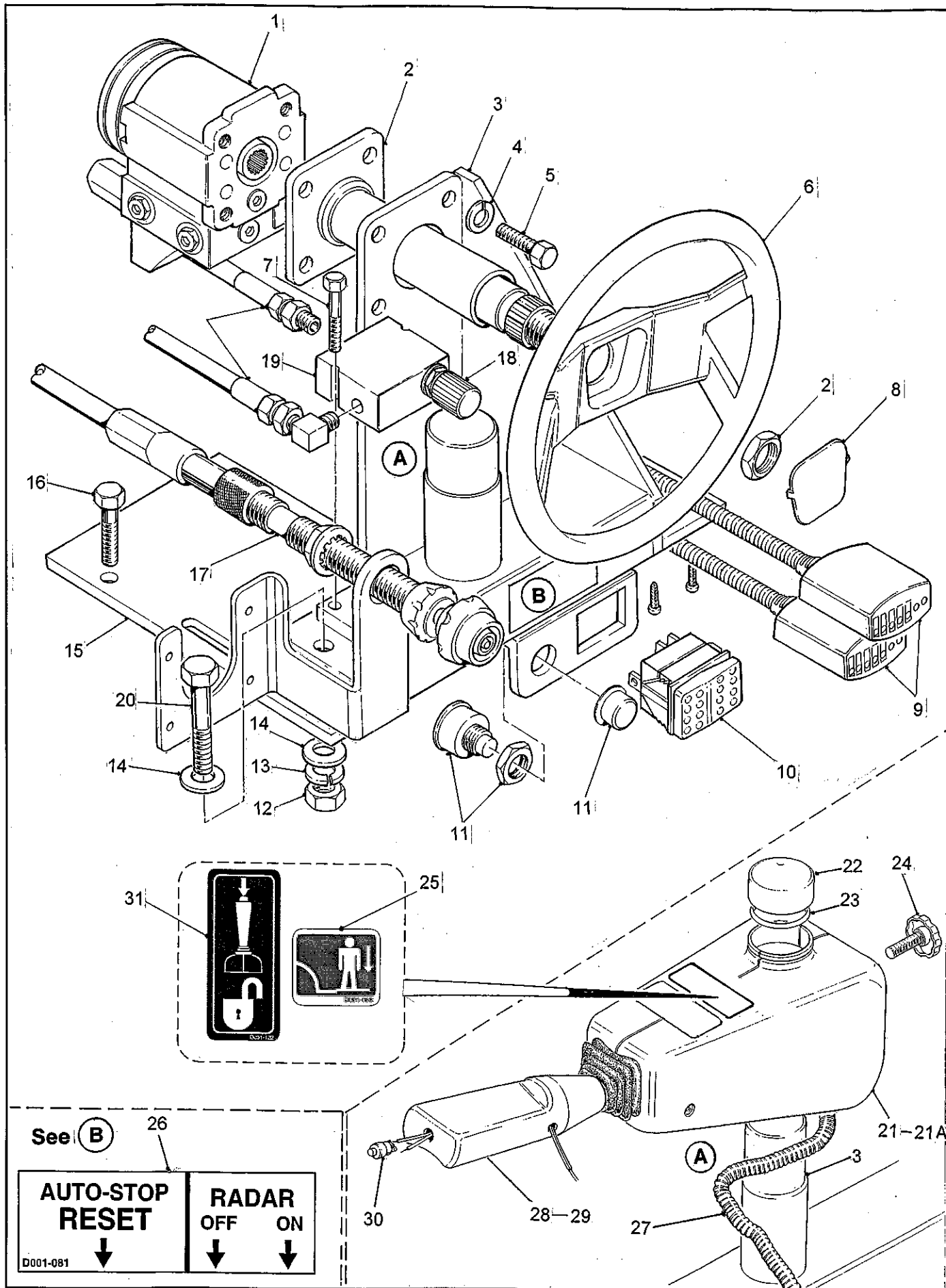


ITEM NO.	PART NO.	DESCRIPTION	QTY
D.I.Y. HYDRAULIC SYSTEM			
1	KH20096	Steering Unit	1
2	KH20068	Priority Valve	1
3	KH70005	'O' Ring Seal Kit Priority Valve to Steering Unit	1
4	6- 8- 071620	No. 6 Tube to No. 8 'O' Ring Connector (Lg. Drop)	1
5	6- 8- 070220	No. 6 Tube to No. 8 'O' Ring 90 deg. Elbow	2
6	8- 8- 070120	No.8 Connector Str. Thread	1
7	10- 10- 070220	No. 10 Tube to No. 10 'O' Ring 90 Deg. Elbow	1
8	10- 10- 070120	No. 10 'O' Ring Connector Str. Thread	4
9	H500605	Hose Assembly. Rear Steering to Tractor Steer Cylinder	2
10	6- 6- 6- 070432	No. 6 Tube Swivel Run Tee	4
11	KH20071	Selector Valve	2
12	KH70048	Seal Kit. Per. Selector Valve	1
13	H500007	Manifold (See Auto-Steer Section Page 9)	Ref
14	H500606	Hose Assembly. Auto-Steer Manifold to Steering Unit	1
15	H500608	Hose Assembly. Rear Steering Return	1
16	KH20099	Brake Manifold	1
17	KH70059	Seal Kit - Brake Manifold	1
18	6- 8- 070120	No. 6 Tube to No. 2 'O' Ring Connector	1
19	6- 6- 070220	No. 6 Tube to No. 6 'O' Ring 90 Deg. Elbow	4
20	H500610	Hose Assembly. Brake Return	1
21	H500609	Hose Assembly. Brake Pressure	1
22	KH31004	Brake Cylinder	1
23	KH70039	Seal Kit - Brake Cylinder	1
24	6- 4- 070220	No. 6 Tube to No. 4 'O' Ring 90 Deg. Elbow	2
25	H500626	Hose Assembly. Brake Manifold Return	1
26	H500014	Lift Cylinder. Guide Shoe	1
	KH70039	Seal Kit. Lift Cylinder. Guide Shoe	1
27	10- 10- 070321	No. 10 Swivel Elbow 45 Deg.	1
28	H500528	Hose Assembly. Brake Manifolds to Sensor Manifold Port 'T'	1
29	H500607	Hose Assembly. Power Beyond Rear Steering	1
30	KH01114	No. 8 J.I.C. Barb Swivel	2
31	Q8573	Hose Auto-Steer and Brake Manifolds to Transmission Cooler	A/R
32	KH00502	'Y' Fitting Plastic Barb 1/2in	1
33	KH68116	Hose Clamp 1in	2
34	KH20086	Valve Body Roll - Up	1
35	KH70060	Seal Kit. Roll - Up Valve	1
36	KH20085	Needle Valve. Roll - Up	1
37	6- 6- 070120	No. 6 'O' Ring Connector Str. Thread	4
38	H500612	Hose Assembly. Flow Divider to Roll - Up Valve Body	1
39	H500613	Hose Assembly. Roll - Up Valve Body to Flow Divider	1
40	KH20084	Flow Divider Body	1
41	KH20083	Cartridge - Flow Divider	1
42	KH70062	'O' Ring Kit - Flow Divider Cartridge	1
43	8- 10- 070220	No. 8 Tube to No. 10 'O' Ring 90 Deg. Male Connector	2
44	8- 10- 070120	No. 8 Tube to No. 10 'O' Ring Boss /Std. Con.	2
45	8- 8- 8- 070433	No. 8 Swivel Branch Tee	1
46	H500509	Hose Assembly. Flow Divider to Conveyor/Cutter Flow Regulator	1
47	KH20055	Flow Regulator. Conveyor/Cutter	1
48	H500579	Hose Assembly. Flow Divider to Roll - Up Motor	1

3

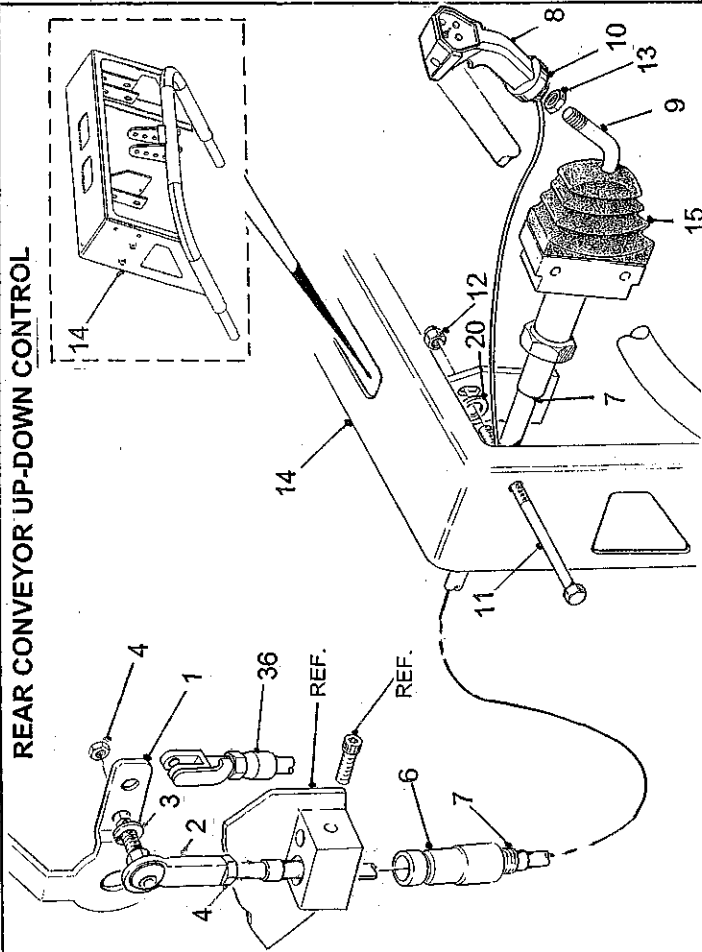


ITEM NO.	PART NO.	DESCRIPTION	QTY
		D.I.Y. HYDRAULIC SYSTEM New Holland	
49	H500580	Hose Assembly. Roll -Up Motor to Return Block	1
50	KH30034	Roll -Up Motor	1
51	KH30007	Main Conveyor Motor	1
52	H500510	Hose Assembly. Bulkhead to Conveyor Motor "B"	1
53	8-070118	No. 8 Bulkhead Nut	2
54	8-8-070060	No. 8 Bulkhead Fitting	2
55	H500554	Hose Assembly. Flow Divider to Bulkhead	1
56	H500525	Hose Assembly. Auto-Steer	1
57	H500526	Hose Assembly. Auto-Steer	1
58	H500522	Hose Assembly. Auto-Steer Guide Shoe Lift Cylinder to Manifold	1
59	H500511	Hose Assembly. Bulkhead to Conveyor Motor "A"	1
60	H500521	Hose Assembly. Manifold to Power Steering Pump	1
61	H500523	Hose Assembly. Manifold to Auto-Steer Guide Shoe Lift Cylinder	1

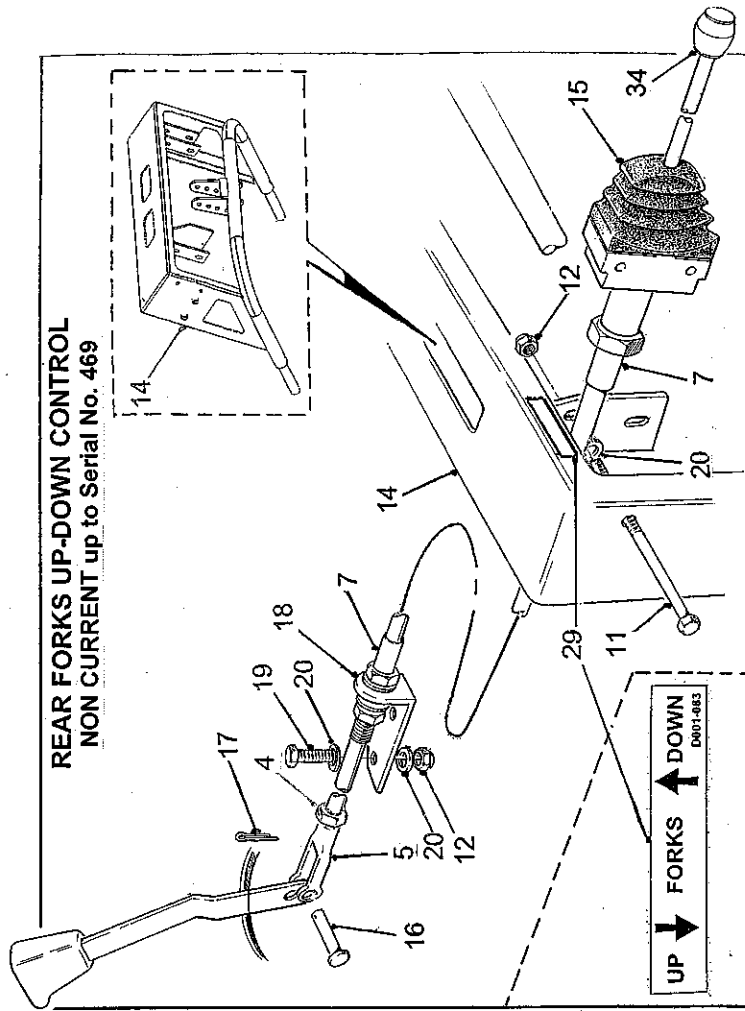


ITEM NO.	PART NO.	DESCRIPTION	QTY
REAR STEERING MOUNT ASSEMBLY AND CONTROLS			
1	KH20096	Steering Unit - D.I.Y.	1
2	KH20070	Steering Column	1
3	H310210	Rear Steering Mount - New Holland	1
	H310311	Rear Steering Mount - John Deere	1
4	F310700	Lockwasher 7/16in	4
5	F040612	Bolt 3/8 unc x 1 1/4 Gr.8	4
6	KM50002	Steering Wheel	1
7	F040416	Bolt 1/4 unc x 1 3/4 Gr. 8	2
8	KM50096	Steering Wheel Cover	1
9	KE70011	Radar Display	2
10	KE80010	Rocker Switch	1
11	KE10021	Reset Push Button Switch	1
12	F230800	Nut 1/2 unc	2
13	F310800	Lockwasher 1/2in	2
14	F320800	Flatwasher 1/2in	2
15	H110962	Mounting Adapter	1
16	F120814	Bolt 1/2 unc x 1 1/2 Gr.8	2
17	KD10041	Micro Adjust Control C/W Cable	1
18	KH20085	Needle Valve - Roll Up	1
19	KH20086	Needle Valve Body	1
20	F040830	Bolt 1/2in unc x 3 Gr.8	2
21	H110976	F-N-R Modified Cover.	1
21A	H510094	F-N-R Control Assembly. See Note 1	1
22	KM31020	Vinyl Cap	1
23	KO00114	'O' Ring	1
24	H510097	Thumbscrew	1
25	D001-088	Decal "Platform Interlock Switch..." - Non Current up to Serial No. 379	1
26	D001-081	Decal "Auto-Stop Restart/Radar OFF-ON..."	1
27	KE60014	F-N-R Extension Cable	1
28	KN00083	F-N-R Control Handle. - Non Current up to Serial No. 414	1
29	H111205	F-N-R Control Handle. Modified - Current from Serial No. 415	1
30	KE80023	Mini Push Button Switch - Current from Serial No. 415	1
31	D001-122	Decal "Transmission Interlock. F-N-R Handle - Current from Serial No. 415	1
NOTE See Page 28 for the John Deere F N-R Control Handle Assembly.			
NOTE 1 Item 21A does not include Item 28 - F-N-R Control Handle. To order Item 28 - F-N-R Control Handle contact your nearest New Holland dealer and quote part number - 5170415. Go to www.newholland.com to locate your nearest dealer.			

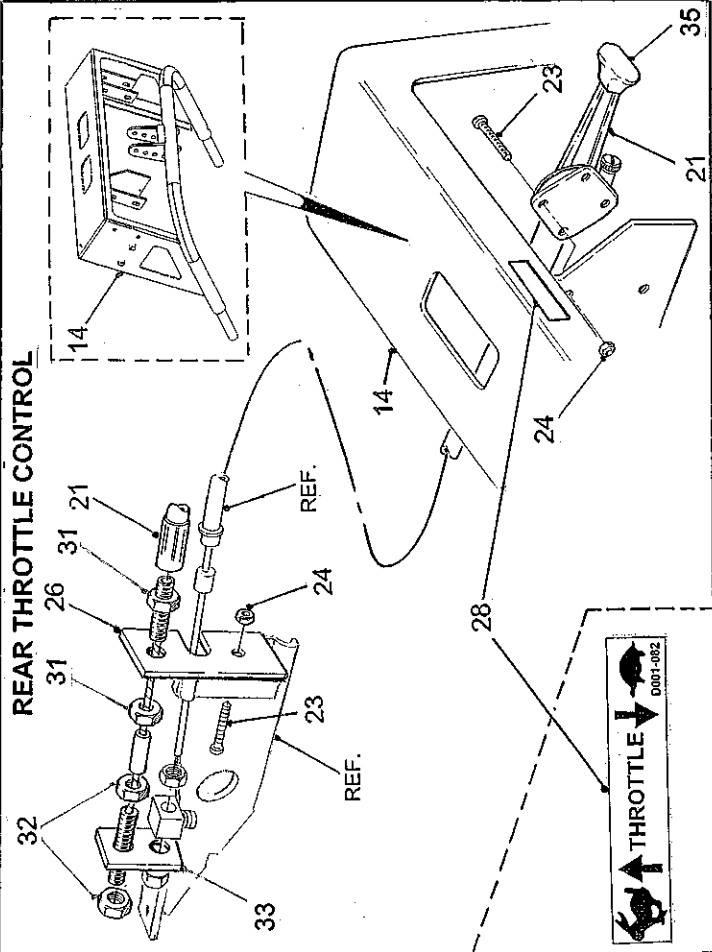
REAR CONVEYOR UP-DOWN CONTROL



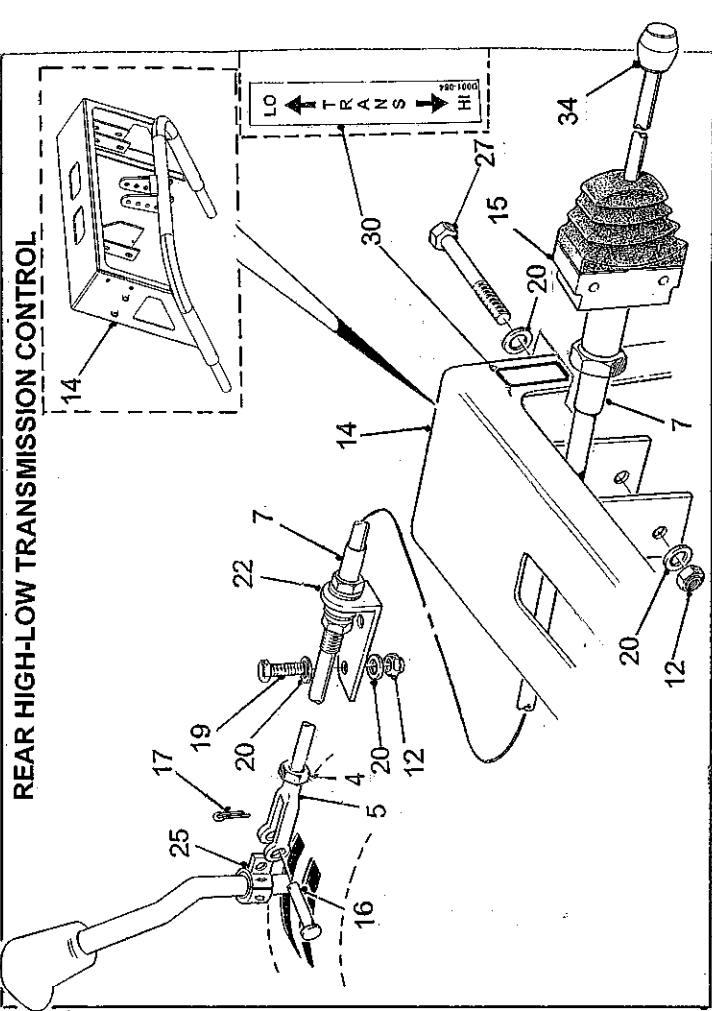
REAR FORKS UP-DOWN CONTROL NON CURRENT up to Serial No. 469



REAR THROTTLE CONTROL



REAR HIGH-LOW TRANSMISSION CONTROL



ITEM NO.	PART NO.	DESCRIPTION	QTY
REAR CONTROL ASSEMBLIES CONVEYOR, FORKS, THROTTLE, TRANSMISSION			
1	H310127	Joystick Mount	1
2	KB03004	Rod End 1/4in.	1
3	F310400	Lockwasher 1/4	1
4	F230450	N.F. Hex Nut 1/4	4
5	KD10026	Clevis c/w Pin & Cotter Pin	2
6	H110904	Cable Adapter	1
7	KD10042	Control Cable D.I.Y. (Forks, Conveyor Lift/Lower, High/Low)	3
8	H510123	Joystick Control (See /Note)	1
9	H110954	Handle Extension	1
10	H110955	Adapter	1
11	F040550	Bolt 5/16 unc x 5 Gr.8	2
12	F210500	Locknut 5/16 unc	8
13	F220700	Jam Nut 7/16 unc	1
14	H301137	Control Mount 16/18in	1
	H301160	Control Mount 24in	1
15	KD10027	Control Handle Assembly	3
16	KX08015	Clevis Pin	2
17	F940056	Cotter Pin	2
18	H110956	Mounting Bracket Forks Up/Down Cable - See Note 1	1
19	F040510	Bolt 5/16 unc x 1 Gr.8	4
20	F320500	Flatwasher 5/16	12
21	KD10043	Throttle Lever C/W Cable	1
22	H110910	Mounting Bracket Transmission High/Low Cable	1
23	F580206	Bolt - 10 unc x 3/4 Pan Head	3
24	F210200	Locknut 10 unc	3
25	H310211	Cable Connector	1
26	H110932	Mounting Bracket Throttle Cable	1
27	F040526	Bolt 5/8 unc x 2 3/4 Gr.8	2
28	D001-082	Decal "Throttle"	1
29	D001-083	Decal "Forks Up/Down"	1
30	D001-084	Decal "Transmission High/Low"	1
31	F220650	Jam Nut 3/8 N.F.	2
32	F230250	Hex Nut 10-32	2
33	H110912	Mounting Lug. Throttle Cable	1
34	KM99055	Knob	1
35	KM10026	Knob. Throttle	1
36	KN00006	Cable	1

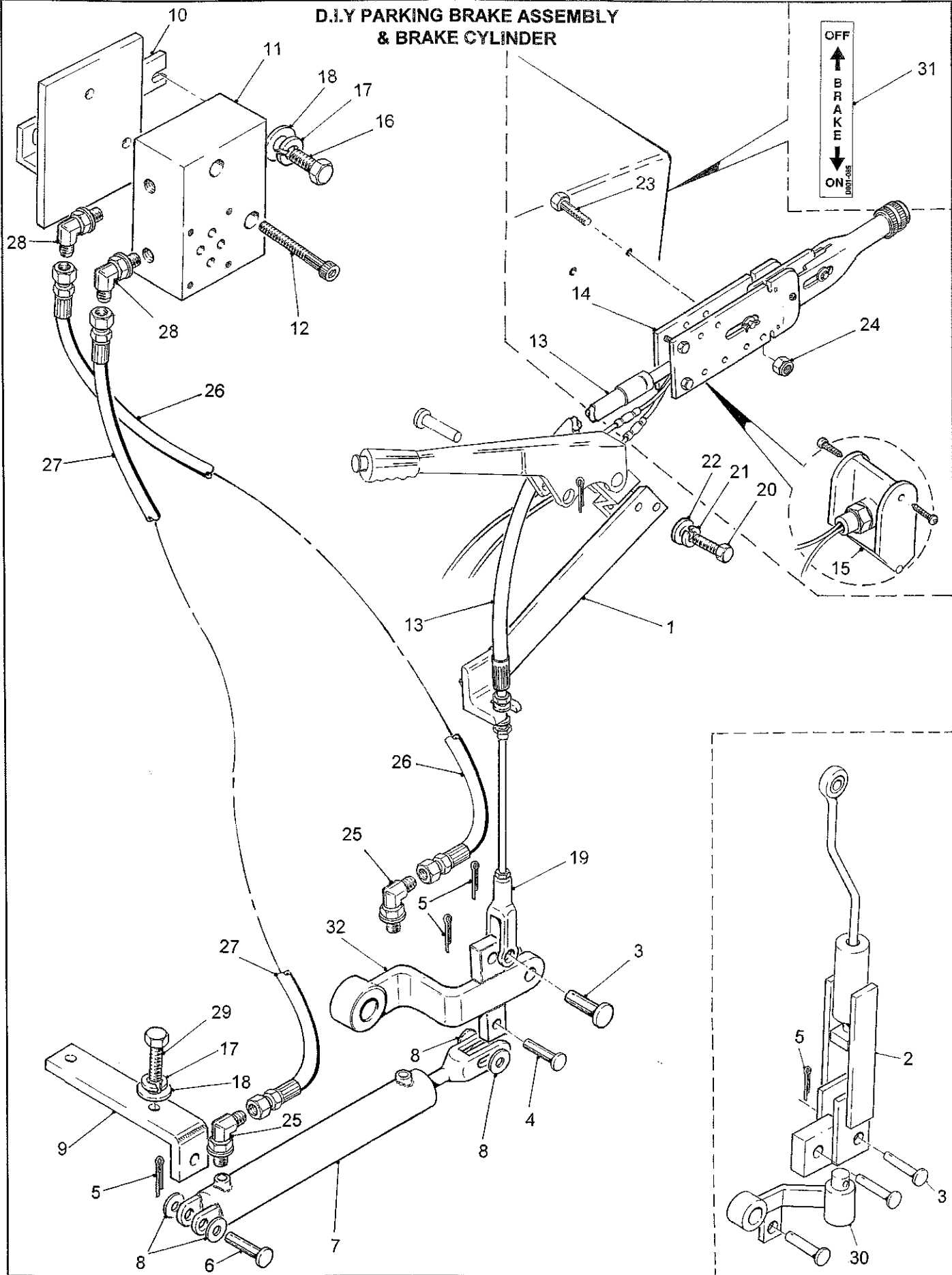
NOTE

See Section 5, Page 3 for Joystick Control Handle Assembly.

NOTE 1

See Page 21 for the Heavy Duty Forks Lever Assembly. Current from Serial No. 470.

D.I.Y PARKING BRAKE ASSEMBLY & BRAKE CYLINDER

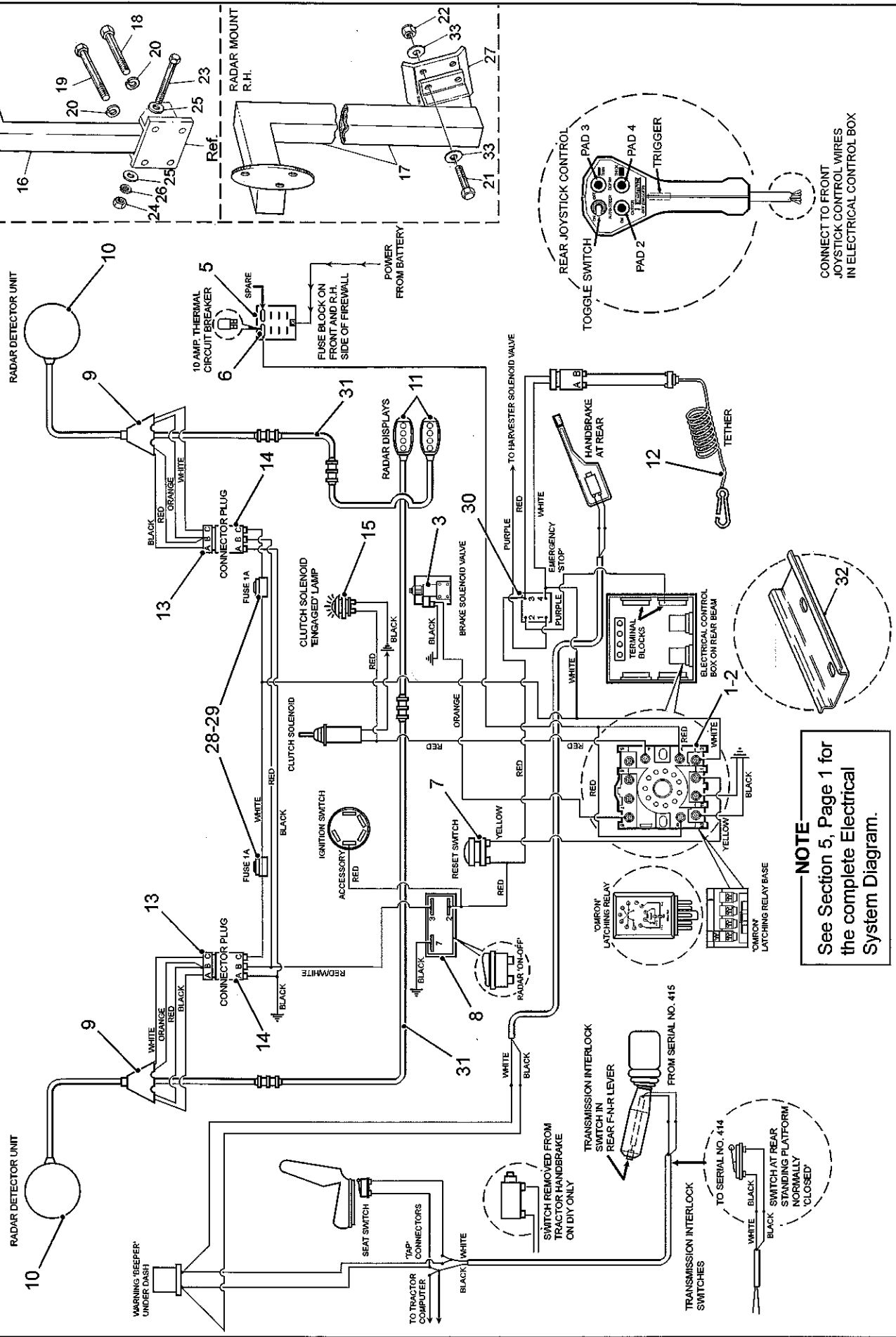


ITEM NO.	PART NO.	DESCRIPTION	QTY
D.I.Y PARKING BRAKE ASSEMBLY & BRAKE CYLINDER			
1	H310224	Cable Anchor	1
2	H310212	Parking Brake Link - Non Current up to Serial No. 308	1
3	KX06007	Clevis Pin 3/8 x 7/8	1
4	KX05006	Clevis Pin 5/16 x 13/16	1
5	F940056	Cotter Pin	4
6	KX08015	Clevis Pin 1/2 x 1 5/8	2
7	KH31004	Brake Cylinder	1
8	F320800	Flatwasher 1/2	4
9	H310218	Brake Cylinder Mount	1
10	H310226	Brake Manifold Mount	1
11	KH20099	Brake Manifold	1
12	F180930	Bolt 1/4 unc x 3 Hex Soc.	2
13	KD10039	Brake Cable Rear Steering Console	1
14	KD10040	Brake Lever	1
15	KE80019	Micro Switch	1
16	G0112020	Bolt M12 x 1.75 x 20 metric	2
17	G311200	Lockwasher M12 metric	4
18	G321200	Flatwasher M12 metric	4
19	KD10026	Clevis c/w Pin & Cotter Pin	1
20	G0710035	Bolt M10 x 1.25 x 35 metric	2
21	G311000	Lockwasher M10 metric	2
22	G321000	Flatwasher M10 metric	2
23	F040512	Bolt 5/16 unc x 1 1/4 Gr.8	2
24	F210500	Locknut 5/16 unc	2
25	6- 4- 070220	No. 6 Tube to No. 4 "O"Ring 90 Deg. Elbow	2
26	H500610	Hose Assembly Brake Return	1
27	H500609	Hose Assembly Brake Pressure	1
28	6- 6- 070220	No. 6 Tube to No. 6 "O"Ring 90 Deg. Elbow	2
29	G0712030	Bolt M12 x 1.25 x 30 metric	2
30	Ref.	Lever Arm - Non Current up to Serial No. 308	1
31	D001-085	Brake 'ON-OFF' Decal	1
32	Ref.	Lever Arm - Current from Serial No. 309	1
33	KH20071	Solenoid Valve. Brake (not illustrated)	1
34	KH70048	Seal Kit. Solenoid Valve Brake (not illustrated)	1

NOTE

See Section 8, Page 1 for complete
D.I.Y. Hydraulic System.

D.I.Y. ELECTRICAL DIAGRAM - NEW HOLLAND **Non Current up to Serial No. 719**



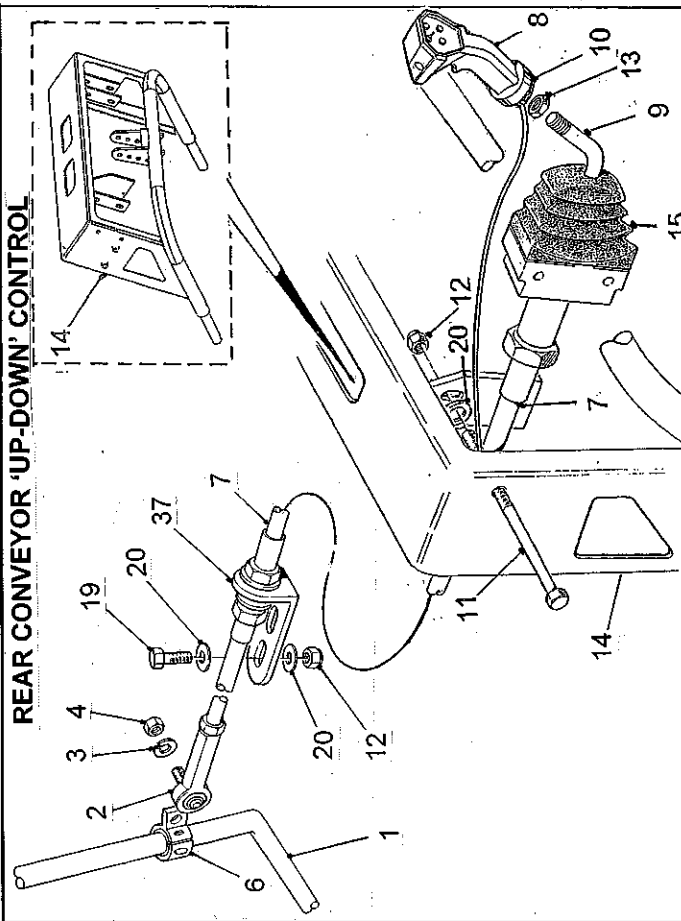
NOTE
 See Section 5, Page 1 for the complete Electrical System Diagram.

ITEM NO.	PART NO.	DESCRIPTION	QTY
D.I.Y. ELECTRICAL DIAGRAM NEW HOLLAND Non Current up to Serial No. 719			
1	KE10089	Latching Relay	1
2	KE10090	Base - Latching Relay	1
3	KH20044	Brake Solenoid Valve	1
4	H110972	Clutch Solenoid	1
5	KH10060	Fuse Block	1
6	KH10129	Circuit Breaker 10A	1
7	KE10021	Reset Push Button Switch	1
8	KE80010	Radar Switch " ON - OFF"	1
9	KE70009	Radar System	2
10	KE70010	Radar Sensor	2
11	KE70011	Radar Display	2
12	KE80016	Tether Cord	1
13	KE10108	Connector - 3 Way Male	2
14	KE10109	Connector - 3 Way Female	2
15	KE90003	Warning Light	1
16	H301169	Radar Mount LH	1
17	H301170	Radar Mount RH	1
18	G0120070	Bolt M20 x 2.5 x 70 - metric	2
19	G0120090	Bolt M20 x 2.5 x 90 - metric	2
20	G312000	Lockwasher M20 - metric	4
21	F040510	Bolt 5/16 unc x 1 Gr.8	4
22	F210500	Locknut 5/16 unc	4
23	F040840	Bolt 1/2 unc x 4 Gr.8	2
24	F230800	Nut 1/2 unc	2
25	F320800	Washer 1/2	4
26	F310800	Lockwasher 1/2	2
27	H101580	Radar Mount Bracket	1
28	KE10133	Fuse Holder	2
29	KE10132	1 Amp Fuse	2
30	KE80014	Switch. Emergency Shut Off	1
31	KE70013	Cable. Radar	2
32	H111287	Base Mount. Latching Relay	1
33	F320500	Flatwasher 5/16	8

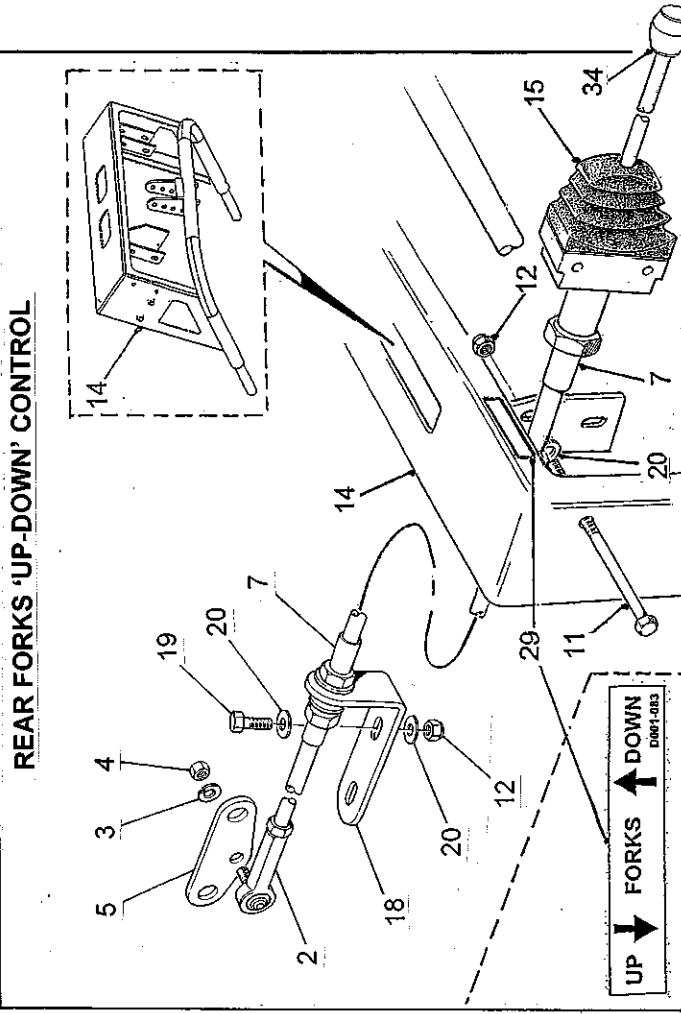
NOTE

See Section 5, Page 1 for
complete Electrical System
Diagram.

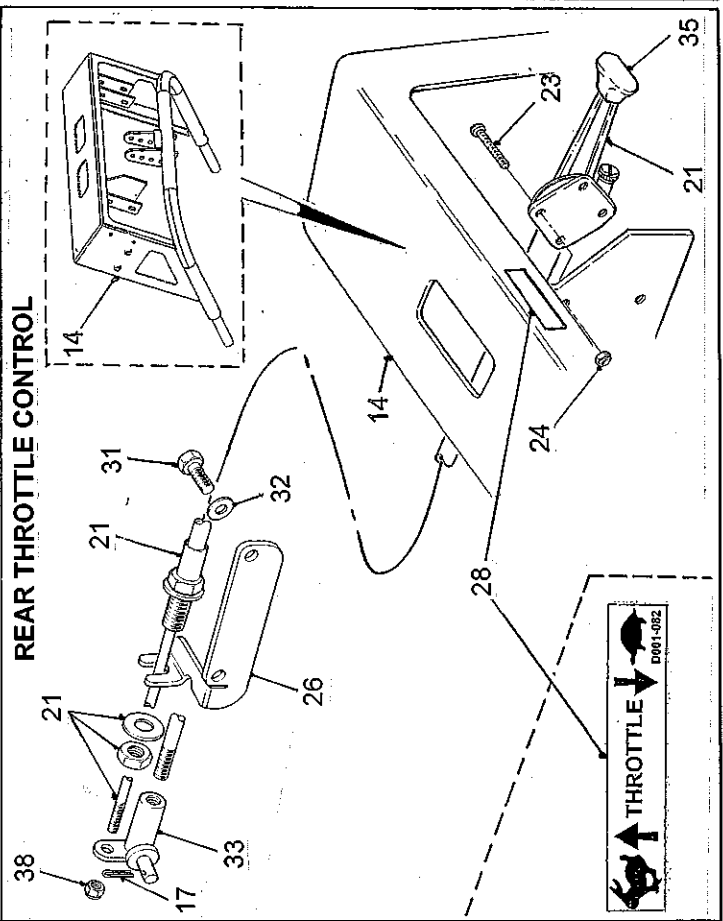
REAR CONVEYOR 'UP-DOWN' CONTROL



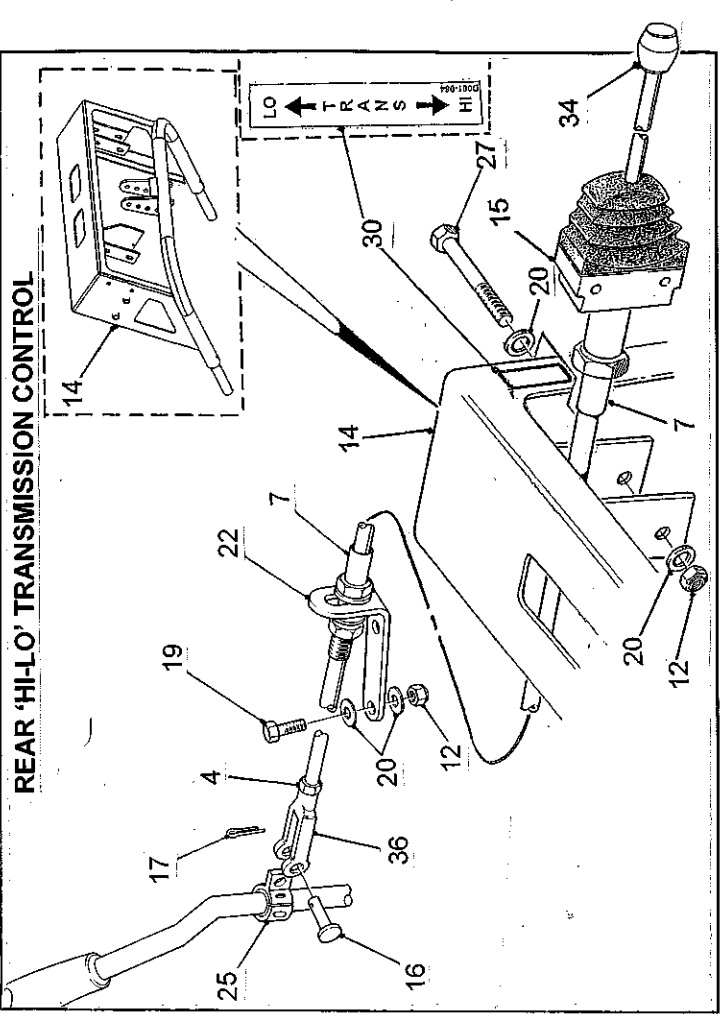
REAR FORKS 'UP-DOWN' CONTROL



REAR THROTTLE CONTROL



REAR 'HI-LO' TRANSMISSION CONTROL

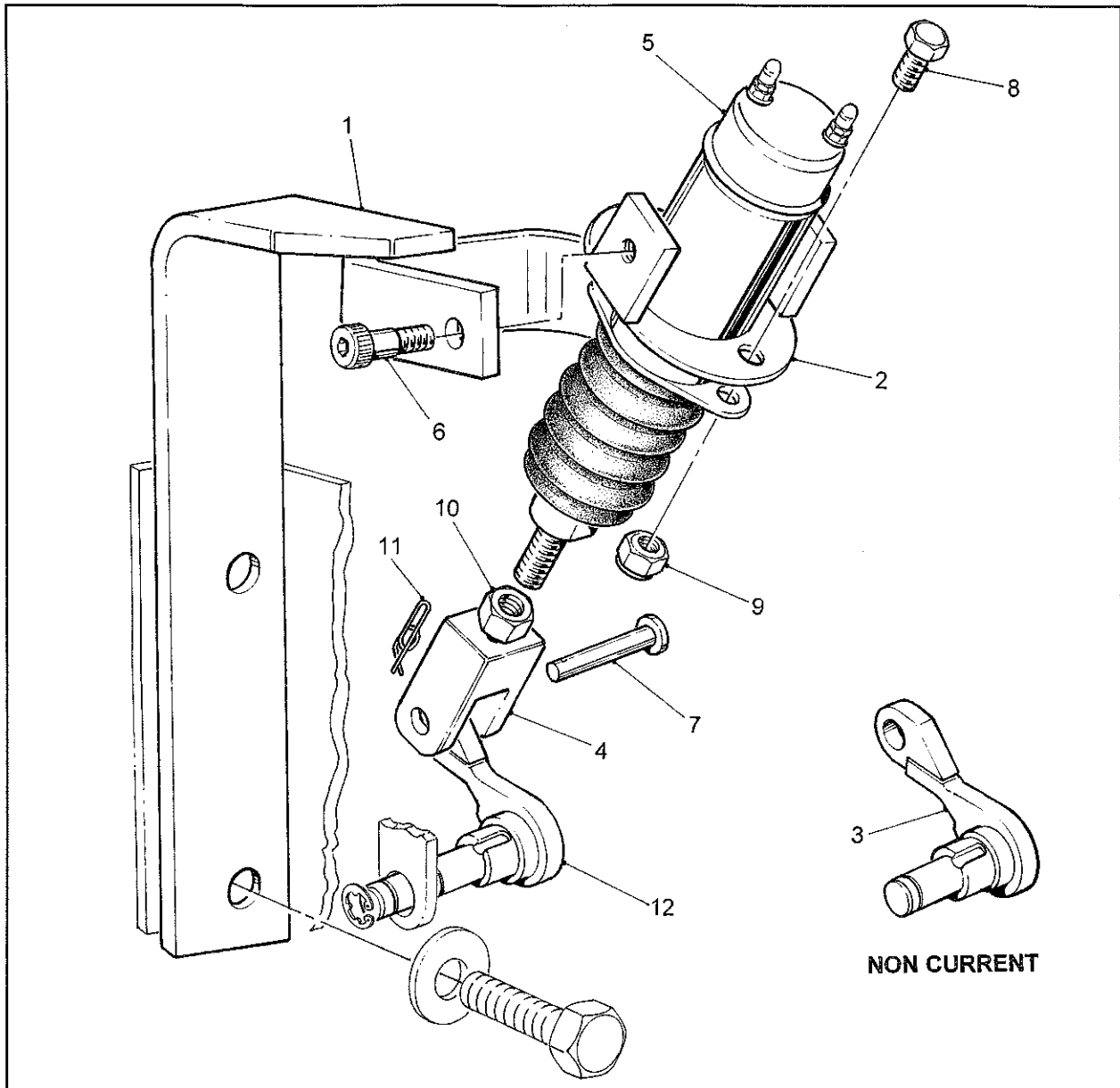


ITEM NO.	PART NO.	DESCRIPTION	QTY
REAR CONTROL ASSEMBLIES CONVEYOR, FORKS, THROTTLE, TRANSMISSION JOHN DEERE			
1	Ref.	Joystick Mount	1
2	KB03004	Rod End 1/4	2
3	F310400	Lockwasher 1/4	1
4	F230450	N.F. Hex Nut 1/4	4
5	H111309	Cable Connector - Forks Control	1
6	H310303	Cable Connector - Conveyor 'Up-Down'	1
7	KD10042	Control Cable D.I.Y. (Forks, Conveyor Lift/Lower, High/Low)	3
8	H510123	Joystick Control (See /Note)	1
9	H110954	Handle Extension	1
10	H110955	Adapter	1
11	F040550	Bolt 5/16 unc x 5 Gr.8	2
12	F210500	Locknut 5/16 unc	8
13	F220700	Jam Nut 7/16 unc	1
14	H301137	Control Mount 16/18in	1
	H301160	Control Mount 24in	1
15	KD10027	Control Handle Assembly	3
16	KX08015	Clevis Pin	2
17	F940056	Cotter Pin	2
18	H111313	Mounting Bracket - Forks Up/Down Cable	1
19	F040510	Bolt 5/16 unc x 1 Gr.8	4
20	F320500	Flatwasher 5/16	12
21	KD10043	Throttle Lever C/W Cable	1
22	H111311	Mounting Bracket - Transmission High/Low Cable	1
23	F580206	Bolt - 10 unc x 3/4 Pan Head	3
24	F210200	Locknut 10 unc	3
25	H310304	Cable Connector - Transmission High/Low Cable	1
26	H111310	Cable Bracket - Throttle Cable	1
27	F040526	Bolt 5/8 unc x 2 3/4 Gr.8	2
28	D001-082	Decal "Throttle"	1
29	D001-083	Decal "Forks Up/Down"	1
30	D001-084	Decal "Transmission High/Low"	1
31	G0208020	Bolt - M8 x 1.25 x 20 (Metric)	2
32	F320500	Flatwasher 5/16	2
33	H310308	Throttle Fitting	1
34	KM99055	Knob	1
35	KM10026	Knob. Throttle	1
36	KD10025	Clevis c/w Pin & Cotter Pin	1
37	H111312	Cable Anchor - Conveyor 'Up-Down'	1

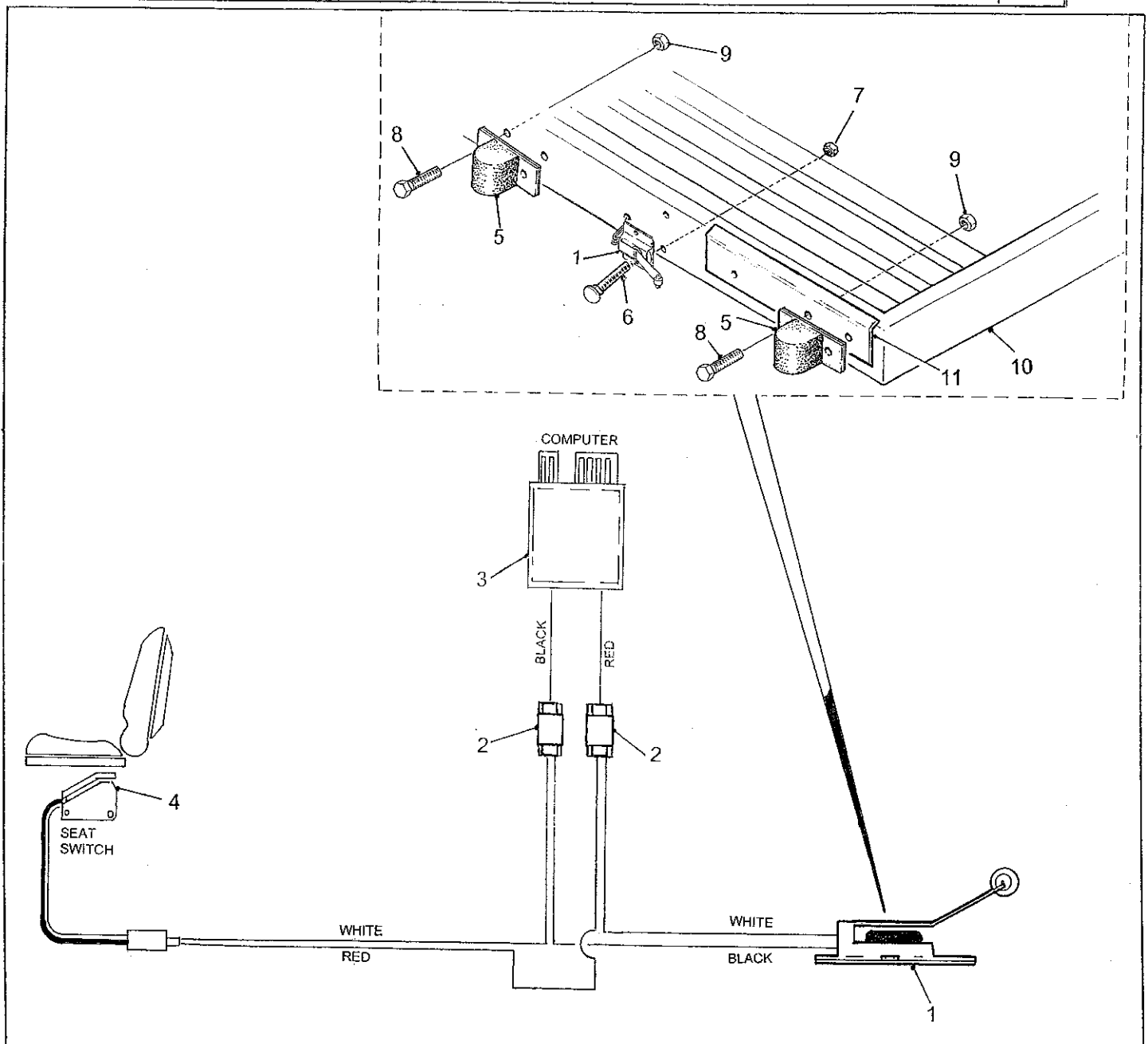
NOTE

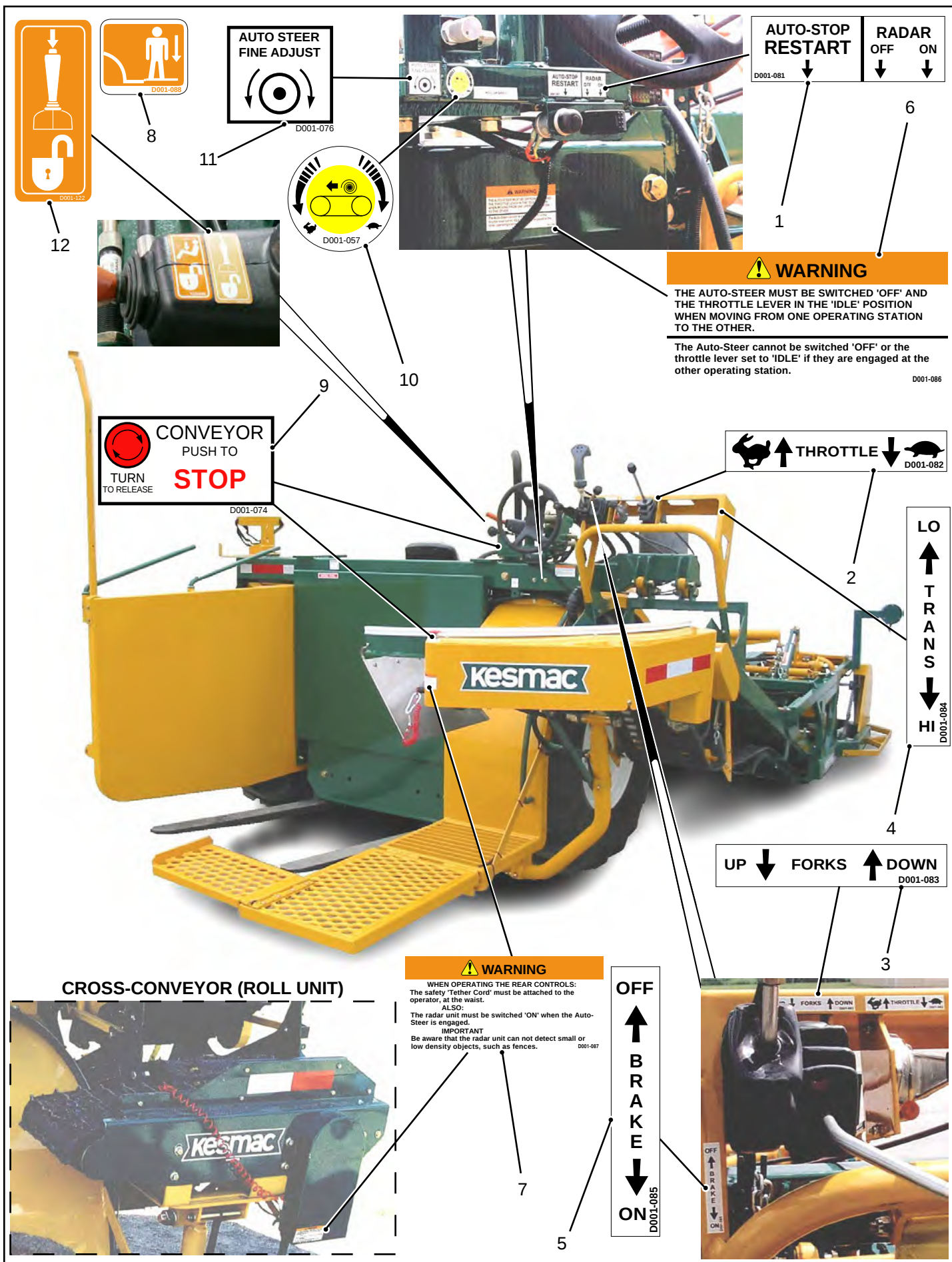
See Section 5, Page 3 for Joystick Control Handle Assembly.

ITEM NO.	PART NO.	DESCRIPTION	QTY
DE-CLUTCHING SOLENOID ASSEMBLY			
1	H310216	Mounting Bracket	1
2	H310217	Mounting Trunnion	1
3	H310223	Clutch Potentiometer Yoke/Shaft - Non Current. TN65 tractors only	1
4	H110969	Clevis Yoke	1
5	H110972	Solenoid - De-Clutch	1
6	F770503	Shoulder Bolt 5/16 unc x 3/8	2
7	KX03001	Clevis Pin 1/4	1
8	F040406	Bolt 1/4 unc x 3/4 Gr.8	2
9	F210400	Locknut 1/4 Unc	2
10	F230458	Nut 1/4 unf Gr.8	1
11	F940005	Locking Cotter Pin	1
12	H310275	Clutch Potentiometer Yoke/Shaft - Current. TN70A tractors only	1

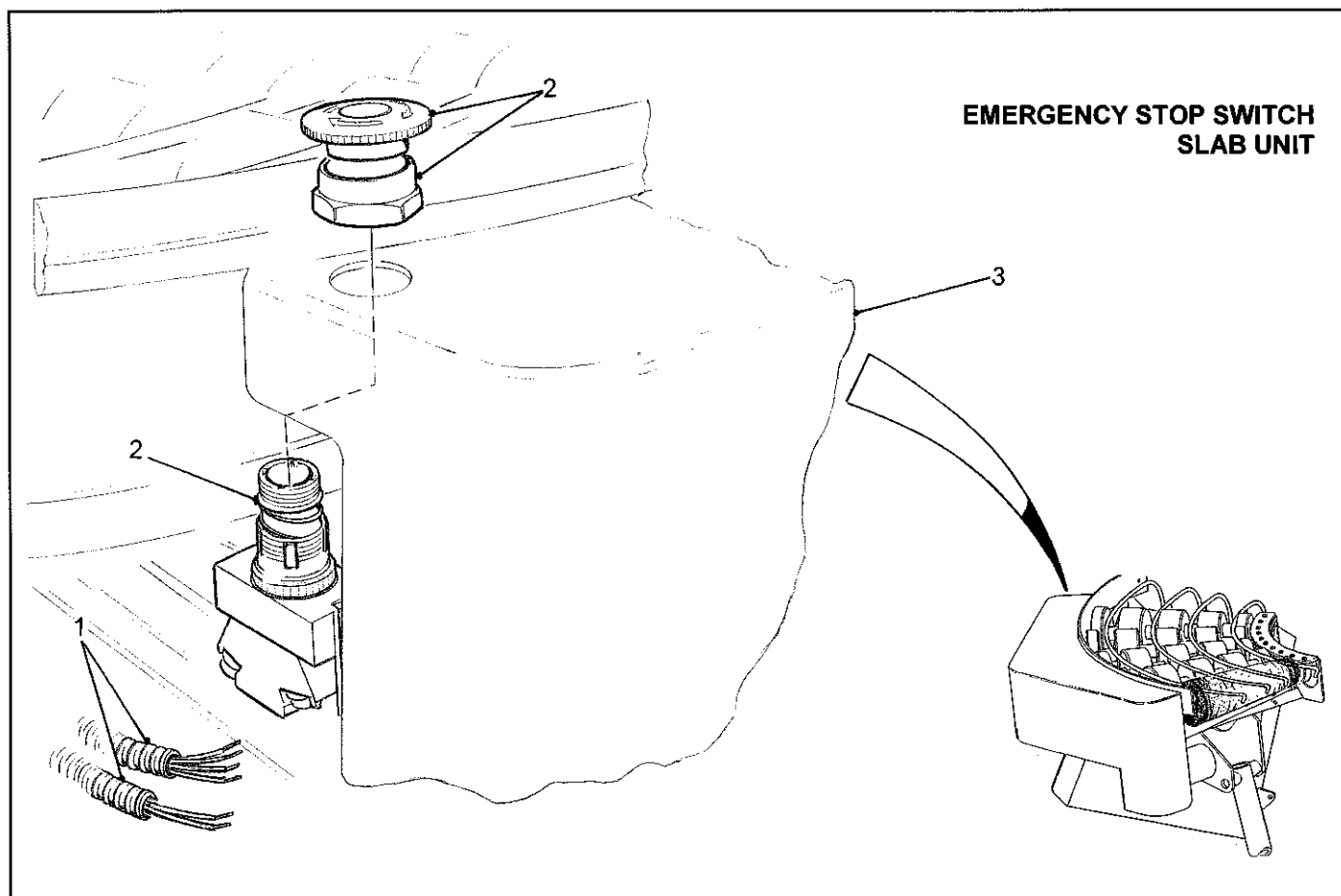
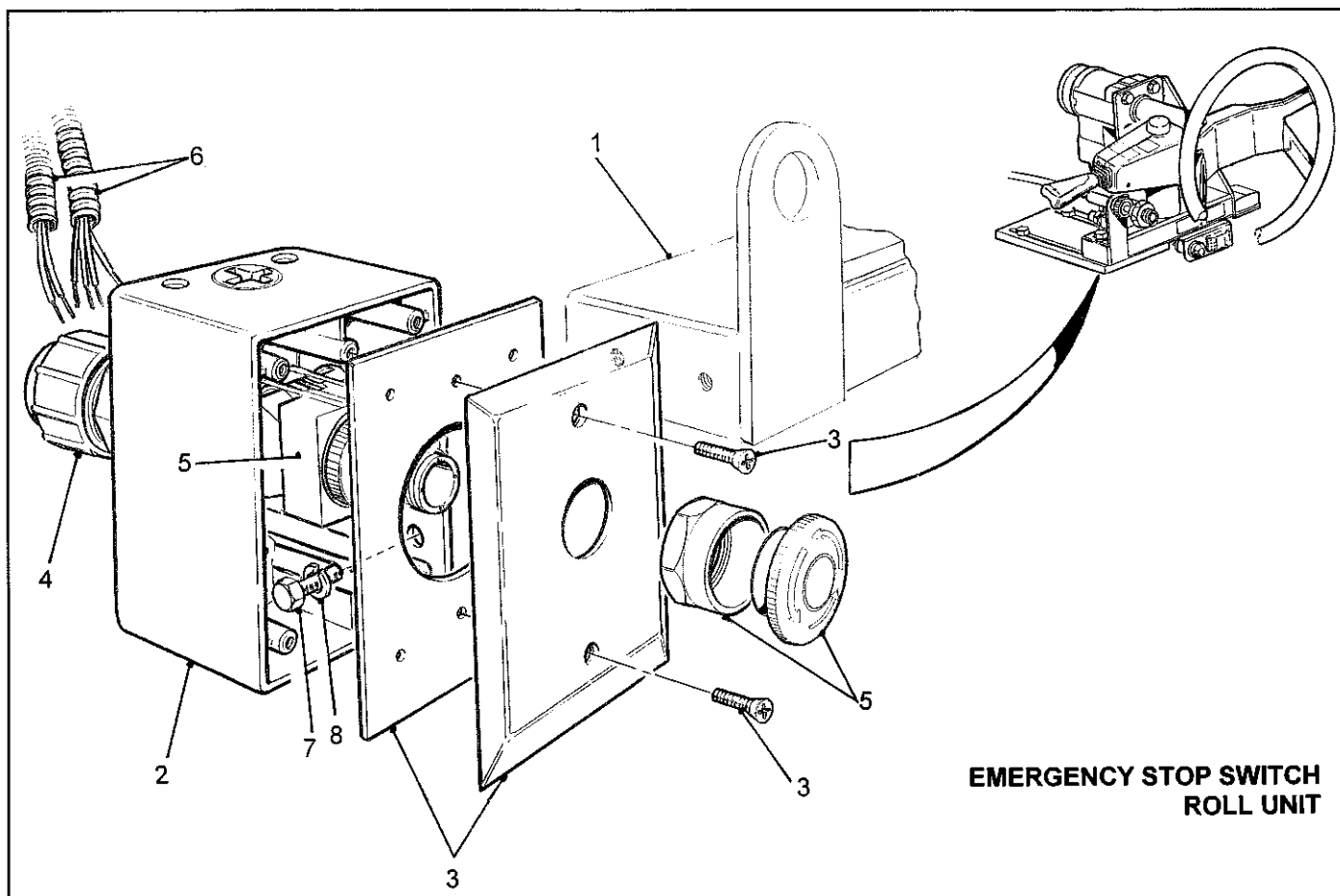


ITEM NO.	PART NO.	DESCRIPTION	QTY
TRANSMISSION INTERLOCK SWITCHES			
1	KE80005	Limit Switch	1
2	KE10130	Tap Connectors	2
3	Ref.	Computer (Tractor Part)	1
4	Ref.	Seat Switch (Tractor Part)	1
5	KS60001	Rebound Bumper	2
6	F020510	Bolt 1/4 unc x 1 Carriage	2
7	F230400	Nut 1/4 unc	2
8	F040720	Bolt 7/16 unc x 2 Gr.8	2
9	F210700	Nut 7/16 unc	2
10	Ref.	Right Rear Fender Platform	Ref.
11	H110975	Wire Guard	1





ITEM NO.	PART NO.	DESCRIPTION	QTY
D.I.Y. DECALS			
1	D001-081	Decal - "Auto-Stop Restart..."	1
2	D001-082	Decal - "Throttle"	1
3	D001-083	Decal - "Forks Up / Down"	1
4	D001-084	Decal - "Transmission Low / High"	1
5	D001-085	Decal - "Brake Off / On"	1
6	D001-086	Decal - "The Auto-Steer must be switched..."	1
7	D001-087	Decal - "When Operating The Rear Controls..."	1
8	D001-088	Decal - "Platform Interlock Switch" - Non Current up to Serial No. 379	1
9	D001-074	Decal - "Conveyor Push To Stop..."(Slab Unit Only)	1
10	D001-057	Decal - "Cross Conveyor Speed" (Roll Unit Only)	1
11	D001-076	Decal - "Auto Steer Fine Adjust"	1
12	D001-122	Decal - "Transmission Interlock. F-N-R Handle" - Current from Serial No. 415	1
NOTE Refer to Section 6, Page 15, for 2150 Model Safety Decals and Section 6, Page 19, for 2200 Model Safety Decals.			



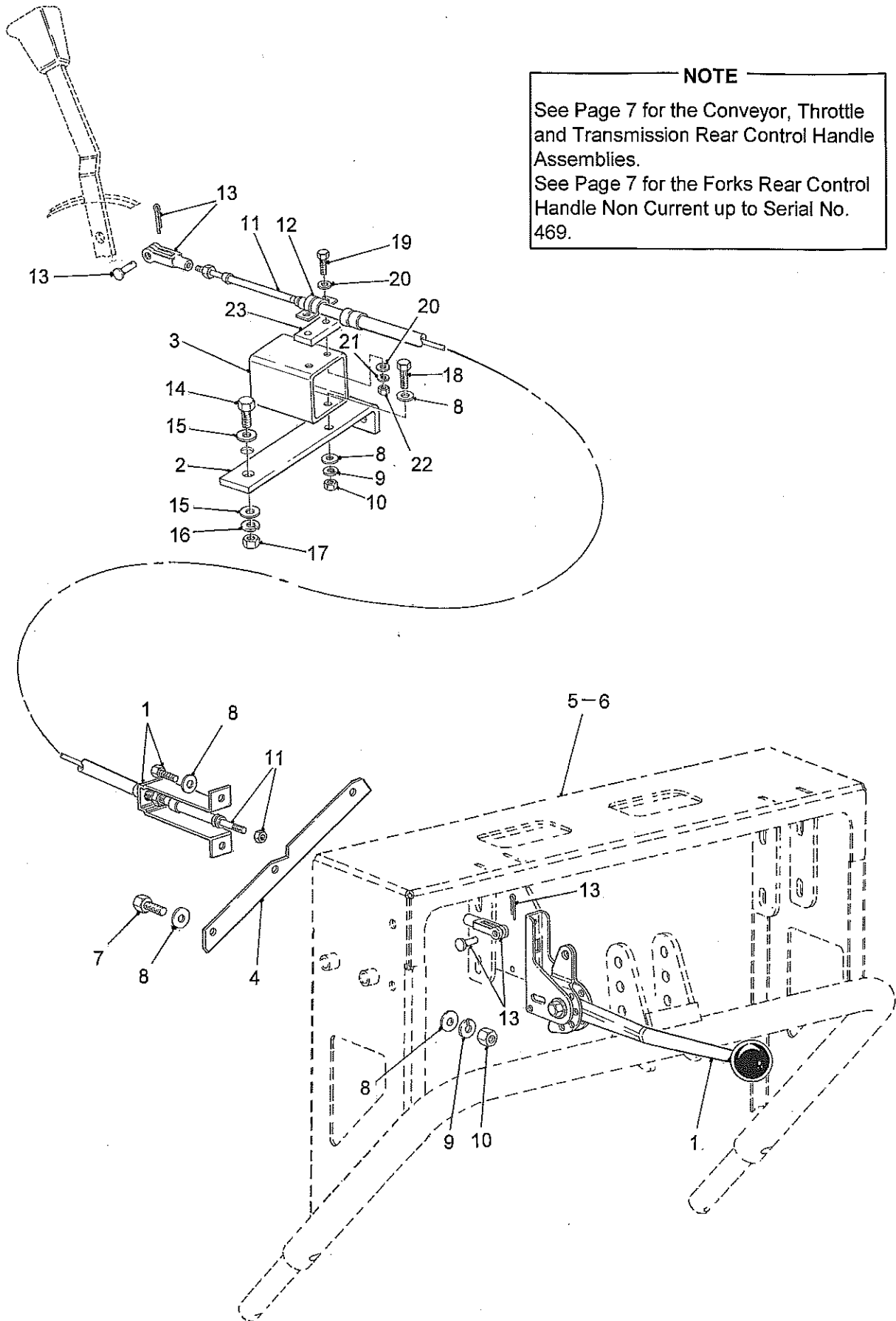
ITEM NO.	PART NO.	DESCRIPTION	QTY
EMERGENCY STOP SWITCH ROLL UNIT NON CURRENT UP TO SERIAL NO. 646			
1	Ref.	Rear Steering Mount	1
2	H111089	Outlet Box	1
3	H510103	Outlet Cover Assembly	1
4	KE10142	Strain Relief. 1/2	1
5	KE80014	Switch. Emergency Shut Off	1
6	Q8210	Loom. 1/4 (Order by the foot.)	A/R
7	F040410	Bolt 1/4 unc x 1 Gr.8	2
8	F310400	Lockwasher 1/4	2
NOTE Item 3 - Outlet Cover Assembly includes; cover, gasket & 2 screws.			

ITEM NO.	PART NO.	DESCRIPTION	QTY
EMERGENCY STOP SWITCH SLAB UNIT			
1	Q8210	Loom. 1/4 (Order by the foot.)	A/R
2	KE80014	Switch. Emergency Shut Off	1
3	Ref.	Guard. Curved Conveyor	1

NOTE

See Page 7 for the Conveyor, Throttle and Transmission Rear Control Handle Assemblies.

See Page 7 for the Forks Rear Control Handle Non Current up to Serial No. 469.



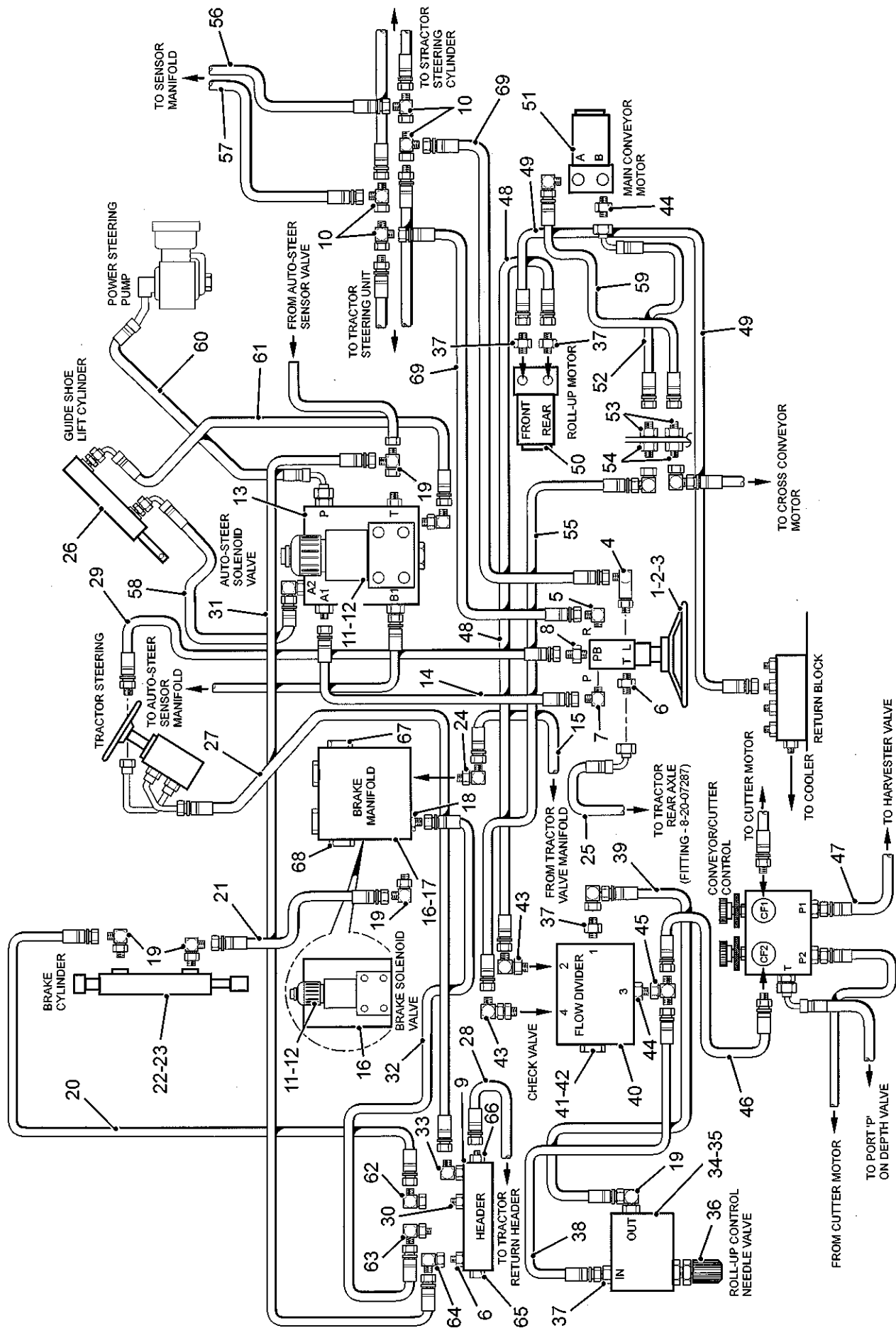
ITEM NO.	PART NO.	DESCRIPTION	QTY
REAR CONTROL ASSEMBY HEAVY DUTY FORKS LEVER - Current from Serial No. 470			
1	H510174	Fork Lever Assembly	1
2	H111257	Cable Anchor. Reinforcement	1
3	H111258	Cable Mount	1
4	H111260	Brace	1
5	H301137	Control Mount. 16/18 in.	1
6	H301160	Control Mount. 24 in.	1
7	F040510	Bolt 5/16 unc x 1 Gr.8	4
8	F320500	Flatwasher 5/16	10
9	F310500	Lockwasher 5/16	5
10	F230500	Nut 5/16 unc	5
11	KD10050	Control Cable. Forks Lever	1
12	KD10051	Clamp. Forks Lever	1
13	KX05031	Clevis c/w Cotter & Pin	2
14	F040612	Bolt 3/8 unc x 1 1/4 Gr.8	1
15	F320600	Flatwasher 3/8	2
16	F310600	Lockwasher 3/8	1
17	F230600	Nut 3/8 unc	1
18	F040512	Bolt 5/16 unc x 1 1/4 Gr.8	2
19	F040410	Bolt 1/4 unc x 1 Gr.8	2
20	F320400	Flatwasher 1/4	4
21	F310400	Lockwasher 1/4	2
22	F230400	Nut 1/4 unc	2
23	H111259	Spacer	1

NOTE

See Page 7 for the Conveyor, Throttle and Transmission Rear Control Handle Assemblies.

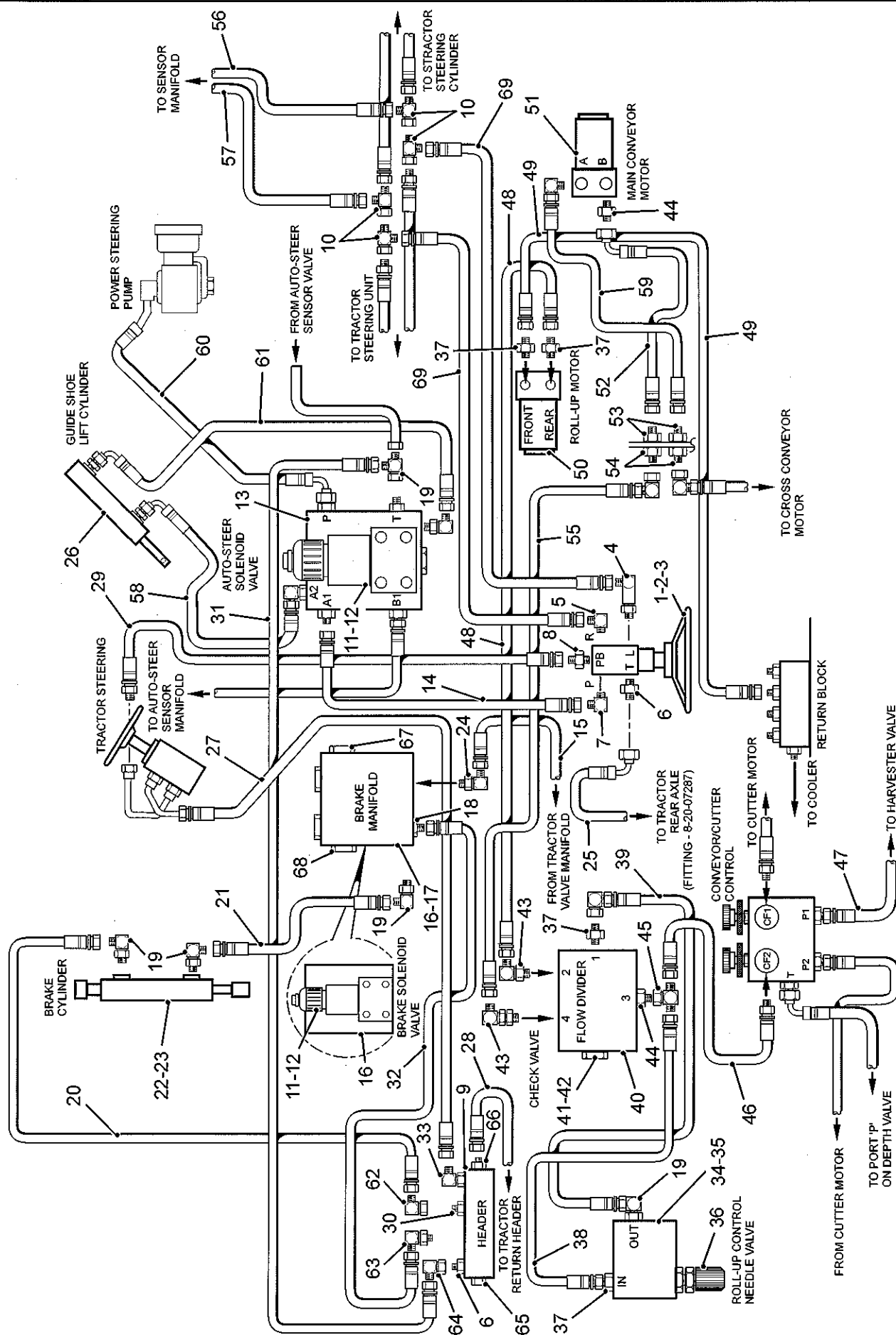
See Page 7 for the Forks Rear Control Handle Non Current up to Serial No. 469.

D.I.Y. HYDRAULIC SYSTEM - John Deere



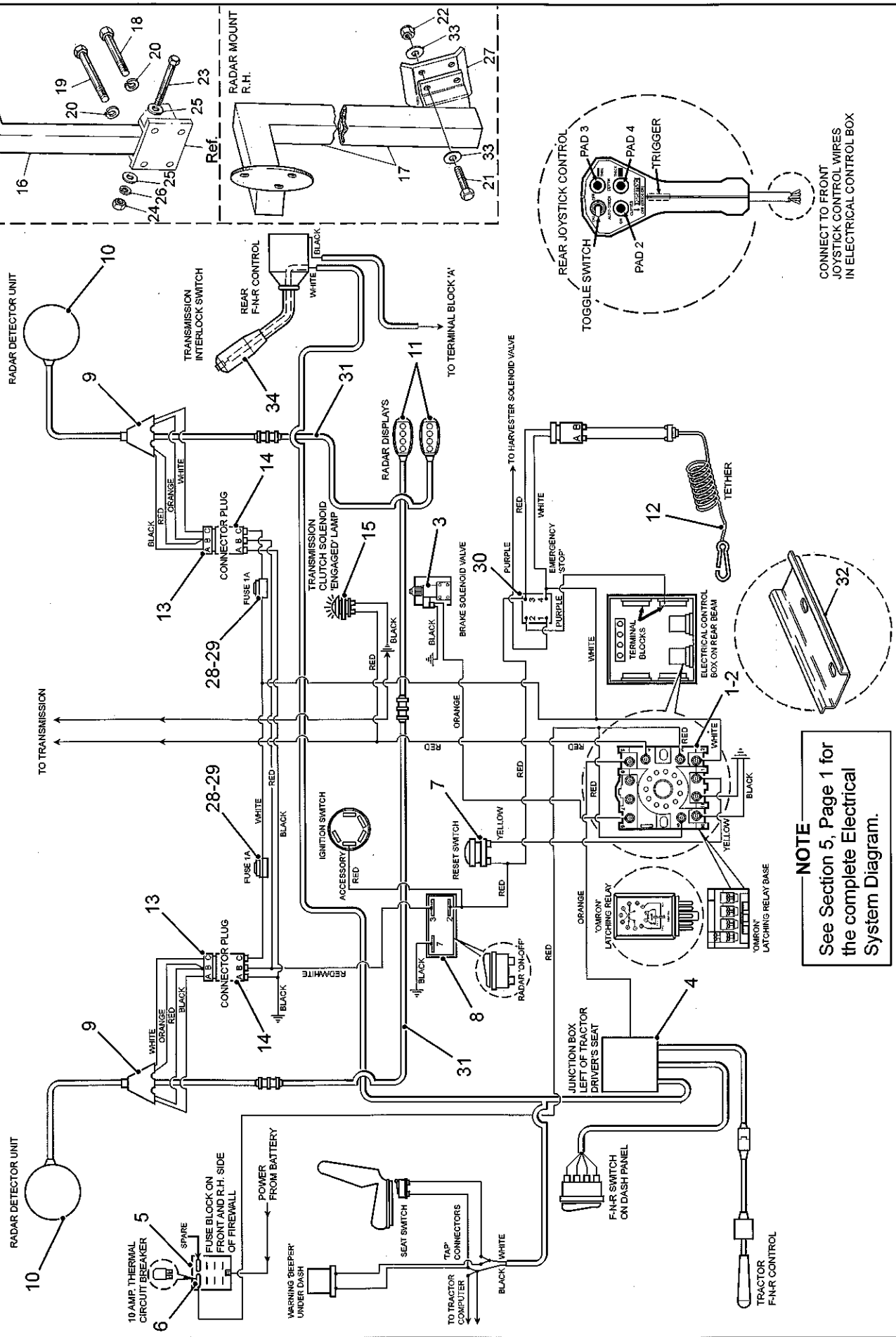
ITEM NO.	PART NO.	DESCRIPTION	QTY
D.I.Y. HYDRAULIC SYSTEM			
John Deere			
1	KH20096	Steering Unit	1
2	KH20068	Priority Valve	1
3	KH70005	'O' Ring Seal Kit Priority Valve to Steering Unit	1
4	6- 8- 071620	No. 6 Tube to No. 8 'O' Ring Connector (Lg. Drop)	1
5	6- 8- 070220	No. 6 Tube to No. 8 'O' Ring 90 deg. Elbow	2
6	8- 8- 070120	No.8 Connector Str. Thread	2
7	10- 10- 070220	No. 10 Tube to No. 10 'O' Ring 90 Deg. Elbow	1
8	10- 10- 070120	No. 10 'O' Ring Connector Str. Thread	1
9	KH20166	Harvester Return Header	1
10	8- 8- 8- 520432	No. 8 'O' Ring Face Seal SAE Swivel Tee	4
11	KH20071	Selector Valve	2
12	KH70048	Seal Kit. Per. Selector Valve	1
13	H500007	Manifold (See Auto-Steer Section Page 9)	Ref
14	H500606	Hose Assembly. Auto-Steer Manifold to Steering Unit	1
15	H500662	Hose Assembly. Supply Pressure to Brake Manifold	1
16	KH20099	Brake Manifold	1
17	KH70059	Seal Kit - Brake Manifold	1
18	6- 6- 070120	No. 6 Tube to No. 6 'O' Ring Connector	1
19	6- 6- 070220	No. 6 Tube to No. 6 'O' Ring 90 Deg. Elbow	5
20	H500665	Hose Assembly. Brake Return	1
21	H500664	Hose Assembly. Brake Pressure	1
22	H510216	Brake Cylinder	1
23	KH70039	Seal Kit - Brake Cylinder	1
24	8- 10- 070220	No. 8 Tube to No. 10 'O' Ring 90 Deg. Elbow	1
25	H500608	Hose Assembly. Rear Steering Return	1
26	H500014	Lift Cylinder. Guide Shoe	1
	KH70039	Seal Kit. Lift Cylinder. Guide Shoe	1
27	H500666	Hose Assembly. Tractor Steering Unit Return to Harvester Header	1
28	H500667	Hose Assembly. Harvester Header to Tractor Return Header	1
29	H500607	Hose Assembly. Power Beyond Rear Steering	1
30	6- 8- 070120	No. 6 Tube to No. 8 Straight Thread Connector	1
31	H500668	Hose Assembly. Auto-Steer Selector to Harvester Header	1
32	H500663	Hose Assembly. Brake Manifold to Harvester Header	1
33	8- 8- 070220	No. 8 Tube to No. 8 'O' Ring 90 Deg. Elbow	2
34	KH20086	Valve Body Roll - Up	1
35	KH70060	Seal Kit. Roll - Up Valve	1
36	KH20085	Needle Valve. Roll - Up	1
37	6- 6- 070120	No. 6 'O' Ring Connector Str. Thread	4
38	H500612	Hose Assembly. Flow Divider to Roll - Up Valve Body	1
39	H500613	Hose Assembly. Roll - Up Valve Body to Flow Divider	1
40	KH20084	Flow Divider Body	1
41	KH20083	Cartridge - Flow Divider	1
42	KH70062	'O' Ring Kit - Flow Divider Cartridge	1
43	8- 10- 070220	No. 8 Tube to No. 10 'O' Ring 90 Deg. Male Connector	2
44	8- 10- 070120	No. 8 Tube to No. 10 'O' Ring Boss /Std. Con.	2
45	8- 8- 8- 070433	No. 8 Swivel Branch Tee	1
46	H500509	Hose Assembly. Flow Divider to Conveyor/Cutter Flow Regulator	1
47	KH20055	Flow Regulator. Conveyor/Cutter	1
48	H500579	Hose Assembly. Flow Divider to Roll - Up Motor	1

25



ITEM NO.	PART NO.	DESCRIPTION	QTY
D.I.Y. HYDRAULIC SYSTEM John Deere			
49	H500580	Hose Assembly. Roll -Up Motor to Return Block	1
50	KH30016	Roll -Up Motor	1
51	KH30007	Main Conveyor Motor	1
52	H500510	Hose Assembly. Bulkhead to Conveyor Motor "B"	1
53	8- 070118	No. 8 Bulkhead Nut	2
54	8- 8- 070060	No. 8 Bulkhead Fitting	2
55	H500554	Hose Assembly. Flow Divider to Bulkhead	1
56	H500646	Hose Assembly. Auto-Steer	1
57	H500646	Hose Assembly. Auto-Steer	1
58	H500522	Hose Assembly. Auto-Steer Guide Shoe Lift Cylinder to Manifold	1
59	H500511	Hose Assembly. Bulkhead to Conveyor Motor "A"	1
60	H500521	Hose Assembly. Manifold to Power Steering Pump	1
61	H500523	Hose Assembly. Manifold to Auto-Steer Guide Shoe Lift Cylinder	1
62	6- 6- 070221	Fitting. 3/8 Swivel Nut 90 Deg. Elbow	1
63	6- 8- 070220	No. 6 Tube to No. 8 'O' Ring 90 Deg. Elbow	1
64	8- 8- 070221	Fitting. 1/2 Swivel Nut 90 Deg. Elbow	1
65	12- 090109A	'O' Ring Plug	1
66	8- 12- 070120	No. 8 Tube to No. 12 Straight Thread Connector	1
67	10- 09- 090109A	'O' Ring Plug	4
68	06- 09109B	'O' Ring Plug	1
69	H500669	Hose Assembly. Rear Steering Unit to Steering Cylinder Tee	2

D.I.Y. ELECTRICAL DIAGRAM - JOHN DEERE

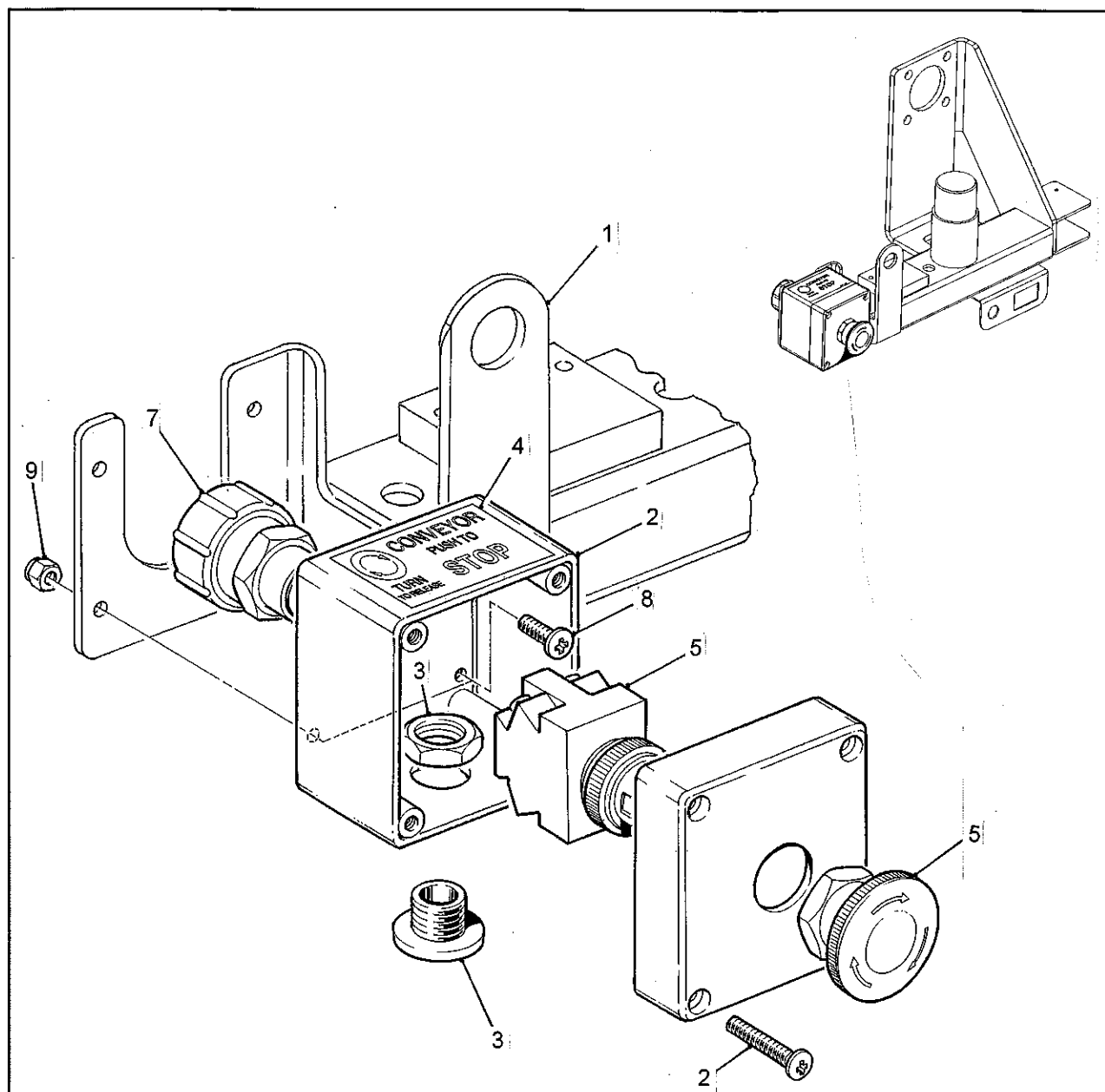


ITEM NO.	PART NO.	DESCRIPTION	QTY
D.I.Y. ELECTRICAL DIAGRAM JOHN DEERE			
1	KE10089	Latching Relay	1
2	KE10090	Base - Latching Relay	1
3	KH20044	Brake Solenoid Valve	1
4	KE20001	Junction Box	1
5	KH10060	Fuse Block	1
6	KH10129	Circuit Breaker 10A	1
7	KE10021	Reset Push Button Switch	1
8	KE80010	Radar Switch " ON - OFF"	1
9	KE70009	Radar System	2
10	KE70010	Radar Sensor	2
11	KE70011	Radar Display	2
12	KE80016	Tether Cord	1
13	KE10108	Connector - 3 Way Male	2
14	KE10109	Connector - 3 Way Female	2
15	KE90003	Warning Light	1
16	H301169	Radar Mount LH	1
17	H301225	Radar Mount RH	1
18	G0120070	Bolt M20 x 2.5 x 70 - metric	2
19	G0120090	Bolt M20 x 2.5 x 90 - metric	2
20	G312000	Lockwasher M20 - metric	4
21	F040510	Bolt 5/16 unc x 1 Gr.8	4
22	F210500	Locknut 5/16 unc	4
23	F040840	Bolt 1/2 unc x 4 Gr.8	2
24	F230800	Nut 1/2 unc	2
25	F320800	Washer 1/2	4
26	F310800	Lockwasher 1/2	2
27	H101580	Radar Mount Bracket	1
28	KE10133	Fuse Holder	2
29	KE10132	1 Amp Fuse	2
30	KE80014	Switch. Emergency Shut Off	1
31	KE70013	Cable. Radar	2
32	H111287	Base Mount. Latching Relay	1
33	F320500	Flatwasher 5/16	8
34	KD10037	Rear F-N-R Shifter	1

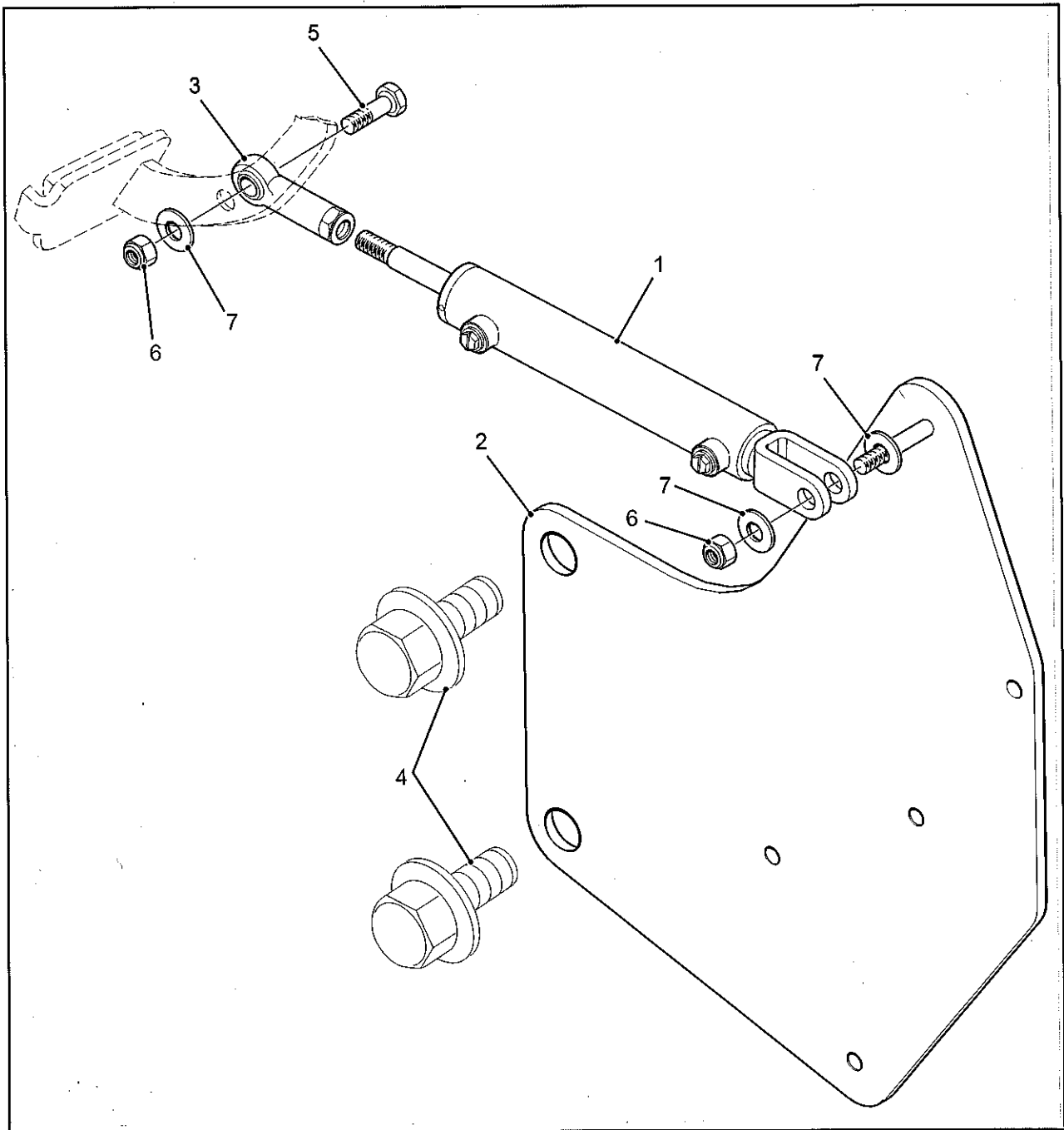
NOTE

See Section 5, Page 1 for complete Electrical System Diagram.

ITEM NO.	PART NO.	DESCRIPTION	QTY
EMERGENCY STOP SWITCH ROLL UNIT Current from Serial No. 647			
1	Ref.	Rear Steering Mount	1
2	H111304	Box. Emergency Stop	1
3	KM30015	Hole Plug	1
4	D001-174	Decal - Emergency Stop Switch	1
5	KE80014	Switch. Emergency Shut Off	1
6	Q8210	Loom. 1/4 (Not Illustrated)	A/R
7	KE10142	Strain Relief	1
8	F540404	Bolt 1/4 unc x 1/2 Pan Hd. Phil.	4
9	F210400	Locknut 1/4 unc	4

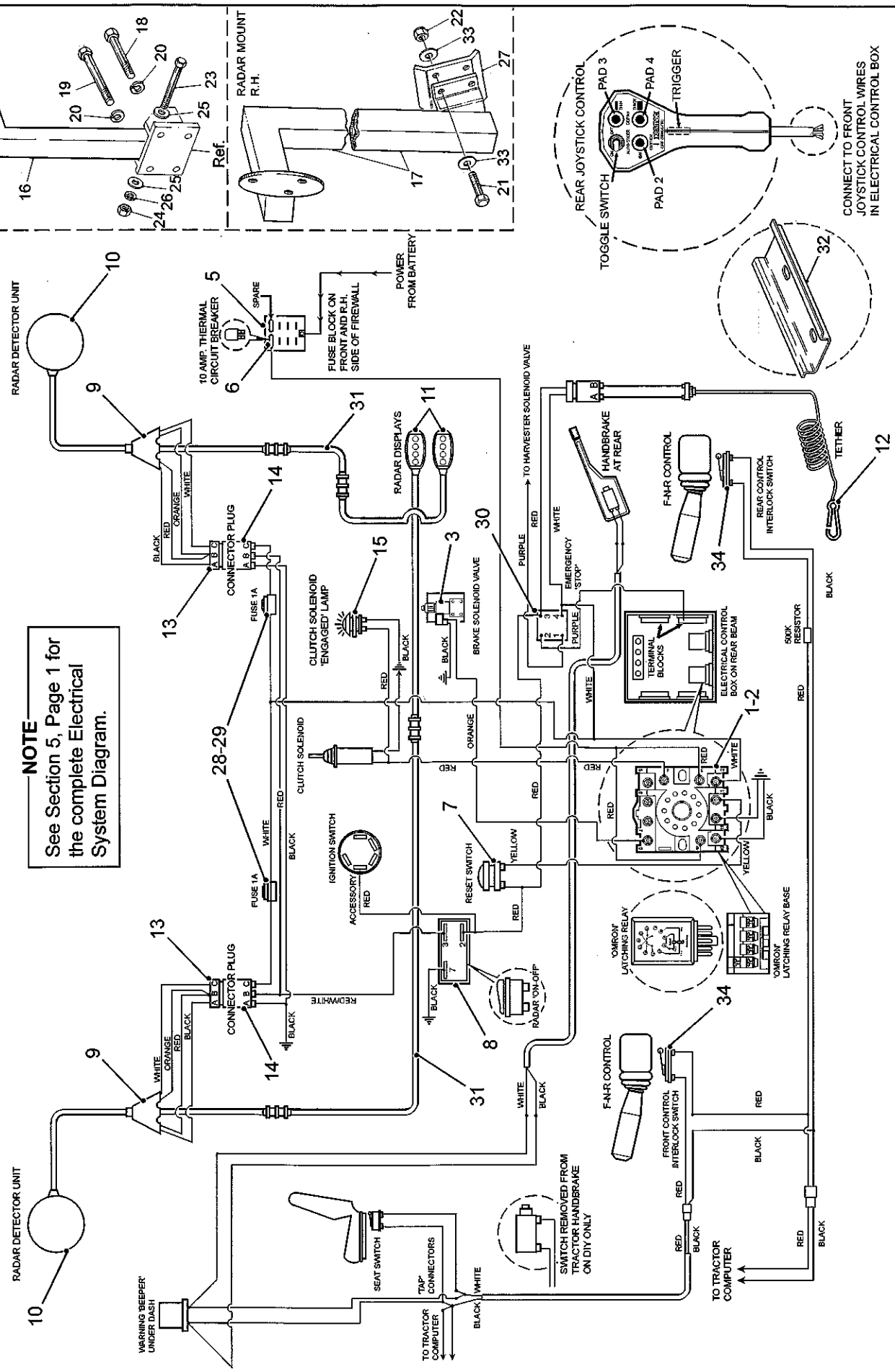


ITEM NO.	PART NO.	DESCRIPTION	QTY
		D.I.Y. BRAKE CYLINDER & SELECTOR VALVE MOUNTING	
1	H510216	Brake Cylinder	1
2	H310312	Mounting Bracket	1
3	KB03080	Rod End	1
4	Ref.	Bolt	2
5	H111345	Bolt - Modified	1
6	F210800	Locknut 1/2 unc	2
7	F330800	Flatwasher 1/2	3



D.I.Y. ELECTRICAL DIAGRAM - NEW HOLLAND **Current from Serial No. 720**

NOTE
 See Section 5, Page 1 for
 the complete Electrical
 System Diagram.



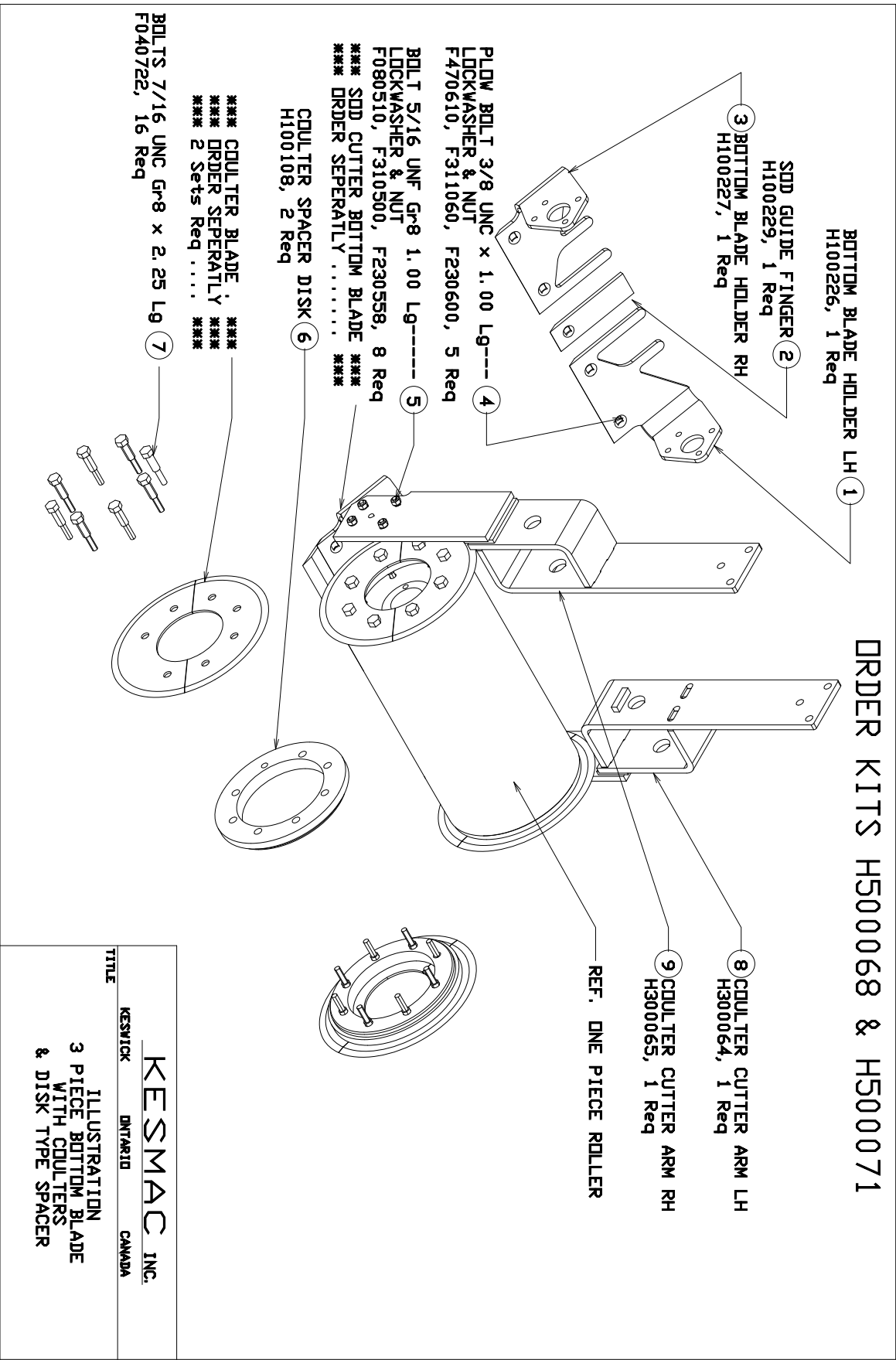
ITEM NO.	PART NO.	DESCRIPTION	QTY
D.I.Y. ELECTRICAL DIAGRAM NEW HOLLAND Current from Serial No. 720			
1	KE10089	Latching Relay	1
2	KE10090	Base - Latching Relay	1
3	KH20044	Brake Solenoid Valve	1
4	H110972	Clutch Solenoid	1
5	KH10060	Fuse Block	1
6	KH10129	Circuit Breaker 10A	1
7	KE10021	Reset Push Button Switch	1
8	KE80010	Radar Switch " ON - OFF"	1
9	KE70009	Radar System	2
10	KE70010	Radar Sensor	2
11	KE70011	Radar Display	2
12	KE80016	Tether Cord	1
13	KE10108	Connector - 3 Way Male	2
14	KE10109	Connector - 3 Way Female	2
15	KE90003	Warning Light	1
16	H301169	Radar Mount LH	1
17	H301170	Radar Mount RH	1
18	G0120070	Bolt M20 x 2.5 x 70 - metric	2
19	G0120090	Bolt M20 x 2.5 x 90 - metric	2
20	G312000	Lockwasher M20 - metric	4
21	F040510	Bolt 5/16 unc x 1 Gr.8	4
22	F210500	Locknut 5/16 unc	4
23	F040840	Bolt 1/2 unc x 4 Gr.8	2
24	F230800	Nut 1/2 unc	2
25	F320800	Washer 1/2	4
26	F310800	Lockwasher 1/2	2
27	H101580	Radar Mount Bracket	1
28	KE10133	Fuse Holder	2
29	KE10132	1 Amp Fuse	2
30	KE80014	Switch. Emergency Shut Off	1
31	KE70013	Cable. Radar	2
32	H111287	Base Mount. Latching Relay	1
33	F320500	Flatwasher 5/16	8
34	KE80005	Limit Switch	2

NOTE

See Section 5, Page 1 for
complete Electrical System
Diagram.

TO CONVERT FROM STANDARD BLADES TO COULTERS WITH DISK SPACER

ORDER KITS H500068 & H500071



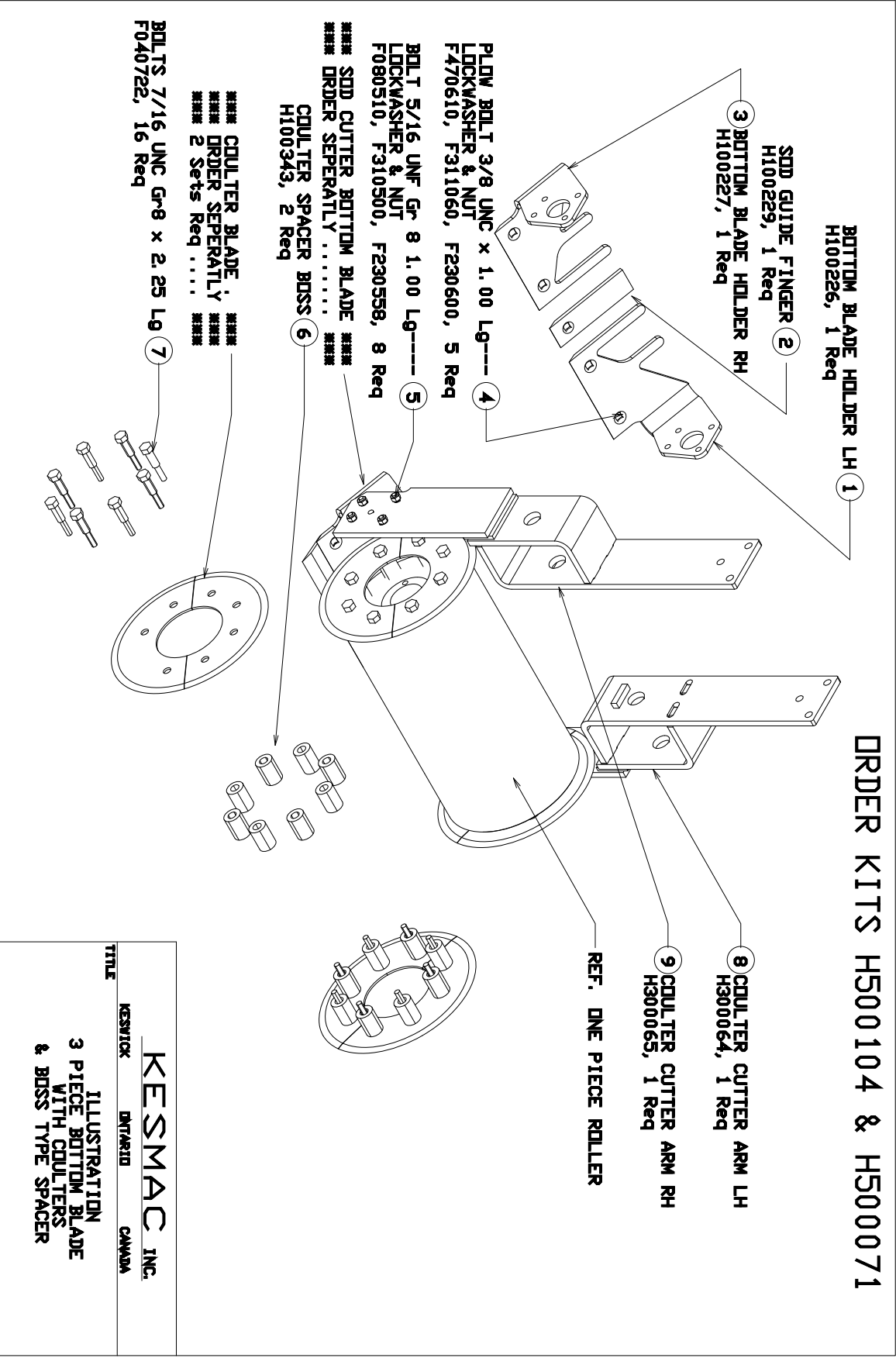
WHICH INCLUDES ITEM 1 TO 4



**FOR COULTER ARMS
AND STANDARD STYLE BLADE**

TO CONVERT FROM STANDARD BLADES TO COULTERS WITH BOSS TYPE SPACER

ORDER KITS H500104 & H500071

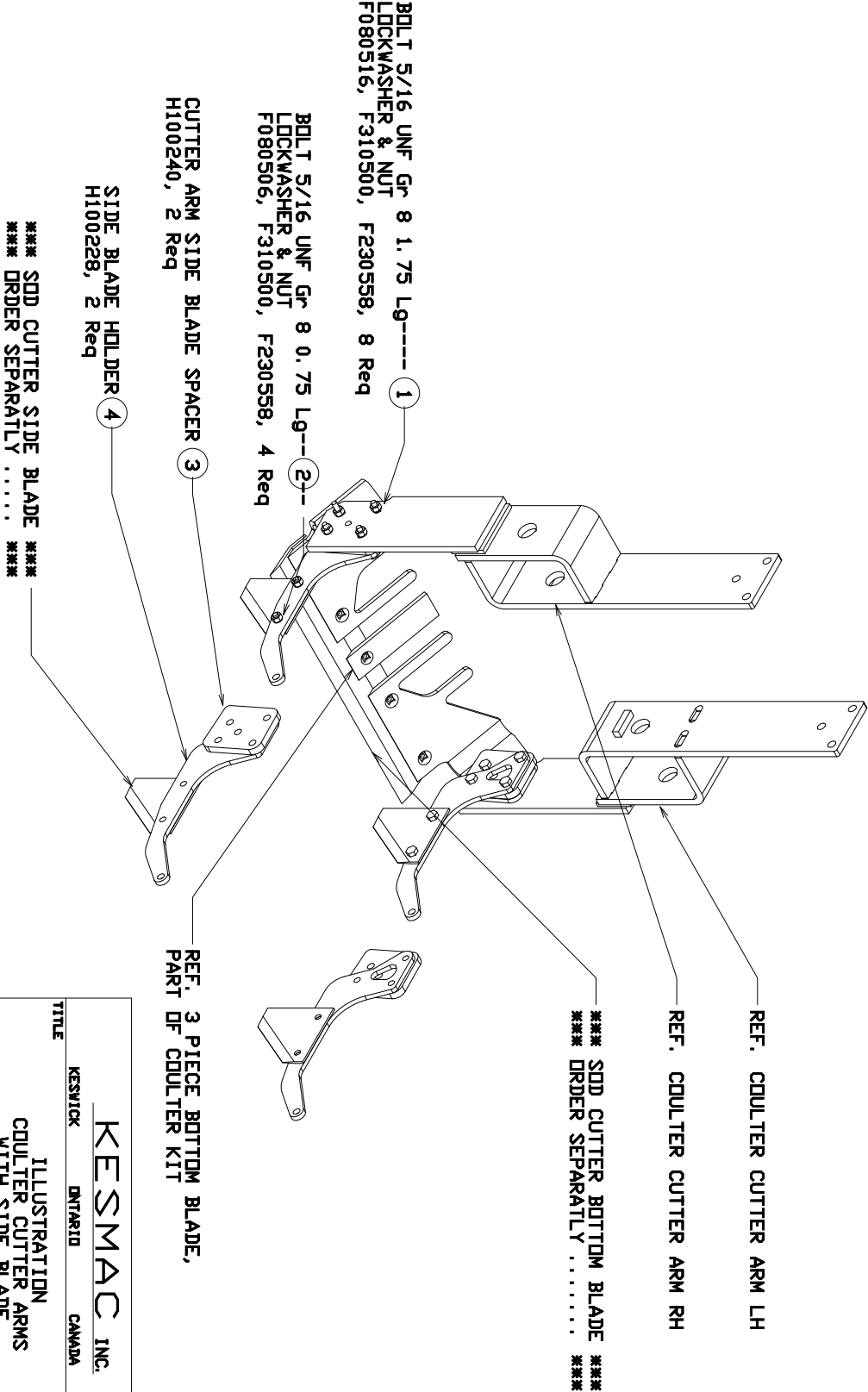


FILE # H900002 FOR OFFICE USE ONLY

KESMAC INC.		
TITLE	KESVICK	DNTARIO CANADA
ILLUSTRATION 3 PIECE BOTTOM BLADE WITH COULTERS & BOSS TYPE SPACER		

TO CONVERT FROM CDULTER TO 3 PIECE SIDE BLADE ORDER H500106

WHICH INCLUDES INCLUDES ITEMS 1 TO 4



KESMAC INC.		
TITLE	KESWICK	DNTARIID CANADA
ILLUSTRATION CDULTER CUTTER ARMS WITH SIDE BLADE & 3 PIECE BOTTOM BLADE		