

# **BROUWER**

## **SOD HARVESTER**

**Model 1570**

**John Deere 5220 Tractor**

### **Illustrated Parts List**

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# BROUWER

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Date of Purchase: Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

Dealer Name \_\_\_\_\_ Phone \_\_\_\_\_

Serial Number \_\_\_\_\_

Model Number \_\_\_\_\_

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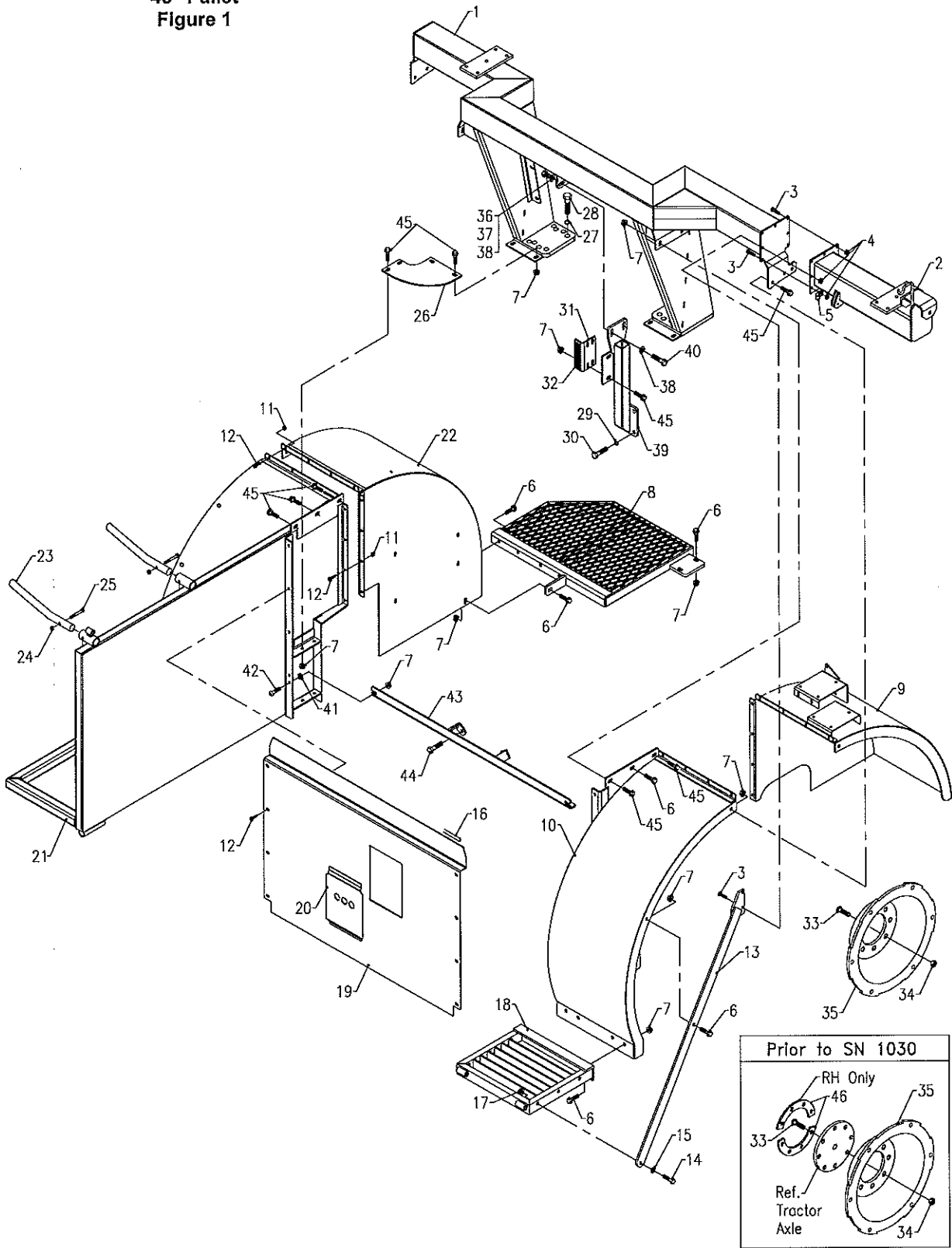
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# MAIN FRAME

# section 1

Main Beam & Fenders  
48" Pallet  
Figure 1





# MAIN FRAME

# section 1

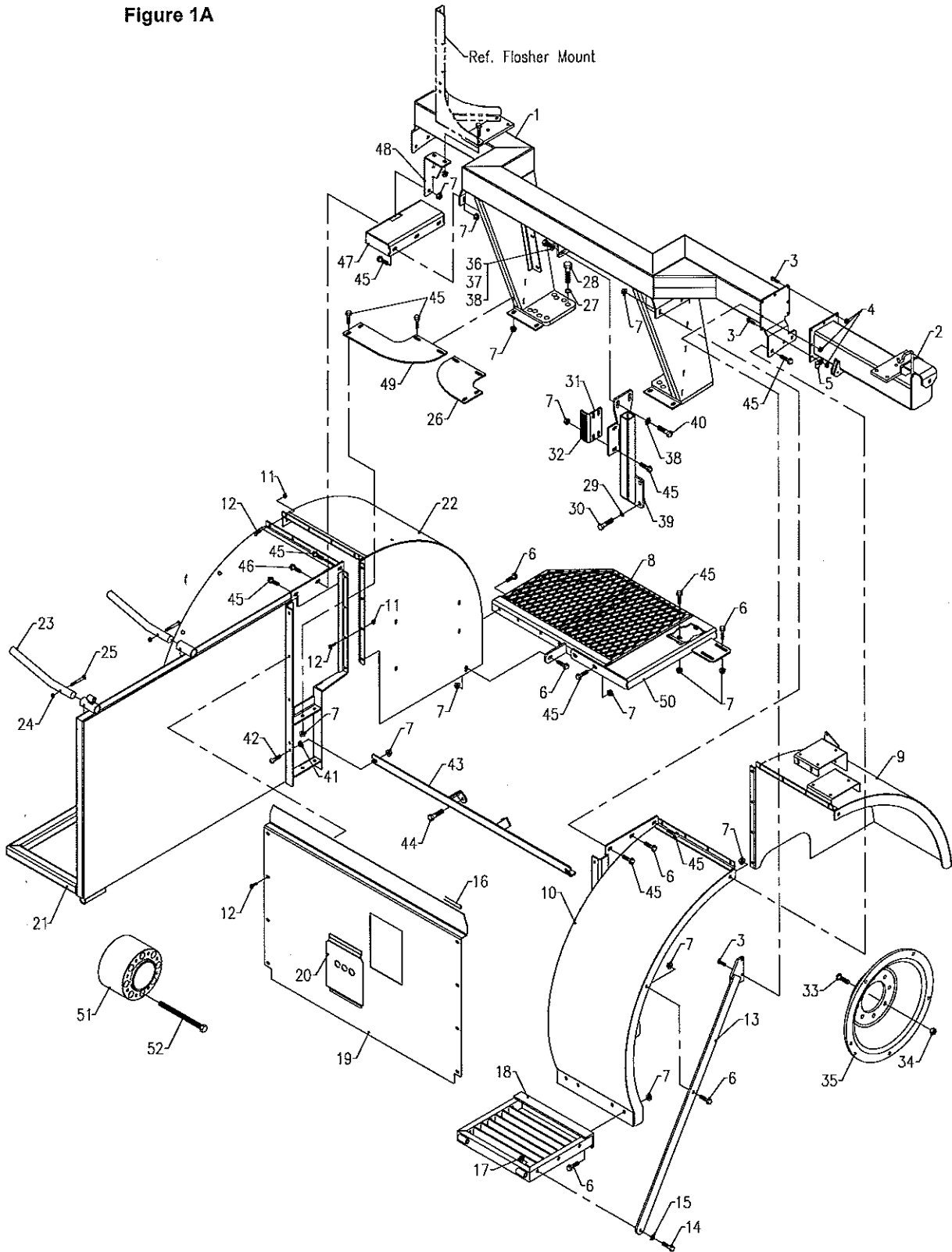
## Parts List for Figure 1

Ref.	Part No.	Description	Quantity
1	6109362	MAIN BEAM COMBINATION WELDMENT	1
2	6109296	BEAM EXTENSION 16/18" 1565 JD	1
	6109297	BEAM EXTENSION 24" 1565 JD	1
3	90-0614	BOLT, 3/8-16 X 1-3/4	7
4	99-E13	FLANGE NUT, 3/8-16	7
5	11-016	WIRECLIP, 13/32 BOLT X 3/8 ID	1
6	99-K56	BOLT, FLANGE 1/2-13 X 1-1/2	13
7	99-E37	FLANGE NUT, 1/2-13	36
8	6109437	PLATFORM, JD DRIVER SIDE	1
9	6109419	FENDER, RT FRONT COMBO WELDMENT	1
10	6109420	FENDER, RT REAR COMBO WELDMENT	1
11	99-E12	FLANGE NUT, 5/16-18	16
12	99-K19	BOLT, FLANGE 5/16-18 X 3/4	24
13	6109794	BRACE, REAR PLATFORM	1
14	90-0818	BOLT, 1/2-13 X 2-1/4	1
15	95-08	FLAT WASHER, 1/2 SAE	1
16	56-027	TRIM, TRIM-LOC	47"
17	F5018	NUT, FLANGED STOVER 1/2-12	1
18	001712	PLATFORM, MAIN	1
19	6109331	PILING WALL	1
20	6109461	COVER, PILING WALL ACCESS	1
21	6109375	FENDER, LEFT REAR COMBO WELDMENT	1
22	6109390	FENDER, LEFT FRONT COMBO WELDMENT	1
23	015863	HANGER, PALLET	2
24	99-E40	LOCKNUT, NYLON 3/8-16	2
25	90-0618	BOLT, 3/8-16 X 2-1/4	2
26	6109374	BRACKET, FENDER TO AXLE	2
27	07-C20	LOCKWASHER, 20MM	8
28	07-2025045	METRIC BOLT, M20-2.5 X 45	8
29	07-C16	LOCKWASHER, 16MM	4
30	07-1620035	METRIC BOLT, M16-2.00 X 35	4
31	6109494	BRACKET, PILING WALL	1
32	56-011	RUBBER, 1/8 EPDM X 2" WIDE	.5'
33	99-K90	STUD, WHEEL 5/8-18 X 2 1/8 (SN 1030 & UP)	16
	99-K95	STUD, DRIVE IN 5/8-18 X 2-3/4 - RH (PRIOR TO SN 1030)	8
	99-K90	STUD, WHEEL 5/8-18 X 2-1/8 - LH (PRIOR TO SN 1030)	8
34	99-E61	NUT, WHEEL 5/8-18	16
35	6109307	DISH, J.D. WHEEL MODIFIED	2
36	92-10	NUT, 5/8-11	2
37	96-10	LOCK WASHER, 5/8	2
38	95-10	FLAT WASHER, 5/8 SAE	4
39	6109460	BRACE, JD MAIN BEAM	1
40	90-1016	BOLT, 5/8-11 X 2	2
41	99-B12	WASHER, 1/4 X 17/32 X 1-1/8	2
42	99-K101	BOLT, 1/2-13X1.25 BUTTON HEAD	2
43	6109485	PILING WALL LOWER STIFFENER	1
44	07-1420025	METRIC BOLT, 14-2.00X25 MM	2
45	99-K50	BOLT, FLANGE 1/2-13 X 1	21
46	6109514	SPACER, JD RIGHT REAR LUG BOLT (PRIOR TO SN 1030)	2

# MAIN FRAME

# section 1

Main Beam & Fenders  
54" Pallet  
Figure 1A



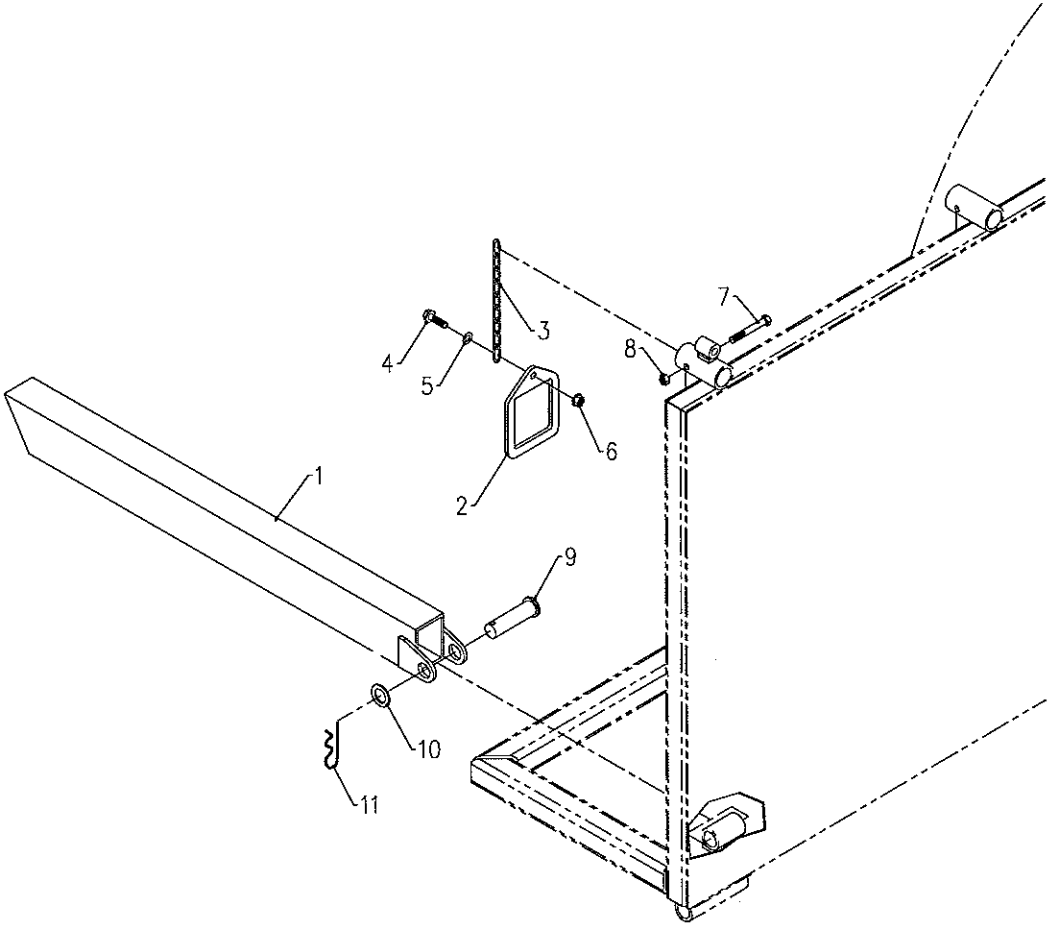
# MAIN FRAME

# section 1

## Parts List for Figure 1A

Ref.	Part No.	Description	Quantity
1	6109571	MAIN BEAM COMBINATION WELDMENT (54" PALLET)	1
2	6109296	BEAM EXTENSION 16/18" 1565 JD	1
	6109297	BEAM EXTENSION 24" 1565 JD	1
3	90-0614	BOLT, 3/8-16 X 1-3/4	7
4	99-E13	FLANGE NUT, 3/8-16	7
5	11-016	WIRECLIP, 13/32 BOLT X 3/8 ID	1
6	99-K56	BOLT, FLANGE 1/2-13 X 1-1/2	13
7	99-E37	FLANGE NUT, 1/2-13	43
8	6109437	PLATFORM, JD DRIVER SIDE	1
9	6109419	FENDER, RT FRONT COMBO WELDMENT	1
10	6109420	FENDER, RT REAR COMBO WELDMENT	1
11	99-E12	FLANGE NUT, 5/16-18	16
12	99-K19	BOLT, FLANGE 5/16-18 X 3/4	24
13	6109794	BRACE, REAR PLATFORM	1
14	90-0818	BOLT, 1/2-13 X 2-1/4	1
15	95-08	FLAT WASHER, 1/2 SAE	1
16	56-027	TRIM, TRIM-LOC	47"
17	F5018	NUT, FLANGED STOVER 1/2-12	1
18	001712	PLATFORM, MAIN	1
19	6109558	PILING WALL 54" PALLET	1
20	6109461	COVER, PILING WALL ACCESS	1
21	6109375	FENDER, LEFT REAR COMBO WELDMENT	1
22	6109390	FENDER, LEFT FRONT COMBO WELDMENT	1
23	015863	HANGER, PALLET	2
24	99-E40	LOCKNUT, NYLON 3/8-16	2
25	90-0618	BOLT, 3/8-16 X 2-1/4	2
26	6109374	BRACKET, FENDER TO AXLE	1
27	07-C20	LOCKWASHER, 20MM	8
28	07-2025045	METRIC BOLT, M20-2.5 X 45	8
29	07-C16	LOCKWASHER, 16MM	4
30	07-1620035	METRIC BOLT, M16-2.00 X 35	4
31	6109494	BRACKET, PILING WALL	1
32	56-011	RUBBER, 1/8 EPDM X 2" WIDE	.5'
33	99-K90	STUD, WHEEL 5/8-18 X 2 1/8	16
34	99-E61	NUT, WHEEL 5/8-18	16
35	6109604	DISH, MODIFIED - JD 54" PALLET	2
36	92-10	NUT, 5/8-11	2
37	96-10	LOCK WASHER, 5/8	2
38	95-10	FLAT WASHER, 5/8 SAE	4
39	6109460	BRACE, JD MAIN BEAM	1
40	90-1016	BOLT, 5/8-11 X 2	2
41	99-B12	WASHER, 1/4 X 17/32 X 1-1/8	2
42	99-K101	BOLT, 1/2-13X1.25 BUTTON HEAD	2
43	6109556	PILING WALL LOWER STIFFENER 54" PALLET	1
44	07-1420025	METRIC BOLT, 14-2.00X25 MM	2
45	99-K50	BOLT, FLANGE 1/2-13 X 1	27
46	99-K85	BOLT, FLANGE 1/2-13 X 1 1/4	1
47	6109578	SPACER, 54" PALLET FENDER	1
48	6109581	BRACE, 54" PALLET FENDER SPACER	1
49	6109549	BRACKET, FENDER TO AXLE - 54"	1
50	6109576	JD 54" DRIVER'S EXT. PLATFORM	1
51	6109570	SPACER, JD 5220 6" WHEEL	1
52	91-1068-8P	BOLT, 5/8-18 X 8-1/2 GR8 PLAIN	8

**Optional Pallet Stack Forks Kit  
Figure 1B**



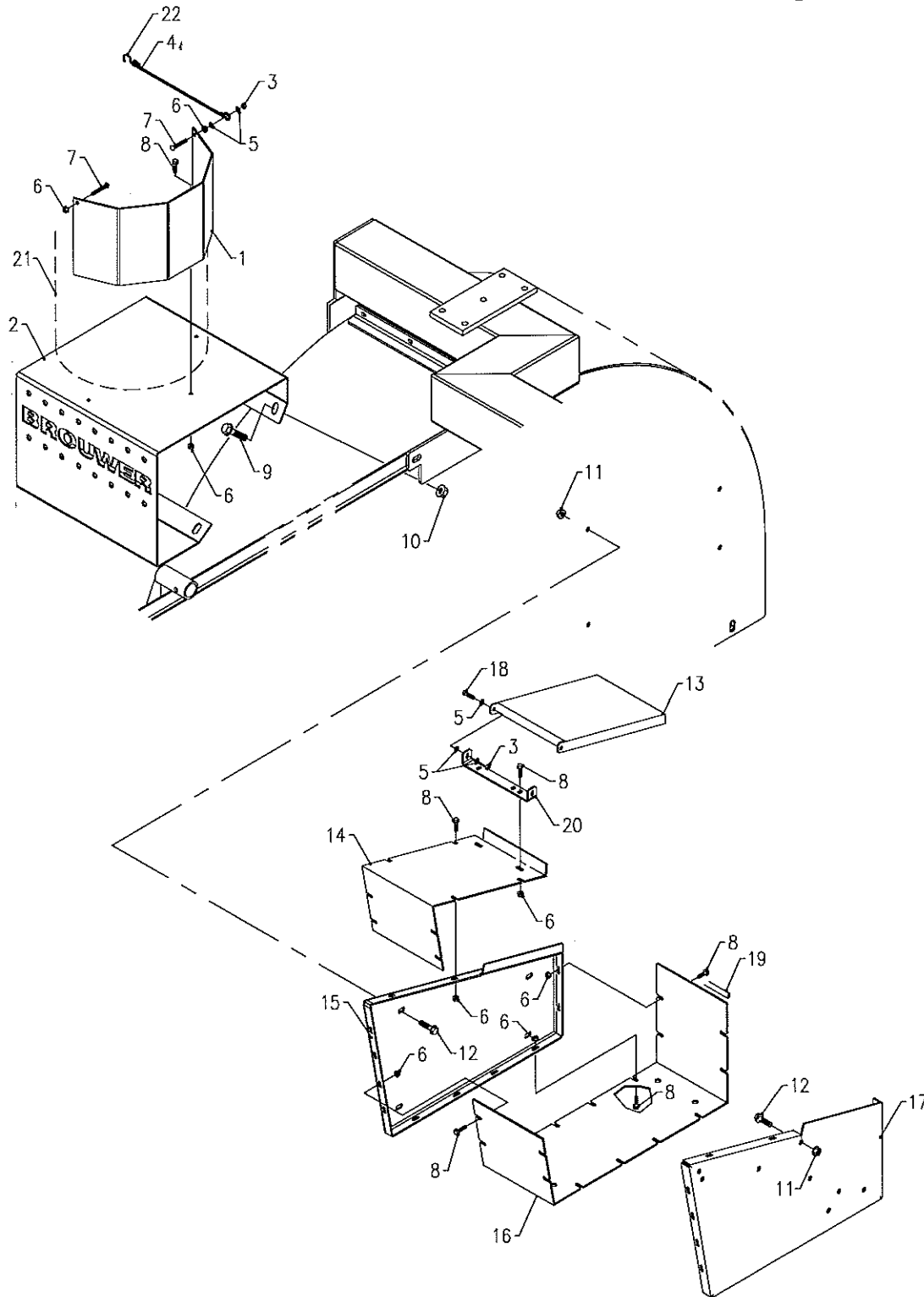
# MAIN FRAME

# section 1

## Parts List for Figure 1B

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
1	6115195	FORK, PALLET	2
2	6115208	STIRRUP, FORK RETAINING	2
3	6115209	CHAIN, STIRRUP RETAINING	2
4	99-K13	BOLT, FLANGE 3/8-16 X 1	2
5	94-06	FLAT WASHER, 3/8 USS	2
6	99-E13	FLANGE NUT, 3/8-16	2
7	90-0618	BOLT, 3/8-16 X 2-1/4	2
8	99-E40	LOCKNUT, NYLON 3/8-16	2
9	03-1628	CLEVIS PIN, 1 X 3-1/2	2
10	99-B13	WASHER, MACH 1" ID 14 GA	2
11	G2501	PIN, HITCH CLIP #8	2

Toolbox & Cooler Mount  
Figure 2



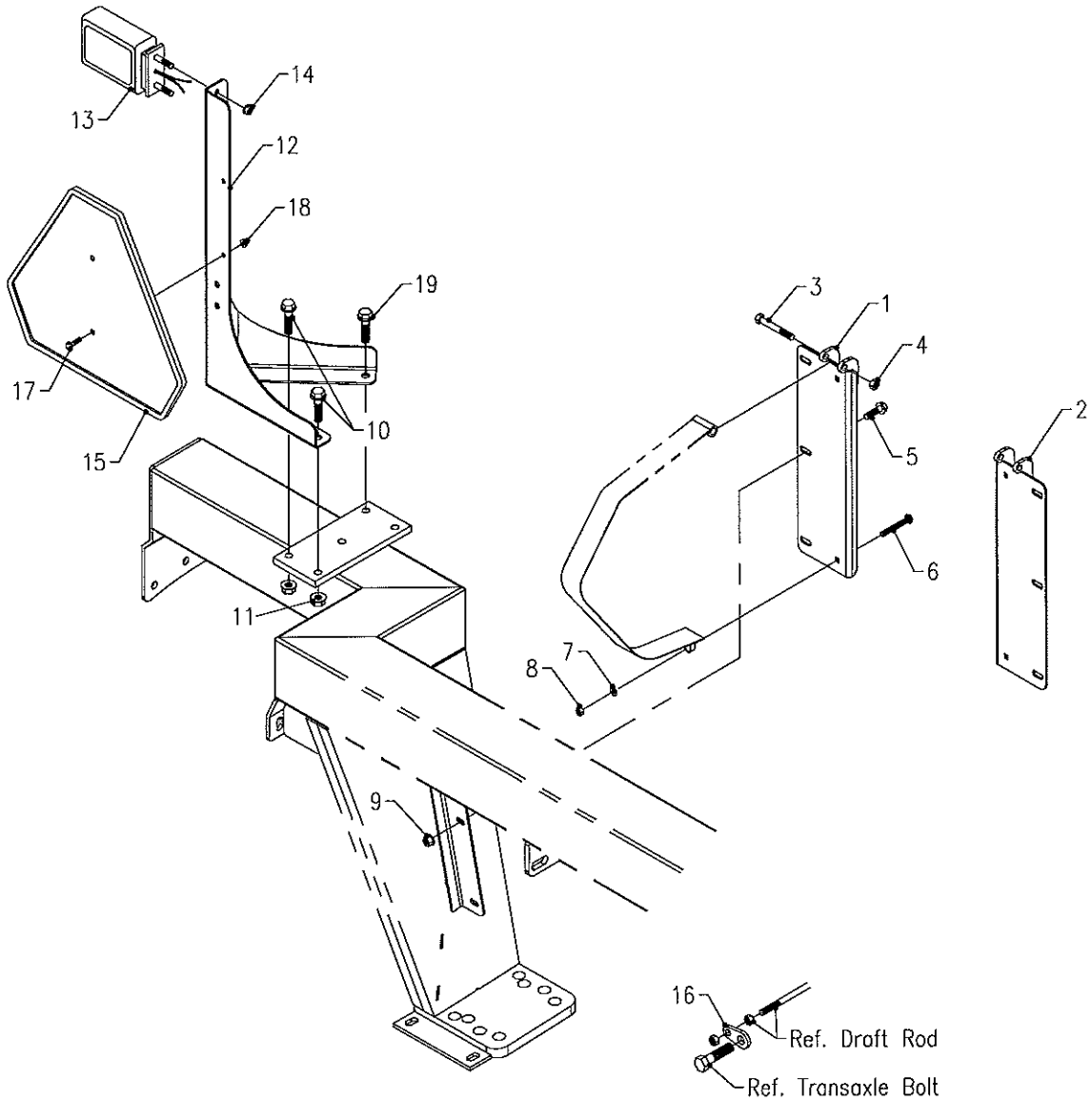
# MAIN FRAME

# section 1

## Parts List for Figure 2

Ref.	Part No.	Description	Quantity
1	6109462	MOUNT, WATER COOLER	1
2	6109789	WATER COOLER BRACKET	1
3	99-E39	LOCKNUT, NYLON 1/4-20	3
4	S8001	STRAP, 15"-URETHANE	1
5	95-04	FLAT WASHER, 1/4 SAE	8
6	99-E20	FLANGE NUT, 1/4-20	31
7	99-K39	BOLT, 1/4-20 X 1-1/2 BUTTON HD	2
8	99-K26	BOLT, FLANGE 1/4-20 X 3/4	29
9	99-K50	BOLT, FLANGE 1/2-13 X 1	4
10	99-E37	FLANGE NUT, 1/2-13	4
11	99-E13	FLANGE NUT, 3/8-16	7
12	99-K11	BOLT, FLANGE 3/8-16 X 3/4	7
13	6109463	LID, JD TOOLBOX (48" PALLET)	1
	6109550	LID, TOOLBOX (54" PALLET)	1
14	6109338	TOP, TOOLBOX (48" PALLET)	1
	6109552	TOP, JD TOOLBOX (54" PALLET)	1
15	6109336	SIDE, TOOLBOX	1
16	6109337	BOTTOM, TOOLBOX (48" PALLET)	1
	6109553	BOTTOM, JD TOOLBOX (54" PALLET)	1
17	6109335	SIDE, TOOLBOX	1
18	90-0406	BOLT, 1/4-20 X 3/4	2
19	56-027	TRIM, TRIM-LOC /FT	2'
20	6109524	MOUNT, TOOLBOX LID (48" PALLET)	1
	6109551	MOUNT, TOOLBOX LID (54" PALLET)	1
21	06-063	COOLER, 5 GALLON WATER	1
22	M5137	TIE DOWN STRAP HOOK	1

**Fuel Tank Mount  
SMV/Flasher  
Figure 3**





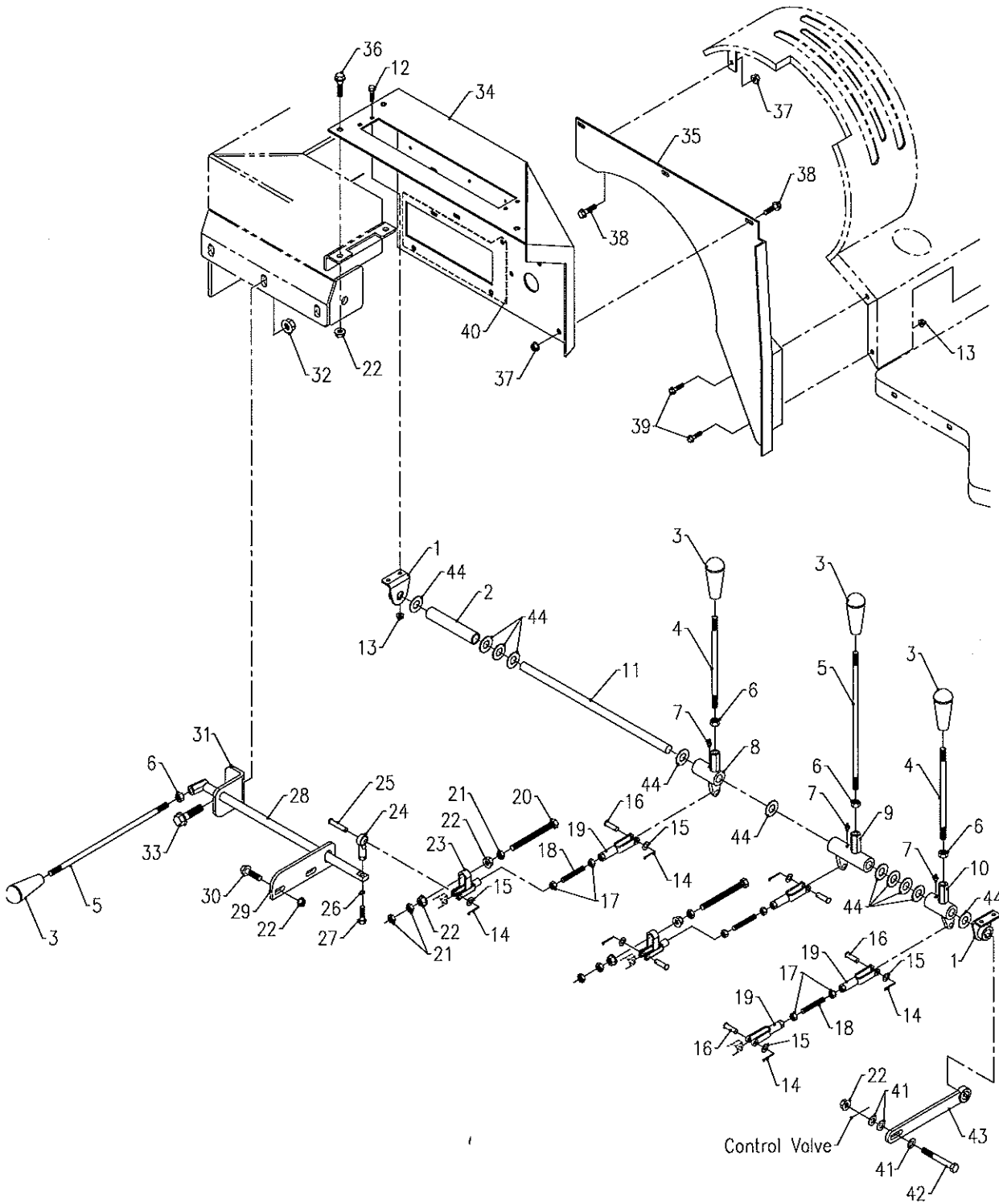
# MAIN FRAME

# section 1

## Parts List for Figure 3

Ref.	Part No.	Description	Quantity
1	6109433	TANK MOUNT WELDMENT LH	1
2	6109434	TANK MOUNT WELDMENT RH	1
3	90-0620	BOLT, 3/8-16 X 2-1/2	2
4	99-E40	LOCKNUT, NYLON 3/8-16	2
5	99-K11	BOLT, FLANGE 3/8-16 X 3/4	6
6		CARRIAGE BOLT, 5/16 X 3-1/4 FULL THREAD	2
7	95-05	FLAT WASHER, 5/16 SAE	2
8	99-E38	LOCKNUT, NYLON 5/16-18	2
9	99-E13	FLANGE NUT, 3/8-16	6
10	99-K85	BOLT, FLANGE 1/2-13 X 1 1/4 (48" PALLET)	2
	99-K56	BOLT, FLANGE 1/2-13 X 1-1/2 (54" PALLET)	2
11	99-E37	FLANGE NUT, 1/2-13	3
12	6109531	MOUNT, FLASHER/SMV SIGN	1
13	REF	FLASHER ASSEMBLY	
14	99-E12	FLANGE NUT, 5/16-18	2
15		EMBLEM, SMV (JOHN DEERE PART)	1
16	6109515	MOUNT, JD DRAFT ROD	1
17	99-K26	BOLT, FLANGE 1/4-20 X 3/4	2
18	99-E20	FLANGE NUT, 1/4-20	2
19	99-K85	BOLT, FLANGE 1/2-13 X 1 1/4	1

### Control Panel & Linkage Figure 4



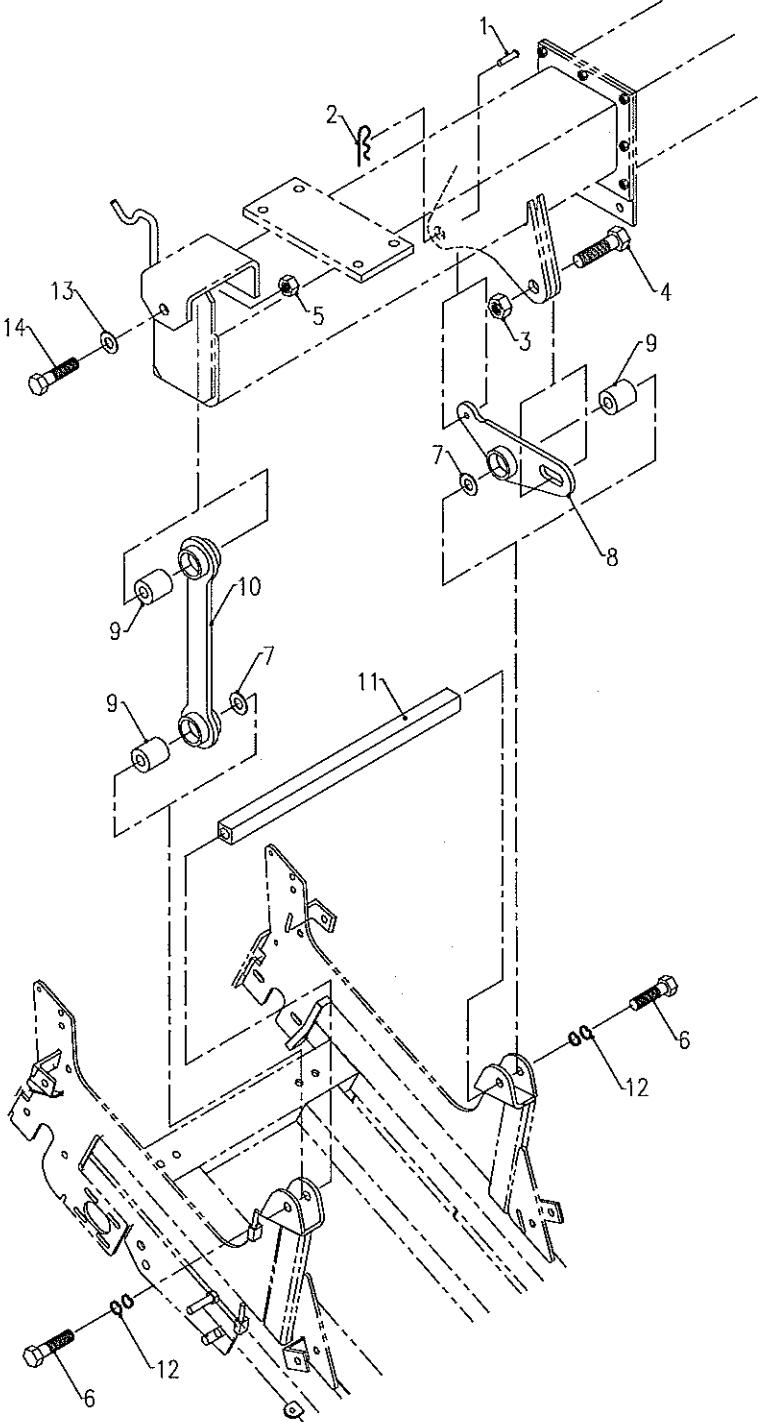
# MAIN FRAME

# section 1

## Parts List for Figure 4

Ref.	Part No.	Description	Quantity
1	6109475	SHAFT MOUNT	2
2	6109782	SPACER, BLOCK OFF - LEVER PIVOT	1
3	47-114	KNOB, TAPERED 3/8-16 OAL 3"	4
4	6109486	ARM, SHORT LEVER	2
5	6109487	ARM, LONG LEVER	2
6	07-B10	NUT, METRIC M10-1.5	4
7	29-010	GREASE FITTING, 1/4-28 SHORT	3
8	6109354	CONTROL LINKAGE PIVOT - REAR	1
9	6109353	CONTROL LINKAGE PIVOT - CENTER	1
10	6109352	CONTROL LINKAGE PIVOT - FRONT	1
11	6109781	SHAFT, SPOOL LEVER PIVOT	1
12	99-K26	BOLT, FLANGE 1/4-20 X 3/4	4
13	99-E20	FLANGE NUT, 1/4-20	6
14	02-CP0308	COTTER PIN, 3/32 X 1	6
15	95-05	FLAT WASHER, 5/16 SAE	6
16	03-0508	CLEVIS PIN, 5/16 X 1	5
17	93-05	NUT, 5/16-24	6
18	6109788	ROD, SPOOL LINKAGE	3
19	43-Y0505F	YOKE END, 5/16-24 X 5/16 PIN	4
20	F3747	BOLT, 3/8-16 X 4 FULL THREAD	2
21	99-E21	JAM NUT, 3/8-16	6
22	99-E13	FLANGE NUT, 3/8-16	9
23	6109783	STOP, ADJUSTABLE YOKE	2
24	43-005A	ROD END, 5/16"	1
25	03-0512	CLEVIS PIN, 5/16 X 1-1/2	1
26	96-05	LOCK WASHER, 5/16	1
27	91-0508	BOLT, 5/16-24 X 1	1
28	6109493	PIVOT, REAR DEPTH CONTROL - WELDMENT	1
29	6109492	PIVOT, DEPTH CONTROL FRONT	1
30	99-K13	BOLT, FLANGE 3/8-16 X 1	2
31	6109491	PIVOT, DEPTH CONTROL REAR	1
32	99-E37	FLANGE NUT, 1/2-13	1
33	99-K85	BOLT, FLANGE 1/2-13 X 1 1/4	1
34	6109453	PANEL, BEAM FORWARD CONTROL	1
35	6109119	VALVE SHIELD W/A (JOHN DEERE)	1
36	99-K11	BOLT, FLANGE 3/8-16 X 3/4	2
37	99-E12	FLANGE NUT, 5/16-18	4
38	99-K19	BOLT, FLANGE 5/16-18 X 3/4	4
39	99-K31	BOLT, FLANGE 1/4-20 X 1/2	2
40	6109488	COVER, CONTROL PANEL	1
41	95-06	FLAT WASHER, 3/8 SAE	3
42	90-0632	BOLT, 3/8-16 X 4	1
43	6109496	CONTROL PANEL BRACE	1
44	99-B26	WASHER, MACH 5/8 ID 14 GA	A/R

Hangers  
Figure 5



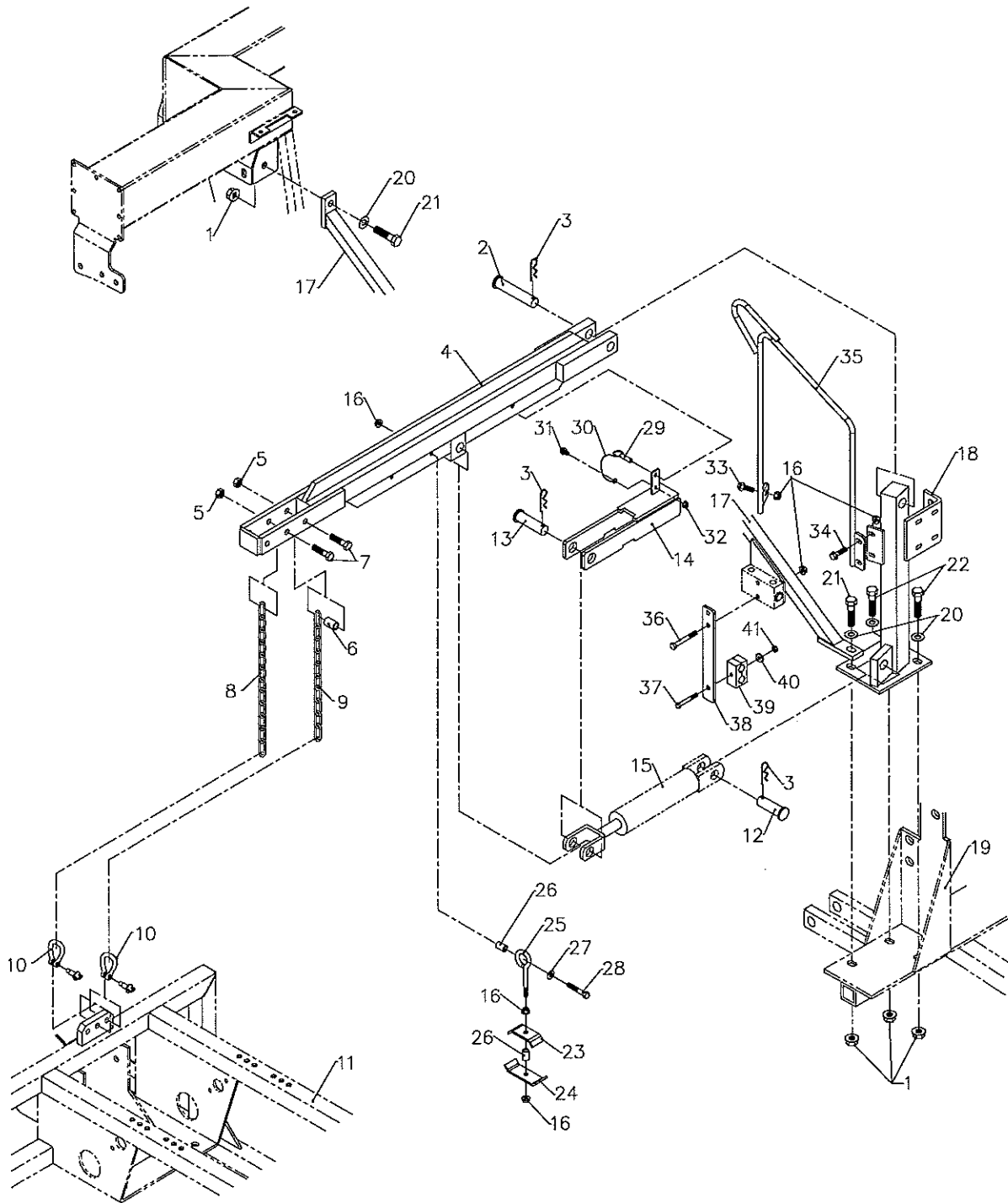
# MAIN FRAME

# section 1

## Parts List for Figure 5

Ref.	Part No.	Description	Quantity
1	03-0510	CLEVIS PIN, 5/16 X 1-1/4	1
2	G2510	PIN, HITCH CLIP	1
3	99-A12	NUT, STOVER 3/4	1
4	90-1216	BOLT, 3/4 X 2	1
5	99-A10	LOCKNUT, STOVER 5/8-11	1
6	90-1024	BOLT, 5/8-11 X 3	2
7	F6051	FLAT WASHER, 5/8	A/R
8	6115602	INNER HANGER LINK	1
9	S8009	ISOLATOR, CENTER BONDED	3
10	6115604	OUTER HANGER LINK	1
11	016628	MOUNT, CONVEYOR (16"/18")	1
	016629	MOUNT, CONVEYOR (24")	1
12	F6076	WASHER, DISC LOCK 5/8	4
13	95-10	FLAT WASHER, 5/8 SAE	1
14	90-1026	BOLT, 5/8-11 X 3-1/4	1

Lift Arm & Lift Stand  
Figure 6



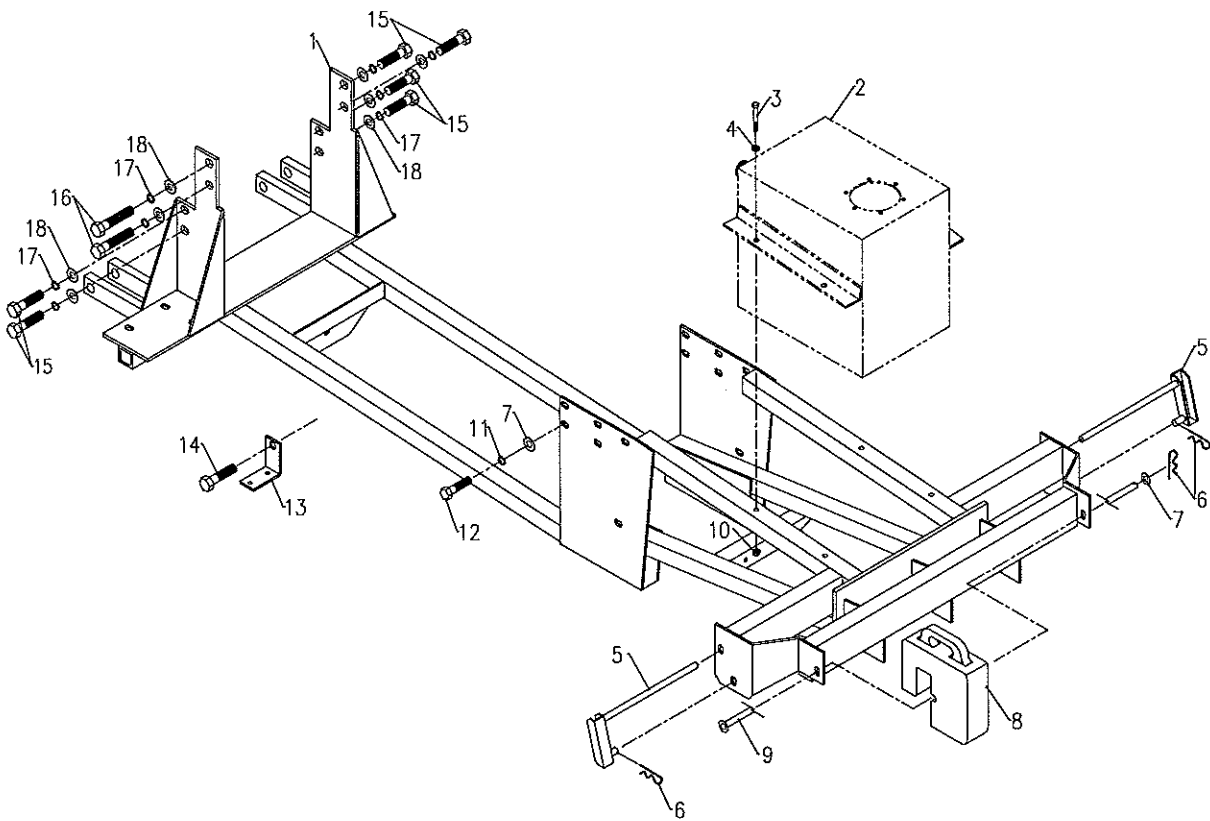
# MAIN FRAME

# section 1

## Parts List for Figure 6

Ref.	Part No.	Description	Quantity
1	F6010	NUT, FLANGED STOVER 5/8	4
2	03-1640	CLEVIS PIN, 1" X 5"	1
3	G2501	PIN, HITCH CLIP #8	3
4	001353	LIFT ARM	1
5	99-E41	LOCKNUT, NYLON 1/2	2
6	002448	SPACER, LIFT CHAIN	1
7	90-0832	BOLT, 1/2 X 4	2
8	6115719	CHAIN, SAFETY	1
9	002449	CHAIN, LIFT	1
10	G8003	SHACKLE, ANCHOR 3/8"	2
11	REF	FRAME, CUTTING HEAD	
12	03-1624	CLEVIS PIN, 1 X 3	1
13	03-1628	CLEVIS PIN, 1 X 3-1/2	1
14	6115732	SUPPORT, LIFT SAFETY	1
15	REF	CYLINDER, CONVEYOR LIFT 3-1/2"	1
16	99-E13	FLANGE NUT, 3/8-16 NC	7
17	6109790	BRACE, FRONT BEAM	1
18	6109051	STAND, LIFT	1
19	REF	FRAME, TANK	
20	94-10	FLAT WASHER, 5/8	4
21	90-1016	BOLT, 5/8 X 2	2
22	90-1012	BOLT, 5/8 X 1-1/2	2
23	6115799	HOSE CLAMP, UPPER	1
24	6115800	HOSE CLAMP, LOWER	1
25	99-K87	EYE-BOLT, 3/8-16 X 5	1
26	6115801	SPACER	2
27	94-06	FLAT WASHER, 3/8 USS	1
28	90-0620	BOLT, 3/8-16 X 2-1/2	1
29	03-020	HITCH PIN, QUICK RELEASE 3/8	1
30	45-073	CABLE, LANYARD (6")	1
31	99-K28	BOLT, FLANGE 5/16-18 X 1/2 NC	1
32	99-E12	FLANGE NUT, 5/16-18	1
33	99-K11	BOLT, FLANGE 3/8-16 X 3/4	1
34	99-K13	BOLT, FLANGE 3/8-16 X 1	2
35	6109501	DRIVER RESTRAINT JD	1
36	90-0618	BOLT, 3/8-16 X 2-1/4	2
37	90-0518	BOLT, 5/16-18 X 2-1/4	1
38	6109526	MOUNT, LIFT CYLINDER	1
39	G8081	CLAMP, PIPE DOUBLE 3/4 TUBE	1
40	F2056	WASHER, FLAT 5/16"ID	1
41	99-E38	LOCKNUT, NYLON 5/16-18	1

Tank Frame & Weights  
Figure 7





# MAIN FRAME

# section 1

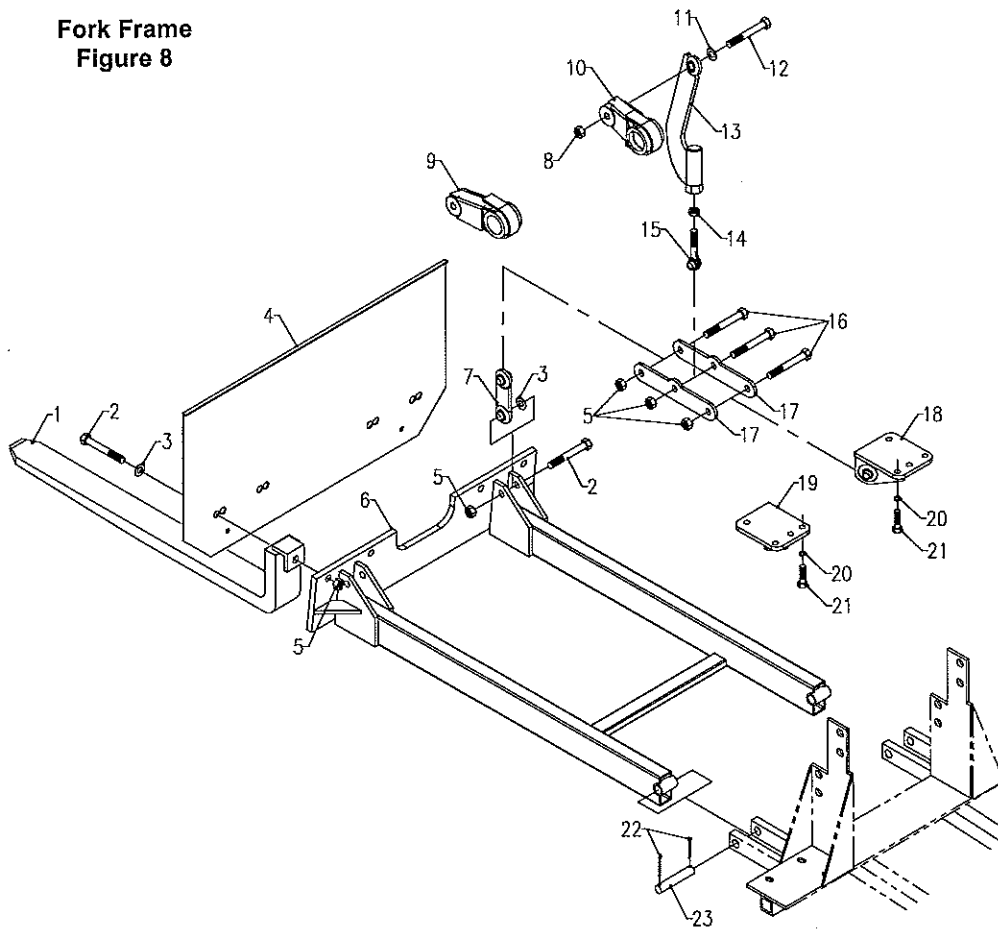
## Parts List for Figure 7

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
1	6109315	FRAME, JD TANK	1
2	REF	TANK, JD HYDRAULIC (SEE HYDRAULIC SECTION)	
3	90-0624	BOLT, 3/8-16 X 3	4
4	015907	FLAT WASHER, 3/8" HEAVY DUTY	4
5	6115259	ROD, WEIGHT SECURITY	2
6	02-PP0420	PRESTO PIN, 1/8 X 2-9/16	3
7	95-10	FLAT WASHER, 5/8 SAE	9
8	62-540	WEIGHT, 50# TRACTOR BALLAST	12
9	6109117	RETAINER, WEIGHT	1
10	99-E13	FLANGE NUT, 3/8-16	4
11	96-10	LOCK WASHER, 5/8	8
12	90-1012	BOLT, 5/8-11 X 1-1/2	8
13	6109148	BRACKET, HOSE MOUNT	1
14	07-1620035	METRIC BOLT, M16-2.00 X 35	1
15	07-2025050	METRIC BOLT, M20-2.50 X 50	6
16	07-2025065	METRIC BOLT, M20-2.50 X 65	2
17	07-C20	LOCKWASHER, 20MM	8
18	95-12	FLAT WASHER, 3/4 SAE	8

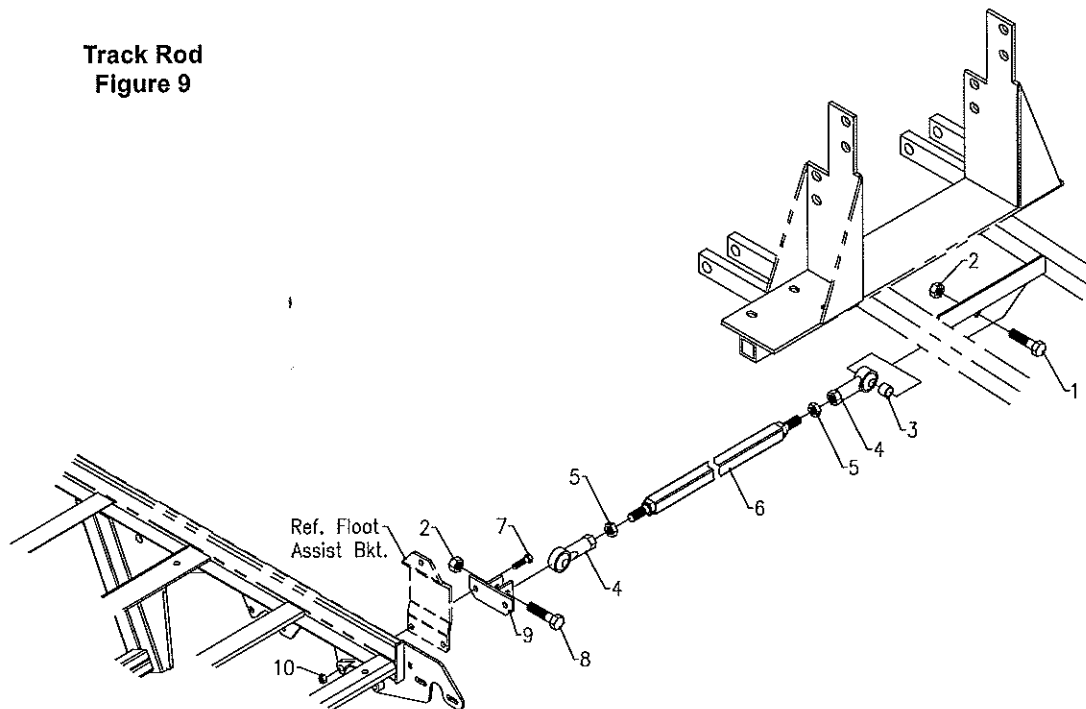
# MAIN FRAME

# section 1

Fork Frame  
Figure 8



Track Rod  
Figure 9



# MAIN FRAME

# section 1

## Parts List for Figure 8

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
1	014055	FORK, HARVESTER W/ ANGLE HOOK	2
2	90-1232	BOLT, 3/4-10 X 4	4
3	95-12	FLAT WASHER, 3/4 SAE	4
4	6109114	SHIELD, FORK (48" PALLET)	1
	6109592	SHIELD, FORK (54" PALLET)	1
5	99-A12	LOCKNUT, STOVER 3/4-10	10
6	6109449	FRAME, JD FORK WELDMENT (48" PALLET)	1
	6109573	FRAME, JD FORK WELDMENT (54" PALLET)	1
7	6109465	LINK, JD LIFT - WELDMENT	2
8	99-E43	LOCKNUT, NYLON 3/4-10	2
9	6109479	LIFT ARM, RH	1
10	6109480	LIFT ARM, LH	1
11	94-12	FLAT WASHER, 3/4 USS	2
12	90-1240	BOLT, 3/4-10 X 5	2
13	6109611	ARM, JD FORK FRAME OFFSET LIFT	2
14	F8006	NUT, JAM 1-1/8"-7	2
15	M0305	BALL END TOP LINK	2
16	90-1228	BOLT, 3/4-10 X 3-1/2	6
17	6109470	LINK, JD LIFT	4
18	6109473	ANCHOR, JD LIFT - LH	1
19	6109472	ANCHOR, JD LIFT - RH	1
20	07-C16	LOCKWASHER, 16MM	8
21	07-1620050	METRIC BOLT, M16-2.00 X 50	8
22	02-CP0612	COTTER PIN, 3/16 X 1-1/2	4
23	001797	PIN, PIVOT 1 X 5-1/2	2

## Parts List for Figure 9

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
1	90-1228	BOLT, 3/4-10 X 3-1/2	1
2	99-E43	LOCKNUT, NYLON 3/4-10	2
3	015630	SPACER, TRACK ROD MOUNTING	1
4	M0310	ROD END, 3/4" FEMALE W/ZERC	2
5	99-E27	JAM NUT, 3/4-16	2
6	6115822	TRACK ROD, JD 1565	1
7	90-0714	BOLT, 7/16-14 X 1-3/4	2
8	90-1224	BOLT, 3/4-10 X 3	1
9	6115816	MOUNT, TRACK ROD	1
10	F4008	NUT, FLANGED STOVER 7/16-14	2

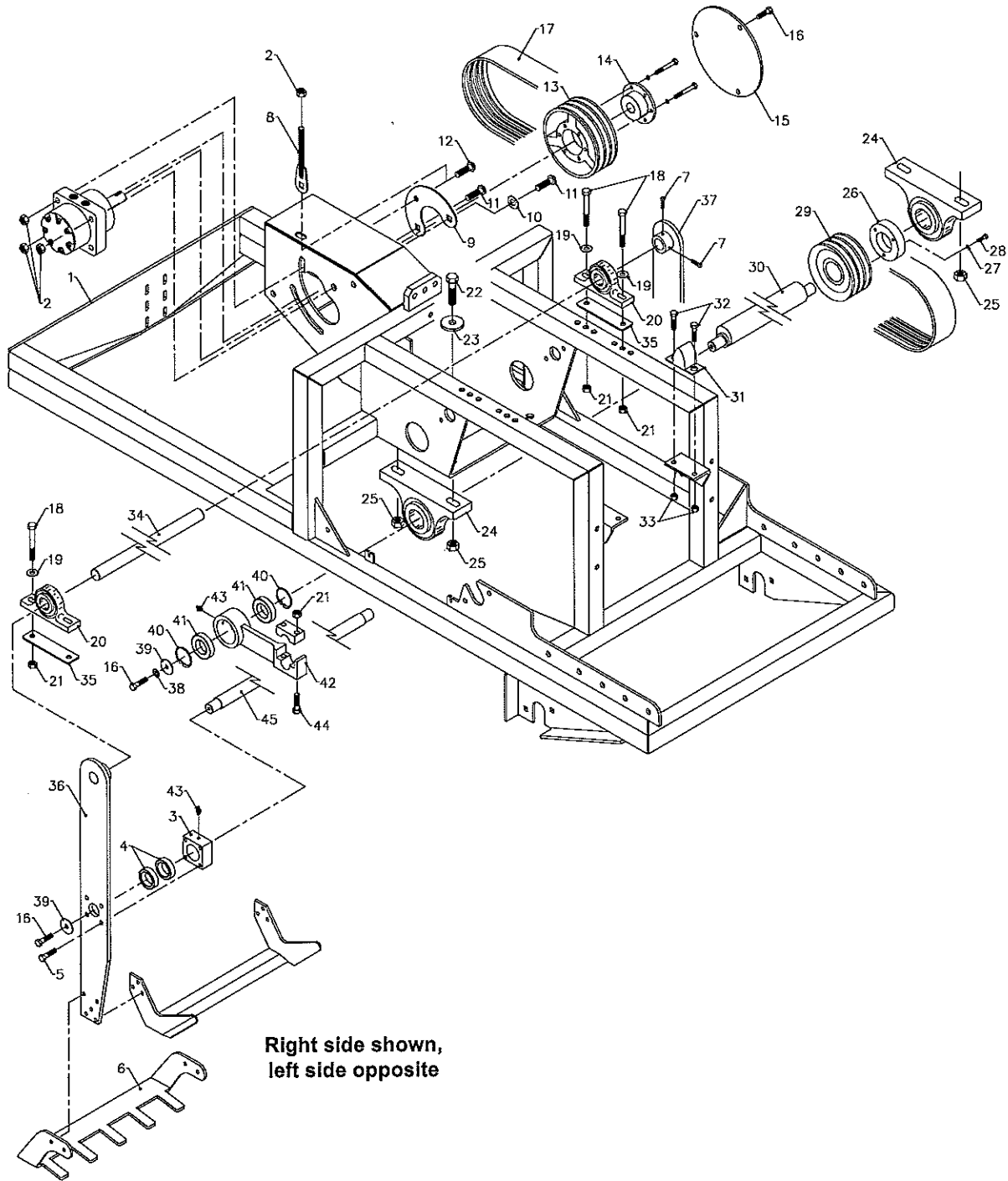


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# CUTTING HEAD

# section 2

Cutting Head Drives  
Figure 10  
(Serial No. -1102)



# CUTTING HEAD

# section 2

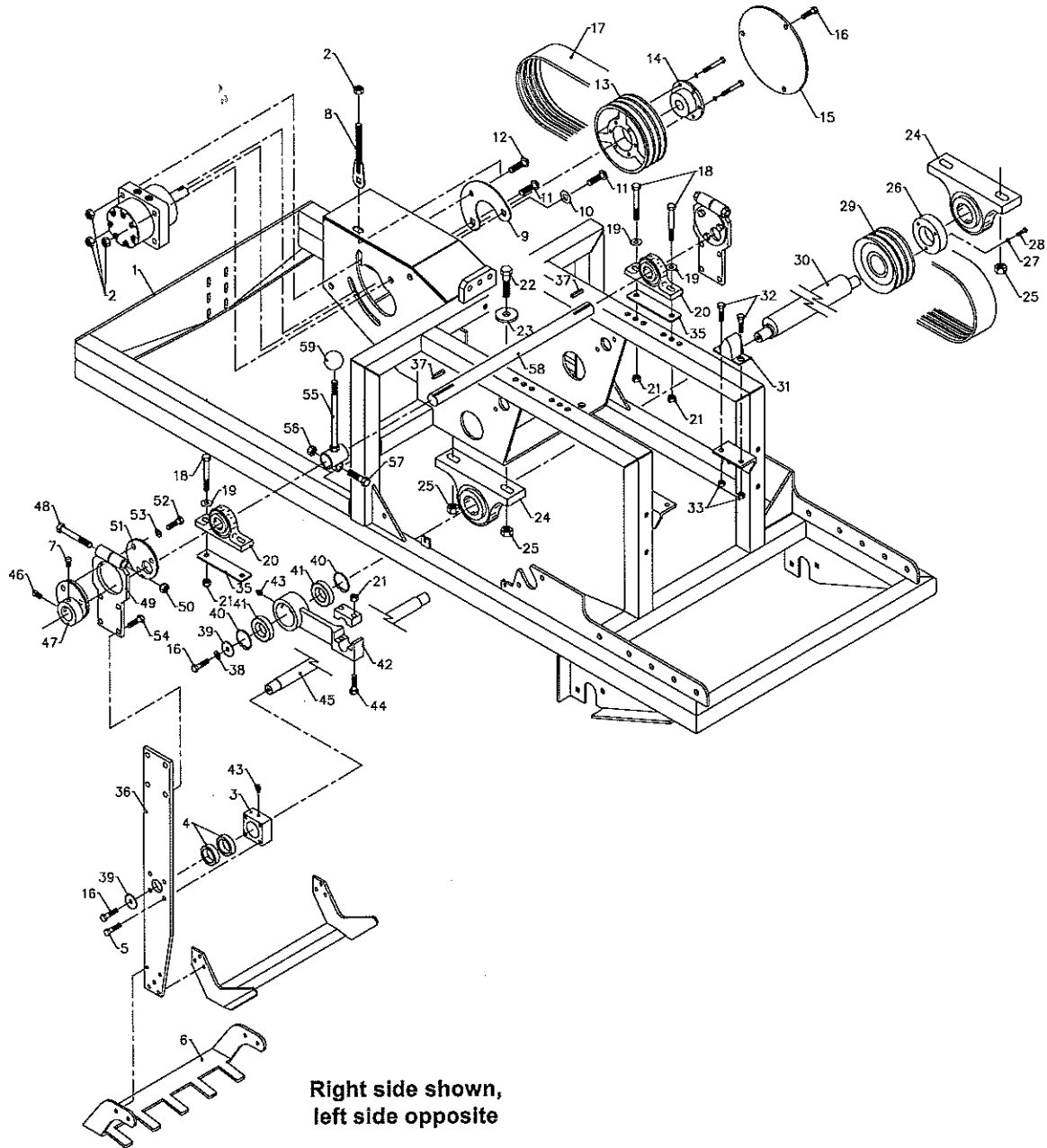
## Parts List for Figure 10 (Serial No. -1102)

Ref.	Part No.	Description	Quantity
1	6115763	16"/18" CUTTING HEAD	1
	6115767	24" CUTTING HEAD	1
2	F5018	NUT, FLANGED STOVER LOCK 1/2	4
3	001281	WRISTSHAFT MOUNTING BLOCK	2
4	B2014	BEARING, BALL 25mm	4
5	99-K22	BOLT, FLANGE 3/8 X 1-1/4	8
6	REF	SEE CUTTING BLADE OPTIONS	
7	85-SS24	SET SCREW, 1/4 X 5/8 SQ HD	4
8	016296	TENSIONER, DRIVE MOTOR	1
9	016295	SCRAPER, MOTOR SHEAVE	1
10	94-10	WASHER, FLAT 5/8	1
11	F5104	BOLT, CARRIAGE 1/2 X 2-3/4	2
12	F5102	BOLT, CARRIAGE 1/2 X 3	1
13	D2704	SHEAVE, TAPER LOCK	1
14	D3029	BUSHING, SPLIT TAPER LOCK	1
15	016228	PLATE, MOTOR COVER	1
16	99-K61	BOLT, FLANGE 3/8 X 1/2	7
17	81-3VX560	BELT, 3\3VX560	1
18	90-0732	BOLT, 7/16-14 X 4	4
19	99-B52	WASHER, 1-1/32 OD X 15/32 ID	4
20	B1003	BEARING, PILLOW BLOCK 1-1/8	2
21	F4008	NUT, FLANGED STOVER 7/16	4
22	90-1018	BOLT, 5/8 X 2-1/4	4
23	002222	CRANKSHAFT BEARING MOUNT WASHER	4
24	B1120	BEARING, PILLOW BLOCK 2"	2
25	F6010	NUT, FLANGED STOVER 5/8	4
26	D3042	BUSHING, SPLIT TAPER LOCK	1
27	96-04	LOCKWASHER, 1/4	3
28	90-0416	BOLT, 1/4 X 2	3
29	D2705	PULLEY, 4.5" 3-GROOVE	1
30	001287	CRANKSHAFT, (16/18")	1
	001288	CRANKSHAFT, (24")	1
31	014082	BUMPER, RUBBER	2
32	99-K11	BOLT, FLANGE 3/8 X 3/4	4
33	99-E13	FLANGE NUT, 3/8	4
34	6115458	SHAFT, CUTTER ARM (16/18")	1
	6115597	SHAFT, CUTTER ARM (24")	2
35	6115733	PLATE, HEAD BEARING SUPPORT	2
36	6115664	ARM, 1565 CUTTING HEAD RH	1
37	6115665	ARM, 1565 CUTTING HEAD LH	1
38	99-G04	SHAKEPROOF WASHER, 3/8	2
39	99-B16	WASHER, FENDER 3/8 X 1-1/2	2
40	G1002	RETAINING RING, INTERNAL	4
41	B2015	BEARING, BALL 25mm	4
42	001692	SPLIT CONNECTING ROD	2
43	29-010	GREASE FITTING, 1/4	4
44	90-0720	BOLT, 7/16 X 2-1/2	4
45	001525	SHAFT, WRIST (16")	1
	001526	SHAFT, WRIST (18")	1
	001527	SHAFT, WRIST (24")	1

# CUTTING HEAD

# section 2

Cutting Head Drives  
Figure 10  
(Serial No. 1103- )





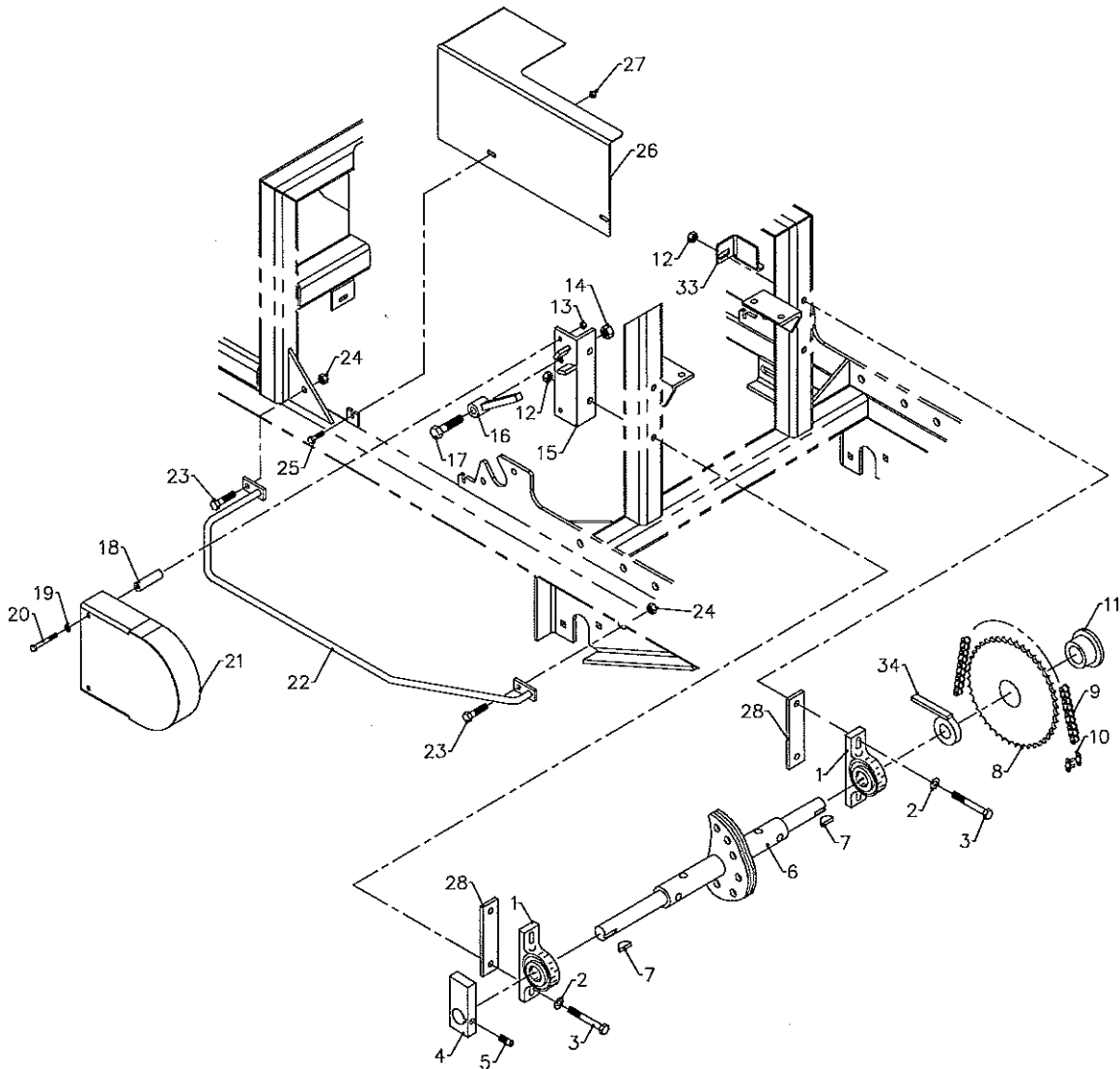
# CUTTING HEAD

# section 2

Parts List for Figure 10 (Serial No. 1103- )

Ref.	Part No.	Description	Quantity
1	6115763	16"/18" CUTTING HEAD	1
	6115767	24" CUTTING HEAD	1
2	F5018	NUT, FLANGED STOVER LOCK 1/2	4
3	001281	WRISTSHAFT MOUNTING BLOCK	2
4	B2014	BEARING, BALL 25mm	4
5	99-K22	BOLT, FLANGE 3/8 X 1-1/4	8
6	REF	SEE CUTTING BLADE OPTIONS	
7	F3602	SET SCREW, 3/8 x 1/2 SQ HD	2
8	016296	TENSIONER, DRIVE MOTOR	1
9	016295	SCRAPER, MOTOR SHEAVE	1
10	94-10	WASHER, FLAT 5/8	1
11	F5104	BOLT, CARRIAGE 1/2 X 2-3/4	2
12	F5102	BOLT, CARRIAGE 1/2 X 3	1
13	D2704	SHEAVE, TAPER LOCK	1
14	D3029	BUSHING, SPLIT TAPER LOCK	1
15	016228	PLATE, MOTOR COVER	1
16	99-K61	BOLT, FLANGE 3/8 X 1/2	7
17	81-3VX560	BELT, 3/32VX560	1
18	90-0732	BOLT, 7/16-14 X 4	4
19	99-B52	WASHER, 1-1/32 OD X 15/32 ID	4
20	B1003	BEARING, PILLOW BLOCK 1-1/8	2
21	F4008	NUT, FLANGED STOVER 7/16	4
22	90-1018	BOLT, 5/8 X 2-1/4	4
23	002222	CRANKSHAFT BEARING MOUNT WASHER	4
24	B1120	BEARING, PILLOW BLOCK 2"	2
25	F6010	NUT, FLANGED STOVER 5/8	4
26	D3042	BUSHING, SPLIT TAPER LOCK	1
27	96-04	LOCKWASHER, 1/4	3
28	90-0416	BOLT, 1/4 X 2	3
29	D2705	PULLEY, 4.5" 3-GROOVE	1
30	001287	CRANKSHAFT, (16/18")	1
	001288	CRANKSHAFT, (24")	1
31	014082	BUMPER, RUBBER	2
32	99-K11	BOLT, FLANGE 3/8 X 3/4	4
33	99-E13	FLANGE NUT, 3/8	4
34	001323	SHAFT, CUTTER ARM (16/18")	1
	001324	SHAFT, CUTTER ARM (24")	2
35	6115733	PLATE, HEAD BEARING SUPPORT	2
36	6115868	ARM, CUTTING HEAD	2
37	124422	KEY, 1/4 X 1/4 X 1-3/8	2
38	99-G04	SHAKEPROOF WASHER, 3/8	2
39	99-B16	WASHER, FENDER 3/8 X 1-1/2	2
40	G1002	RETAINING RING, INTERNAL	4
41	B2015	BEARING, BALL 25mm	4
42	001692	SPLIT CONNECTING ROD	2
43	29-010	GREASE FITTING, 1/4	4
44	90-0720	BOLT, 7/16 X 2-1/2	4
45	001525	SHAFT, WRIST (16")	1
	001526	SHAFT, WRIST (18")	1
	001527	SHAFT, WRIST (24")	1
46	F3603	SET SCREW, 3/8 X 3/4	2
47	001318	ECCENTRIC ADJUSTMENT	2
48	90-0832	BOLT, 1/2 X 4	2
49	001317	PLATE, ECCENTRIC ADJUSTMENT	2
50	99-E41	LOCKNUT, NYLON, 1/2	2
51	001320	ECCENTRIC ADJUSTMENT COVER PLATE	2
52	09-0608	BOLT, 3/8 X 1	6
53	99-G04	SHAKEPROOF WASHER, 3/8	6
54	99-K13	FLANGE BOLT, 3/8 X 1	8
55	001321	LEVER, CUTTING BLADE ADJUSTMENT	1
56	99-E40	LOCKNUT, NYLON, 3/8	1
57	90-0612	BOLT, 3/8 X 1-1/2	1
58	001323	SHAFT, ECCENTRIC ADJUSTMENT --16/18"	1
	001324	SHAFT, ECCENTRIC ADJUSTMENT -- 24"	1
59	M5001	PLASTIC KNOB	1

Cut-off Drive  
Figure 11



# CUTTING HEAD

# section 2

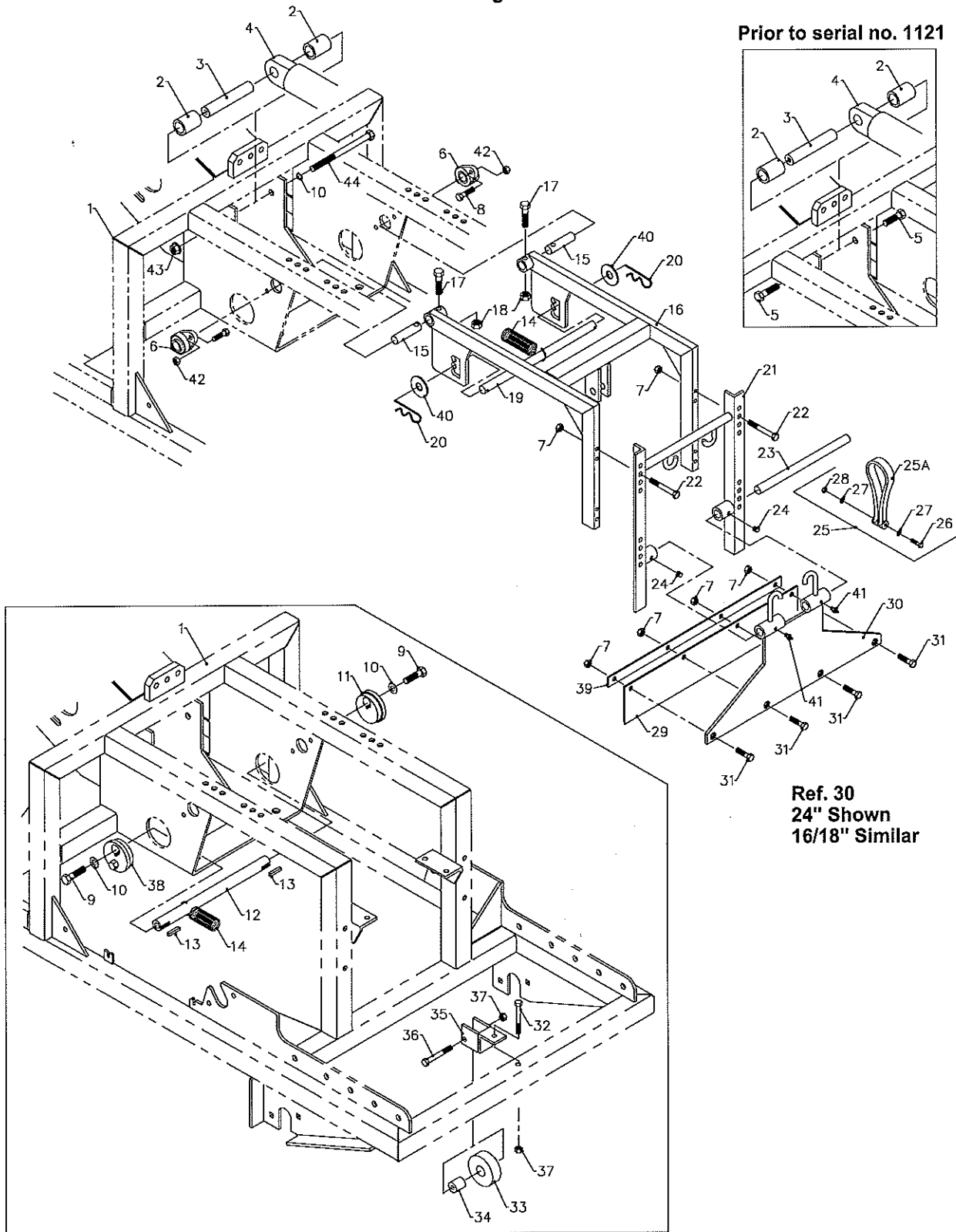
## Parts List for Figure 11

Ref.	Part No.	Description	Quantity
1	B1001	BEARING, PILLOW BLOCK 1" (16/18")	2
	B1003	BEARING, PILLOW BLOCK 1-1/8" (24")	2
2	015907	FLAT WASHER, 3/8" HEAVY DUTY (16/18")	4
	99-B52	WASHER, 1-1/32 OD X 15/32 ID (24")	4
3	90-0630	BOLT, 3/8 X 3-3/4 (16/18")	4
	90-0732	BOLT, 7/16-14 X 4 (24")	4
4	REF	STOP RETURN CAM - SEE SECTION 5	1
5	F3603	SET SCREW, 3/8 X 3/4 SQHD	1
6	002257	CAM, SLOW LIFT W/A (16/18")	1
	002258	CAM, SLOW LIFT W/A (24")	1
	002259	CAM, HIGH LIFT W/A (16/18")	1
	002260	CAM, HIGH LIFT W/A (24")	1
	6115659	CAM, SUPER LIFT W/A (16/18")	1
	6115660	CAM, SUPER LIFT W/A (24")	1
7	G8019	KEY, WOODRUFF 1/4 X 1	2
8	REF	SPROCKET - SEE SECTION 5	1
9	56-RC40	CHAIN, ROLLER, #40 /FT	A/R
10	81-056	CONNECTOR LINK, #40	1
11	REF	BUSHING - SEE SECTION 5	1
12	F3013	NUT, FLANGED STOVER LOCK 3/8 (16/18")	4
	F4008	NUT, FLANGED STOVER 7/16-14 (24")	4
13	99-E20	FLANGE NUT, 1/4	2
14	99-A08	LOCKNUT, STOVER 1/2	1
15	001568	PLATE WELDMENT, RETURN CAM STOP (16/18")	1
	001558	PLATE, RETURN CAM STOP MOUNTING (24")	1
16	001567	RETURN CAM STOP (16/18")	1
	001557	RETURN CAM STOP (24")	1
17	90-0820	BOLT, 1/2 X 2-1/2	1
18	6115697	TUBE, SHIELD STANDOFF	2
19	95-04	FLAT WASHER, 1/4 SAE	2
20	90-0422	BOLT, 1/4 X 2-3/4	2
21	6115686	SHIELD, CAM STOP WELDMENT	1
22	6115676	TOE GUARD	1
23	99-K13	BOLT, FLANGE 3/8 X 1	2
24	99-E13	FLANGE NUT, 3/8	2
25	99-K31	BOLT, FLANGE 1/4 X 1/2	3
26	6115683	SHIELD, CUTTER ARM	1
27	99-E20	FLANGE NUT, 1/4	3
28	015762	SHIM, CAMSHAFT 1/8" (16/18")	A/R
	015761	SHIM, CAMSHAFT 1/8" (24")	A/R
	002654	SHIM, CAMSHAFT 1/4" (16/18")	A/R
	002653	SHIM, CAMSHAFT 1/4" (24")	A/R
29	6115650	BRACKET, HOSE MOUNT	1
30	016711	CLAMP, SINGLE HOSE	1
31	99-E40	LOCKNUT, NYLON 3/8	1
32	90-0614	BOLT, 3/8 X 1-3/4	1
33	6115994	TAB, INDICATOR	1
34	001812	INDICATOR, FULL LENGTH (16/18")	1
	001836	INDICATOR, FULL LENGTH (24")	1

# CUTTING HEAD

# section 2

Cutting Blade Assembly  
Figure 12



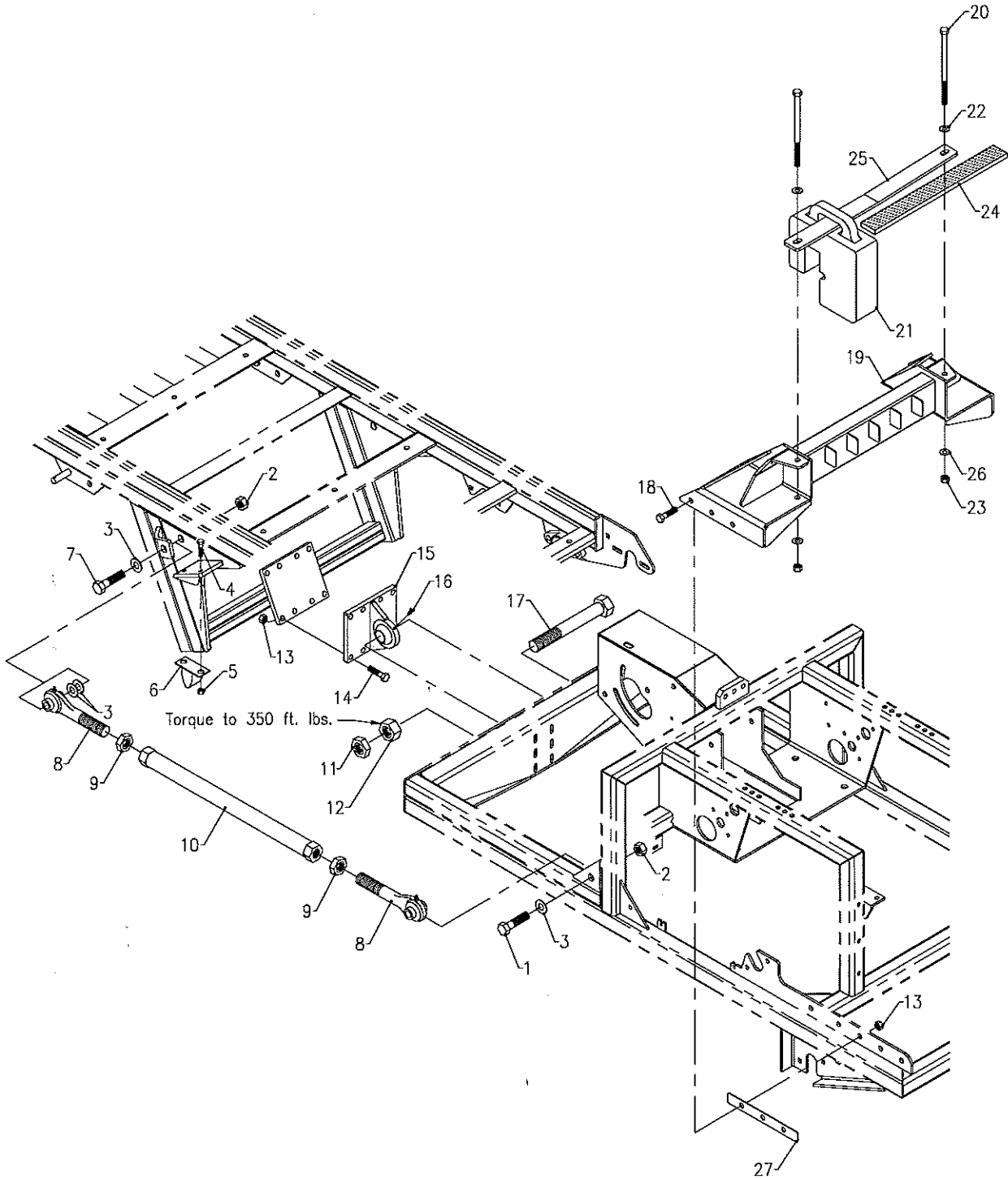
# CUTTING HEAD

# section 2

Parts List for Figure 12

Ref.	Part No.	Description	Quantity
1	REF	FRAME, CUTTING HEAD	
2	6115508	TUBE	2
3	6115507	PIVOT (PRIOR TO SERIAL NO. 1121)	1
	6109613	PIVOT, CYLINDER - TUBE (SERIAL NO. 1121 & UP)	1
4	REF	CYLINDER, 3" BORE 8" STROKE	1
5	99-K50	BOLT, FLANGE 1/2 X 1 (PRIOR TO SERIAL NO. 1121)	2
6	55-117	BEARING, 1" TWO BOLT FLANGE	2
7	99-E13	FLANGE NUT, 3/8	8
8	99-K62	BOLT, FLANGE 5/16-18 X 1-1/4	4
9	99-K64	BOLT, FLANGE 1/2 X 3/4	2
10	96-08	LOCKWASHER, 1/2	3
11	6115440	CAM, SPRING	1
12	6115441	SHAFT, SPRING (16/18")	1
	6115595	SHAFT, SPRING (24")	1
13	85-K0408	KEY, 1/4 X 1	2
14	S2006	SPRING, EXT. 1-13/16 OD X .250 (16/18")	5
	S2006	SPRING, EXT. 1-13/16 OD X .250 (24")	7
15	6115395	SHAFT	2
16	6115205	CUT OFF FRAME (16/18")	1
	6115473	CUT OFF FRAME (24")	1
17	90-0816	BOLT, 1/2 X 2	2
18	99-A08	LOCKNUT, STOVER 1/2	2
19	6115442	SHAFT, SPRING (16/18")	1
	6115596	SHAFT, SPRING (24")	1
20	G2501	PIN, HITCH CLIP #8	2
21	001301	FRAME, CUT-OFF BLADE (16/18")	1
	001445	FRAME, CUT-OFF BLADE (24")	1
22	90-0624	BOLT, 3/8 X 3	4
23	001417	PIN, BLADE PIVOT (16/18")	1
	001418	PIN, BLADE PIVOT (24")	1
24	85-SS14	SET SCREW, 3/8 X 3/8 SKTHD	2
25	001452	SPRING, URETHANE CUTOFF ASSEMBLY	2
25A	S8001	STRAP, 15" URETHANE	2
26	90-0416	BOLT, 1/4 X 2	2
27	94-04	FLAT WASHER, 1/4	4
28	99-E39	LOCKNUT, NYLON 1/4	2
29	001304	BLADE, CUT-OFF (16")	1
	001305	BLADE, CUT-OFF (18")	1
	001306	BLADE, CUT-OFF (24")	1
30	001446	MOUNT, CUT-OFF BLADE (16/18")	1
	001447	MOUNT, CUT-OFF BLADE (24")	1
31	F3701	BOLT, PLOW GR. 5	4
32	90-0622	BOLT, 3/8 X 2-3/4	1
33	001507	BUMPER, RUBBER	1
34	001764	BUSHING, RUBBER BUMPER	1
35	6115437	BRACKET	1
36	90-0618	BOLT, 3/8 X 2-1/4	1
37	99-A06	LOCKNUT, STOVER 3/8	2
38	6115667	WELDMENT, ECCENTRIC SPRING CAM	1
39	001423	CLAMP, CUTOFF BLADE (16/18")	1
	001424	CLAMP, CUTOFF BLADE (24")	1
40	94-12	FLAT WASHER, 3/4 USS (16/18")	2
	95-16	FLAT WASHER, 1" SAE (24")	2
41	29-010	GREASE FITTING, 1/4-28 SHORT (16/18")	1
	29-010	GREASE FITTING, 1/4-28 SHORT (24")	2
42	99-E12	FLANGE NUT, 5/16-18	4
43	99-E37	FLANGE NUT, 1/2-13 (SERIAL NO. 1121 & UP)	1
44	90-0856	BOLT, 1/2-13 X 7 (SERIAL NO. 1121 & UP)	1

Head Pivot Assembly & Weight Bar  
Figure 13



# CUTTING HEAD

# section 2

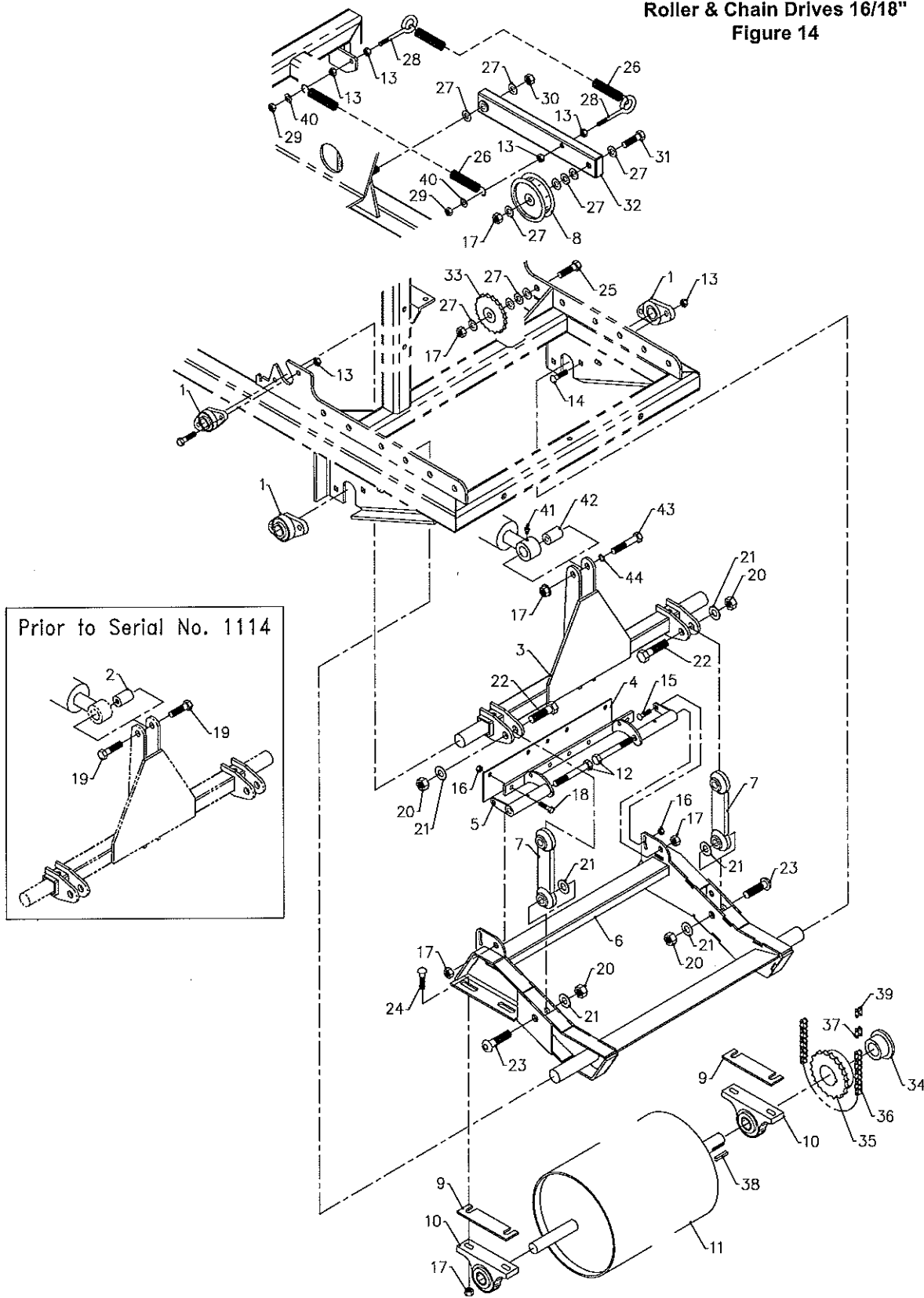
Parts List for Figure 13

Ref.	Part No.	Description	Quantity
1	90-1228	BOLT, 3/4-10 X 3-1/2	1
2	99-A12	LOCKNUT, STOVER 3/4-10	4
3	95-12	FLAT WASHER, 3/4 SAE	8
4	99-K11	BOLT, FLANGE 3/8-16 X 3/4	4
5	99-E13	FLANGE NUT, 3/8-16	4
6	014082	BUMPER, RUBBER 1-1/2 X 3-1/2	2
7	90-1232	BOLT, 3/4-10 X 4	2
8	43-012	ROD END 3/4 X 7	4
9	F8006	NUT, JAM 1-1/8"-7	4
10	6115783	ARM, LINK	2
11	99-E66	JAM NUT, 1-1/4 NC	1
12	92-20	NUT, 1-1/4 NC	1
13	99-E37	FLANGE NUT, 1/2-13	14
14	99-K56	BOLT, FLANGE 1/2-13 X 1-1/2	8
15	6115771	MOUNT, SWIVEL BALL	1
16	29-045	GREASE FITTING, 1/4-28 45-DEG	1
17	90-2044	BOLT, 1-1/4 X 5-1/2 NC	1
18	99-K50	BOLT, FLANGE 1/2-13 X 1	6
19	6115993	WEIGHT BAR, 16/18 HEAD	1
	6115992	WEIGHT BAR, 24" HEAD	1
20	90-0868	BOLT, 1/2 X 8-1/2 NC-13	2
21	62-540	WEIGHT, 50# TRACTOR BALLAST	6
22	94-08	FLAT WASHER, 1/2 USS	2
23	99-E41	LOCKNUT, NYLON 1/2-13	2
24	Q7475	WEATHERSTRIP, 1/2 X 2 ADHESIVE	19"
25	6115990	BAR, HOLD DOWN	1
26	95-08	FLAT WASHER, 1/2 SAE	2
27	6109602	SHIM, WEIGHT BAR	A/R

# CUTTING HEAD

# section 2

Roller & Chain Drives 16/18"  
Figure 14





# CUTTING HEAD

# section 2

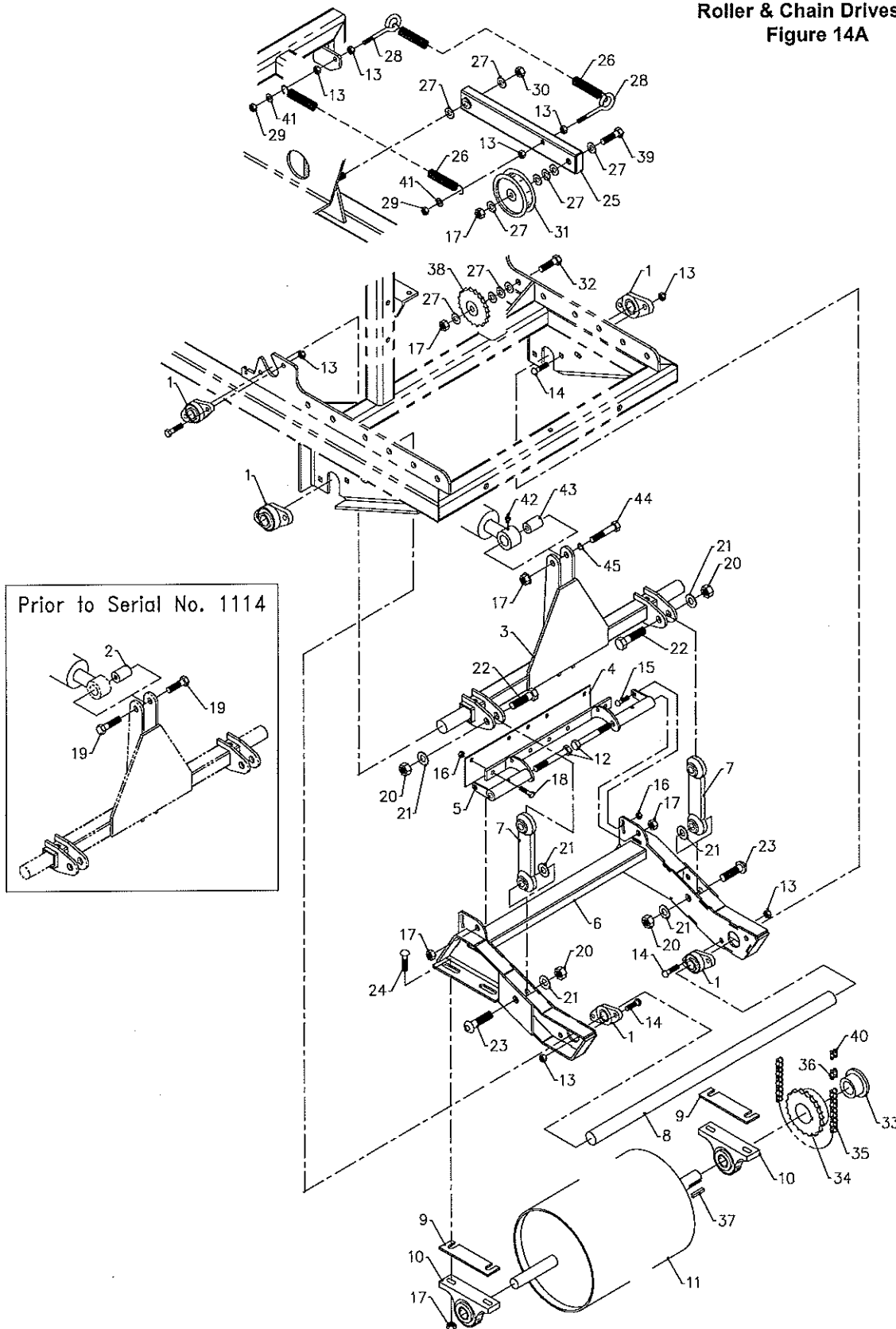
Parts List for Figure 14

Ref.	Part No.	Description	Quantity
1	B0122	BEARING, 1-1/4" 2 BOLT FLANGE	4
2	6115506	SPACER	1
3	6115983	ROLLER DEPTH CRANK (16/18")	1
4	001326	BLADE, SCRAPER (16")	1
	001327	BLADE, SCRAPER (18")	1
5	6115491	SCRAPER FRAME, (16/18")	1
6	6115883	FRAME, 16/18 ROLLER MOUNTING	1
7	6115104	LIFT LINK	2
8	D2902	SHEAVE, BELT IDLER (RIVETED)	1
9	002295	SHIM, 10 GA.	A/R
	002296	SHIM, 16 GA.	A/R
	002297	SHIM, 22 GA.	A/R
10	B1111	BEARING, PILLOW BLOCK 1-1/4	2
11	015997	ROLLER, 8" DIA. (16")	1
	015998	ROLLER, 8" DIA. (18")	1
12	90-0844	BOLT, 1/2 X 5-1/2	2
13	99-E13	FLANGE NUT, 3/8	12
14	97-0610	CARRIAGE BOLT, 3/8 X 1-1/4	8
15	97-0506	CARRIAGE BOLT, 5/16 X 3/4	2
16	99-E12	FLANGE NUT, 5/16	7
17	99-E37	FLANGE NUT, 1/2	10
18	99-K19	BOLT, FLANGE 5/16 X 3/4	5
19	99-K64	BOLT, FLANGE 1/2 X 3/4	2
20	99-A10	LOCKNUT, STOVER 5/8	4
21	95-10	FLAT WASHER, 5/8 SAE	6
22	90-1018	BOLT, 5/8 X 2-1/4	2
23	99-K98	BOLT, 5/8 X 2-1/4 BHSCS	2
24	97-0814	BOLT, CARRIAGE 1/2 X 1-3/4	4
25	99-K82	BOLT, FLANGE 1/2-13 X 2	1
26	S2003	SPRING, EXTENSION	2
27	95-08	FLAT WASHER, 1/2 SAE	A/R
28	99-K18	EYE-BOLT, 3/8 X 3-7/8	2
29	99-A06	LOCKNUT, STOVER 3/8-16	2
30	99-A08	LOCKNUT, STOVER 1/2-13	1
31	90-0824	BOLT, 1/2-13 X 3	1
32	6115877	IDLER ARM	1
33	83-4017E08	IDLER, #40 SPROCKET 17 TOOTH	1
34	83-H18	BUSHING, 1-1/8" H	1
35	REF	SEE SECTION 5	1
36	56-RC40	CHAIN, ROLLER, #40 /FT	A/R
37	81-056	CONNECTOR LINK, #40	1
38	124422	KEY, 1/4 X 1/4 X 1-3/8	1
39	81-076	HALFLINK, #40	A/R
40	95-06	FLAT WASHER, 3/8 SAE	2
41	29-010	GREASE FITTING, 1/4-28 SHORT	1
42	6115979	SPACER	1
43	90-0822	BOLT, 1/2-13 X 2-3/4	1
44	96-08	LOCK WASHER, 1/2	1

# CUTTING HEAD

# section 2

Roller & Chain Drives 24"  
Figure 14A



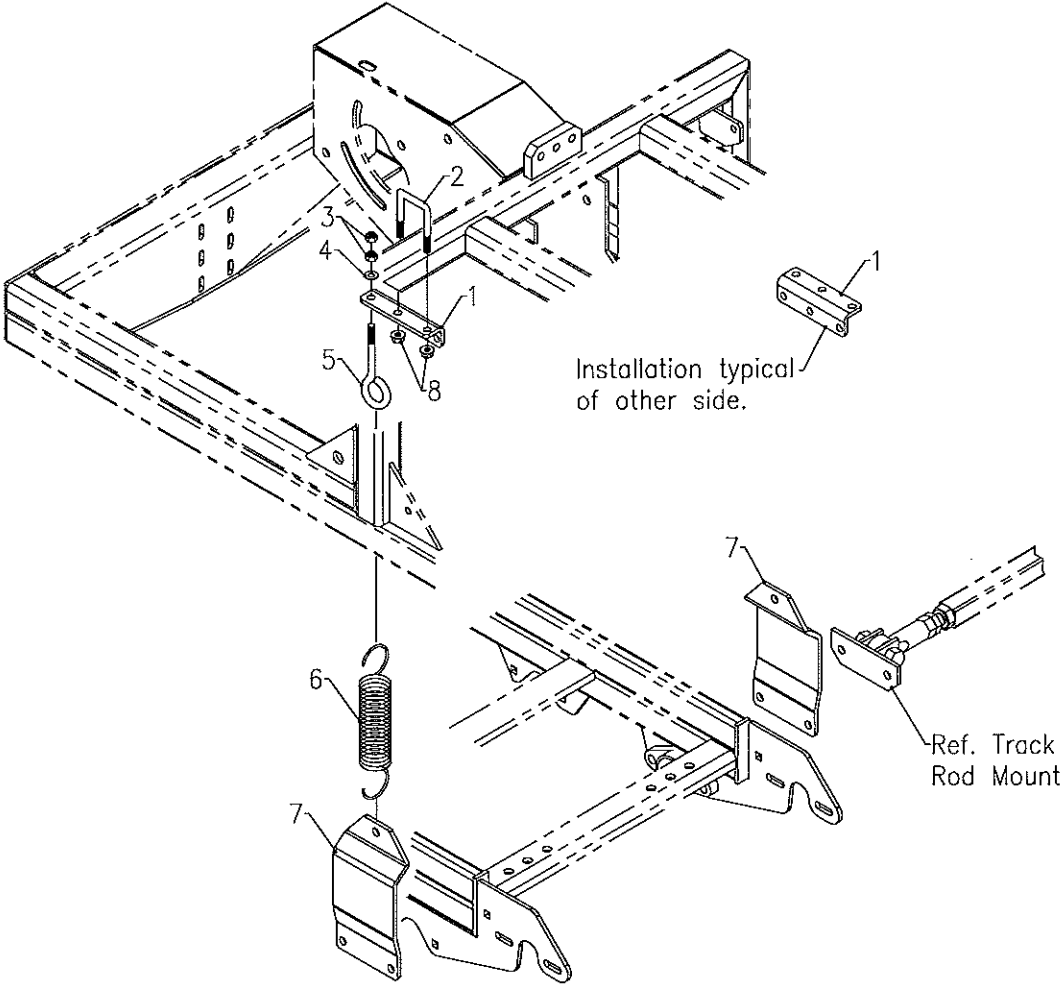
# CUTTING HEAD

# section 2

## Parts List for Figure 14A

Ref.	Part No.	Description	Quantity
1	B0122	BEARING, 1-1/4" 2 BOLT FLANGE	6
2	6115506	SPACER	1
3	6115975	ROLLER DEPTH CRANK (24")	1
4	001328	BLADE, SCRAPER (24")	1
5	6115509	SCRAPER FRAME, (24")	1
6	6115888	FRAME, 24" ROLLER MOUNTING	1
7	6115104	LIFT LINK	2
8	6115477	SHAFT, ROLLER MOUNT (24")	1
9	002295	SHIM, 10 GA.	A/R
	002296	SHIM, 16 GA.	A/R
	002297	SHIM, 22 GA.	A/R
10	B1111	BEARING, PILLOW BLOCK 1-1/4	2
11	015999	ROLLER, 8" DIA. (24")	1
12	90-0844	BOLT, 1/2 X 5-1/2	2
13	99-E13	FLANGE NUT, 3/8	16
14	97-0610	CARRIAGE BOLT, 3/8 X 1-1/4	12
15	97-0506	CARRIAGE BOLT, 5/16 X 3/4	2
16	99-E12	FLANGE NUT, 5/16	7
17	99-E37	FLANGE NUT, 1/2	9
18	99-K19	BOLT, FLANGE 5/16 X 3/4	5
19	99-K64	BOLT, FLANGE 1/2 X 3/4	2
20	99-A10	LOCKNUT, STOVER 5/8	4
21	95-10	FLAT WASHER, 5/8 SAE	6
22	90-1018	BOLT, 5/8 X 2-1/4	2
23	99-K98	BOLT, 5/8 X 2-1/4 BHSCS	2
24	97-0812	BOLT, CARRIAGE 1/2 X 1-1/2	4
25	6115877	IDLER ARM	1
26	S2003	SPRING, EXTENSION	2
27	95-08	FLAT WASHER, 1/2 SAE	A/R
28	99-K18	EYE-BOLT, 3/8 X 3-7/8	2
29	99-A06	LOCKNUT, STOVER 3/8-16	2
30	99-A08	LOCKNUT, STOVER 1/2-13	1
31	D2902	SHEAVE, BELT IDLER (RIVETED)	1
32	99-K82	BOLT, FLANGE 1/2-13 X 2	1
33	83-H20	BUSHING, 1-1/4" H	1
34	REF	SEE SECTION 5	1
35	56-RC40	CHAIN, ROLLER, #40 /FT	A/R
36	81-056	CONNECTOR LINK, #40	1
37	124422	KEY, 1/4 X 1/4 X 1-3/8	1
38	83-4017E08	IDLER, #40 SPROCKET 17 TOOTH	1
39	90-0824	BOLT, 1/2-13 X 3	1
40	81-076	HALFLINK, #40	1
41	95-06	FLAT WASHER, 3/8 SAE	2
42	29-010	GREASE FITTING, 1/4-28 SHORT	1
43	6115979	SPACER	1
44	90-0822	BOLT, 1/2-13 X 2-3/4	1
45	96-08	LOCK WASHER, 1/2	1

**Float Assist  
Serial No. 1038 & Up  
Figure 14B**

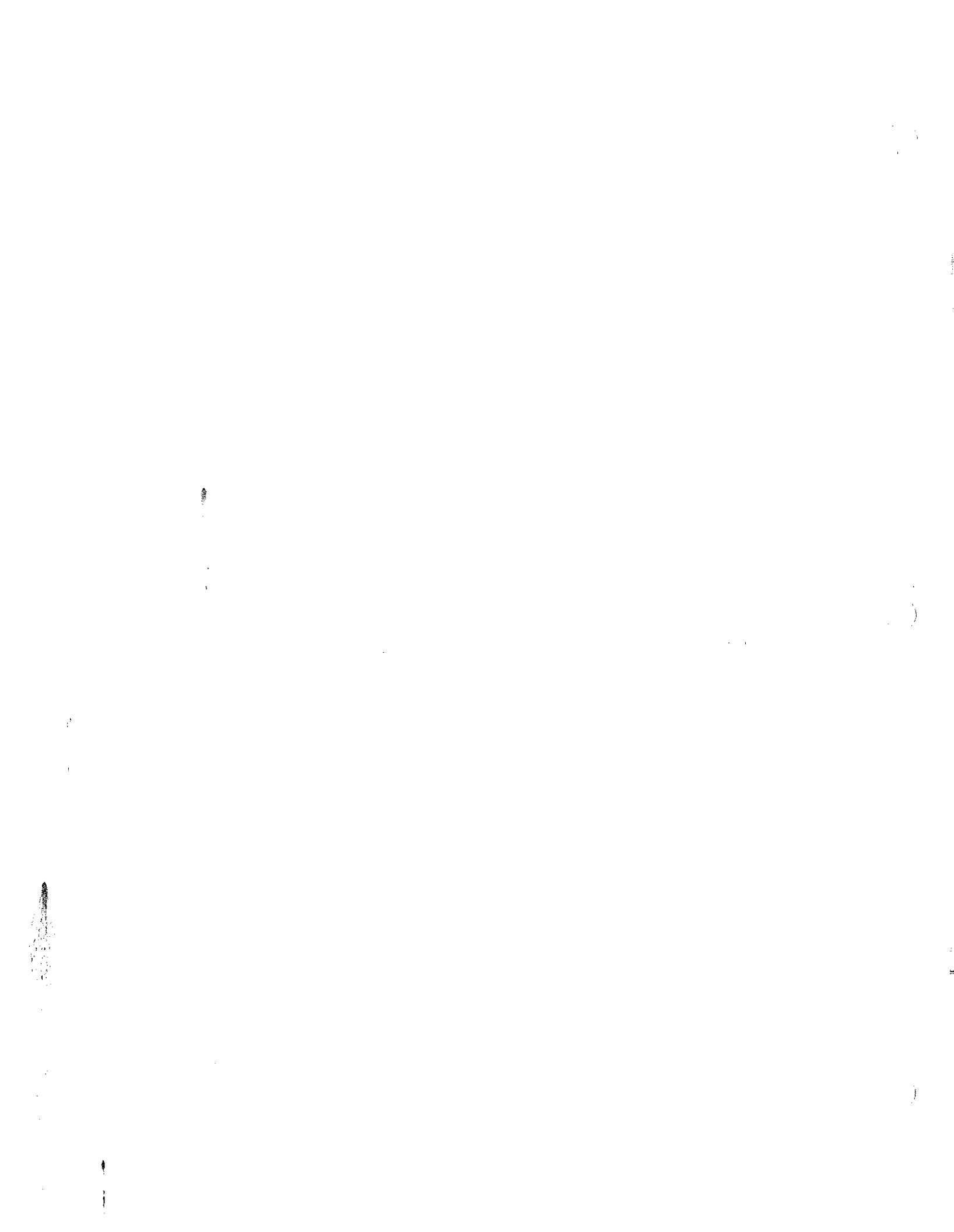


# CUTTING HEAD

# section 2

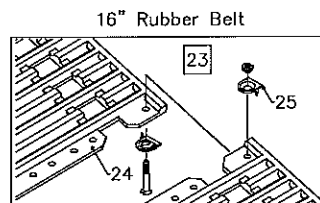
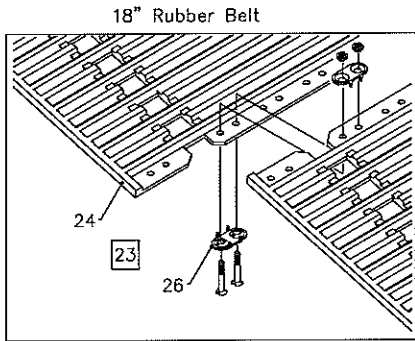
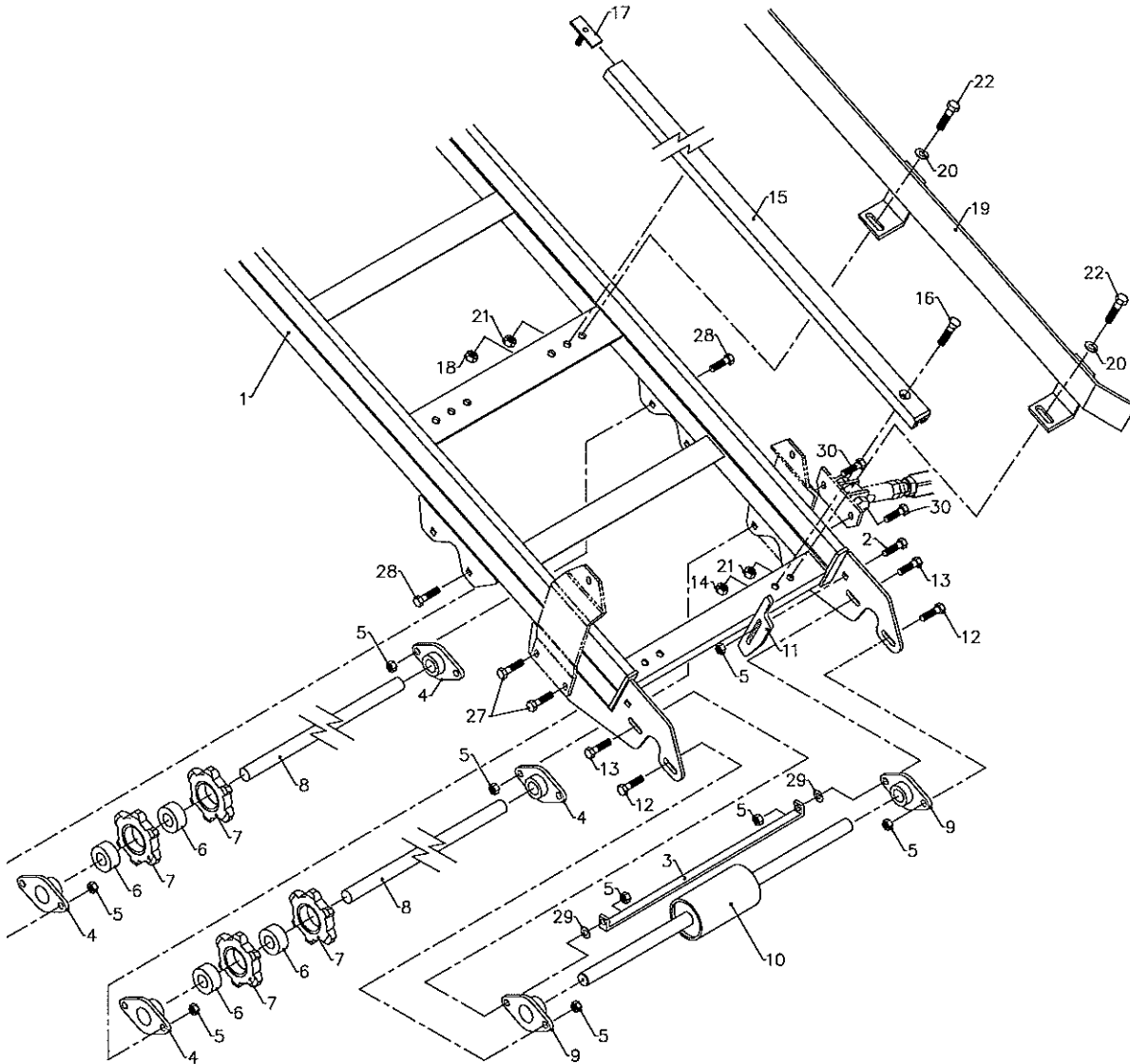
## Parts List for Figure 14B

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
1	6115962	BRACKET, FLOAT ASSIST	2
2	99-K49	U-BOLT, 2"ID X 2-3/4 LG SQUARE	2
3	92-06	NUT, 3/8-16	4
4	95-06	FLAT WASHER, 3/8 SAE	2
5	99-K87	EYE-BOLT, 3/8-16 X 5	2
6	S2006	SPRING, EXT 1-13/16 OD X .250	2
7	6115963	BRACKET, FLOAT ASSIST LOWER	2
8	99-E13	FLANGE NUT, 3/8-16	4



<b>CONTENTS</b>	<b>PAGE</b>
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**Front Idlers & Sliders  
Rubber Mat, 16" & 18"  
Figure 15**





# BASIC CONVEYOR

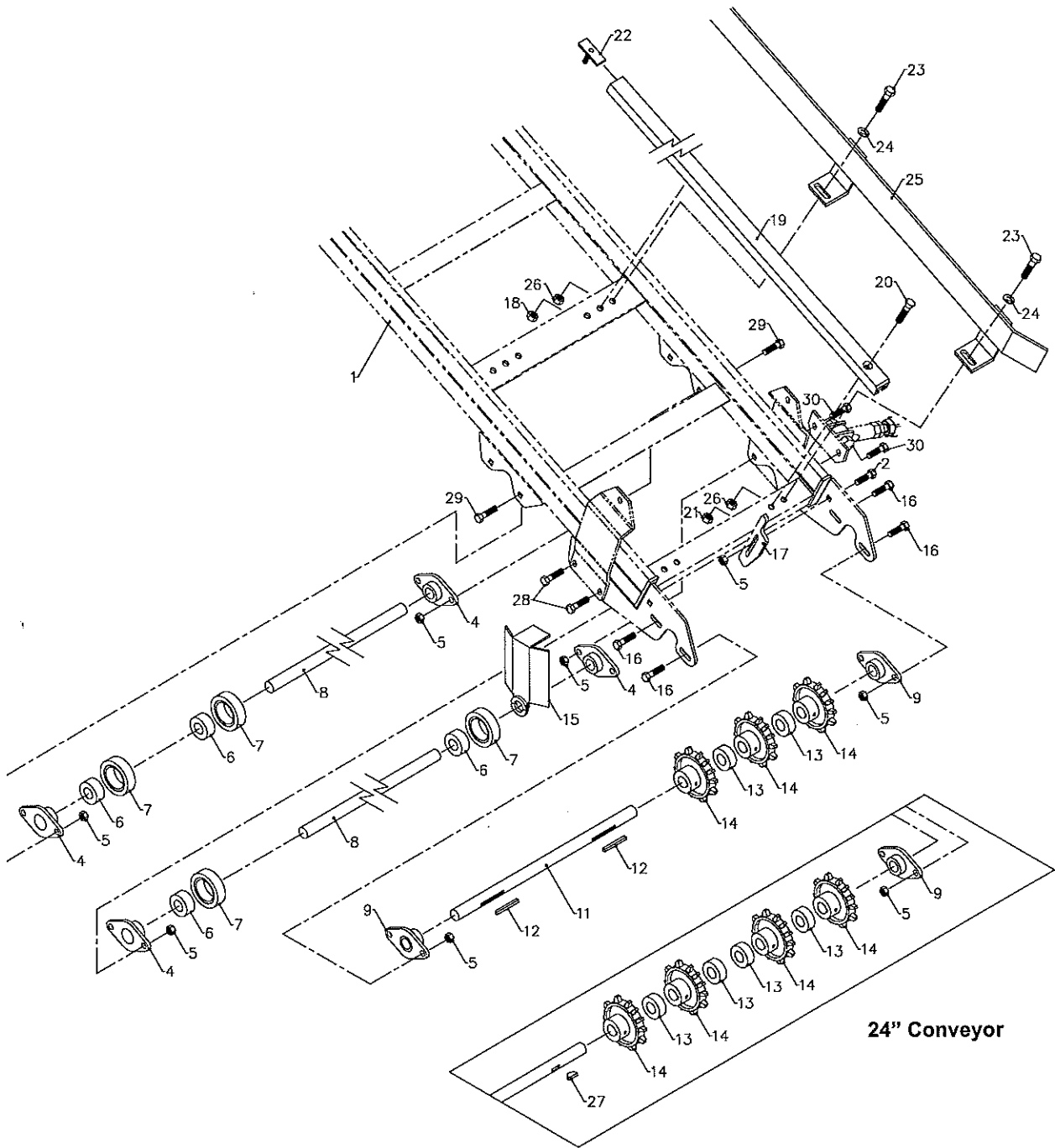
# section 3

## Parts List for Figure 15

Ref.	Part No.	Description	Quantity
1	6115772	CONVEYOR, 16"/18" 1565	1
	6115773	CONVEYOR, 24" 1565	1
2	F4101	BOLT, CARRIAGE 7/16 X 1-1/4	2
3	016383	SCRAPER, CROWN ROLLER	1
4	016382	FLANGE, SHAFT	4
	F2607	SCREW, HEX SOCKET SET	2
5	F4008	NUT, FLANGED STOVER 7/16	14
6	B2022	BEARING, BALL 1" (SETSCREW)	4
7	014268	DRIVE SPROCKET	4
8	009472	SHAFT, FRONT IDLER	2
9	55-FB23016	BEARING, 2-BOLT FLANGE 1"	2
10	016633	ROLLER, CROWN	1
11	016352	PLATE, ADJUSTER WEDGE	2
12	F4104	BOLT, CARRIAGE 7/16 X 1-1/2	2
13	F4105	BOLT, CARRIAGE 7/16 X 1-3/4	2
14	99-E41	LOCKNUT, NYLON 1/2	2
15	016361	SLIDER, CONVEYOR	2
16	F5736	SCREW, HEX SOC FLAT HEAD	2
17	016661	SLIDER, T-BOLT	6
18	F3013	NUT, FLANGED STOVER LOCK	6
19	016425	GUIDE, SOD LH (16")	1
*	016426	GUIDE, SOD RH (16")	1
20	95-08	FLAT WASHER, 1/2 SAE (16")	6
21	F5012	NUT, JAM NYLON 1/2 (16")	6
22	99-K59	BOLT, 1/2 X 1 BUTTON HEAD (16")	6
23	A02009	KIT, 16" RUBBER BELT ASSEMBLY	1
	A02010	KIT, 18" RUBBER BELT ASSEMBLY	1
24	002636	BELT, 16" CONVEYOR	1
	002637	BELT, 18" CONVEYOR	1
25	002641	HALF MAT SPLICER (16" only)	2
26	G8008	MAT SPLICER (16")	3
	G8008	MAT SPLICER (18")	5
*	M5016	NUT DRIVER	1
*	03-028	CLIP, TRACK (WIDE)	A/R
27	90-0712	BOLT, 7/16-14 X 1-1/2	2
28	90-0710	BOLT, 7/16-14 X 1-1/4	4
29	99-B52	WASHER, 1-1/32 OD X 15/32 ID	2
30	90-0714	BOLT, 7/16-14 X 1-3/4	2

\* Not Illustrated

**Front Idlers & Sliders  
Mintex Mat, 16", 18" & 24"  
Figure 16**



# BASIC CONVEYOR

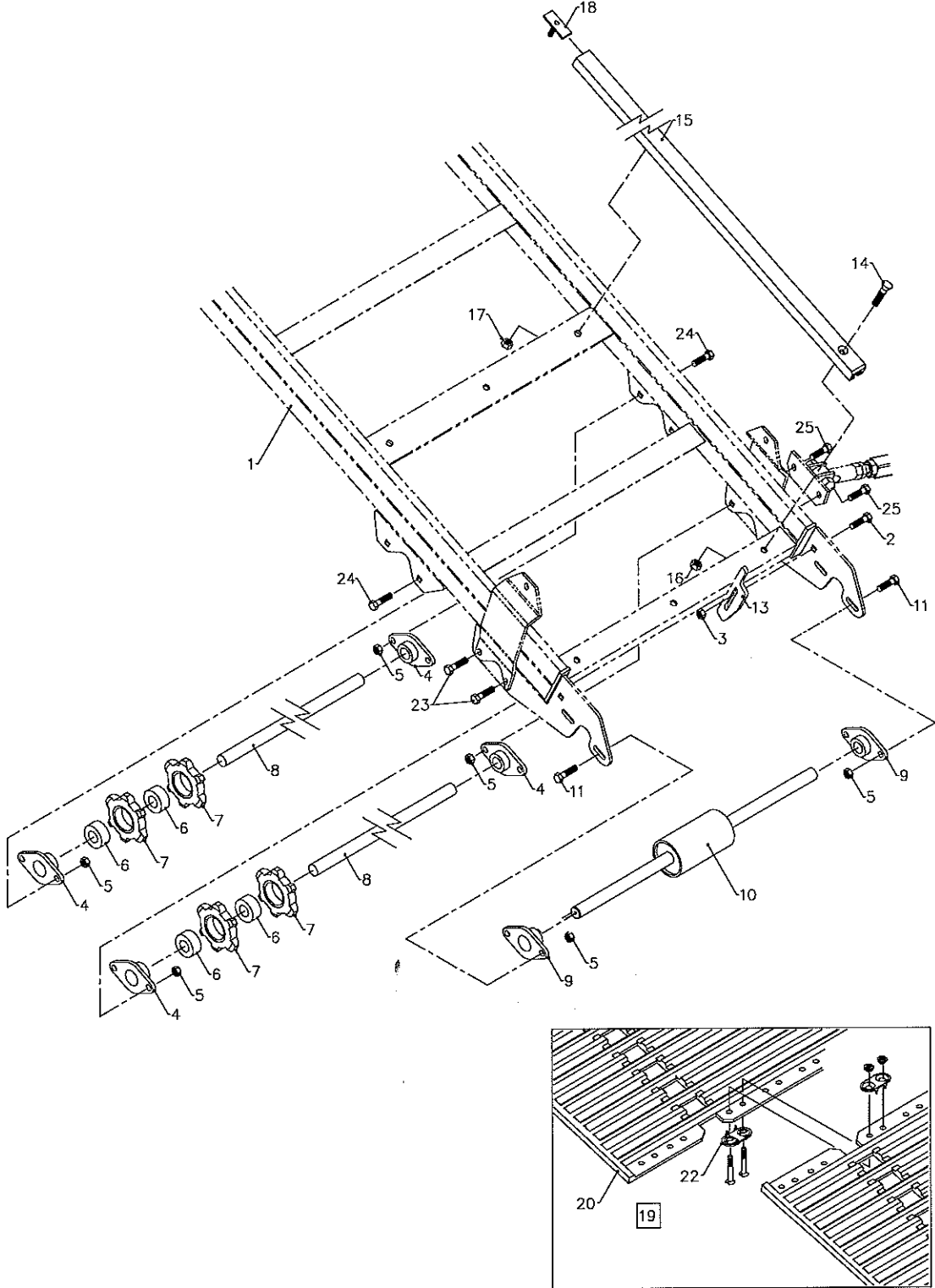
# section 3

## Parts List for Figure 16

Ref.	Part No.	Description	Quantity
1	REF	CONVEYOR FRAME	
2	F4101	BOLT, CARRIAGE 7/16 X 1-1/4	2
4	016382	FLANGE, SHAFT	4
	F2607	SET SCREW, 5/16 X 1/4 SKTHD	1
6	B2022	BEARING, BALL 1" (SETSCREW) (16/18")	4
	B2022	BEARING, BALL 1" (SETSCREW) (24")	8
7	014074	IDLER ROLLER (16/18")	4
	014074	IDLER ROLLER (24")	8
8	009472	SHAFT, 16/18"	2
	016683	SHAFT, 24"	2
9	55-FB23016	BEARING, 2-BOLT FLANGE 1"	2
10	90-0814	BOLT, 1/2 X 1-3/4	4
11	016649	SHAFT, IDLER - 16/18"	1
	016650	SHAFT, IDLER - 24"	1
12	124422	KEY, 1/4 X 1/4 X 1-3/8 (16/18")	2
13	85-SC16	SET COLLAR (16/18")	2
	85-SC16	SET COLLAR (24")	4
14	014058	SPROCKET, THIN	3
15	002206	GUIDE, MAT (18/24")	1
16	F4104	BOLT, CARRIAGE 7/16 X 1-1/2	2
17	016352	PLATE, ADJUSTER WEDGE	2
18	F3013	NUT, FLANGED STOVER LOCK (16/18")	6
	F3013	NUT, FLANGED STOVER LOCK (24")	9
19	016361	SLIDER, CONVEYOR (16/18")	2
	016361	SLIDER, CONVEYOR (24")	3
20	F5736	SCREW, HEX SOCKET FLAT HEAD (16/18")	2
	F5736	SCREW, HEX SOCKET FLAT HEAD (24")	3
21	99-E41	LOCKNUT, NYLON 1/2 (16/18")	2
	99-E41	LOCKNUT, NYLON 1/2 (24")	3
22	016661	SLIDER, T-BOLT (16/18")	6
	016661	SLIDER, T-BOLT (24")	9
23	99-K59	BOLT, 1/2 X 1 BUTTON HEAD (16")	6
24	95-08	FLAT WASHER, 1/2 SAE (16")	6
25	016425	GUIDE, SOD LH (16")	1
	016426	GUIDE, SOD RH (16")	1
26	F5012	NUT, JAM NYLON 1/2 (16")	6
27	G8019	KEY, WOODRUFF 1/4 X 1 (24")	3
*	001510	BELT, MINTEX CONVEYOR 16"	1
*	001511	BELT, MINTEX CONVEYOR 18"	1
*	001512	BELT, MINTEX CONVEYOR 24"	1
*	A03485	ASSEMBLY, MAT CONNECTOR - 16"	1
*	A03487	ASSEMBLY, MAT CONNECTOR - 18"	1
*	A03484	ASSEMBLY, MAT CONNECTOR - 24"	1
28	90-0712	BOLT, 7/16-14 X 1-1/2	2
29	90-0710	BOLT, 7/16-14 X 1-1/4	4
30	90-0714	BOLT, 7/16-14 X 1-3/4	2

\* Not Illustrated

**Front Idlers & Sliders  
Rubber Mat, 24"  
Figure 17**



# BASIC CONVEYOR

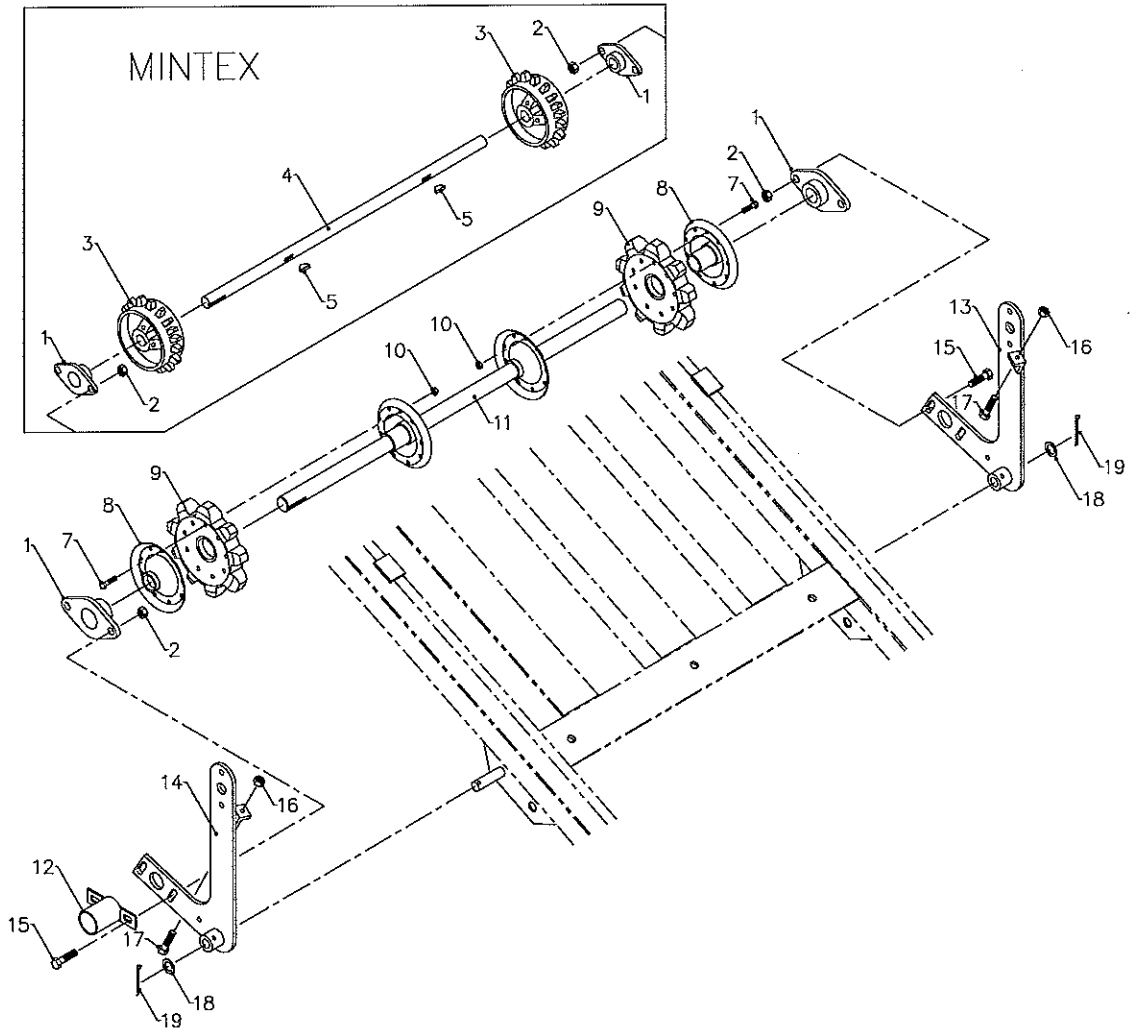
## section 3

### Parts List for Figure 17

Ref.	Part No.	Description	Quantity
1	REF	FRAME, CONVEYOR (24")	1
2	F4101	BOLT, CARRIAGE 7/16 X 1-1/4	2
3	F4008	LOCKNUT, FLANGED STOVER 7/16	2
4	016382	FLANGE, SHAFT	4
	F2607	SET SCREW, 5/16 X 1/4 SKTHD	1
5	F4008	NUT, FLANGED STOVER	12
6	B2022	BEARING, BALL 1" (SETSCREW)	4
7	014268	SPROCKET	4
8	016683	SHAFT, IDLER	2
9	55-FB23016	BEARING, 2-BOLT FLANGE 1"	2
10	002625	CROWN ROLLER, (24")	1
11	F4104	BOLT, CARRIAGE 7/16 X 1-1/2	4
12	90-0814	BOLT, 1/2 X 1-3/4	4
13	016352	PLATE, ADJUSTER WEDGE	2
14	F5736	SCREW, HEX SOC. FLAT HD.	3
15	016361	SLIDER, CONVEYOR	3
16	99-E41	LOCKNUT, NYLON 1/2	3
17	F3013	NUT, FLANGED STOVER LOCK	9
18	016661	SLIDER T-BOLT	9
19	A02011	KIT, 24" RUBBER BELT ASSEMBLY	1
20	002638	BELT, 24" CONVEYOR	1
22	G8008	MAT SPLICER	7
*	M5016	NUT DRIVER	1
*	03-028	CLIP, TRACK (WIDE)	A/R
23	90-0712	BOLT, 7/16-14 X 1-1/2	2
24	90-0710	BOLT, 7/16-14 X 1-1/4	4
25	90-0714	BOLT, 7/16-14 X 1-3/4	2

\* Not Illustrated

**Mid Idler Assembly  
Figure 18**



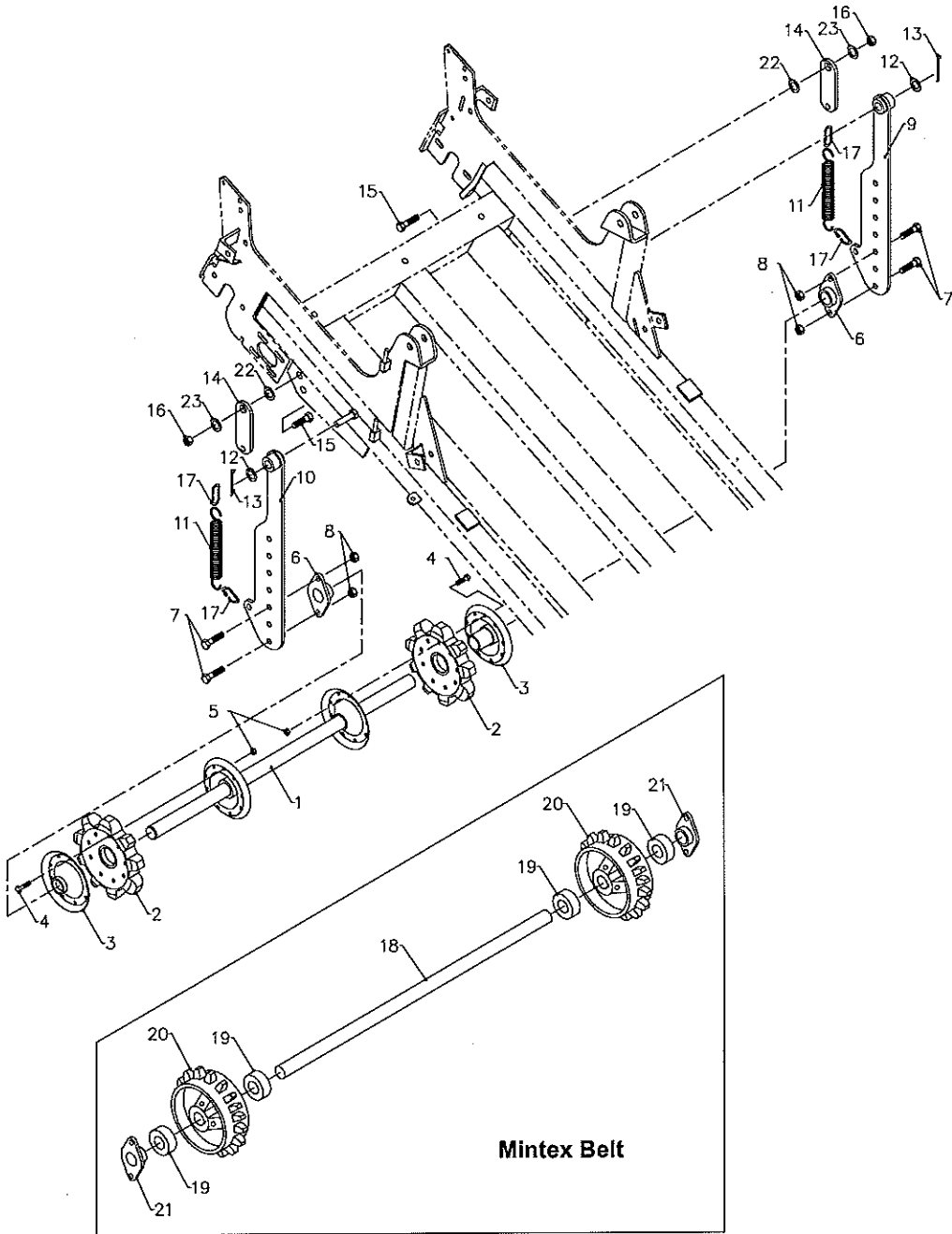
# BASIC CONVEYOR

# section 3

## Parts List for Figure 18

Ref.	Part No.	Description	Quantity
1	B0105	BEARING, 3/4" FLANGE	2
2	F3013	NUT, FLANGED STOVER LOCK	4
3	001576	SPROCKET, 4" CAST	2
	85-SS09	SET SCREW, 5/16 X 3/8 SKTHD	2
	A03680	ASSY, IDLER SHAFT 16" MINTEX (INCL. REF 1, 3, 4, 5)	1
	A03681	ASSY, IDLER SHAFT 18" MINTEX (INCL. REF 1, 3, 4, 5)	1
	A03682	ASSY, IDLER SHAFT 24" MINTEX (INCL. REF 1, 3, 4, 5)	1
4	001406	SHAFT, DRIVE- 4" ROLLER 16-18"	1
	001407	SHAFT, DRIVE- 4" ROLLER 24"	1
5	85-W0306	KEY, WOODRUFF 3/16 X 3/4	2
6	REF	FRAME, CONVEYOR	
7	90-0406	BOLT, 1/4 X 3/4	18
8	D8001	FLANGE, SPROCKET	2
9	83-053	SPROCKET, 9 TOOTH BROUWER	2
10	99-E39	LOCKNUT, NYLON 1/4	18
11	014128	SHAFT, IDLER 16/18"	1
	002611	SHAFT, IDLER 24"	1
12	015558	IDLER SHAFT GUARD - SLABBER ONLY	1
13	001405	MID IDLER ARM LH	1
	29-010	GREASE FITTING, 1/4	1
14	001404	MID IDLER ARM RH	1
	29-010	GREASE FITTING, 1/4	1
15	99-K73	BOLT, FLANGE 3/8 X 1-1/2	4
16	99-E21	JAM NUT, 3/8	1
17	F3748	BOLT, RUBBER HEAD 3/8	1
18	F6051	WASHER, FLAT 5/8" ID X 1" OD X .063"	2
19	02-CP0512	COTTER PIN, 5/32 X 1-1/2	2

**Tensioning Belt Idler  
Figure 19**





# BASIC CONVEYOR

## section 3

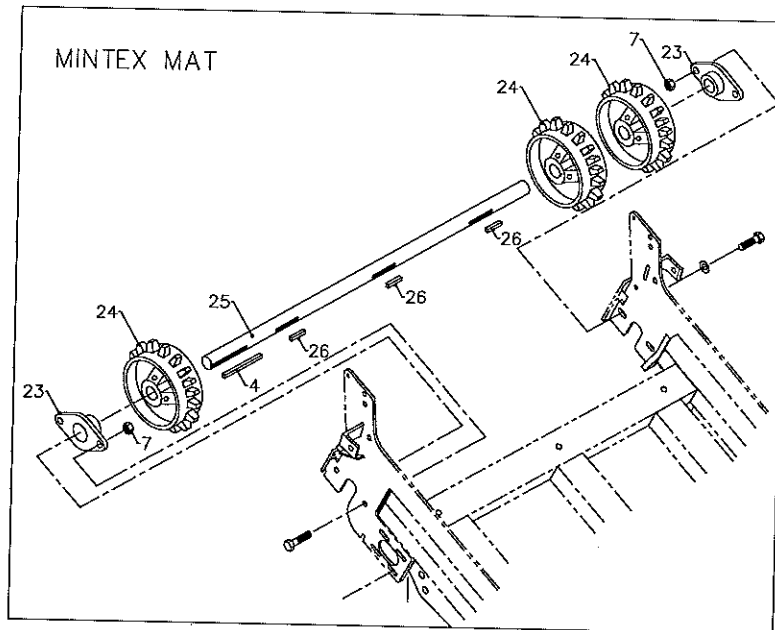
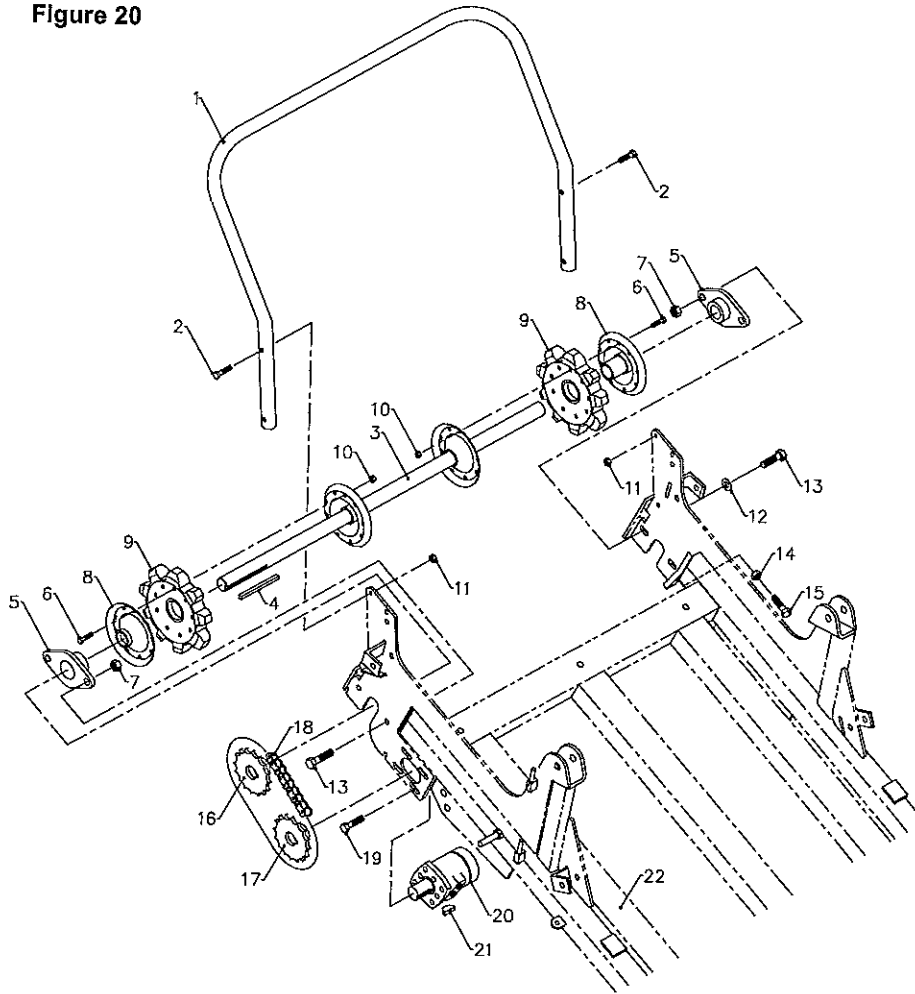
Parts List for Figure 19

Ref.	Part No.	Description	Quantity
1	016647	SHAFT, IDLER 16/18" RUBBER MAT	1
	002612	SHAFT, IDLER 24" RUBBER MAT	1
2	83-053	SPROCKET, 9 TOOTH BROUWER	2
3	D8001	FLANGE, SPROCKET	2
4	90-0406	BOLT, 1/4 X 3/4	18
5	99-E39	LOCKNUT, NYLON 1/4	18
6	B0121	BEARING, 1", 2 BOLT FLANGE	2
7	99-K73	BOLT, FLANGE 3/8 X 1-1/2	4
8	F3013	NUT, FLANGED STOVER 3/8-16	4
9	016637	TENSION ARM LH	1
	29-010	GREASE FITTING, 1/4	1
	016638	TENSION ARM RH	1
10	29-010	GREASE FITTING, 1/4	2
11	S2003	SPRING, TENSION	2
12	F6051	WASHER, FLAT 5/8" ID	2
13	02-CP0512	COTTER PIN, 5/32 X 1-1/2	2
14	016640	MOUNT, IDLER SPRING	2
15	90-1012	BOLT, 5/8 X 1-1/2	2
16	99-A10	LOCKNUT, STOVER 5/8-11 NC	4
17	G8084	QUICK LINK, 3/16	1
18	016648	SHAFT, 16/18"	1
	002615	SHAFT, 24" IDLER	4
19	85-SC16	SET COLLAR, 1"	2
20	001351	SPROCKET, 6" CAST	2
21	B0121	BEARING, 1", 2 BOLT FLANGE	2
22	F6051	WASHER, FLAT 5/8 ID X 1 OD X .063 THK	2
23	95-10	FLAT WASHER, 5/8 SAE	2

# BASIC CONVEYOR

## section 3

Conveyor Drive  
Figure 20



# BASIC CONVEYOR

# section 3

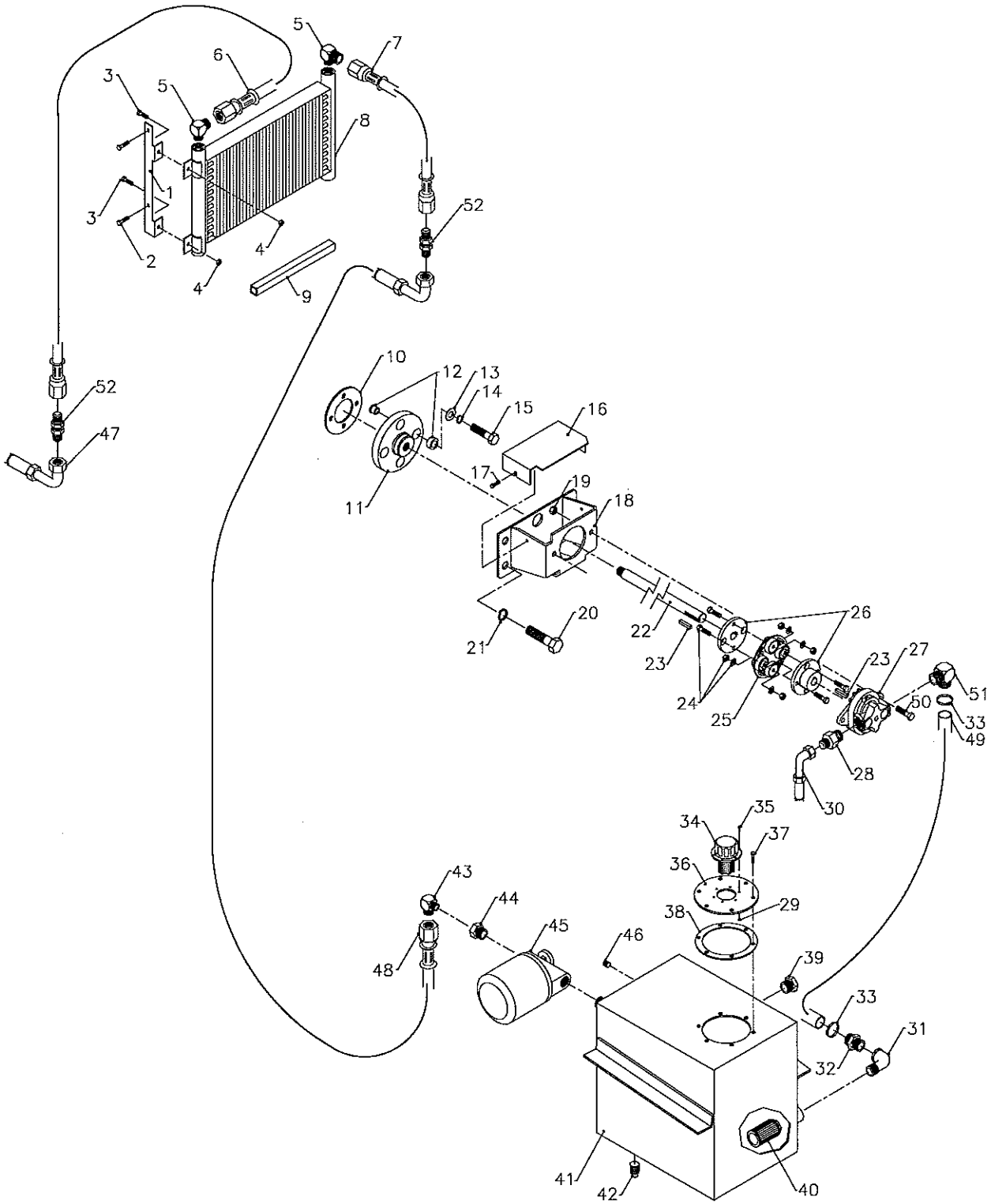
## Parts List for Figure 20

Ref.	Part No.	Description	Quantity
1	016379	TUBE, HANDRAIL- 16/18"	1
	016380	TUBE, HANDRAIL- 24"	1
2	90-0512	BOLT, 5/16 X 1-1/2	4
3	014081	SHAFT, CONVEYOR DRIVE- 16/18"	1
	002599	SHAFT, CONVEYOR DRIVE- 24"	1
4	124458	KEY, 1/4 X 1/4 X 3-5/8	1
5	55-FB23016	BEARING, 2-BOLT FLANGE 1"	2
6	90-0406	BOLT, 1/4 X 3/4	18
7	F4008	NUT, FLANGED STOVER	4
8	D8001	FLANGE, SPROCKET	2
9	83-053	SPROCKET, 9 TOOTH BROUWER	2
10	99-E39	LOCKNUT, NYLON 1/4	18
	90-0716	BOLT, 7/16 X 2 (CROSS CONVEYOR)	4
11	99-E12	FLANGE NUT, 5/16	4
12	99-B52	WASHER, 1-1/32 OD X 15/32 ID	2
	95-08	WASHER, FLAT 1/2 SAE (CROSS CONVEYOR)	8
13	90-0712	BOLT, 7/16 X 1-1/2	4
14	92-06	NUT, 3/8	1
15	99-K33	BOLT, 3/8 X 2 HEX TAP	1
16	D1216	SPROCKET, FIXED: #50 X 16T X 1" BORE	1
17	D1202	SPROCKET, FIXED: #50 X 18T X 1" BORE	1
18	56-RC50	CHAIN, ROLLER- #50	1
	81-055	HALFLINK, #50	1
	81-053	CONNECTOR LINK, #50	1
19	99-K13	BOLT, FLANGE 3/8 X 1	4
20	REF	MOTOR, HYDRAULIC	1
21	G8019	KEY, WOODRUFF 1/4 X 1	1
22	REF	FRAME, CONVEYOR	
	A03685	ASSEMBLY, DRIVE SHAFT 16" MINTEX MAT	1
	A03686	ASSEMBLY, DRIVE SHAFT 18" MINTEX MAT	1
	A03687	ASSEMBLY, DRIVE SHAFT 24" MINTEX MAT	1
23	55-FB23016	BEARING, 2-BOLT FLANGE 1"	2
24	001351	SPROCKET, 6" CAST	3
	85-SS14	SET SCREW, 3/8 X 3/8 SKTHD	2
25	001349	SHAFT, CONVEYOR DRIVE 16/18"	1
	001350	SHAFT, CONVEYOR DRIVE 24"	1
26	124422	KEY, 1/4 X 1/4 X 1-3/8	3



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Hydraulic Tank, Pump, & Oil Cooler  
Figure 21



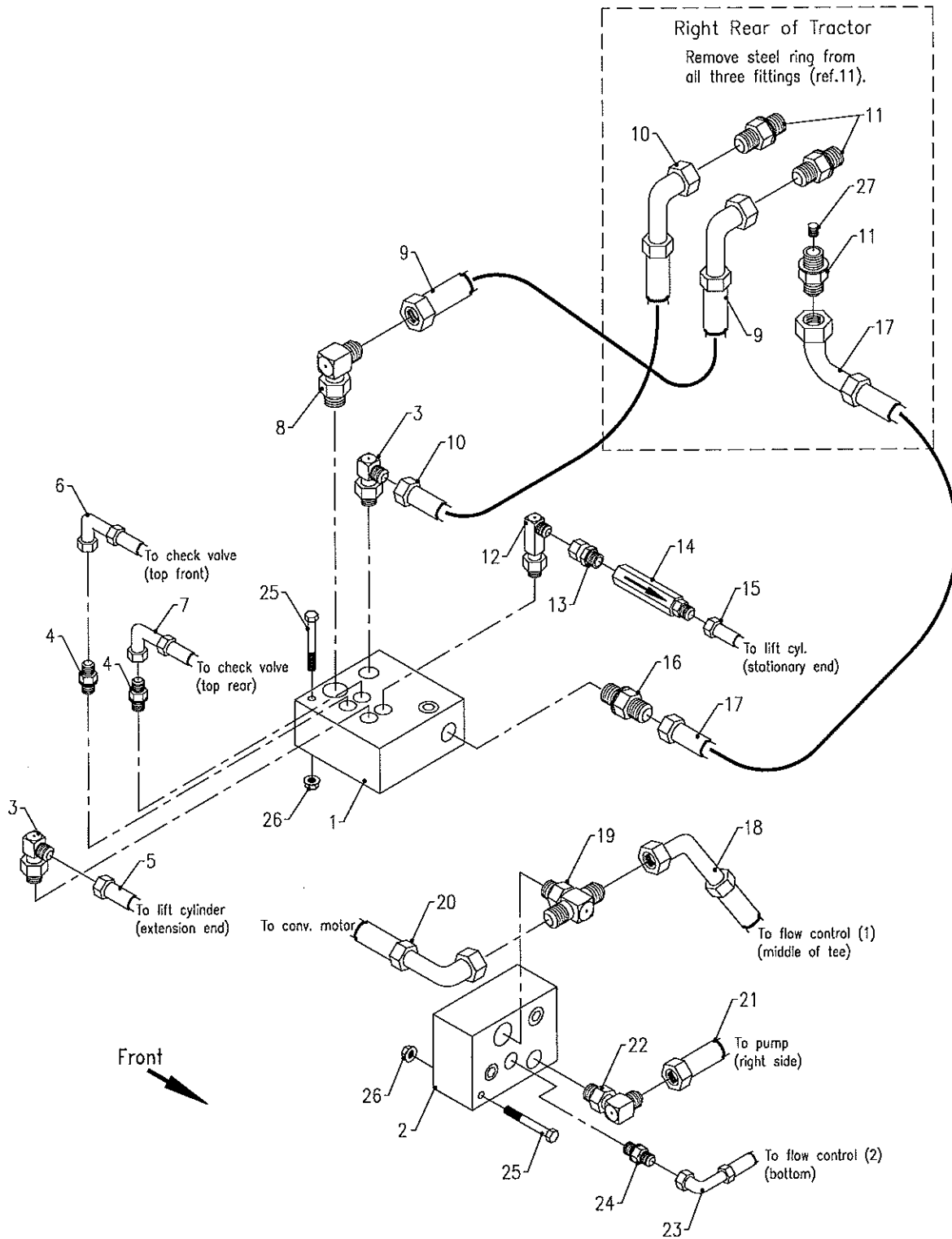
# HYDRAULICS

# section 4

## Parts List for Figure 21

Ref.	Part No.	Description	Quantity
1	6109027	MOUNT, COOLER RH	1
	6109028	MOUNT, COOLER LH	1
2	07-0812516D933	METRIC BOLT, M8-1.25 X 16 FULL THREAD	4
3	90-0506	BOLT, 5/16 X 3/4	4
4	99-E12	FLANGE NUT, 5/16	4
5	25-2503-12-12	FITTING, 90-12M ORB X -12MJIC	2
6	20-164	HOSE, 3/4 X 51 -12 FJIC	1
7	20-165	HOSE, 3/4 X 22 -12 FJIC	1
8	21-113	COOLER, OIL	1
9	6109167	SPACER, BATTERY	1
10	6109048	SPACER, PUMP PULLEY FLANGE	1
11	002239	FLANGE-PUMP DRIVE	1
12	001425	BUSHING, PUMP FLANGE	4
13	95-07	FLAT WASHER, 7/16 SAE	4
14	96-07	LOCK WASHER, 7/16	4
15	90-0712	BOLT, 7/16 X 1-1/2	4
16	6109151	SHIELD, COUPLER	1
17	07-1620035	METRIC BOLT, M16-2.00 X 35	1
18	6109116	BRACKET, PUMP MOUNT	1
19	99-E37	FLANGE NUT, 1/2	2
20	90-1208	BOLT, 3/4 X 1	4
21	96-12	LOCK WASHER, 3/4	4
22	6109115	DRIVESHAFT, PUMP	1
23	85-K0408	KEY, 1/4 X 1	2
24	87-201	BOLT SET, 502	1
25	87-202	MEMBER, 502 CENTER	1
26	87-203	COUPLER, MOD. MORFLEX FLANGE	2
27	H0401	PUMP, HYDRAULIC	1
28	25-6400-12-16	FITTING, STR ORB 16 - MJIC 12	1
29	F0003	LOCKNUT, NYLON #10-24	6
30	20-225	HOSE, 5/8X150-10FJICX-12FJIC90D	1
31	H1074	FITTING, ELBOW-1" 90 STREET	1
32	H9101	FITTING,STR -20 M ORB/-16 FPT	1
33	G8102	CLAMP, HOSE-"T" BOLT TYPE	2
34	H8074	PRESSURE FILLER BREATHER	1
35	01-016	SCREW, MACHINE 10-24 X 1	6
36	6115846	COVER, HYDRAULIC TANK	1
37	99-K27	BOLT, FLANGE 1/4 X 1	6
38	202662	GASKET, 6 BOLT HYDRAULIC TANK COVER	1
39	H9103	FITTING, SIGHT GLASS	1
40	H5018	STRAINER, SUCTION	1
41	6109228	TANK, HYDRAULIC	1
42	H8011	PLUG, MAGNETIC 3/4 NPT	1
43	H6023	FITTING, 90 -12 MPT X -12 M JIC	1
44	H2024	FITTING, REDUCER-20 MPT/-12 FPT	1
45	H5019	FILTER: HEAD & ELEMENT & GAUGE	1
	H5020	FILTER, OIL ELEMENT FOR H5019	
	H9105	FITTING, GAUGE 0-25 PSI X 1/8"	1
46	29-054	PIPE PLUG, 3/8 NPT SOCKET HEAD	1
47	20-224	HOSE, 3/4X105-12FJICX-12FJIC90D	1
48	20-163	HOSE, 3/4 X 94 12FJIC X 12FJIC 90	1
49	016084	HOSE, SUCTION 100R4 1.25 X 17.5	1
50	90-0812	BOLT, 1/2-13 X 1-1/2	2
51	25-4601-20-20	FITTING, 90 -12 M ORB/-12 M JIC	1
52	25-0353-12-12	FITTING, STR BULKHEAD -12 MJIC	2

Control Valve  
Figure 22





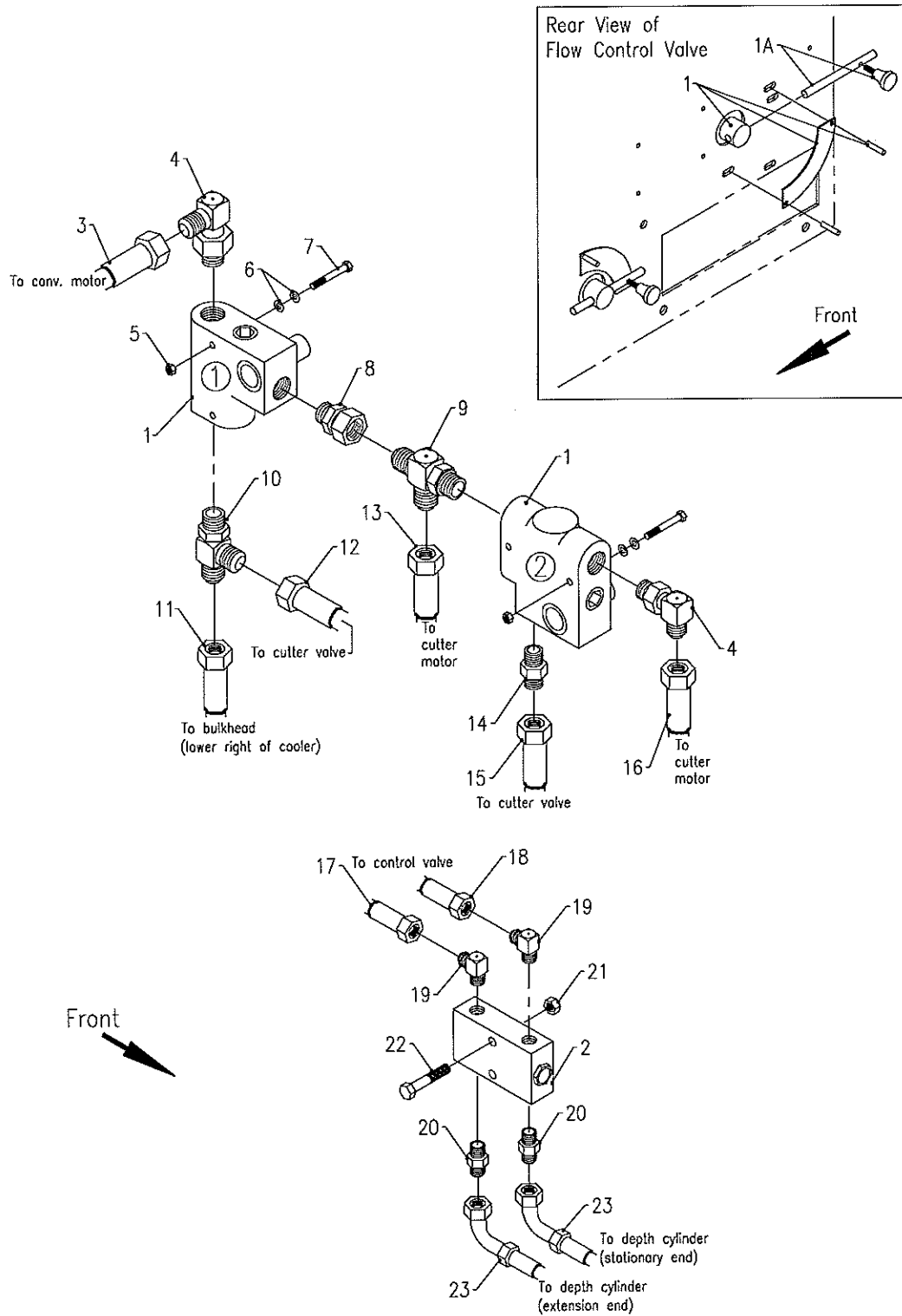
# HYDRAULICS

# section 4

## Parts List for Figure 22

Ref.	Part No.	Description	Quantity
1	23-193	VALVE, LIFT AND DEPTH CONTROL	1
2	23-192	VALVE, CUTTER CONTROL	1
3	25-2503-8-8	FITTING, 90 -8 M ORB X -8 M JIC	2
4	25-0503-8-6	FITTING, STR -8 M ORB/-6 M JIC	2
5	20-228	HOSE, 3/8X100-8FJICX-8FJIC	1
6	20-229	HOSE, 1/4X50-6FJICX-6FJIC90DEG	1
7	20-229	HOSE, 1/4X50-6FJICX-6FJIC90DEG	1
8	25-2503-12-12	FITTING, 90 -12 M ORB/-12 M JIC	1
9	20-231	HOSE, 3/4X58-12FJICX-12FJIC45DE	1
10	20-227	HOSE, 5/8X58-8FJICX-12FJIC45DEG	1
11	25-9068-12-22	FITTING, M22-1.5 TO 12MJIC ADP	3
12	25-6801-LL-8	FITTING, 90 -8 EX-LONG MORB/ -8	1
13	25-6402-08-08	FITTING, 8M ORING TO 8FJIC ADP	1
14	23-073	VALVE, FLOW RESTRICTOR (125)	1
15	20-240	HOSE, 3/8X93-9FJICX-8FJIC45DEG	1
16	25-0503-10-10	FITTING, STR -10 M ORB/-10 MJIC	1
17	20-230	HOSE, 5/8X73-10FJICX-12FJIC45DE	1
18	20-232	HOSE, 3/4X24-12FJICX-12FJIC45DE	1
19	25-6803-12-12	FITTING, O RING T	1
20	20-237	HOSE, 5/8X76-9FJICX-12FJIC90DEG	1
21	20-225	HOSE, 5/8X150-10FJICX-12FJIC90D	1
22	25-2503-10-10	FITTING, 90 -10 M ORB/-10 M JIC	1
23	20-233	HOSE, 1/2X48-8FJICX-8FJIC45DEG	1
24	25-0503-8-8	FITTING, STR -8 M ORB/-8 M JIC	1
25	90-0632	BOLT, 3/8-16 X 4	5
26	99-E13	FLANGE NUT, 3/8-16	5
27	29-054	PIPE PLUG, 3/8 NPT SOCKET HD.	1

Flow Control & Check Valves  
Figure 23



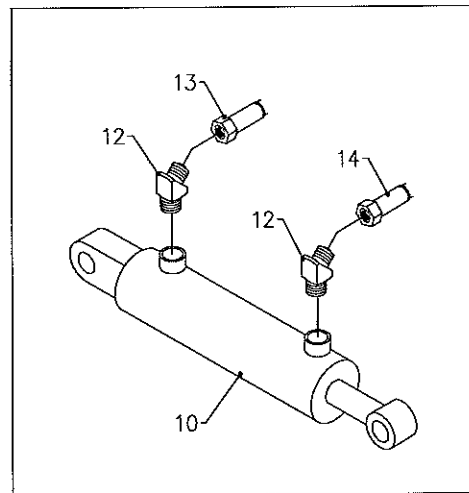
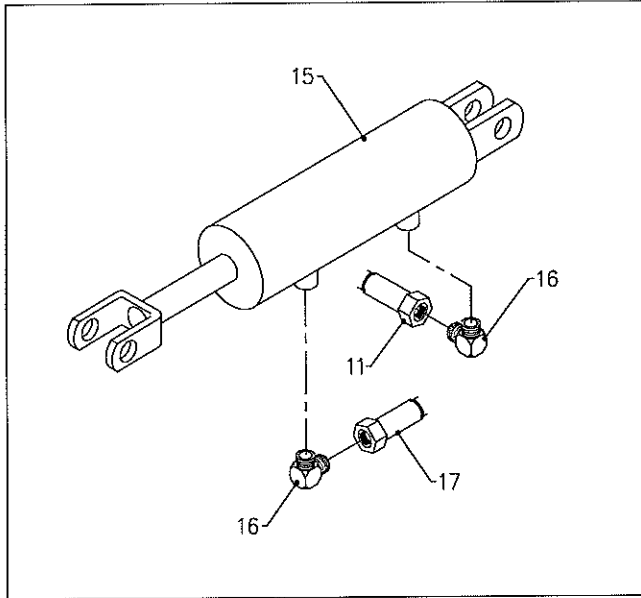
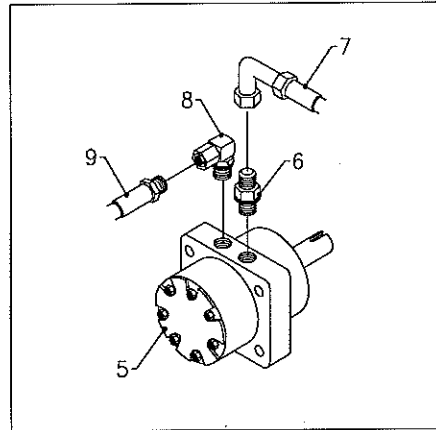
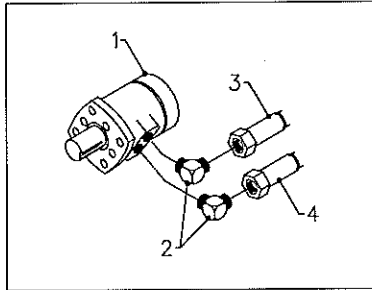
# HYDRAULICS

# section 4

## Parts List for Figure 23

Ref.	Part No.	Description	Quantity
1	H4067	VALVE, FLOW CONTROL	2
1A	H8046	HANDLE FOR VALVE H4067	
	E0002	O-RING, FOR H4002 AND H4067	
2	23-156	VALVE, LOAD CHECK	1
3	20-106	HOSE, 1/2 X 76" -8 F JIC SWIV	1
4	25-2503-12-10	FITTING, 90 -12 M ORB/-10 M JIC	2
5	99-E20	FLANGE NUT, 1/4-20	4
6	95-04	FLAT WASHER, 1/4 SAE	8
7	90-0420	BOLT, 1/4-20 X 2-1/2	4
8	H6190	FITTING, STR SWI ADAPTER M#12	1
9	H6122	FITTING, RUN TEE M#12 ORB X M#12 JIC	1
10	H6122	FITTING, RUN TEE M#12 ORB X M#12 JIC	1
11	20-224	HOSE, 3/4X105-12FJICX-12FJIC90D	1
12	20-232	HOSE, 3/4X24-12FJICX-12FJIC45DE	1
13	20-210	HOSE, 3/4 X 138" MOTOR RETURN	1
14	25-0503-12-8	FITTING, STR -12 M ORB/-8 M JIC	1
15	20-233	HOSE, 1/2X48-8FJICX-8FJIC45DEG	1
16	016344	HOSE, FLOW CONTROL (2) TO CUTTER MOTOR	1
17	20-229	HOSE, 1/4X50-6FJICX-6FJIC90DEG	1
18	20-229	HOSE, 1/4X50-6FJICX-6FJIC90DEG	1
19	25-2503-6-6	FITTING, 90 -6 M ORB X -6 M JIC	2
20	25-0503-6-6	FITTING, STR -6 M ORB/-6 M JIC	2
21	99-E13	FLANGE NUT, 3/8-16	2
22	90-0618	BOLT, 3/8-16 X 2-1/4	2
23	20-241	HOSE, 1/4X80-6FJICX-6FJIC90DEG	2

Cylinders, Motors  
Figure 24



# HYDRAULICS

# section 4

## Parts List for Figure 24

Ref.	Part No.	Description	Quantity
1	H0012	MOTOR, HYD	1
2	25-2103-8-8	FITTING, 90 -8 MPT X -8 M JIC	2
3	20-237	HOSE, 5/8X76-9FJICX-12FJIC90DEG	1
4	20-106	HOSE, 1/2 X 76" -8 F JIC SWIV	1
5	21-091	MOTOR, HYD CUTTER	1
6	25-0503-10-10	FITTING, STR -10 M ORB/-10 MJIC	1
7	016344	HOSE, FLOW CONTROL (2) TO CUTTER MOTOR	1
8	H6192	FITTING, ELBOW 90DEG F#10 JIC	1
9	20-210	HOSE, 3/4 X 138" MOTOR RETURN	1
10	23-131	CYLINDER, 3" BORE 8" STROKE (SN 1001-1013)	1
	23-178	CYLINDER, HYD. 3 X 8 (SN 1014 & UP)	1
	23-179	SEAL KIT, FOR 23-176, 23-178	1
11	20-240	HOSE, 3/8X93-9FJICX-8FJIC45DEG	1
12	25-3503-6-6	FITTING, 45 -6 M ORB X -6 M JIC	2
13	20-241	HOSE, 1/4X80-6FJICX-6FJIC90DEG	1
14	20-241	HOSE, 1/4X80-6FJICX-6FJIC90DEG	1
15	23-177	CYLINDER, HYD. 3-1/2 X 8	1
16	25-2503-8-8	FITTING, 90 -8 M ORB X -8 M JIC	2
17	20-228	HOSE, 3/8X100-8FJICX-8FJIC	1





# SPROCKETS

# section 5

<b>Sod Harvester Sprocket Selection Chart</b>										
<b>CUT-OFF LENGTH (inches) (metric)</b>	<b>18" 46cm</b>	<b>24" 61cm</b>	<b>36" 91cm</b>	<b>40.5" 103cm</b>	<b>45" 114cm</b>	<b>48" 122cm</b>	<b>48.4" 123cm</b>	<b>51.6" 131cm</b>	<b>54" 137cm</b>	<b>56" 142cm</b>
<b>Roller Sprocket</b>	D1407 21T	D1404 18T	D1407 21T	D1407 21T	D1404 18T	D1403 17T	D1405 19T	D1409 23T	D1404 18T	D1403 17T
<b>Roller Bushing</b>	For machines with 16-inch and 18-inch cutterhead, use 83-H18. For machines with 24-inch cutterhead, use 83-H20.									
<b>Roller Key</b>	Use 124422 for all units.									
<b>Camshaft Sprocket</b>	D1401 16T	D1402 16T	D1441 28T	D1419 32T	D1418 31T	D1418 31T	D1421 34T	D1431 44T	D1423 36T	D1423 36T
<b>Camshaft Bushing</b>	83-H16SPL	83-H16SFL	83-P116	83-P116	83-P116	83-P116	83-P116	83-P116	83-P116	83-P116
<b>Camshaft Key</b>	Use G8019 for ALL units.									
<b>Stop Return Cam 16/18"</b>	001794	001793	001792	001791	016619	001790	001790	016618	014645	014645
<b>Stop Return Cam 24"</b>		014975					015444	001804	001789	
<b>Roll Up System Sprockets</b>										
<b>Roll Up Sprocket</b>				D1418 31T	D1411 25T	D1411 25T	D1411 25T	D1409 23T	D1410 24T	D1409 23T
<b>Roll Up Bushing</b>				83-P116	Use 83-H16SPL Bushing					
<b>Roll Up Key</b>				USE G8019 for ALL units.						
<b>Driveshaft Sprocket</b>				D1106 16T	D1106 16T	D1106 16T	D1106 16T	D1106 16T	D1108 18T	D1108 18T
<b>Driveshaft Key</b>				USE 124458 for ALL units.						
<b>4 - inch Roller (rubber mat) (mintex mat)</b>				On units with rubber mat USE D1104 On units with mintex mat USE D1109						
<b>4" Roller Drive (rubber mat) (mintex mat)</b>				On units with rubber mat USE D1113 On units with mintex mat USE D1110						



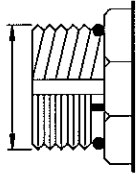
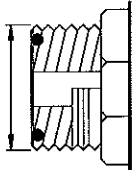
# SPROCKETS

# section 5

60" 152cm	64.6" 164cm	68.9" 175cm	72" 183cm	72.8" 185cm	77.6" 197cm	80" 203cm	81" 206cm	85.8" 218cm	90" 229cm	96.9" 246cm	98" 249cm
D1408 22T	D1404 18T	D1402 16T	D1404 18T	D1402 16T	D1401 15T	D1403 17T	D1402 16T	D1403 17T	D1402 16T	D1401 15T	D1401 15T
D1435 50T	015443 43T	D1428 41T	D1434 48T	015443 43T	015443 43T	D1435 50T	D1434 48T	D1436 54T	D1436 54T	D1436 54T	D1437 55T
83-P116	83-P116	83-P116	83-P116	83-P116	83-P116	83-P116	83-P116	83-P116	83-P116	83-P116	83-P116
001788	001802	001801	001787	001787	001799	001376	001376	001800	015553	014974	014974
	001803		014040				001377				014973
D1411 25T	D1410 24T	D1402 16T	D1402 16T	D1402 16T	D1406 20T	D1406 20T	D1406 20T	D1406 20T	D1406 20T	D1402 16T	D1402 16T
Use 83-H16SPL Bushing											
D1117 21T	D1117 21T	D1103 15T	D1103 15T	D1103 15T	D1111 20T	D1111 20T	D1111 20T	D1117 21T	D1117 21T	D1108 18T	D1108 18T

# SPROCKETS

# section 5

O-RING REFERENCE SHEET FOR HYDRAULIC FITTINGS			
DASH SIZE		BOSS O-RING ORB	PART NUMBER
2 3 4	5/16 - 24 3/8 - 24 7/16 - 20	SAE DASH 2-1 SAE DASH 3-1 SAE DASH 4-1	E0059
5 6 8	1/2 - 20 9/16 - 18 3/4 - 16	SAE DASH 5-1 SAE DASH 6-1 SAE DASH 8-1	E0060 E0061 E0062
10 12 14	7/8 - 14 1-1/16 - 12 1-3/16 - 12	SAE DASH 10-1 SAE DASH 12-1 SAE DASH 14-1	E0063 E0064 E0065
16 20 24 32	1-5/16 - 12 1-5/8 - 12 1-7/8 - 12 2-1/2 - 12	SAE DASH 16-1 SAE DASH 20-1 SAE DASH 24-1 SAE DASH 32-1	E0066 E0067
DASH SIZE		FACE SEAL O-RING SIZE NO. PER SAE J120 ORF	PART NUMBER
4 6 8	9/16 - 18 11/16 - 16 13/16 - 16	011 012 014	E0071 E0072
10 12 16	1 - 14 1-3/16 - 12 1-7/16 - 12	016 018 021	
<b>BREAKDOWN OF FITTING DESCRIPTION FOR O-RING SELECTION</b> FITTING, ELBOW 90 DEG - M#6 ORB X M#6 ORF TYPE M=MALE F=FEMALE DASH NO. O-RING BOSS O-RING FACE			

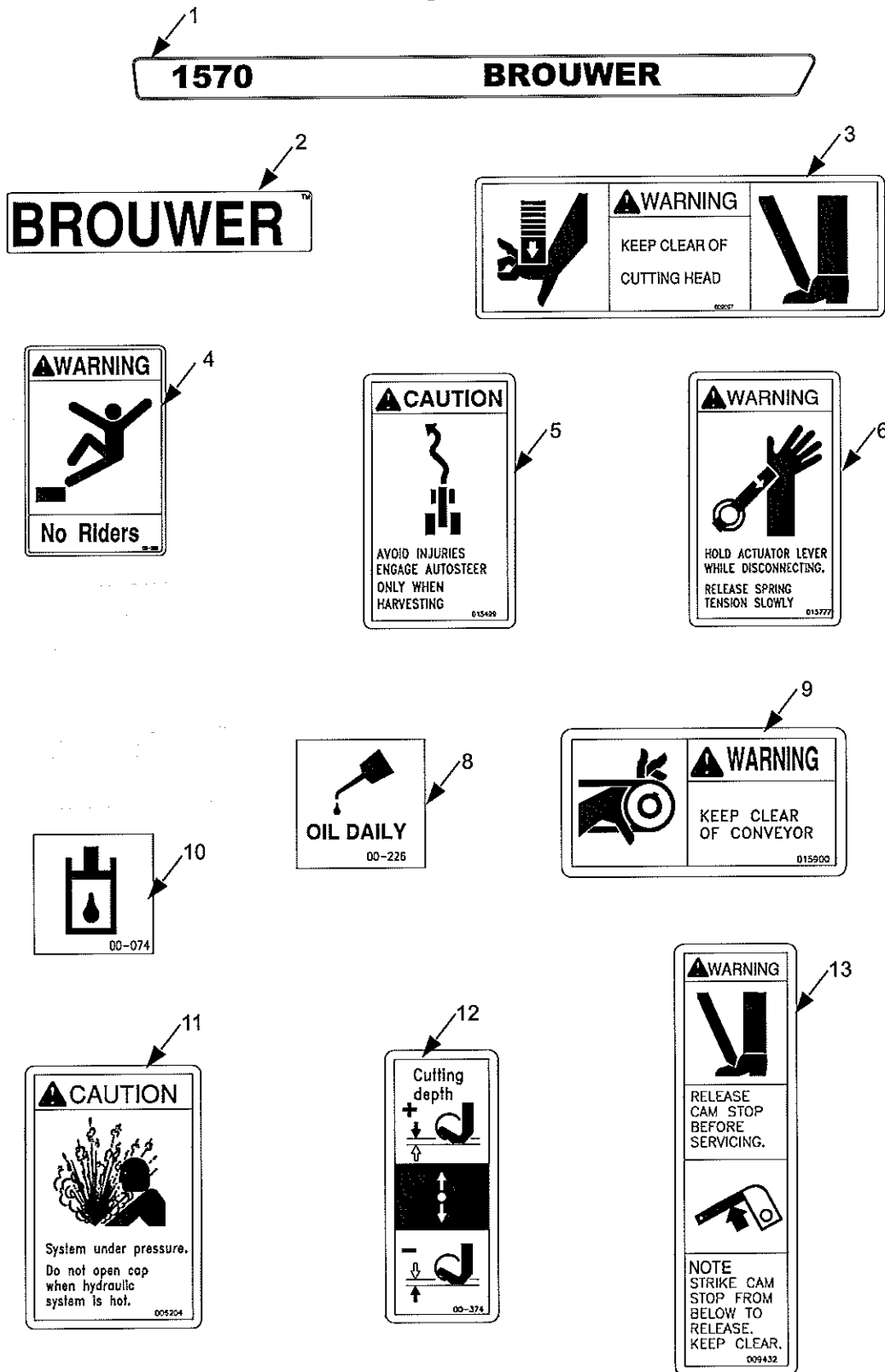
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Decals  
Figure 25



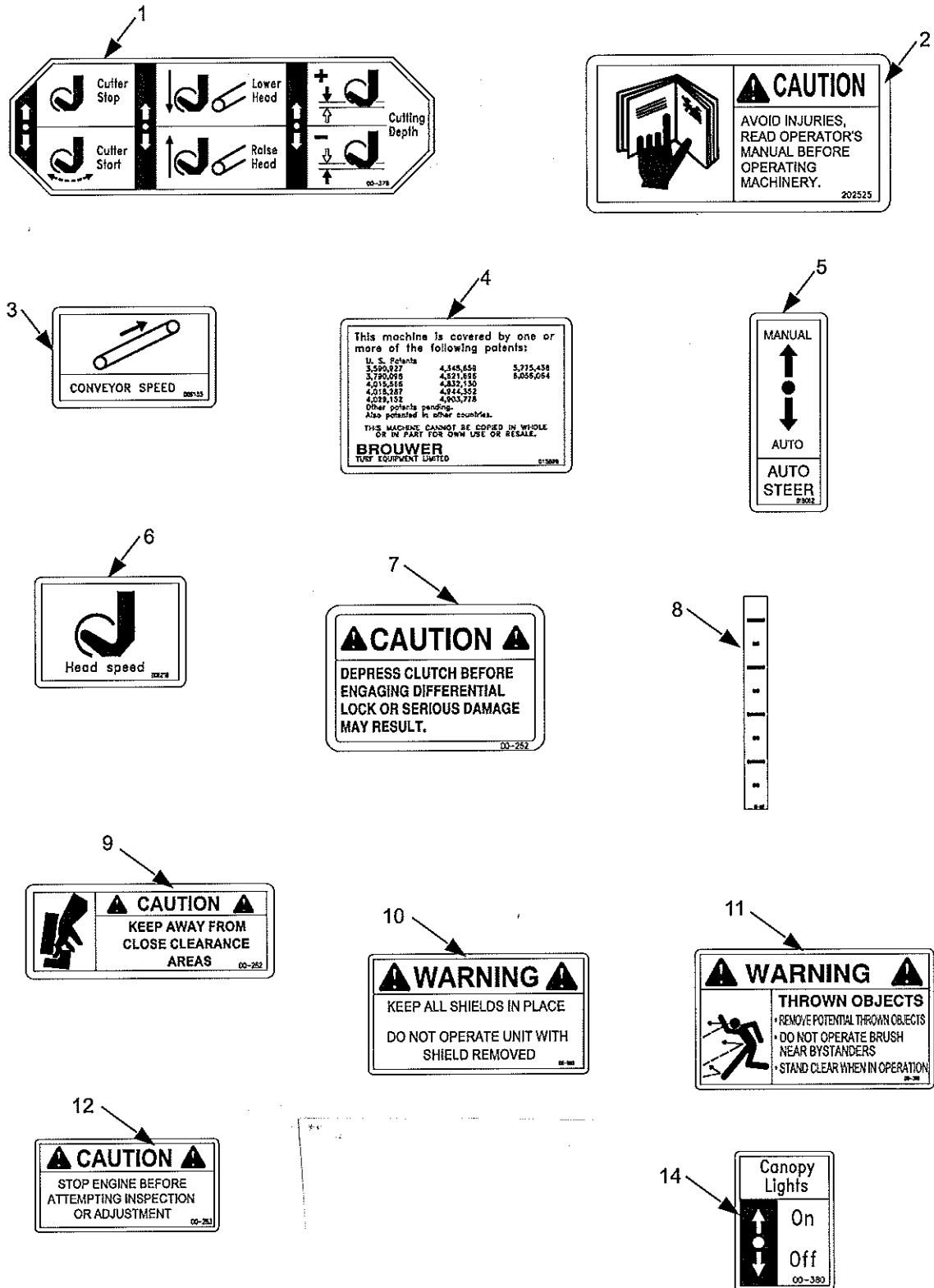
# DECALS

# section 6

## Parts List for Figure 25

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
1	00-386	DECAL, BROUWER 1570 (SET OF 2)	1
2	401257	DECAL, "BROUWER"	3
3	009097	DECAL, WARNING CUTTING HEAD	1
4	00-266	DECAL, WARNING NO RIDERS	1
5	015499	DECAL, CAUTION AUTOSTEER	1
6	015777	DECAL, WARNING ACTUATOR LEVER	1
7			
8	00-226	DECAL, OIL DAILY	1
9	015900	DECAL, WARNING KEEP CLEAR	2
10	00-074	DECAL, HYDRAULIC OIL SYMBOL	1
11	006204	DECAL, CAUTION HOT HYDRAULIC	1
12	00-374	DECAL, CUTTING DEPTH	1
13	009432	DECAL, WARNING CAM STOP	1

Decals  
Figure 25A



# DECALS

# section 6

## Parts List for Figure 25A

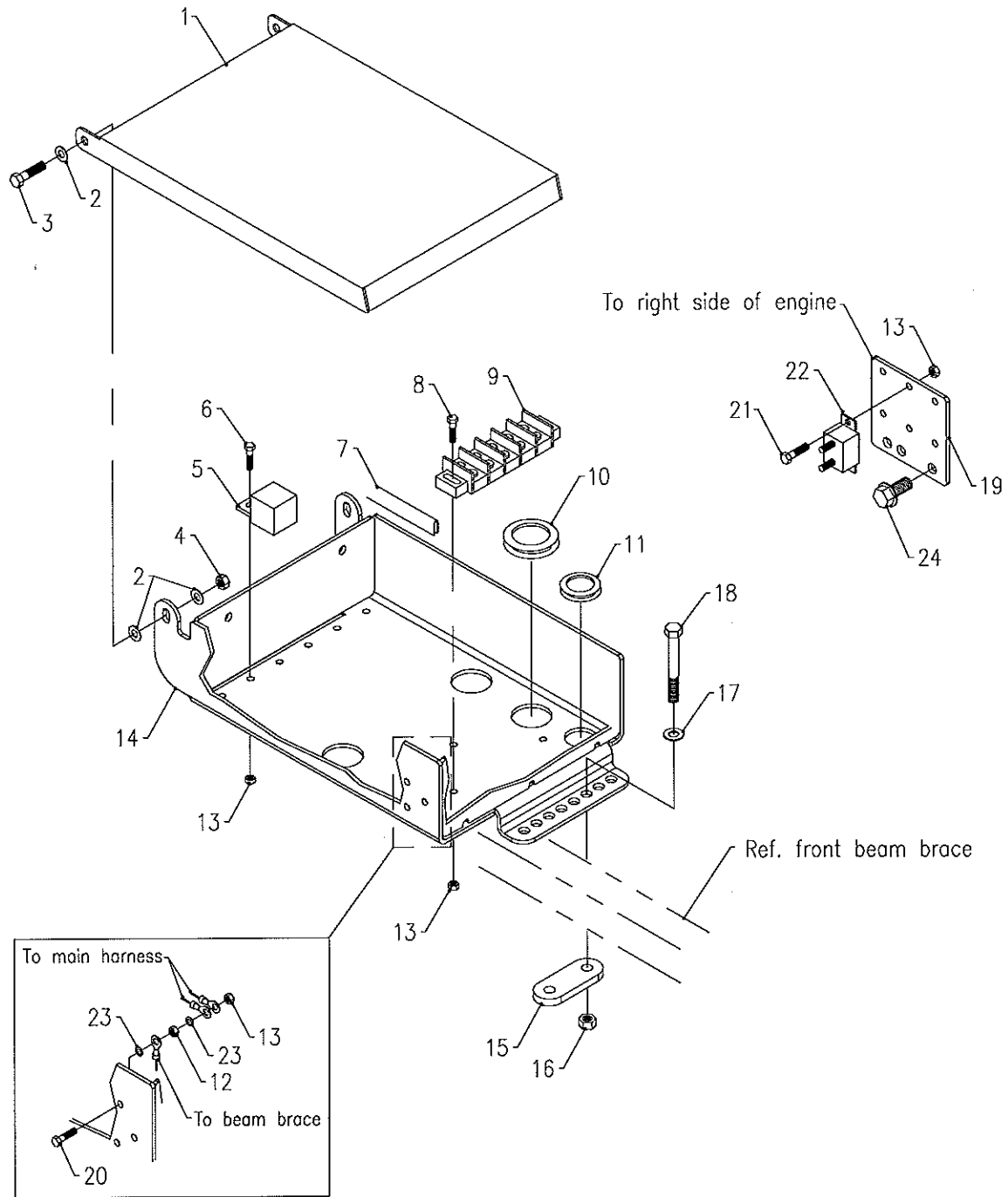
<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
1	00-378	DECAL, LIFT, CUTTER, DEPTH LEVERS	1
2	202525	DECAL, CAUTION READ MANUAL	1
3	009103	DECAL, CONVEYOR SPEED	1
4	015899	DECAL, PATENTS	1
5	016062	DECAL, AUTOSTEER CONTROL INFO	1
6	006219	DECAL, HEAD SPEED	1
7	00-262	DECAL, CAUTION DEPRESS CLUTCH	1
8	00-267	DECAL, CUTTERHEAD DEPTH INDICATOR	1
9	00-282	DECAL, CAUTION KEEP AWAY	2
10	00-280	DECAL, WARNING KEEP ALL SHIELDS	1
11	00-369	DECAL, WARNING THROWN OBJECTS (BRUSH)	1
12	00-283	DECAL. STOP ENGINE	1
13			
14	00-380	DECAL, CANOPY LIGHTS	1





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**Electrical Box  
Breaker Mount  
Figure 26**

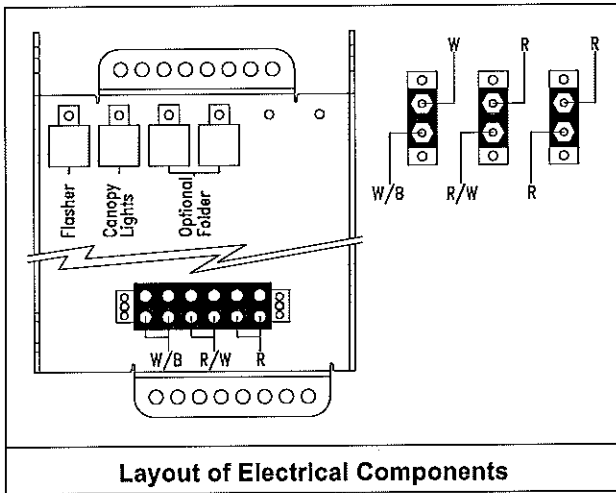


# ELECTRICAL

# section 7

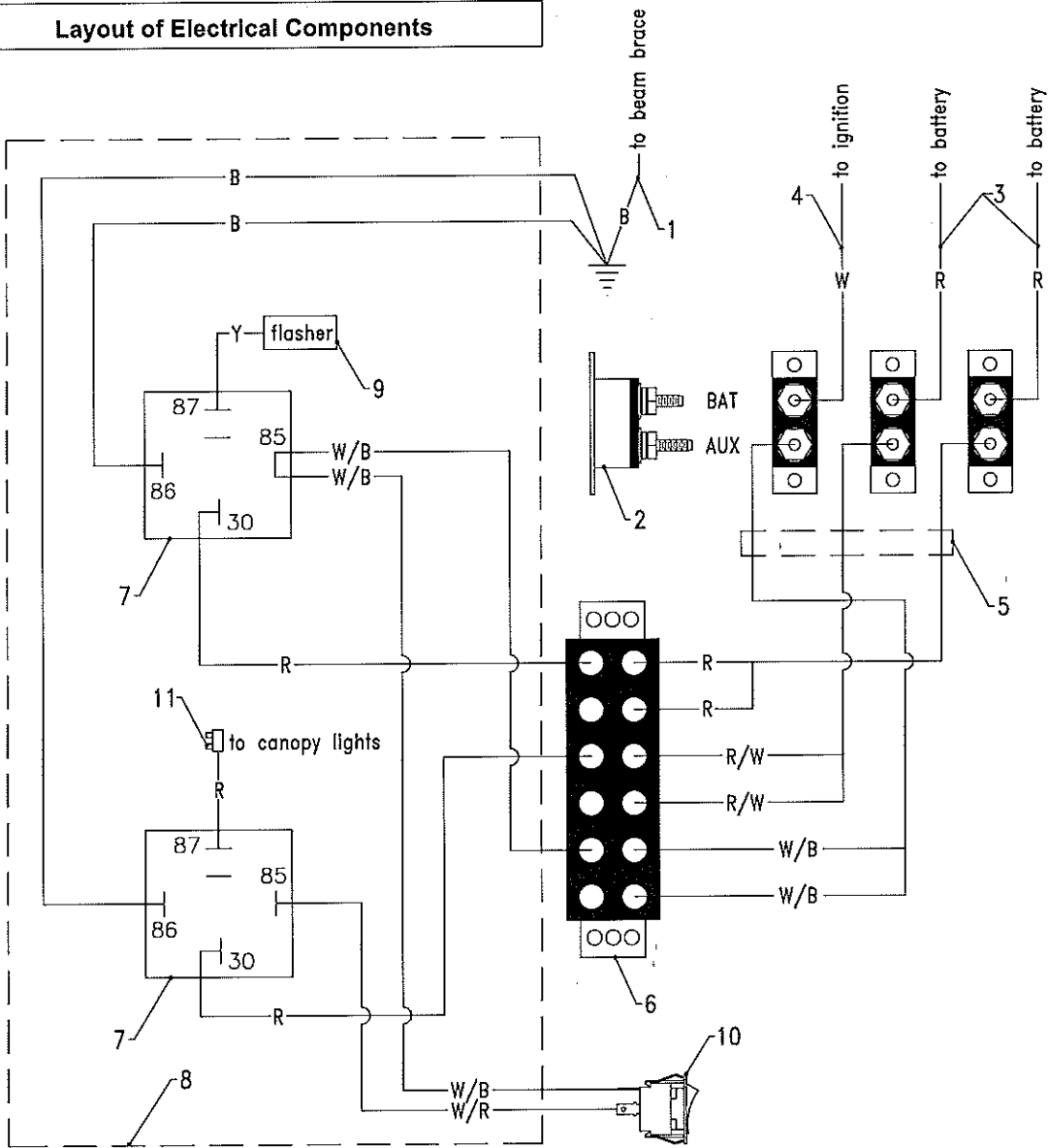
## Parts List for Figure 26

Ref.	Part No.	Description	Quantity
1	6109463	LID, J.D. TOOLBOX	1
2	95-04	FLAT WASHER, 1/4 SAE	6
3	90-0406	BOLT, 1/4-20 X 3/4	2
4	99-A04	LOCKNUT, STOVER 1/4-20	2
5	REF	RELAY, SEALED PLASTIC	2
6	01-033	SCREW, MACHINE 10-24 X 1/2	2
7	56-027	TRIM, TRIM-LOC /FT	3'
8	F0301	SCREW, MACHINE 10-24 X 3/4	2
9	REF	TERMINAL BLOCK, 6 GANG	1
10	05-033	GROMMET, 7/8 ID X 1-5/8 OD	1
11	05-032	GROMMET, 11/16 ID X 1-5/16 OD	1
12	01-017	NUT, #10-24	1
13	F0003	LOCKNUT, NYLON #10-24	11
14	6109505	ELECTRICAL BOX	1
15	6109497	MOUNT, ELECTRICAL BOX	2
16	99-E38	LOCKNUT, NYLON 5/16-18	4
17	95-05	FLAT WASHER, 5/16 SAE	4
18	90-0518	BOLT, 5/16-18 X 2-1/4	4
19	6109785	MOUNT, BREAKER	1
20	01-016	SCREW, MACHINE 10-24 X 1	1
21	F0330	SCREW, 10-24 X 3/4 SLOTTED	6
22	REF	BREAKER, CIRCUIT 20 AMP	3
23	99-G09	SHAKEPROOF WASHER, #10	2
24	99-K61	BOLT, FLANGE 3/8-16 X 1/2	2



**Electrical Schematic  
Figure 27**

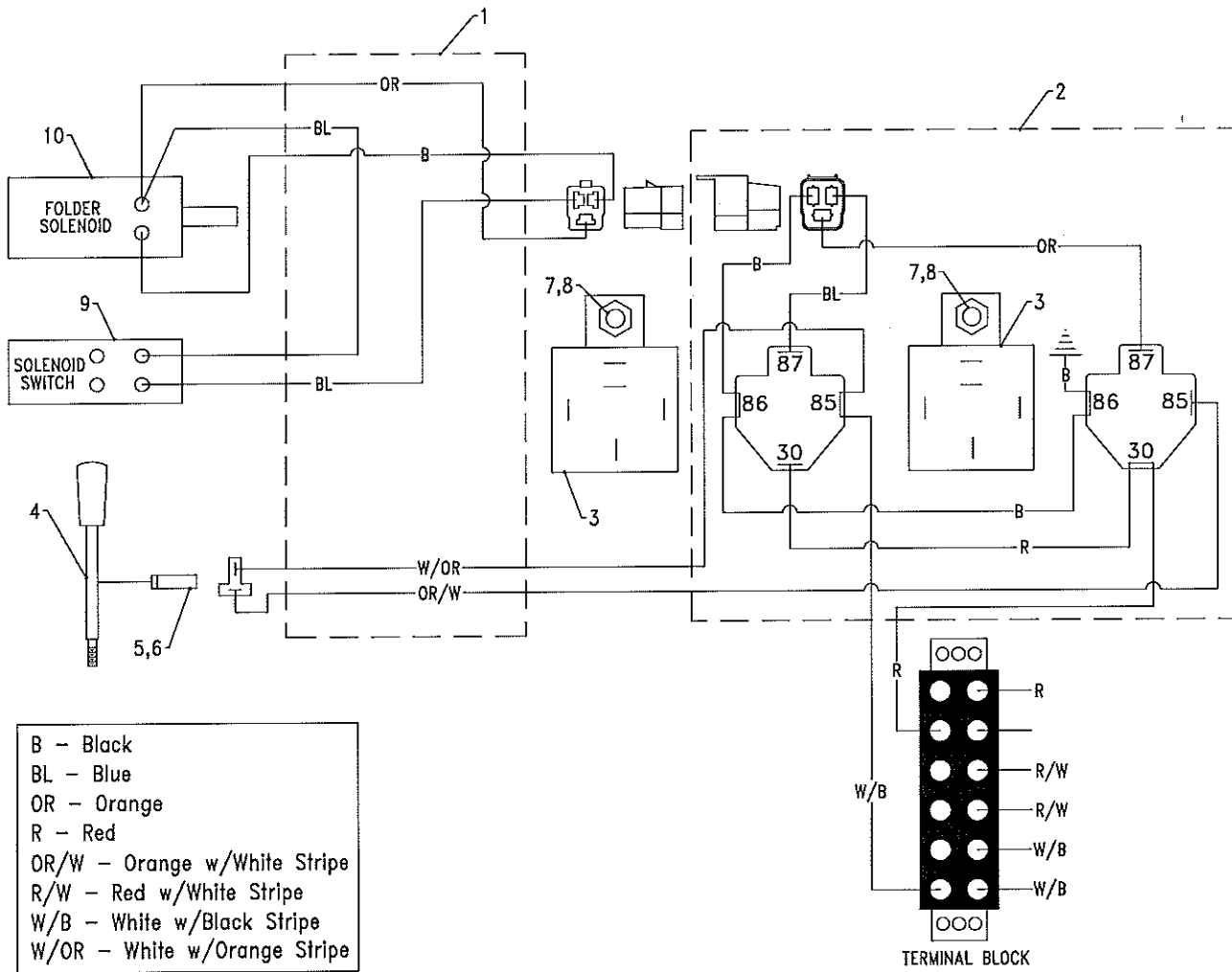
- B - Black
- R - Red
- W - White
- Y - Yellow
- R/W - Red w/White Stripe
- W/B - White w/Black Stripe
- W/R - White w/Red Stripe



**Parts List for Figure 27**

<b>Ref.</b>	<b>Part No.</b>	<b>Description</b>	<b>Quantity</b>
1	30-400	WIRE, 1570 GROUND	1
2	30-114	BREAKER, CIRCUIT 20AMP	3
3	006409	WIRE, BATT. TO CIRCUIT BREAKER	2
4	006410	WIRE, AC TO CIRCUIT BREAKER	1
5	30-399	WIRE HARNESS, 1570 MAIN	1
6	30-401	TERMINAL BLOCK, 6 GANG	1
7	35-067	RELAY, SEALED PLASTIC	2
8	30-402	WIRE HARNESS, 1570 LIGHTING	1
9	33-028	FLASHER, SAFETY	1
10	31-021	SWITCH, ROCKER ON-OFF 2-POS	1
11	J1005	TERMINAL BLOCK, FLEXIBLE	1

Folder Electrical Schematic  
Figure 27A

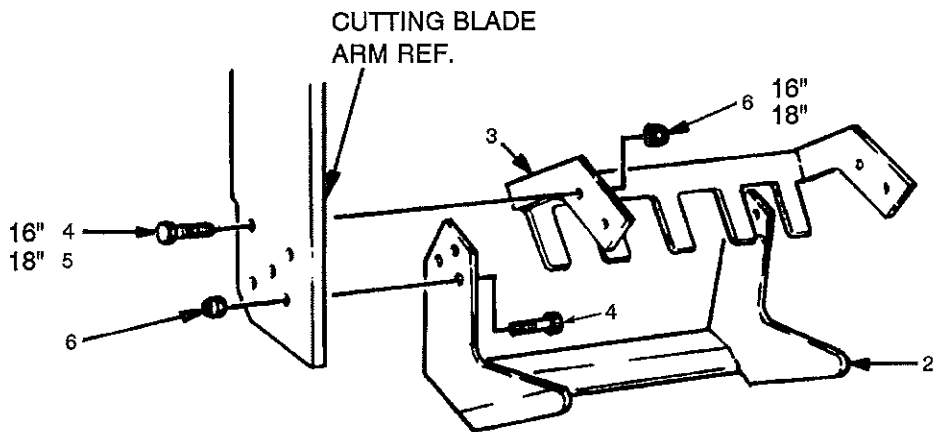


Parts List for Figure 27A

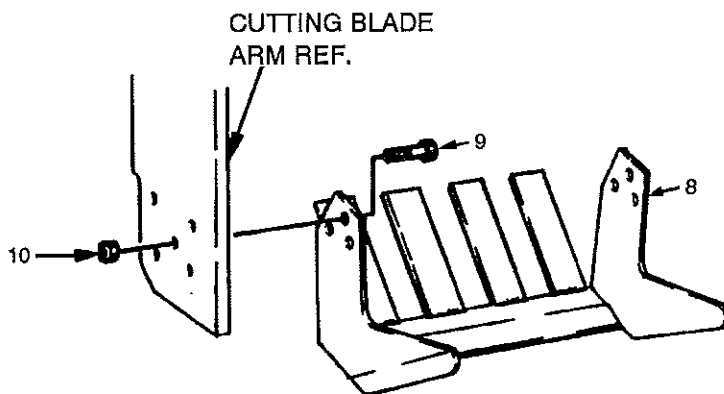
Ref	Part no.	Description	Quantity
1	002251	HARNESS, FOLDER CONVEYOR	1
2	30-413	WIRE HARNESS, FOLDER	1
3	35-067	RELAY, SEALED PLASTIC	2
4	002648	LEVER, OVERRIDE SWITCH	1
5	30-022	TERMINAL, MALE SPADE	2
6	30-171	CONNECTOR, FEMALE F/1-TERMINAL	2
7	01-033	SCREW, MACHINE 10-24 X 1/2	2
8	F0003	LOCKNUT, NYLON #10-24	2
9	J0005	SWITCH, LIMIT	1
10	J9554	SOLENOID	1

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Cutting Blade Kits  
Figure 28



- 1 STANDARD BLADE WITH SOD GUIDE BRACKET STANDARD ON 16" & 18" OPTION ON 24"



- 7 SOD BLADE WITH FINGERS STANDARD ON 24" OPTION ON 16" & 18"



# CUTTING BLADE OPTIONS

## section 8

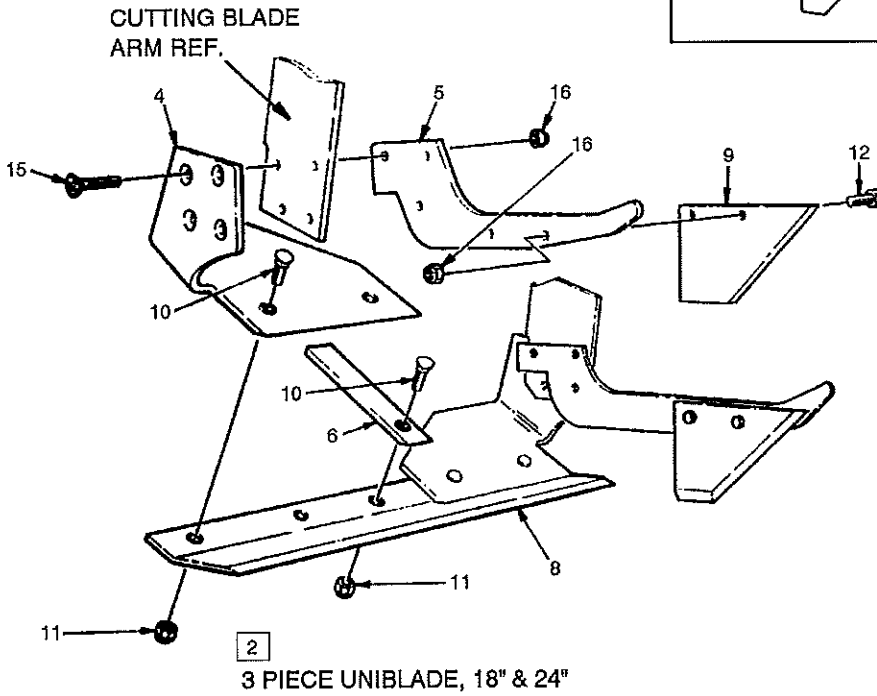
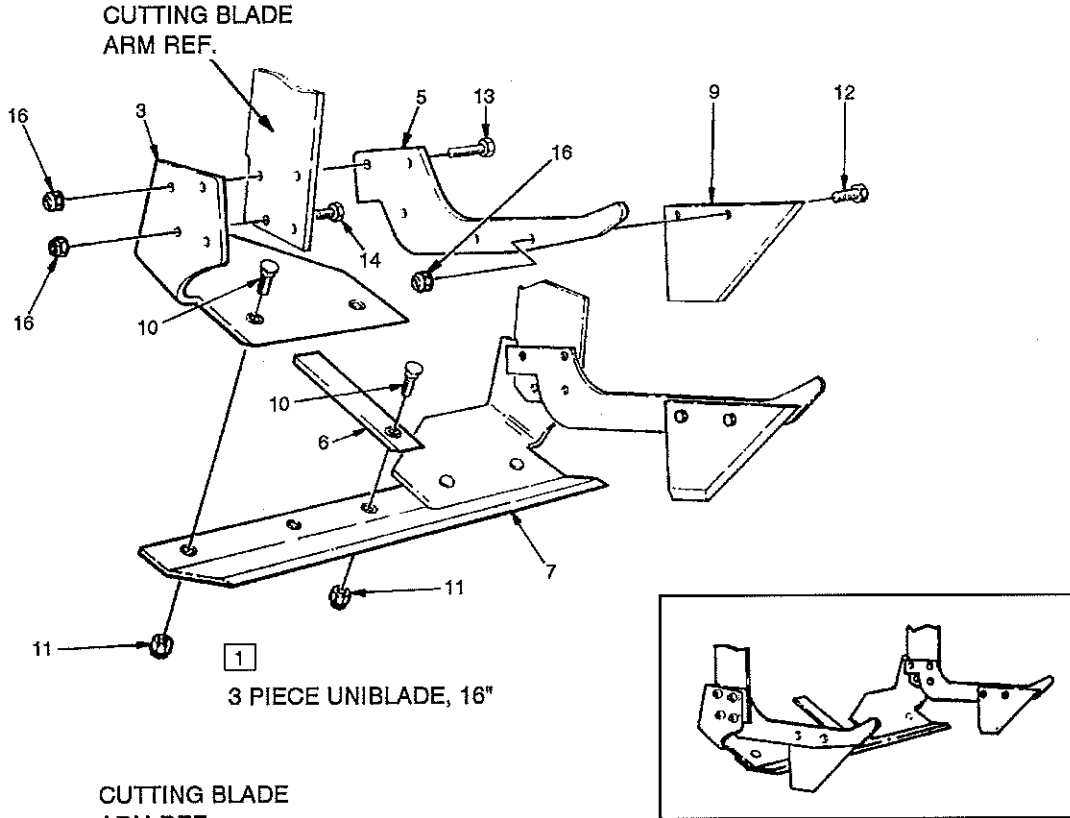
### Parts List for Figure 28

Ref.	Part No.	Description	Quantity
1	A03118	KIT, STANDARD CUTTING BLADE-16" WIDE	1
	A03119	KIT, STANDARD CUTTING BLADE-18" WIDE	1
	A03927	KIT, STANDARD CUTTING BLADE-24" WIDE	1
2	015638	CUTTING BLADE STANDARD 16"	1
	015639	CUTTING BLADE STANDARD 18"	1
	015640	CUTTING BLADE STANDARD 24"	1
3	002403	GUIDE, SOD (16" CONVEYOR)	1
	002404	GUIDE, SOD (18" CONVEYOR)	1
	002405	GUIDE, SOD (24" CONVEYOR)	1
4	515011	BOLT, HHCS 5/16 X 1 (16" CONVEYOR)	10
	515011	BOLT, HHCS 5/16 X 1 (18" CONVEYOR)	6
5	F2717	SCREW, HEX SOCKET CAP FLAT (18" CONVEYOR)	4
6	F2002	NUT, HEX 5/16	10
7	A03121	KIT, COMBINATION CUTTING BLADE-16" WIDE	1
	A03122	KIT, COMBINATION CUTTING BLADE-18" WIDE	1
	A03123	KIT, COMBINATION CUTTING BLADE-24" WIDE	1
8	015642	CUTTING BLADE COMBO 16"	1
	015643	CUTTING BLADE COMBO 18"	1
	015644	CUTTING BLADE COMBO 24"	1
9	515011	BOLT, HHCS 5/16 X 1	6
10	F2002	NUT, HEX 5/16	6

# CUTTING BLADE OPTIONS

# section 8

Uniblade Options  
Figure 29



# CUTTING BLADE OPTIONS

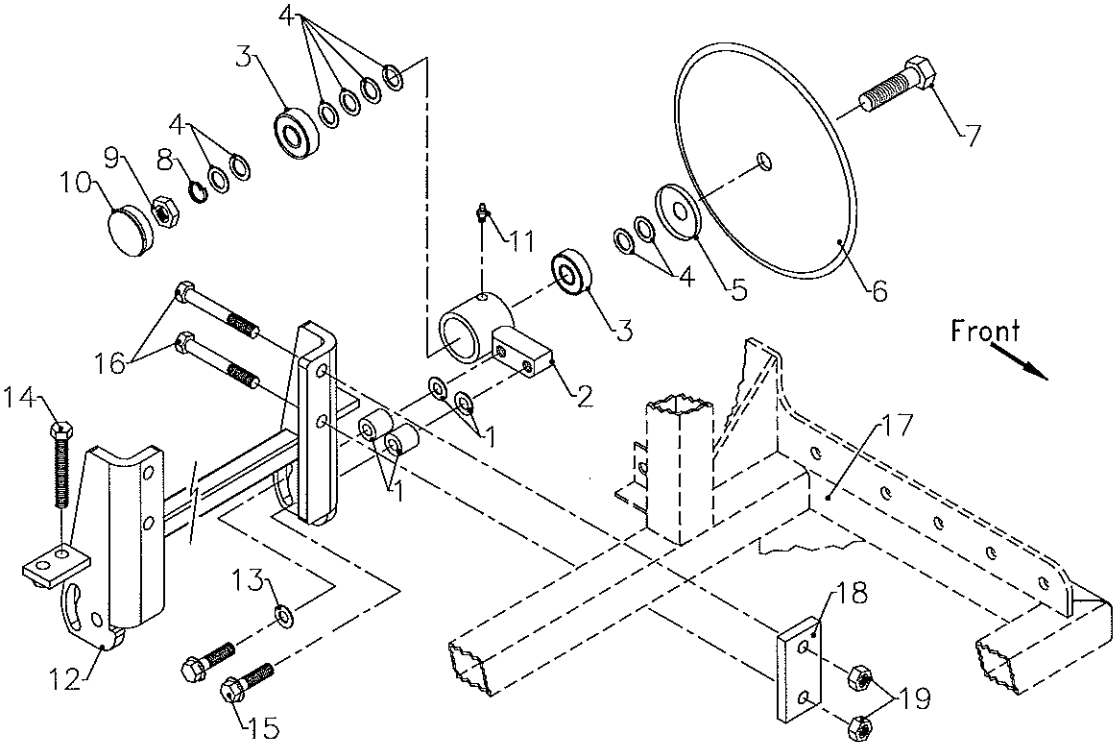
# section 8

## Parts List for Figure 29

Ref.	Part No.	Description	Quantity
1	A03356	KIT, UNIBLADE 16" WIDE	1
2	A03357	KIT, UNIBLADE 18" WIDE	1
	A03358	KIT, UNIBLADE 24" WIDE	1
3	015178	BLADE HOLDER, RH 16"	1
	015177	BLADE HOLDER, LH 16"	1
4	015180	BLADE HOLDER, RH 18" & 24"	1
	015179	BLADE HOLDER, LH 18" & 24"	1
5	015183	SIDE BLADE HOLDER	2
6	015184	SOD GUIDE, CENTER	1
	015184	SOD GUIDE, CENTER (24")	2
7	001547	BLADE, 16" BROUWER BOTTOM	1
	002268	BLADE, 16" (HEAVY DUTY) BOTTOM	1
8	001548	BLADE, 18" BROUWER BOTTOM	1
	002269	BLADE, 18" (HEAVY DUTY) BOTTOM	1
	001549	BLADE, 24" BROUWER BOTTOM	1
	002270	BLADE, 24" (HEAVY DUTY) BOTTOM	1
9	001550	BLADE, SIDE CUTTER .093 X 3.25	2
*	002267	BLADE, SIDE CUTTER 4" WIDE (OPTION)	A/R
10	F3701	BOLT, PLOW	5
	F3701	BOLT, PLOW (24")	6
11	F3013	NUT, FLANGED STOVER LOCK	5
	F3013	NUT, FLANGED STOVER LOCK (24")	6
12	F2723	BOLT, 5/16 X 3/4	4
13	F2716	BOLT, 5/16 X 1-1/2	6
14	515011	BOLT, HHCS 5/16 X 1	2
15	F2717	SCREW, HEX SOCKET CAP *FLAT*	8
16	F2002	NUT, HEX 5/16	12

\* Not Illustrated

**Coulter Blade Option  
Figure 30**



LH Coulter Arm Shown  
RH Opposite

# CUTTING BLADE OPTIONS

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## Parts List for Figure 30

Ref.	Part No.	Description	Quantity
	A02084	ASSEMBLY, COULTER ARM (16" ONLY)	1
	A02128	ASSEMBLY, COULTER ARM (18" ONLY)	1
	A02129	ASSEMBLY, COULTER ARM (24" ONLY)	1
1	95-08	FLAT WASHER, 1/2 SAE (16" ONLY)	4
	006583	SPACER, COULTER (18" AND 24" ONLY)	4
2	002426	ARM ASSEMBLY, COULTER (RH)	1
	002425	ARM ASSEMBLY, COULTER (LH)	1
3	55-Z9504AB	BALL BEARING, 3/4 ID	4
4	99-B34	WASHER, MACH. 3/4 ID 18 GA.	16
5	53-150	CAP, BEARING HOUSING	2
6	6115720	BLADE, COULTER	2
7	002376	BOLT, COULTER ARM	2
8	96-12	LOCK WASHER, 3/4	2
9	F7013	JAM NUT, 3/4-16	2
10	53-060	HUB CAP	2
11	29-010	GREASE FITTING, 1/4	2
12	6115728	BRACKET, COULTER MOUNTING (16" AND 18" ONLY)	1
	6115973	BRACKET, COULTER MOUNTING (24" ONLY)	1
13	95-08	FLAT WASHER, 1/2 SAE	2
14	99-K69	BOLT, 1/2-13 X 3-1/2 FULL THREAD	2
15	99-K56	BOLT, FLANGE 1/2-13 X 1-1/2 NC (16" ONLY)	4
	90-0820	BOLT, 1/2-13 X 2-1/2 NC (18" AND 24" ONLY)	4
16	90-0830	BOLT, 1/2-13 X 3-3/4 NC	4
17	REF	FRAME, CUTTING HEAD	
18	6115726	CLAMP, COULTER MOUNT	2
19	99-A08	LOCKNUT, STOVER 1/2-13 NC	4

\* Not Illustrated



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Complete Roll-up Conveyor	9-10
Optional Hydraulic Roll-up	9-12

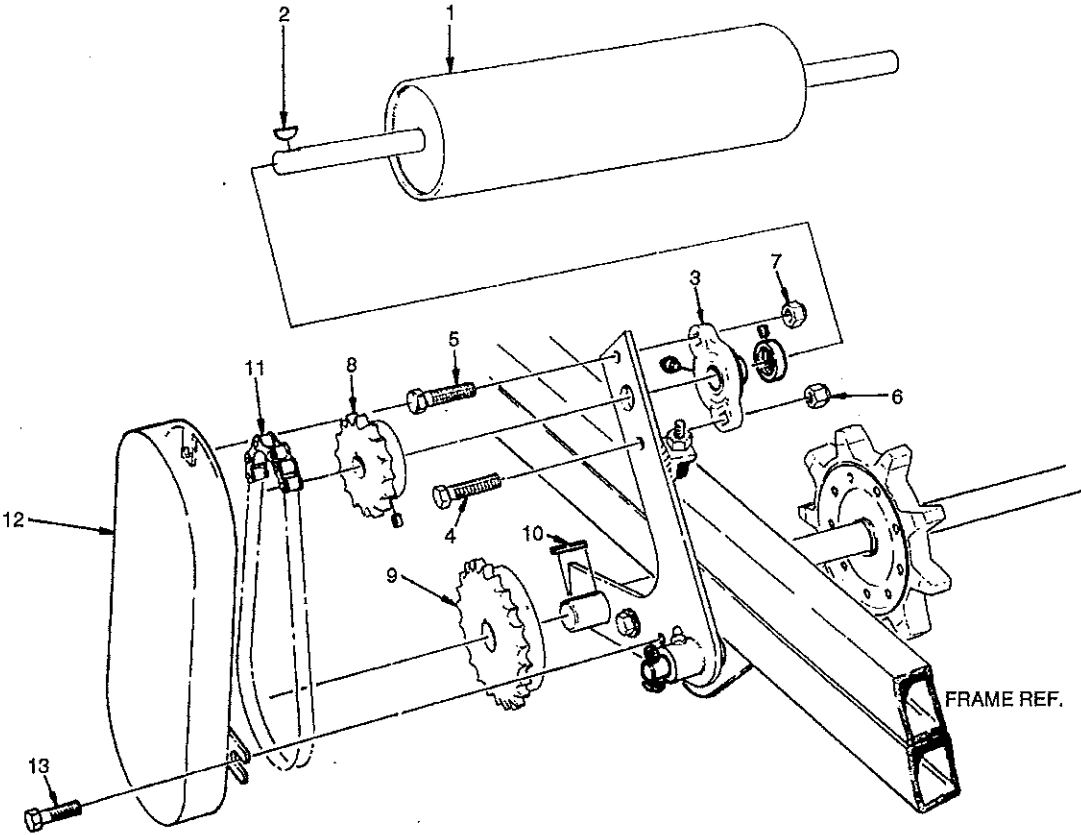
A kit is available which contains all the items required to convert a Slabbing or Folding Conveyor to a Roll-up.

ROLL-UP CONVERSION KIT: PART NO. A03647 (16/18") or A03648 (24")

**ADDITIONAL PARTS ARE REQUIRED:**

Standard Cam, Stop Return Cam	2-4
Sprockets as required	5-2
Sod Catcher/Cross Conveyor	11-2/10-2

**4" Roller & Drive Assembly  
Figure 31**





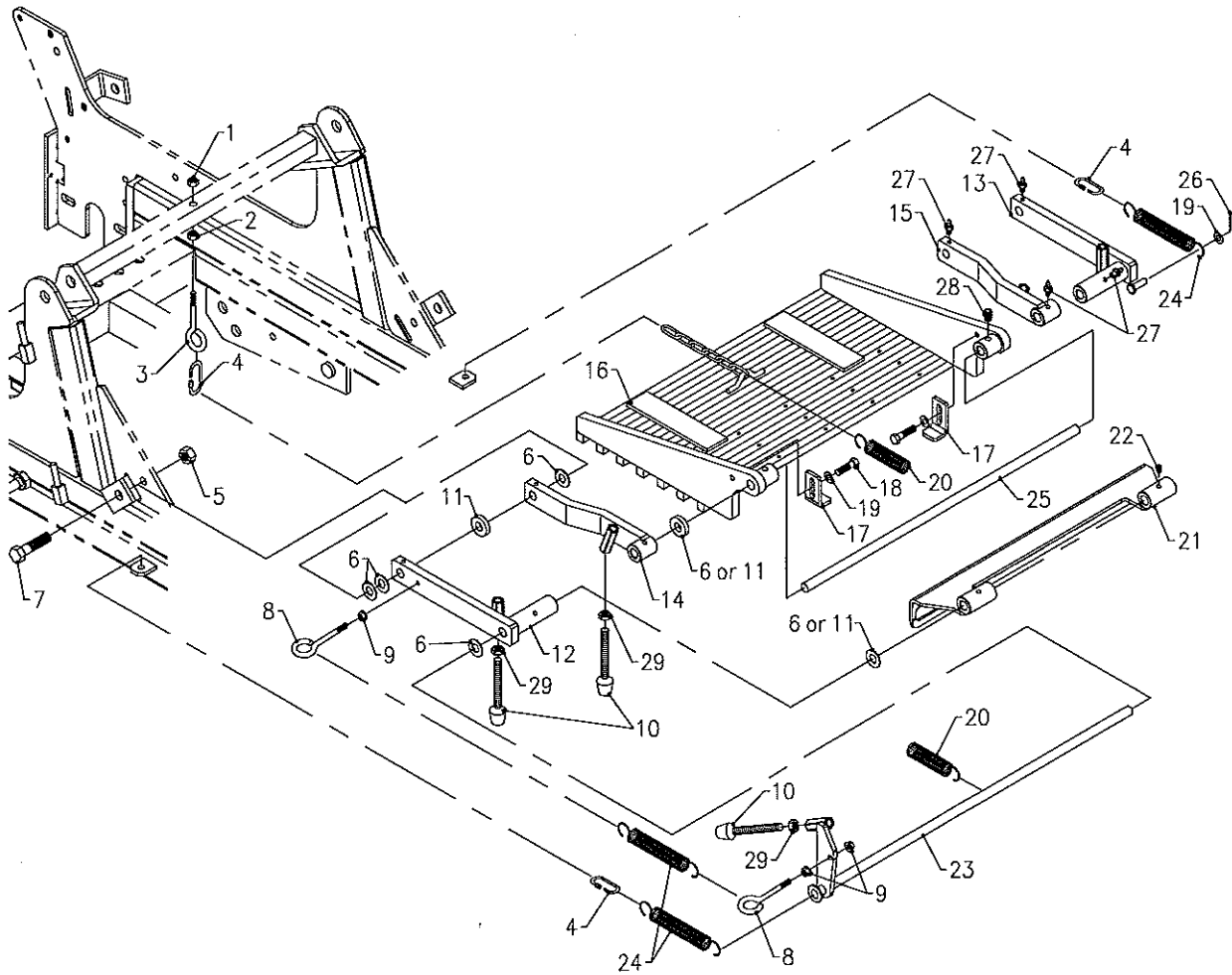
# ROLL-UP SYSTEM

# section 9

## Parts List for Figure 31

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
1	014204	ROLLER, 4" DIA-16/18"	1
	001437	ROLLER, 4" DIA- 24"	1
2	85-W0306	KEY, WOODRUFF 3/16 X 3/4- 16/18"	1
	G8054	KEY, WOODRUFF 3/16 X 1- 24"	1
3	B0002	BEARING, FLANGE -5/8" SET SCREW	2
4	99-K27	BOLT, FLANGE 1/4 X 1	3
5	90-0510	BOLT, 5/16 X 1-1/4	1
6	99-E20	FLANGE NUT, 1/4	3
7	99-E38	LOCKNUT, NYLON 5/16	1
8	D1104	SPROCKET, FIXED- H40 X 16T X 5/8 (RUBBER)	1
	D1109	SPROCKET, FIXED- 40 X 19T X 5/8 (MINTEX)	1
9	D1113	SPROCKET, FIXED- H40 X 24T X 3/4 (RUBBER)	1
	D1110	SPROCKET, FIXED- 40 X 19T X 3/4 (MINTEX)	1
10	85-K0310	KEY, SQ. 3/16 X 3/16 X 1-1/4	1
11	Q8008	#40 ROLLER CHAIN	1
	81-056	CONNECTOR LINK, #40	1
	81-076	HALFLINK, #40	1
12	6115895	GUARD W.A., 4" ROLLER DRIVE	1
13	99-K19	BOLT, FLANGE 5/16 X 3/4	1

Starter Tray  
Figure 32



# ROLL-UP SYSTEM

# section 9

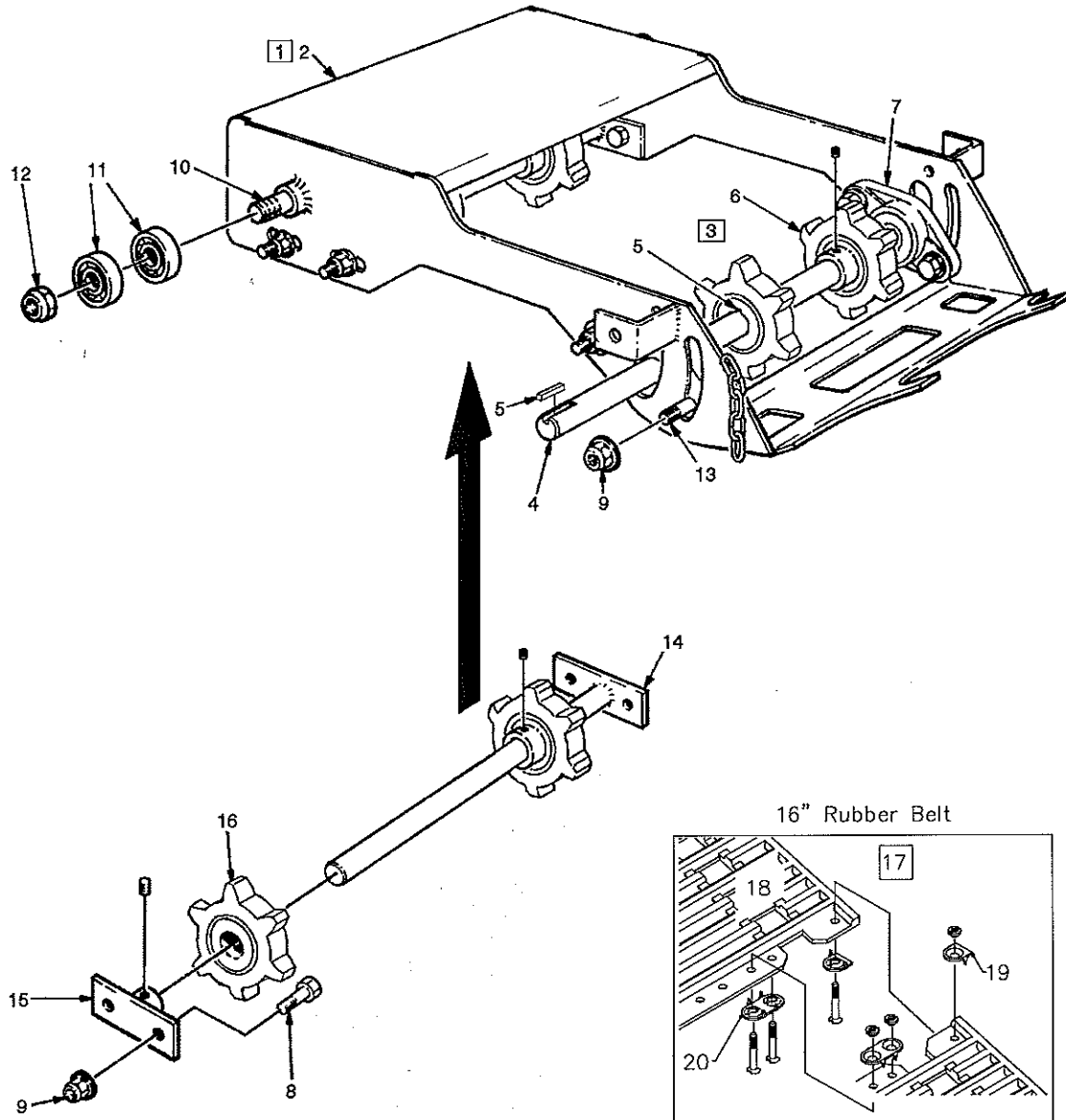
## Parts List for Figure 32

Ref.	Part No.	Description	Quantity
1	99-E38	LOCKNUT, NYLON 5/16-18	1
2	92-05	NUT, 5/16-18	1
3	002102	EYEBOLT, STARTER TRAY	1
4	G8084	QUICK LINK, 3/16	3
5	F5012	NUT, JAM NYLON INSERT	2
6	95-08	FLAT WASHER, 1/2 SAE	A/R
7	90-0820	BOLT, 1/2-13 X 2-1/2	2
8	99-K25	EYE-BOLT 1/4 X 2 W/9/16	2
9	99-E20	FLANGE NUT, 1/4-20	3
10	F3748	BOLT, RUBBER HEAD 3/8-16	5
11	99-B12	WASHER, 1/4 X 17/32 X 1-1/8	A/R
12	6115857	LINK ARM WELDMENT (see service kit)	1
13	6115858	LINK ARM WELDMENT (see service kit)	1
14	6115859	LINK ARM WELDMENT (see service kit)	1
15	6115860	LINK ARM WELDMENT (see service kit)	1
16	6115834	STARTER TRAY 16/18 W/A	1
	6115835	STARTER TRAY 24 W/A	1
17	6115861	STOP STARTER TRAY	2
18	90-0506	BOLT, 5/16-18 X 3/4	2
19	94-05	FLAT WASHER, 5/16 USS	3
20	001277	SPRING, STARTER TRAY	1
21	6115825	STARTER GATE 16/18 W/A	1
	6115826	STARTER GATE 24 W/A	1
22	85-SS12	SET SCREW, 1/4-28 X 1/4 SKT HD	2
23	6115862	16" 18" PIVOT ROD WELDMENT	1
	6115864	24" PIVOT ROD WELDMENT	1
24	001279	SPRING, SCRAPER BLADE	3
25	6115891	ROD, STARTER TRAY PIVOT, 16/18	1
	6115892	ROD, STARTER TRAY PIVOT, 24"	1
26	02-CP0308	COTTER PIN, 3/32 X 1	1
27	29-010	GREASE FITTING, 1/4-28 SHORT	8
28	85-SS14	SET SCREW, 3/8-16 X 3/8 SKTHD	2
29	99-E21	JAM NUT, 3/8-16	5
<b>Link Arm Service Kits</b>			
	A02145	KIT, 6115857 STARTER TRAY LINK ARM	1
	6115857	LINK ARM WELDEMENT	1
	F3748	BOLT, RUBBER HEAD 3/8-16	1
	29-010	GREASE FITTING, 1/4-28 SHORT	2
	99-E21	JAM NUT, 3/8-16	1
	A02146	KIT, 6115858 STARTER TRAY LINK ARM	1
	6115858	LINK ARM WELDEMENT	1
	F3748	BOLT, RUBBER HEAD 3/8-16	1
	29-010	GREASE FITTING, 1/4-28 SHORT	2
	99-E21	JAM NUT, 3/8-16	1
	A02147	KIT, 6115859 STARTER TRAY LINK ARM	1
	6115859	LINK ARM WELDEMENT	1
	F3748	BOLT, RUBBER HEAD 3/8-16	1
	29-010	GREASE FITTING, 1/4-28 SHORT	2
	99-E21	JAM NUT, 3/8-16	1
	A02148	KIT, 6115860 STARTER TRAY LINK ARM	1
	6115860	LINK ARM WELDEMENT	1
	F3748	BOLT, RUBBER HEAD 3/8-16	1
	29-010	GREASE FITTING, 1/4-28 SHORT	2
	99-E21	JAM NUT, 3/8-16	1

# ROLL-UP SYSTEM

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Basic Roll-up Conveyor, 16" & 18"  
Figure 33



# ROLL-UP SYSTEM

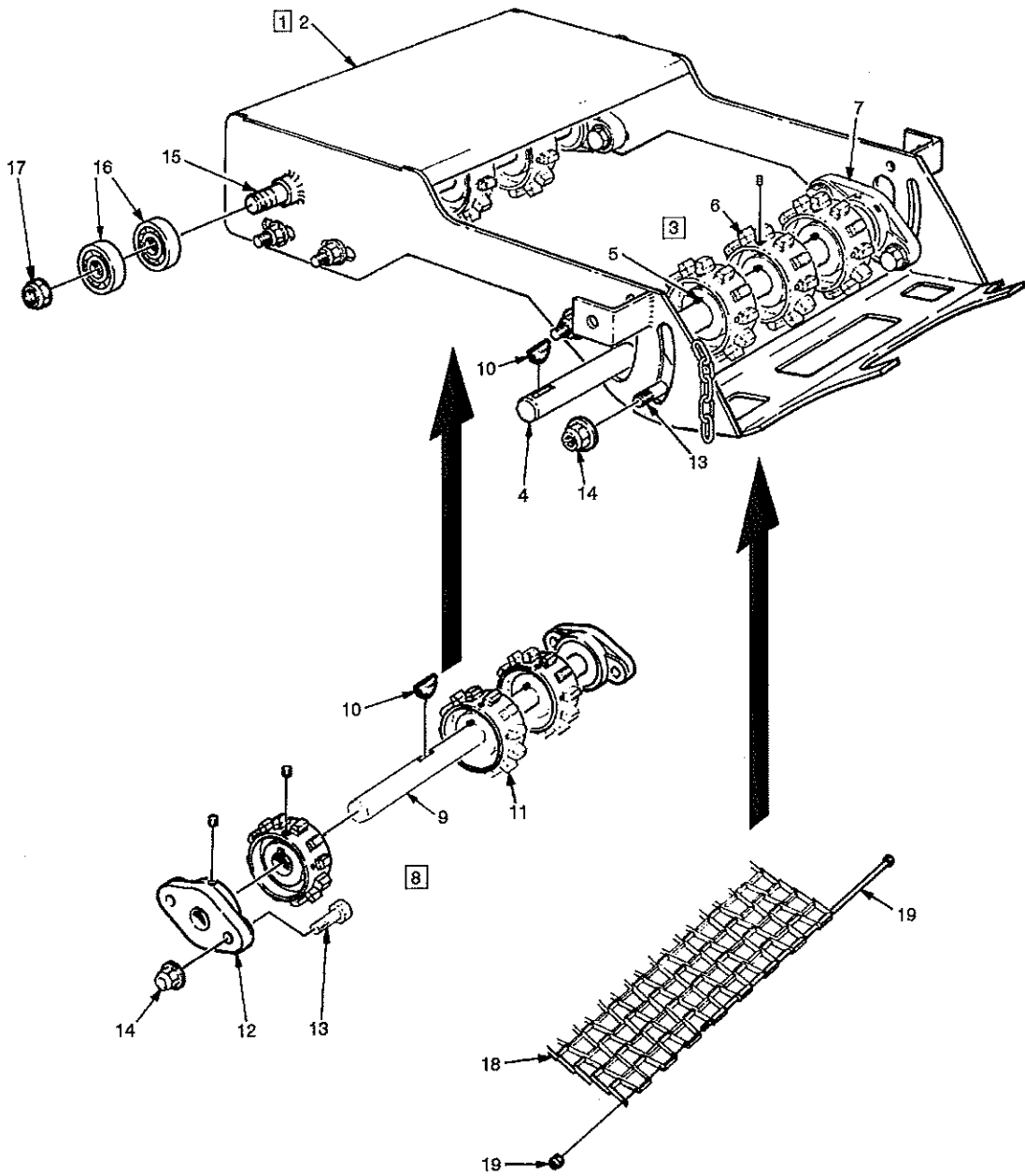
# section 9

## Parts List for Figure 33

Ref.	Part No.	Description	Quantity
1	A03659	ASSEMBLY, RUBBER ROLLUP-16/18"	1
2	016601	FRAME, ROLLUP TRAY	1
3	A03696	ASSEMBLY, ROLLUP IDLER SHAFT	1
4	002609	SHAFT, ROLL-UP DRIVE	1
5	124424	KEY, 1/4" X 1/4" X 1-1/2"	3
6	A03186	ASSEMBLY, DRIVE SPROCKET	2
	F1610	SETSCREW, 1/4	2
	200556	HUB, SPROCKET DRIVE	2
	014268	DRIVE SPROCKET	2
7	55-FB23016	BEARING, 2-BOLT FLANGE 1"	2
8	90-0710	BOLT, 7/16 X 1-1/4	4
9	F4008	NUT, FLANGED STOVER	8
10	90-1228	BOLT, 3/4 X 3-1/2	2
11	B2048	BEARING, BALL- 3/4" SHAFT DIA.	4
12	99-A12	LOCKNUT, STOVER 3/4	2
13	90-0712	BOLT, 7/16 X 1-1/2	4
14	014580	SHAFT, ROLLUP IDLER	1
15	015429	MOUNT, SHAFT	1
'	85-SS09	SETSCREW, 5/16	1
16	014268	SPROCKET	2
	B2022	BEARING, BALL 1" (SETSCREW)	1
17	A02008	KIT, ROLLUP 16/18"	1
18	002640	BELT, ROLLUP OPTION	1
19	002641	HALF MAT SPLICER	2
20	G8008	MAT SPLICER	3
*	M5016	NUT DRIVER	1
*	03-028	CLIP, TRACK (WIDE)	A/R

\* Not Illustrated

Basic Roll-up Conveyor, 24"  
Figure 34



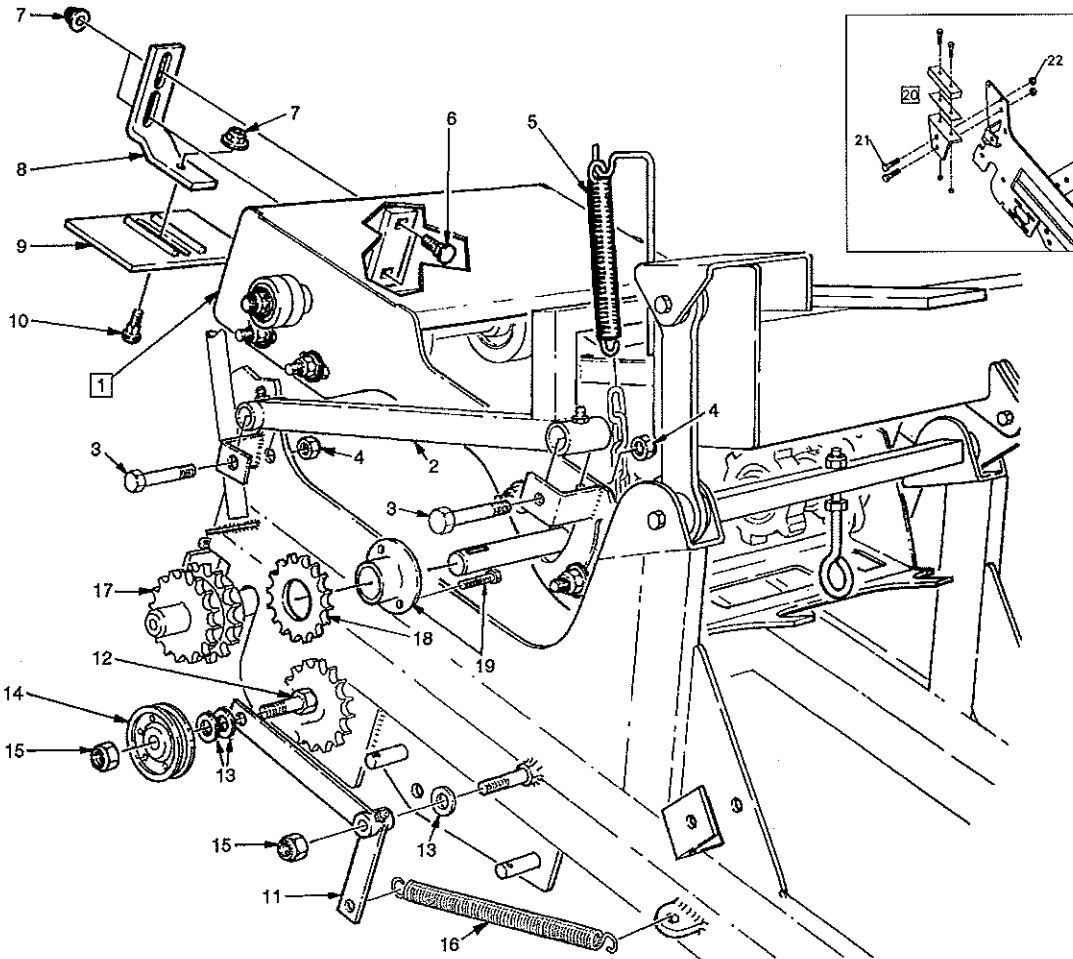
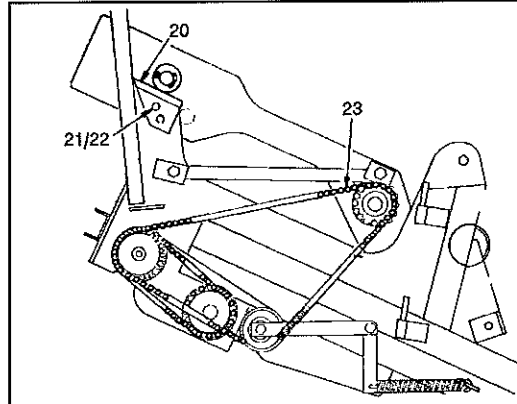
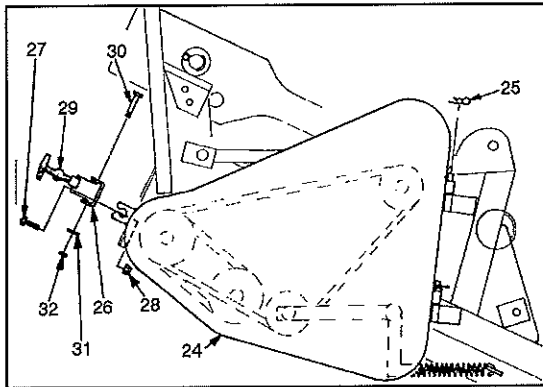
# ROLL-UP SYSTEM

# section 9

## Parts List for Figure 34

Ref.	Part No.	Description	Quantity
1	A03660	ASSEMBLY, MINTEX ROLLUP -24"	1
2	016602	FRAME, ROLLUP TRAY -24"	1
3	A03027	ASSEMBLY, MINTEX ROLLUP DRIVE SHAFT	1
4	001390	SHAFT, DRIVE- ROLL UP	1
5	124422	KEY, 1/4 X 1/4 X 1-3/8	4
6	001348	SPROCKET, 4" CAST	3
	85-SS09	SET SCREW, 5/16 X 3/8 SKTHD	2
7	55-FB23016	BEARING, 2-BOLT FLANGE 1"	2
8	A03694	ASSEMBLY, ROLLUP IDLER SHAFT -24" MINTEX	1
9	016720	SHAFT, ROLLUP IDLER -24" M/C	1
10	G8019	KEY, WOODRUFF 1/4 X 1"	3
11	001348	SPROCKET, 4" CAST	3
	85-SS09	SET SCREW, 5/16 X 3/8 SKTHD	2
12	55-FB23016	BEARING, 2-BOLT FLANGE 1"	2
13	90-0710	BOLT, 7/16 X 1-1/4	8
14	F4008	NUT, FLANGED STOVER	8
15	90-1228	BOLT, 3/4 X 3-1/2	2
16	B2048	BEARING, BALL -3/4" SHAFT DIA.	4
17	99-A12	LOCKNUT, STOVER 3/4	2
18	001499	BELT, MINTEX ROLLUP 41 BUTTON	1
19	A03487	ASSEMBLY, MAT CONNECTOR	1

Complete Roll-up Conveyor  
Figure 35



Parts List for Figure 35

Ref	Part no.	Description	Quantity
1	A03659	ASSEMBLY, RUBBER ROLLUP -16/18"	1
	A03660	ASSEMBLY, MINTEX ROLLUP -24"	1
2	001707	FRAME, TRAY REINFORCEMENT -16/18"	1
	001710	FRAME, TRAY REINFORCEMENT -24"	1
	29-010	GREASE FITTING, 1/4	4



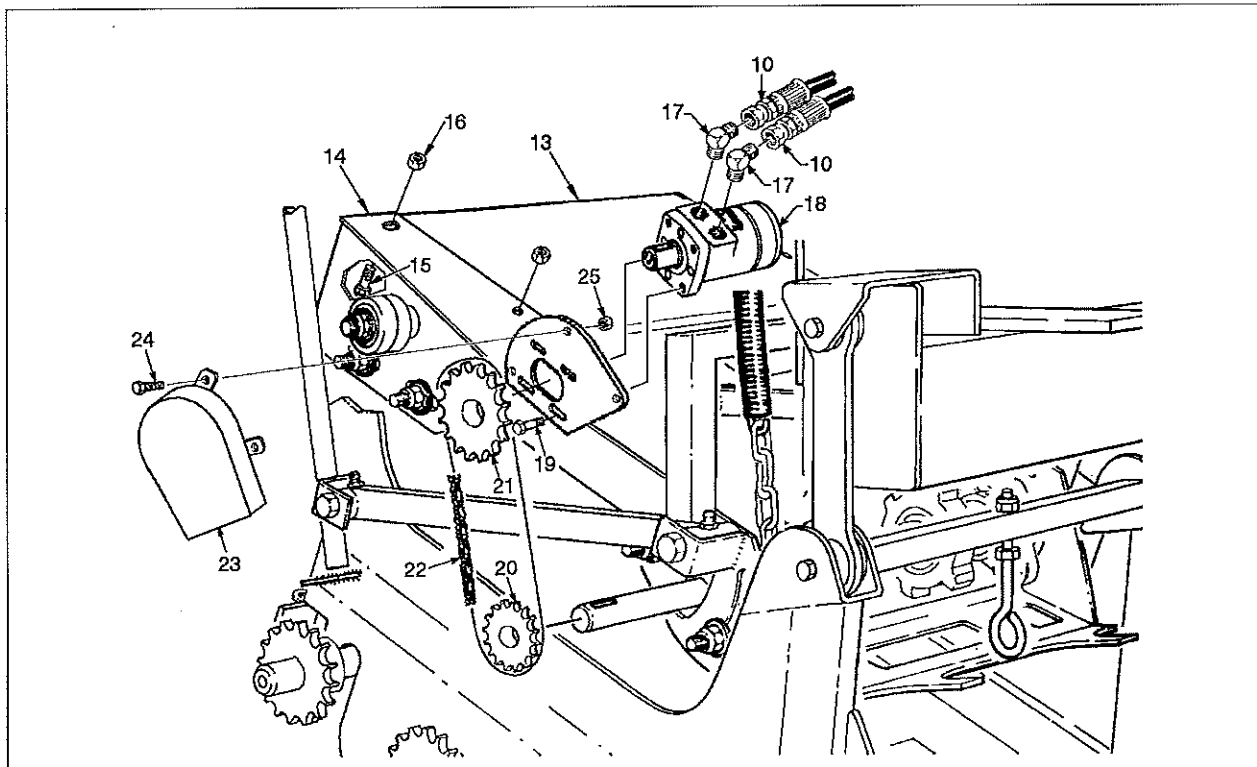
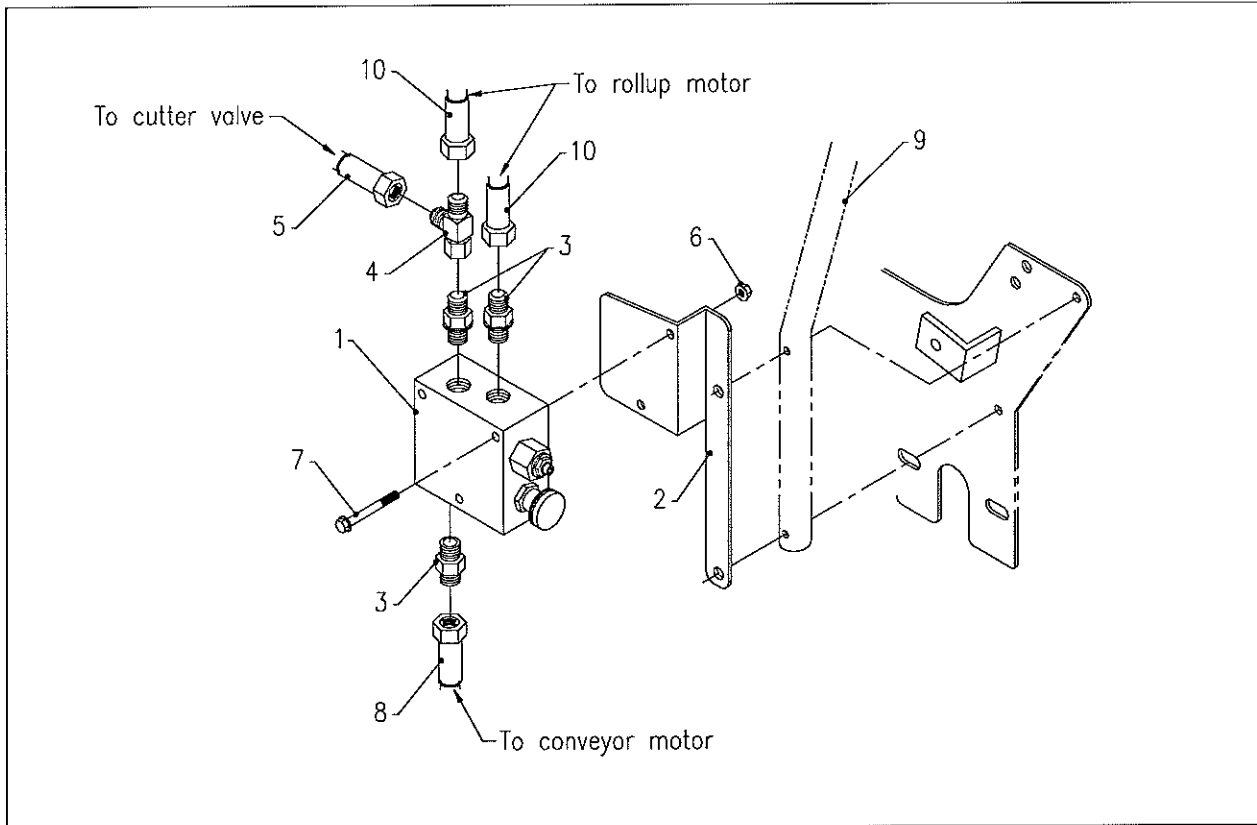
# ROLL-UP SYSTEM

# section 9

## Parts List for Figure 35 (continued)

Ref	Part no.	Description	Quantity
3	90-0824	BOLT, 1/2 X 3	4
4	F5012	NUT, NYLON INSERT	4
5	S2003	SPRING, EXTENSION	1
6	97-0610	CARRIAGE BOLT, 3/8 X 1-1/4 -16/18"	2
	97-0610	CARRIAGE BOLT, 3/8 X 1-1/4 -24"	4
7	F3013	NUT, FLANGED STOVER LOCK -16/18"	3
	F3013	NUT, FLANGED STOVER LOCK -24"	6
8	016667	BAR, FLAP ADJUSTMENT -16/18"	1
	016667	BAR, FLAP ADJUSTMENT -24"	2
9	001391	FLAP ADJUSTER -16/18"	1
	001392	FLAP ADJUSTER -24"	2
10	97-0608	CARRIAGE BOLT, 3/8 X 1 -16/18"	1
	97-0608	CARRIAGE BOLT, 3/8 X 1 -24"	2
11	001375	ROLLUP DRIVE IDLER ARM	1
	29-010	GREASE FITTING, 1/4	1
12	90-0816	BOLT, 1/2 X 2	1
13	94-08	FLAT WASHER, 1/2	3
14	D2902	SHEAVE, BELT IDLER	1
15	F5018	NUT, FLANGED STOVER 1/2	2
16	41-047	SPRING, EXT. 0.765 X 6.813	1
17	OPTION	CONVEYOR DRIVE SPROCKET (SEE SECTION 5)	1
18	OPTION	ROLLUP DRIVE SPROCKET (SEE SECTION 5)	1
19	83-H16SPL	BUSHING	1
	90-0406	BOLT, 1/4 X 3/4	2
20	014084	STOP ASSEMBLY, ROLL UP TRAY (RH)	1
	016960	STOP, ROLL UP TRAY (RH)	1
	016961	SHIM	1
	05-041	BUMPER PAD, 4" X 1-1/4" 2-HOLE	1
	99-K53	BOLT, SHOULDER 5/16 X 3/8	2
	99-E39	LOCKNUT, NYLON 1/4	2
	014083	STOP ASSEMBLY, ROLL UP TRAY (LH)	1
	016959	STOP, ROLL UP TRAY (LH)	1
	016961	SHIM	1
	05-041	BUMPER PAD, 4" X 1-1/4" 2-HOLE	1
	99-K53	BOLT, SHOULDER 5/16 X 3/8	2
	99-E39	LOCKNUT, NYLON 1/4	2
21	99-K13	BOLT, FLANGE 3/8 X 1	4
22	99-E13	FLANGE NUT, 3/8	4
23	Q8008	#40 ROLLER CHAIN	1
	81-056	CONNECTOR LINK, #40	1
	81-076	HALFLINK, #40	1
24	6115944	GUARD, CHAIN ROLL-UP	1
	6115942	COVER, SHIELD	1
	99-K31	FLANGE BOLT, 1/4 X 1/2	2
	99-E20	FLANGE NUT, 1/4	2
25	G2510	PIN, HITCH CLIP	2
26	G8116	BRACKET	1
27	F0301	SCREW, MACHINE 10 X 3/4	2
28	F0003	NUT, NYLON INSERT	2
29	G8115	HANDLE	1
30	G8117	STUD	1
31	G8118	WASHER	1
32	G8119	RETAINER	1

Optional Hydraulic Roll-up  
Figure 36



# ROLL-UP SYSTEM

# section 9

## Parts List for Figure 36

Ref.	Part No.	Description	Quantity
1	23-154	FLOW CONTROL VALVE	1
2	6109507	MOUNT, VALVE - HYD. ROLL UP CONTROL	1
3	25-0503-8-8	FITTING, STR -8 M ORB/-8 M JIC	3
4	25-063T-8-8	FITTING, TEE -8 FJIC/ 2)-8 MJIC	1
5	20-226	HOSE, 5/8X48-1/2-8FJICX-12FJIC9	1
6	99-E20	FLANGE NUT, 1/4-20	2
7	99-K89	BOLT, FLANGE 1/4 X 2 1/2	2
8	20-173	HOSE, 1/2 X 36 -8FJIC X -8FJIC (16/18")	1
	20-214	HOSE, 1/2 X 42 100R2 #8 JIC (24")	1
9	REF	TUBE, HANDRAIL	
10	20-173	HOSE, 1/2 X 36 -8FJIC X -8FJIC (16/18")	2
	20-067	HOSE, 1/2 X 40 100R2 #8 JIC (24")	2
13	REF	ROLLUP ASSEMBLY	
14	6115180	MOUNT, HYDRAULIC ROLLUP MOTOR	1
15	99-K11	BOLT, FLANGE 3/8-16 X 3/4	2
16	99-E13	FLANGE NUT, 3/8	2
17	25-2103-8-8	FITTING, 90 -8 MPT X -8 M JIC	2
18	H0012	MOTOR, HYDRAULIC	1
19	99-K11	BOLT, FLANGE 3/8 X 3/4	4
20	D1103	SPROCKET, FIXED 40 X 15T X 1"BORE	1
21	D1132	SPROCKET, 4022 X 1"	1
22	6115185	CHAIN, HYDRAULIC ROLLUP DRIVE	1
*	81-056	CONNECTOR LINK, #40	1
*	81-076	HALF-LINK, #40	1
23	6115181	SHIELD, HYDRAULIC ROLLUP MOTOR	1
24	99-K26	BOLT, FLANGE 1/4 X 3/4	2
25	99-E20	FLANGE NUT, 1/4	2
*	002620	GUARD, CHAIN ROLLUP DRIVE (CROSS CONVEYOR)	1
*	6115186	GUARD, CHAIN ROLLUP DRIVE (SOD CATCHER)	1

\* Not Illustrated



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Cross Conveyor Assembly	10-2

A kit is available which contains all the items required to install a Cross Conveyor.

CROSS CONVEYOR INSTALLATION KIT: PART NO. A03231 (16/18") or A03257 (24")

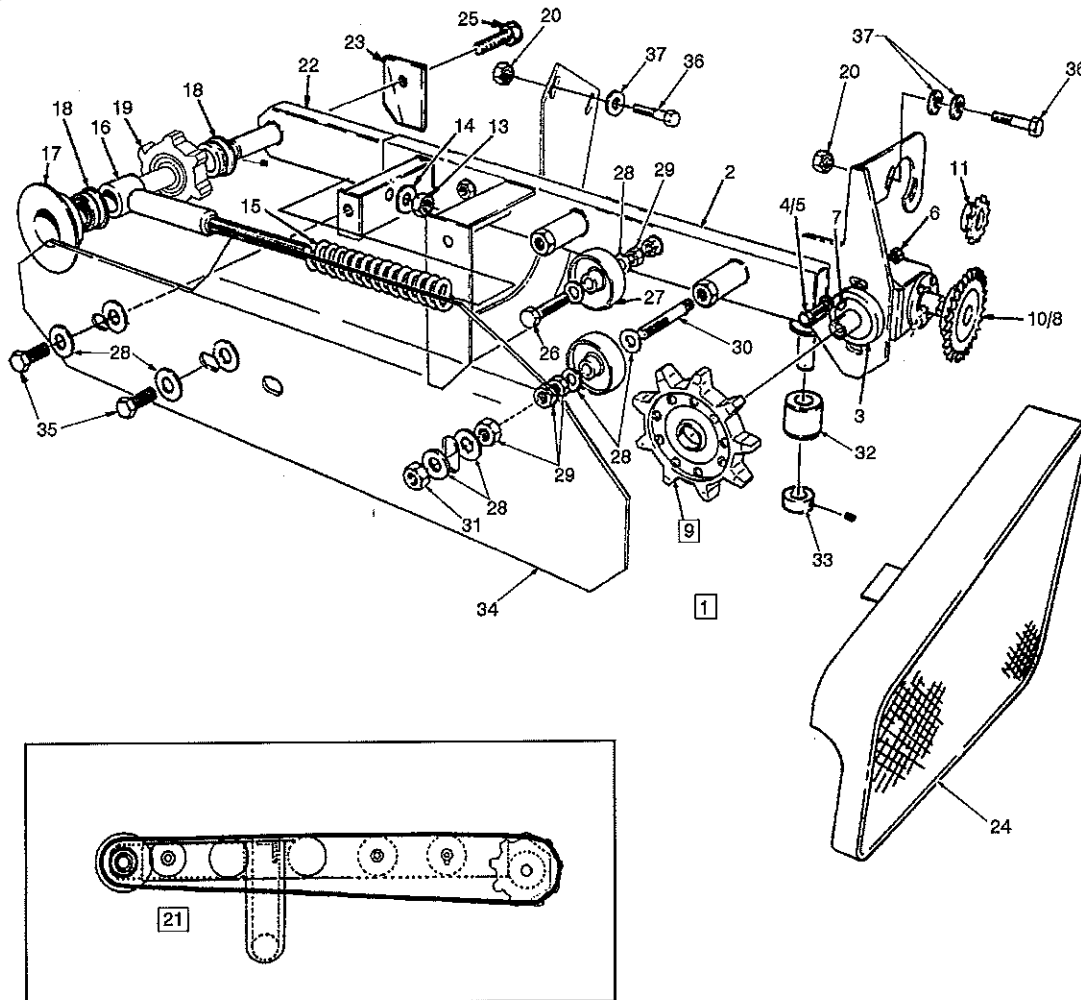
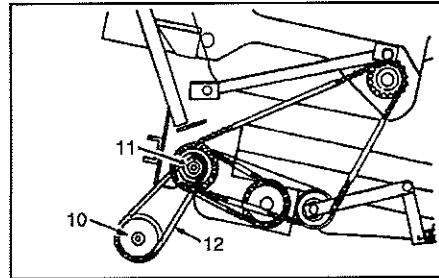
Contains Cross Conveyor and all necessary hardware

# CROSS CONVEYOR

# section 10

Cross Conveyor Assembly  
Figure 37

19  
should be IDLER?  
see 1560 P 12-2



# CROSS CONVEYOR

# section 10

## Parts List for Figure 37

Ref.	Part No.	Description	Quantity
1	A03231	ASSEMBLY, ROLL CROSS CONVEYOR 16/18"	1
	A03257	ASSEMBLY, ROLL CROSS CONVEYOR 24"	1
2	015824	FRAME, ROLL CROSS CONVEYOR 16/18"	1
	015846	FRAME, ROLL CROSS CONVEYOR 24"	1
3	D0055	GEARBOX, 90 DEG. LH DRIVE	1
4	90-0612	BOLT, 3/8 X 1-1/2	2
5	015907	FLAT WASHER, 3/8 HEAVY DUTY	2
6	F3013	NUT, FLANGED STOVER LOCK	2
7	G8025	KEY, WOODRUFF 5/32 X 5/8	1
8	85-W0306	KEY, WOODRUFF 3/16 X 3/4	1
9	A03520	ASSEMBLY, CROSS CONVEYOR DRIVE SPOCKET	1
	83-053	SPROCKET, 9 TOOTH BROUWER	1
	D8001	FLANGE, SPROCKET	1
	85-SS12	SET SCREW, 1/4 X 1/4 SOCKET HEAD	2
	99-K06	BOLT, 1/4 X 3/4 SL RD HD	9
	99-E39	LOCKNUT, NYLON 1/4	9
	015841	HUB, DRIVE SPROCKET	1
10	D1133	SPROCKET, FIXED #40 X 25T X 7/8"	1
11	D1108	SPROCKET, FIXED #40 X 18T X 1" BORE	1
	D1103	SPROCKET, FIXED #40 X 15T X 1" BORE (OPTIMAL HIGH SPEED)	1
12	Q8008	#40 ROLLER CHAIN	1
	81-056	CONNECTOR LINK, #40	1
	81-076	HALFLINK, #40	1
13	99-E41	LOCKNUT, NYLON 1/2	1
14	94-08	FLAT WASHER, 1/2	1
15	101275	SPRING, TELESCOPING ARM	1
16	015831	BELT ADJUSTER	1
17	015427	ROLLER, FLANGED IDLER	1
18	B2022	BEARING, BALL 1" (SETSCREW)	2
19	014268	DRIVE SPROCKET	1
20	F4008	NUT, FLANGED STOVER	4
21	A03232	ASSY, RUBBER BELT ROLL CROSS CONVEYOR	1
	002639	BELT, CROSS CONVEYOR	1
	G8008	MAT SPLICER	2
22	015829	CROSS CONVEYOR SLIDE	1
23	015882	GUIDE, BELT	1
24	6115943	GUARD, CHAIN ROLL-UP DRIVE	1
	6115942	COVER, SHIELD	1
	99-K31	FLANGE BOLT, 1/4 X 1/2	2
	99-E20	FLANGE NUT, 1/4	2
25	99-K11	BOLT, FLANGE 3/8 X 3/4	1
26	90-0820	BOLT, 1/2 X 2-1/2	2
27	R0005	WHEEL, NYLON 3" DIA. X 1/2" BORE	4
28	95-08	FLAT WASHER, 1/2 SAE	16
29	99-E10	JAM NUT, 1/2	8
30	015843	STUD, CROSS CONVEYOR	2
31	99-E41	LOCKNUT, NYLON 1/2	2
32	014085	NYLON ROLLER, ROLL-UP TRAY	1
33	85-SC14	SET COLLAR, 7/8	1
34	015844	GUARD, CROSS CONVEYOR	1
35	90-0808	BOLT, 1/2 X 1	2
36	90-0716	BOLT, 7/16 X 2	4
37	95-08	FLAT WASHER, 1/2 SAE	8





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Sod Catcher Assembly	11-2

A kit is available which contains all the items required to install a Sod Catcher.

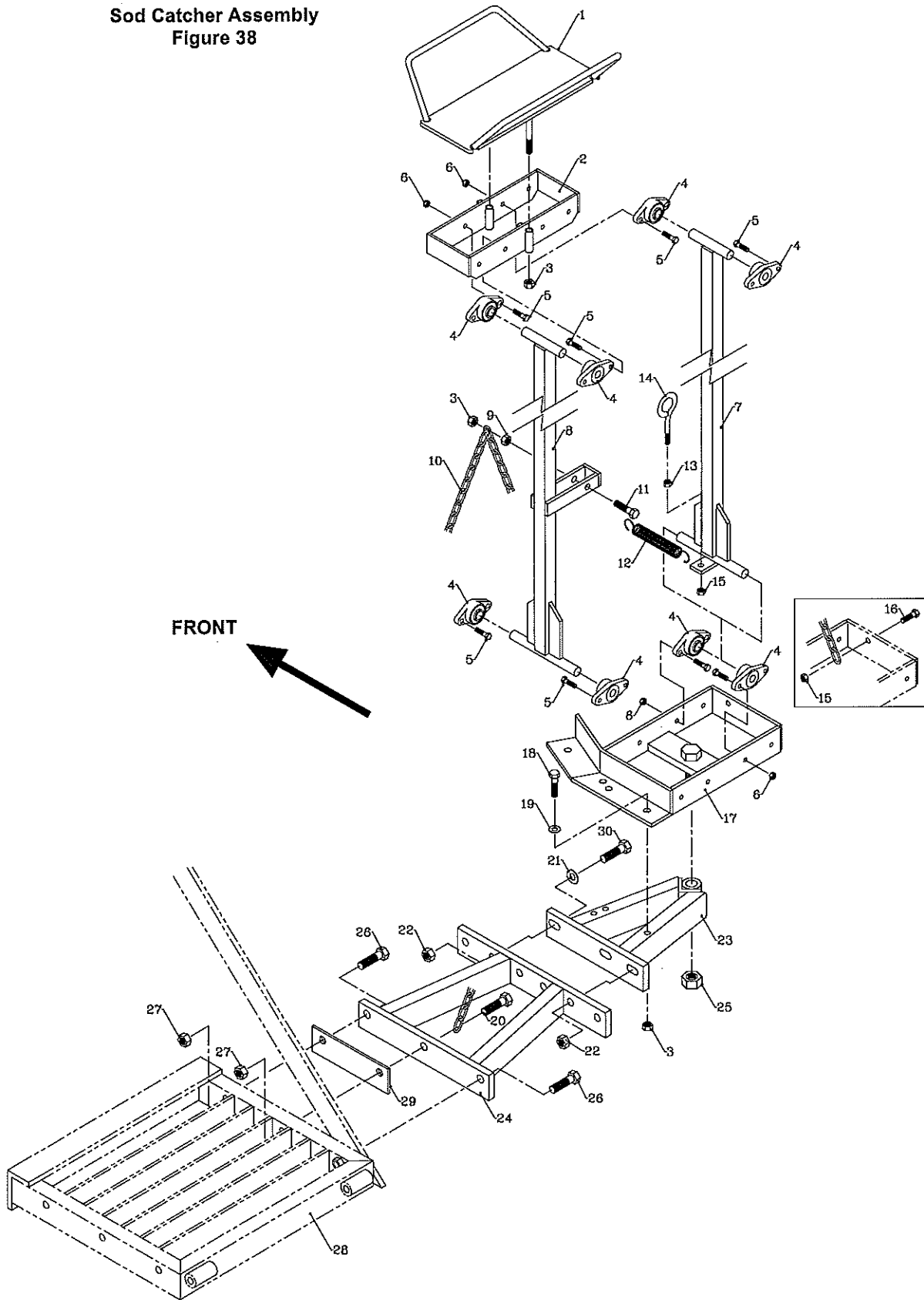
SOD CATCHER INSTALLATION KIT: PART NO. A03559 (16/18") or A03560 (24")

Contains Sod Catcher and all necessary hardware

# SOD CATCHER

# section 11

Sod Catcher Assembly  
Figure 38



# SOD CATCHER

# section 11

## Parts List for Figure 38

Ref.	Part No.	Description	Quantity
	A03559	ASSEMBLY, SOD CATCHER -16/18"	1
	A03560	ASSEMBLY, SOD CATCHER -24"	1
1	002632	BASKET, SOD CATCHER -16/18"	1
	002647	BASKET, SOD CATCHER -24"	1
2	001432	FRAME, SOD CATCHER TOP	1
3	F3013	NUT, FLANGED STOVER LOCK	5
4	B0002	BEARING, FLANGE- 5/8 SET SCREW	8
5	99-K27	BOLT, FLANGE 1/4 X 1	16
6	99-E20	FLANGE NUT, 1/4	16
7	001434	SOD CATCHER ARM RH	1
8	001435	SOD CATCHER ARM LH	1
9	92-06	NUT, 3/8	1
10	002238	CHAIN, PIVOT	1
11	90-0622	BOLT, 3/8-16 X 2-3/4	1
12	S2003	SPRING, EXTENSION	1
13	92-05	NUT, 5/16	1
14	F2706	BOLT, EYE	1
15	F2014	NUT, STOVER FLANGE 5/16	1
16	99-K02	BOLT, FLANGE 5/16 X 1	1
17	001433	FRAME, SOD CATCHER BOTTOM	1
18	90-0624	BOLT, 3/8 X 3	2
19	94-06	FLAT WASHER, 3/8 USS	2
20	90-0724	BOLT, 7/16 X 3	1
21	94-08	FLAT WASHER, 1/2	3
22	99-A08	LOCKNUT, STOVER 1/2-13	3
23	002585	SOD CATCHER UPPER BASE	1
24	6115713	SOD CATCHER BASE	1
25	99-A12	LOCKNUT, STOVER 3/4	1
26	90-0722	BOLT, 7/16 X 2-3/4	1
27	F4008	NUT, FLANGED STOVER 7/16	2
28	REF	PLATFORM, MAIN (SEE FIGURE 1)	
29	001715	SHIM, PLATFORM BRACE	1
30	90-0814	BOLT, 1/2-13 X 1-3/4	3

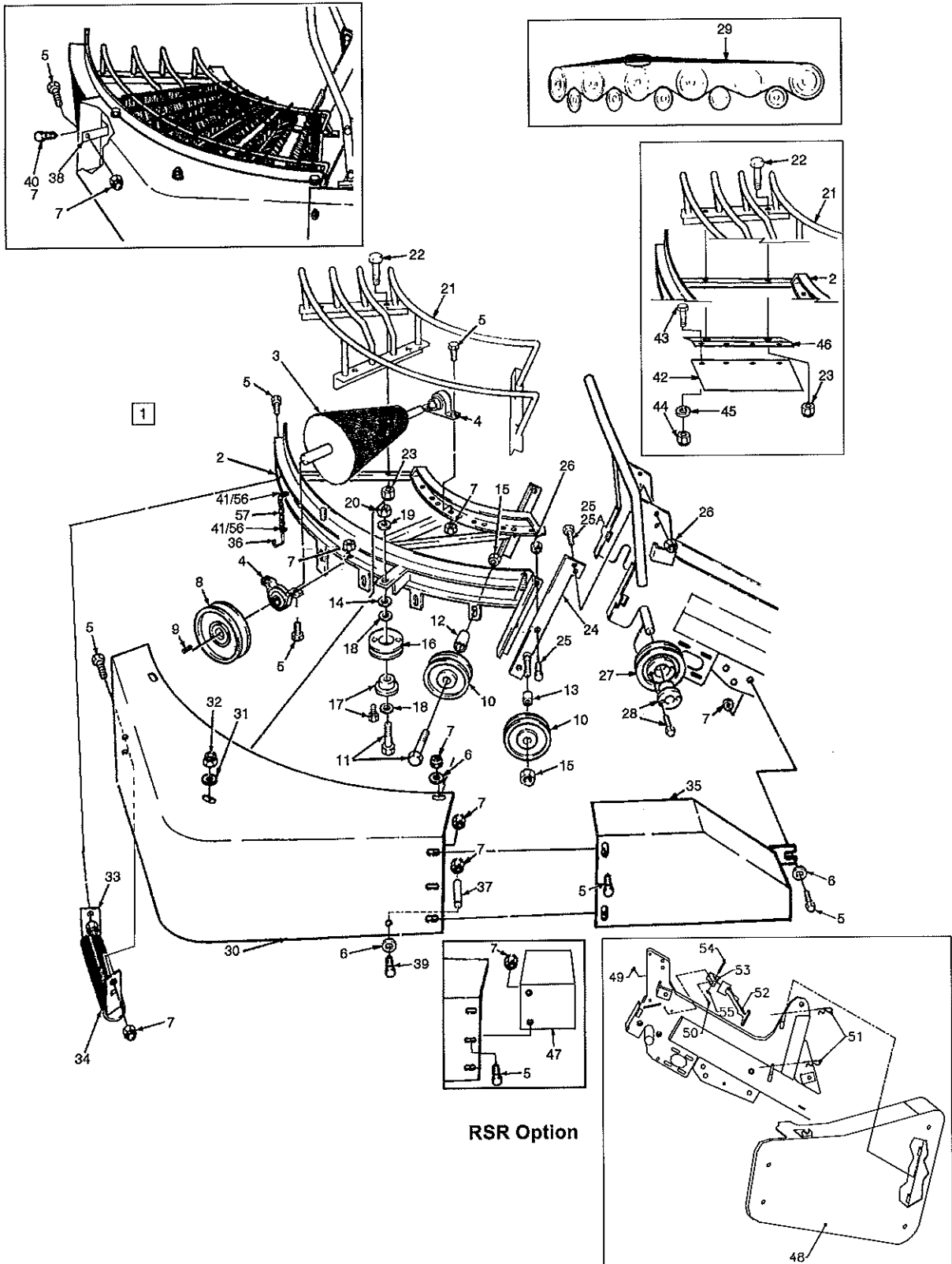


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Curved Conveyor Assembly, 24"	12-6

# CURVED CONVEYOR

# section 12

Curved Conveyor, 16/18"  
Figure 39



RSR Option

# CURVED CONVEYOR

# section 12

Parts List for Figure 39

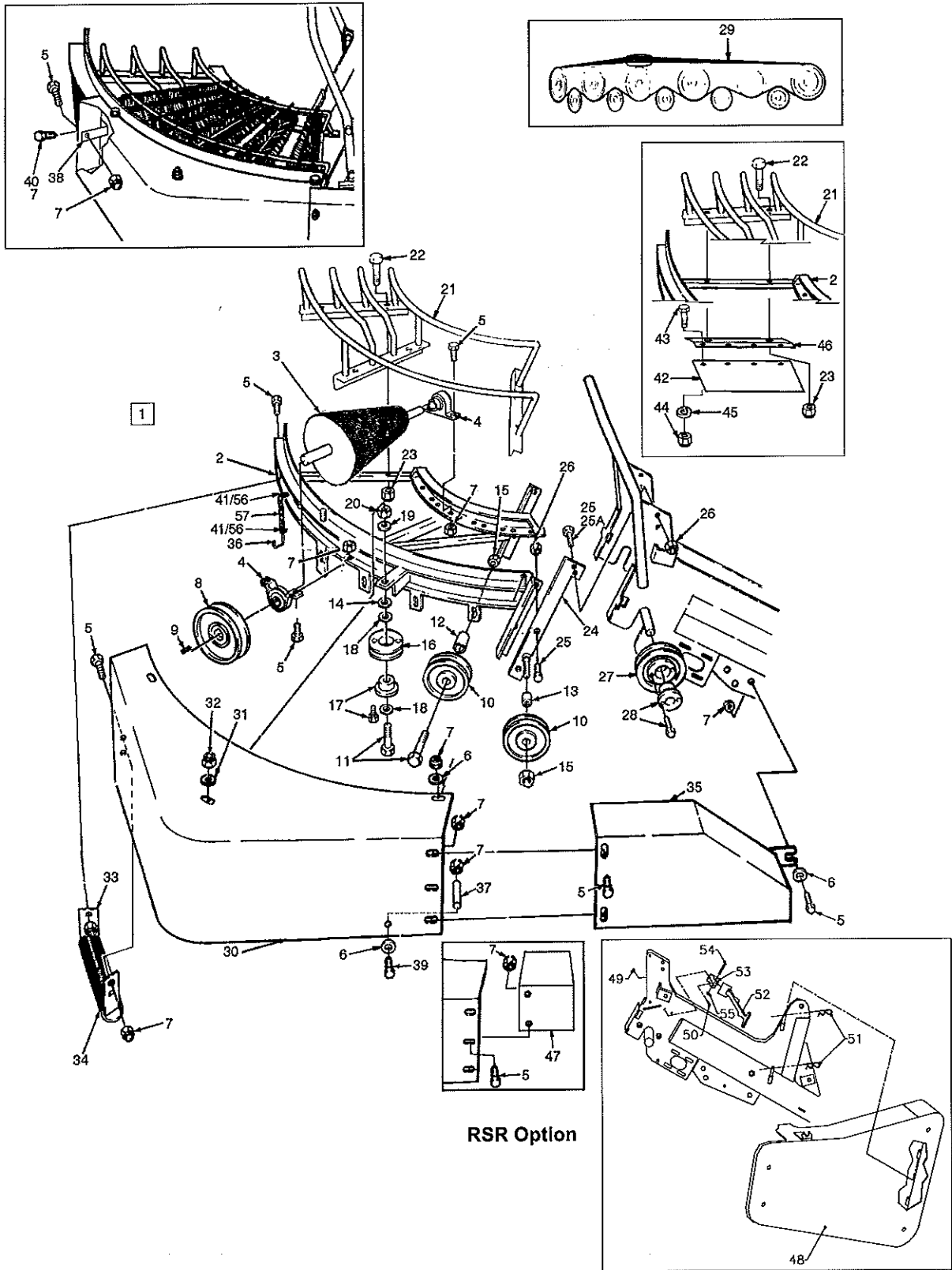
Ref.	Part No.	Description	Quantity
1	A03287	CURVED CONVEYOR ASSEMBLY	1
2	001949	OUTER FRAME	1
3	79-086	ROLLER, TAPER BRUSH	5
4	B1002	BEARING	10
5	99-K19	FLANGE BOLT, 5/16 X 3/4	28
	99-K19	FLANGE BOLT, 5/16 X 3/4 (RSR OPTION)	27
6	F2056	FLATWASHER, 5/16	3
	F2056	FLATWASHER, 5/16 (RSR OPTION)	2
7	99-E12	FLANGE NUT, 5/16-18	30
	99-E12	FLANGE NUT, 5/16-18 (RSR OPTION)	29
8	83-042	SHEAVE, FIXED	5
9	123324	KEY, 3/16 X 3/16 X 1-1/2	5
10	D2902	SHEAVE, BELT IDLER	5
11	90-0822	BOLT, 1/2 X 2-3/4	5
12	001955	SPACER	4
13	014113	SPACER	1
14	95-08	FLATWASHER, 1/2 SAE	2
15	F5018	NUT, FLANGED STOVER	5
16	D2302	SHEAVE, TAPER LOCK	1
17	D3013	BUSHING, SPLIT TAPER LOCK	1
18	F5054	WASHER, MACH. 1/2 X 7/8 X .032	2
19	94-08	FLAT WASHER, 1/2	1
20	99-E10	JAM NUT, 1/2	2
21	001950	FRAME, INNER SOD SUPPORT	1
22	90-0412	BOLT, 1/4 X 1 1/2	4
23	99-E20	FLANGE NUT, 1/4	6
24	001024	MOUNT, CURVED CONVEYOR RH	1
	001025	MOUNT, CURVED CONVEYOR LH	1
25	99-K22	FLANGE BOLT, 3/8 X 1 1/4 (STANDARD)	8
	99-K22	FLANGE BOLT, 3/8 X 1 1/4 (RSR OPTION)	4
25A	99-K73	FLANGE BOLT, 3/8 X 1 1/2 (RSR OPTION)	4
26	F3013	NUT, FLANGED STOVER LOCK	8
27	83-BK60H	PULLEY, 6" H1 BUSHING	1
	83-BK6016	PULLEY, 6", 1" BORE (RSR OPTION)	1
28	83-H16SPL	BUSHING	1
29	D2101	BELT	1
30	001026	GUARD, V-BELT REAR	1
	401257	DECAL, BROUWER	1
31	95-08	FLAT WASHER, 1/2 SAE	1
32	F5012	NUT, NYLON INSERT 1/2	1
33	015299	BRACKET, KNEE GUARD	1
34	001399	RUBBER SLEEVE	1
35	016515	GUARD W/A, FRONT	1
36	002651	HOOK	1
37	002044	SHIELD SUPPORT, FRONT	1
38	002045	SHIELD SUPPORT, REAR	1
39	90-0544	BOLT, 5/16 X 5 1/2	1
40	99-K28	FLANGE BOLT, 5/16 X 1/2	1
41	99-K02	FLANGE BOLT, 5/16 X 1	2
42	002349	RUBBER SHIELD	1
43	99-K47	BOLT, 1/4 X 3/4 BUTTON HEAD	4
44	99-A04	LOCKNUT, STOVER 1/4	4

Continued on next page

# CURVED CONVEYOR

# section 12

Curved Conveyor, 16/18"  
Figure 39





# CURVED CONVEYOR

# section 12

## Parts List for Figure 39 (continued)

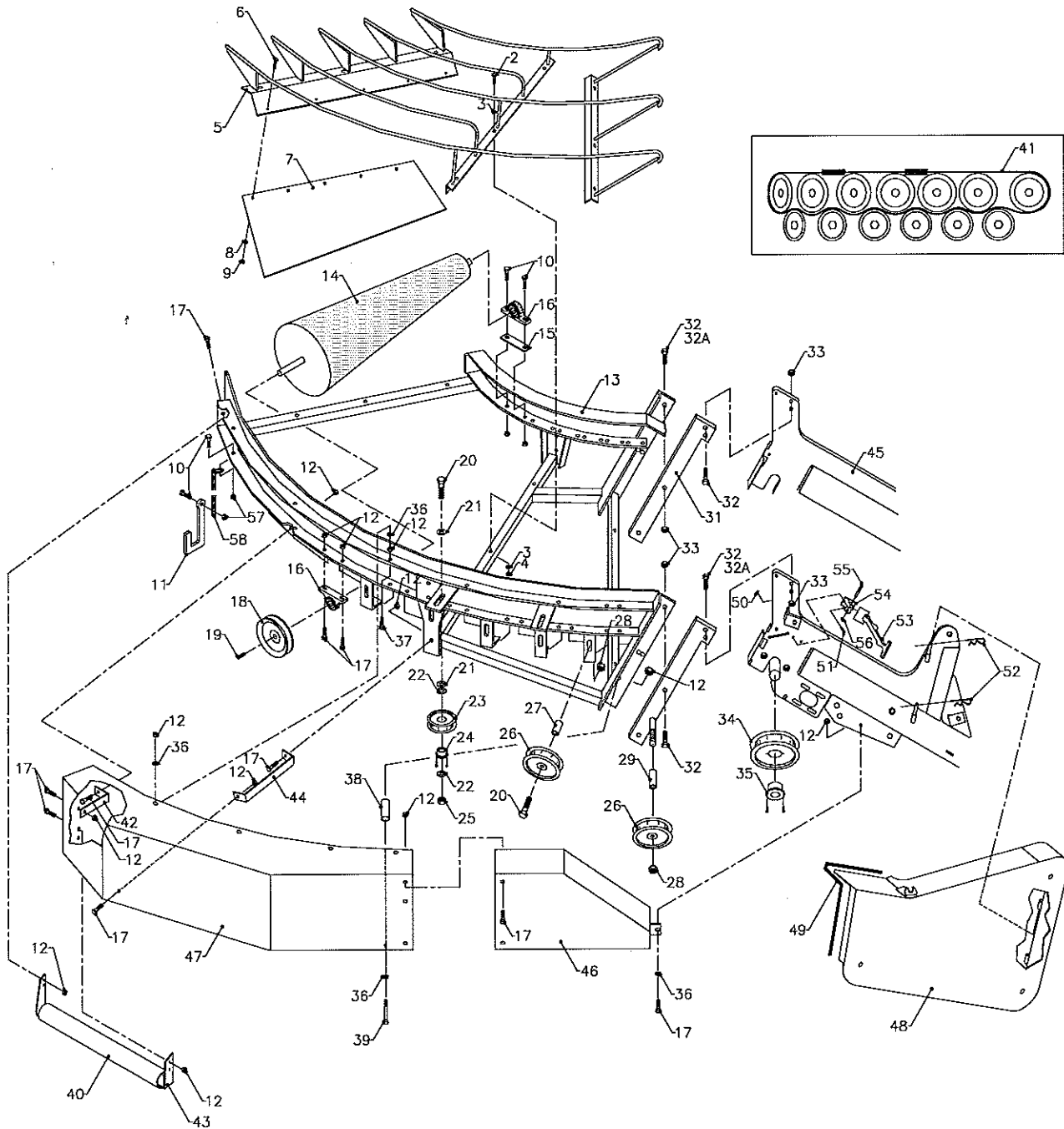
<u>Ref</u>	<u>Part no.</u>	<u>Description</u>	<u>Quantity</u>
45	94-04	FLAT WASHER, 1/4	4
46	002350	RUBBER SHIELD CLAMP	1
		These items are used on the RSR Option:	
47	002437	SHIELD, ROLL-UP DRIVE GUARD	1
48	002314	CROSS CONV. ROLL-UP DRIVE GUARD	1
	401257	DECAL, BROUWER	1
49	F0003	LOCKNUT, NYLON #10-24	2
50	F0301	SCREW, MACHINE 10-24 X 3/4	2
51	G2510	PIN, HITCH CLIP	2
52	G8115	HANDLE	1
53	G8116	BRACKET	1
54	G8117	STUD	1
55	G8119	RETAINER	1
56	F2014	NUT, STOVER FLANGE 5/16-18	2
57	002652	CHAIN, HOOK	1
*	00-026	DECAL, LUBE OIL SYMBOL	1

\* Not Illustrated

# CURVED CONVEYOR

# section 12

Curved Conveyor, 24"  
Figure 40



# CURVED CONVEYOR

# section 12

Parts List for Figure 40

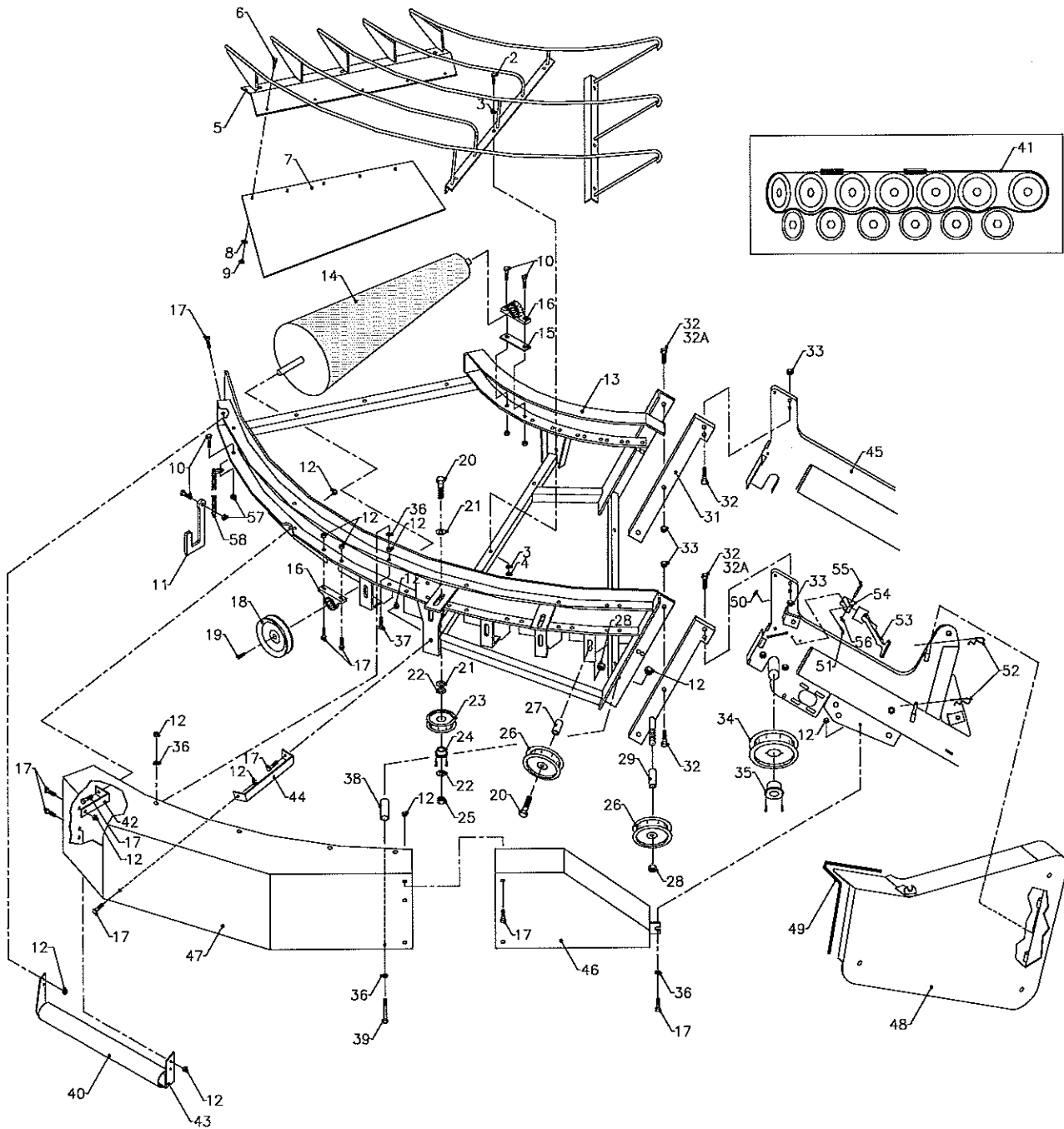
Ref.	Part number	Description	Quantity
1	A03292	CURVED CONVEYOR ASSEMBLY, 24"	
	A03293	RSR OPTION, 24"	
2	90-0414	BOLT, 1/4 X 1-3/4	6
3	94-04	FLAT WASHER, 1/4	12
4	99-E20	FLANGE NUT, 1/4	6
5	002553	FRAME, INNER SOD SUPPORT 24"	1
6	99-K47	BOLT, 1/4 X 3/4 BUTTON HEAD	5
7	002565	RUBBER SHIELD	1
8	99-B55	WASHER, 9/32 ID X 1 1/4 OD X 10 ga.	5
9	99-A04	LOCKNUT, STOVER 1/4	5
10	99-K02	BOLT, FLANGE 5/16 X 1	14
11	002651	HOOK	1
12	99-E12	FLANGE NUT, 5/16-18	39
13	002554	FRAME, OUTER SOD SUPPORT 24"	1
14	79-116	BRUSH, 24" TAPERED (SPIRAL)	6
15	002559	SHIM, BEARING SPACER	6
16	B1002	BEARING,PILLOW BLOCK -5/8	12
17	99-K19	BOLT, FLANGE 5/16 X 3/4	22
18	83-042	PULLEY, 5/8" BORE W/3/16" KEYWAY	6
19	123316	KEY, 3/16" X 3/16" X 1" LONG	6
20	90-0820	BOLT, 1/2 X 2-1/2	7
21	94-08	FLAT WASHER, 1/2	4
22	F5054	WASHER, MACH. 1/2 X 7/8 X .032	4
23	D2302	SHEAVE, TAPER LOCK BK40H	2
24	D3013	BUSHING, SPLIT TAPER LOCK	2
25	F5012	NUT, NYLON INSERT	2
26	D2902	SHEAVE, BELT IDLER (RIVETED)	6
27	001955	SPACER, SHEAVE IDLER	5
28	F5018	NUT, FLANGED STOVER	6
29	014113	SPACER, SHEAVE IDLER	1
30	001024	MOUNT, CURVED CONVEYOR-RH	1
31	001025	MOUNT, CURVED CONVEYOR-LH	1
32	99-K83	BOLT, FLANGE 3/8 X1-1/4 GR. 8	8
	99-K83	BOLT, FLANGE 3/8 X1-1/4 GR. 8 (RSR OPTION)	4
32A	99-K83	BOLT, FLANGE 3/8 X1-1/4 GR. 8 (RSR OPTION)	4
33	99-E58	NUT, FLANGED STOVER LOCK GR. 8	8
34	83-BK60H	PULLEY, 6", H BUSHING	1
	83-BK6016	PULLEY, 6", 1" BORE (RSR OPTION)	1
35	83-H16SPL	BUSHING, H X 1" SPLIT TYPE	1
36	F2056	WASHER, FLAT 5/16" ID	10
37	99-K62	BOLT, FLANGE 5/16 X 1-1/4	4
38	002044	SHIELD SUPPORT FRONT	1
39	90-0544	BOLT, 5/16 X 5-1/2	1
40	001399	RUBBER SLEEVE	1
41	81-A136	BELT, GATED A-136 HI-POWER	1
42	002045	SHEILD SUPPORT REAR	1
43	015299	BRACKET, KNEE GUARD	1
44	002570	SHIELD, SUPPORT MIDDLE	1
45	REF	CONVEYOR FRAME	
46	016515	GUARD, FRONT (STD. CURVED CONVEYOR ONLY)	1
47	002573	SHIELD, BELT GUARD REAR	1
	401257	DECAL, BROUWER	1

Continued on next page

# CURVED CONVEYOR

# section 12

Curved Conveyor, 24"  
Figure 40



# CURVED CONVEYOR

# section 12

## Parts List for Figure 40 (continued)

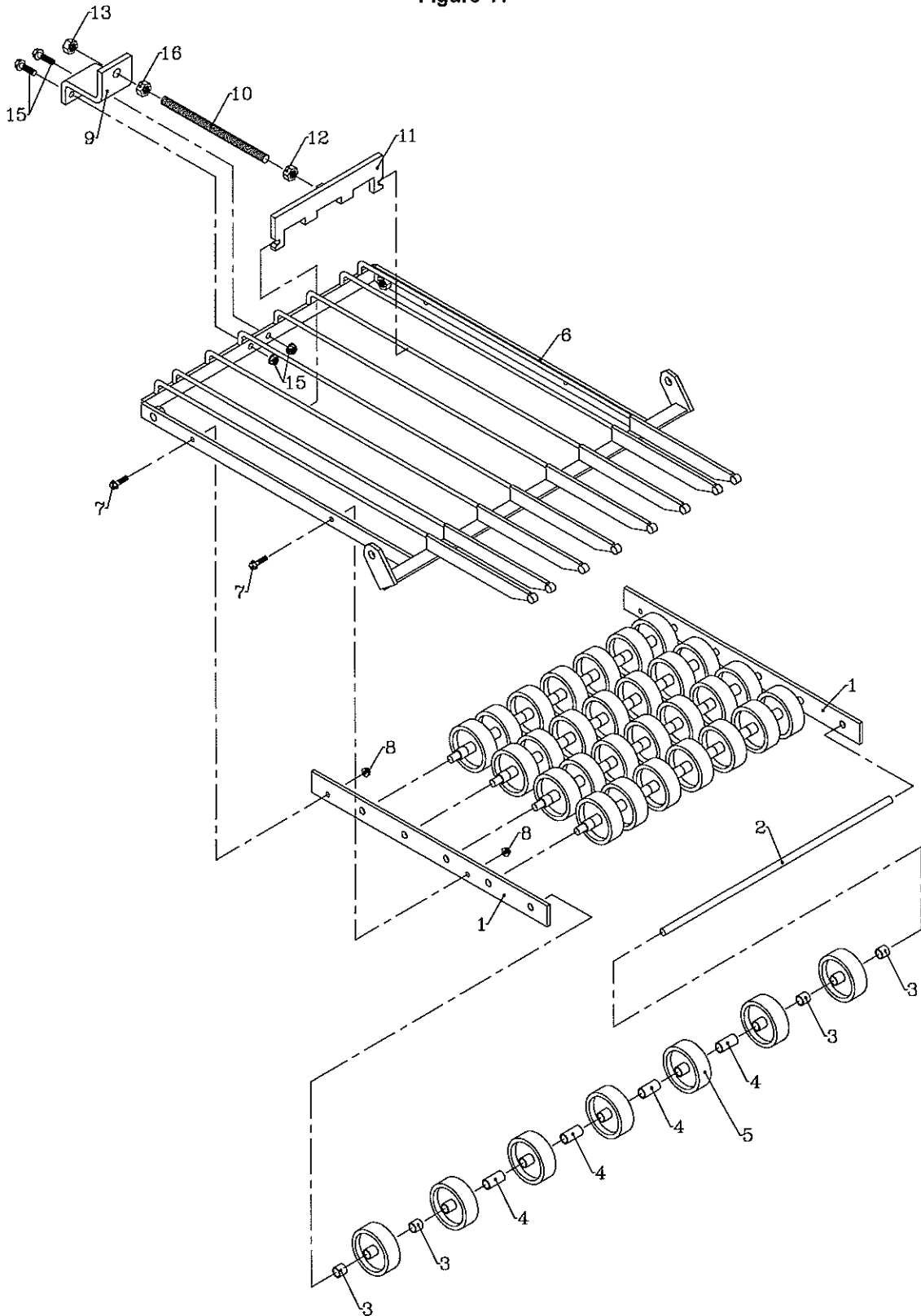
<u>Ref.</u>	<u>Part number</u>	<u>Description</u>	<u>Quantity</u>
		These items are used on the RSR Option:	
48	002575	GUARD, CHAIN ROLL-UP	1
	401257	DECAL, BROUWER	1
49	56-046	TRIM, TRIM-LOC /FT.	1.66
50	F0003	LOCKNUT, NYLON #10-24	2
51	F0301	SCREW, MACHINE 10-24 X 3/4	2
52	G2510	PIN, HITCH CLIP	2
53	G8115	HANDLE	1
54	G8116	BRACKET	1
55	G8117	STUD	1
56	G8119	RETAINER	1
57	F2014	NUT, STOVER FLANGE 5/16-18	2
58	002652	CHAIN, HOOK	1
*	00-226	DECAL, LUBE OIL SYMBOL	1

\* Not Illustrated



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Roller Bed Assembly  
Figure 41

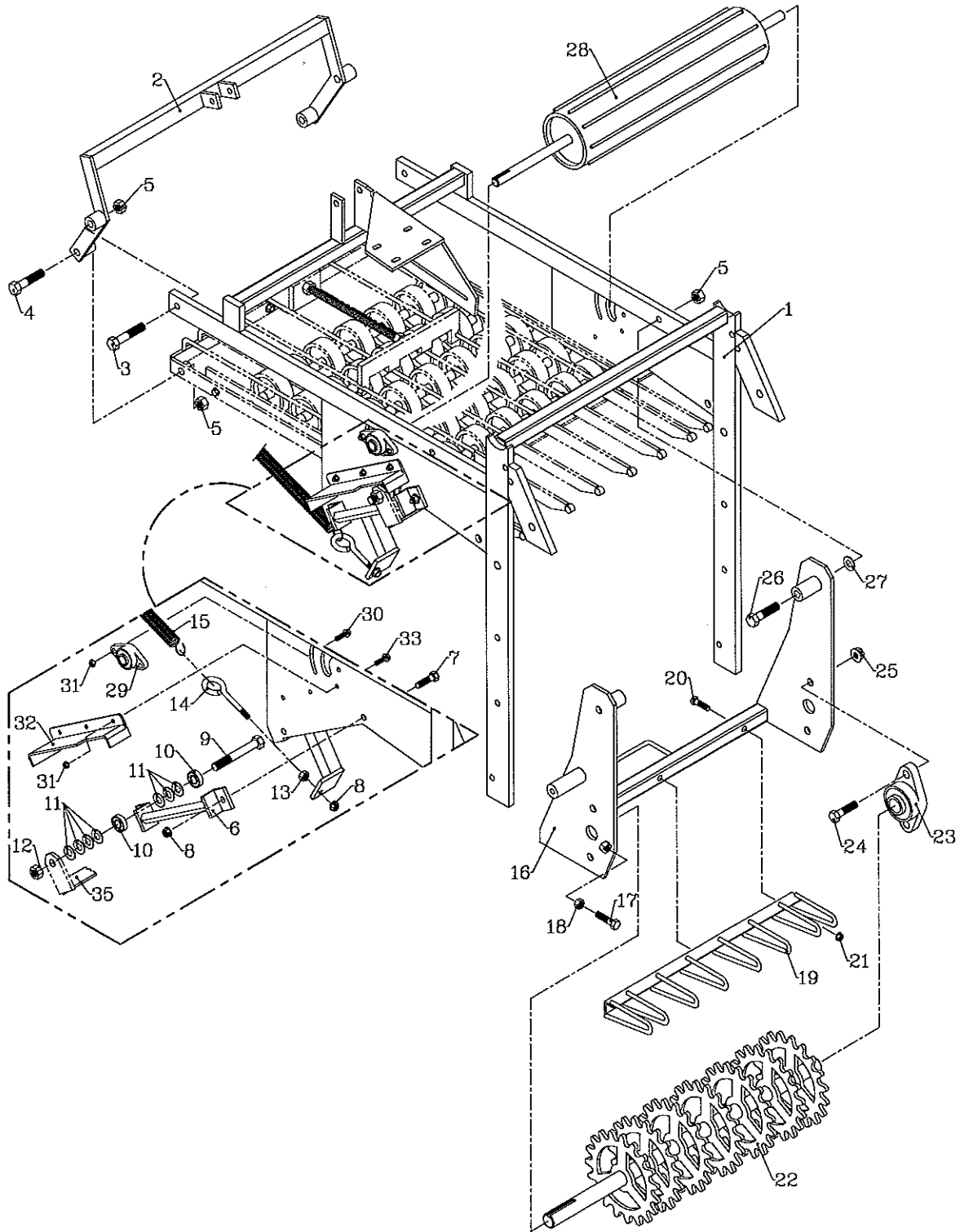




Parts List for Figure 41

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
	A03426	ROLLER BED ASSEMBLY	1
1	015434	PLATE, ROLLER SIDE	2
2	015435	SHAFT, ROLLER	5
3	015658	SPACER	20
4	015659	SPACER	20
5	R0005	WHEEL, NYLON 3" DIA. X 1/2" BORE	35
6	001926	GATE FOR FOLDER	1
7	99-K27	FLANGE BOLT, 1/4 X 1	4
8	99-E20	FLANGE NUT, 1/4	4
9	015919	BRACKET, STOP- SOD	1
10	015920	STUD, SOD STOP	1
11	015918	STOP, SOD	1
12	99-E10	JAM NUT, 1/2	1
13	99-E41	LOCKNUT, NYLON 1/2	1
14	99-K02	FLANGE BOLT, 5/16 X 1	2
15	99-E12	FLANGE NUT, 5/16	2
16	92-08	NUT, 1/2	1

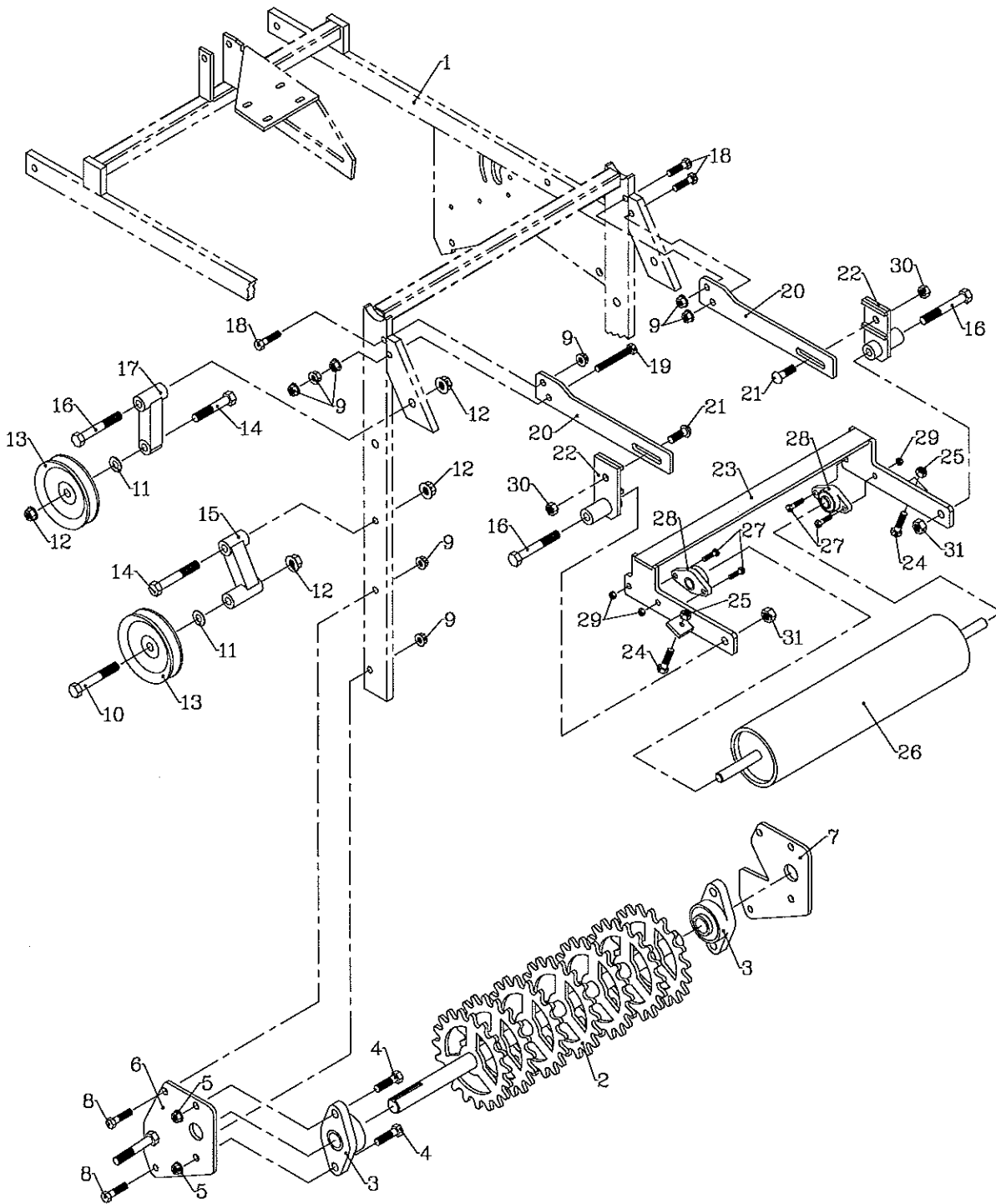
Main Frame: Upper Section  
Figure 42



## Parts List for Figure 42

Ref.	Part No.	Description	Quantity
1	015948	FRAME, FOLDER MAIN	1
2	015949	FRAME, REAR HINGE	1
3	90-0818	BOLT, 1/2 X 2-1/4	2
4	90-0820	BOLT, 1/2 X 2-1/2	2
5	F5011	NUT, NYLON LOCK 1/2	6
6	001921	RAIL	2
7	90-0608	BOLT, 3/8 X 1	4
8	99-E13	FLANGE NUT, 3/8	5
9	90-0816	BOLT, 1/2 X 2	2
10	B2010	BEARING, BALL 1/2 ID	4
11	F4053	WASHER, FLAT	14
12	99-E41	LOCKNUT, NYLON 1/2	2
13	99-E21	JAM NUT, 3/8	1
14	F3728	BOLT, EYE 3/8	1
15	S2028	SPRING, EXTENSION	1
16	001927	FRAME, REVERSING DRIVE HINGED	1
17	99-K33	BOLT, 3/8 X 2 HEX TAP	2
18	99-E21	JAM NUT, 3/8	2
19	001928	SOD STRIPPER	1
20	90-0512	BOLT, 5/16 X 1-1/2	3
21	99-E12	FLANGE NUT, 5/16	3
	A03175	ASSEMBLY, SPROCKET SHAFT	1
22	001929	SHAFT, SPROCKET	1
23	55-FB23016	BEARING, 2-BOLT FLANGE 1"	2
24	90-0710	BOLT, 7/16 X 1-1/4	4
25	99-E48	FLANGE NUT, 7/16	4
26	90-0824	BOLT, 1/2 X 3	2
27	94-08	FLAT WASHER, 1/2	2
28	015430	ROLLER, 4" RIBBED	1
29	B0002	BEARING, FLANGE:-5/8 SET SCREW	2
30	99-K27	FLANGE BOLT, 1/4 X 1	4
31	99-E20	FLANGE NUT, 1/4	10
32	006713	GUARD	2
33	99-K26	FLANGE BOLT, 1/4 X 3/4	6
34	REF	GATE FOR FOLDER	1

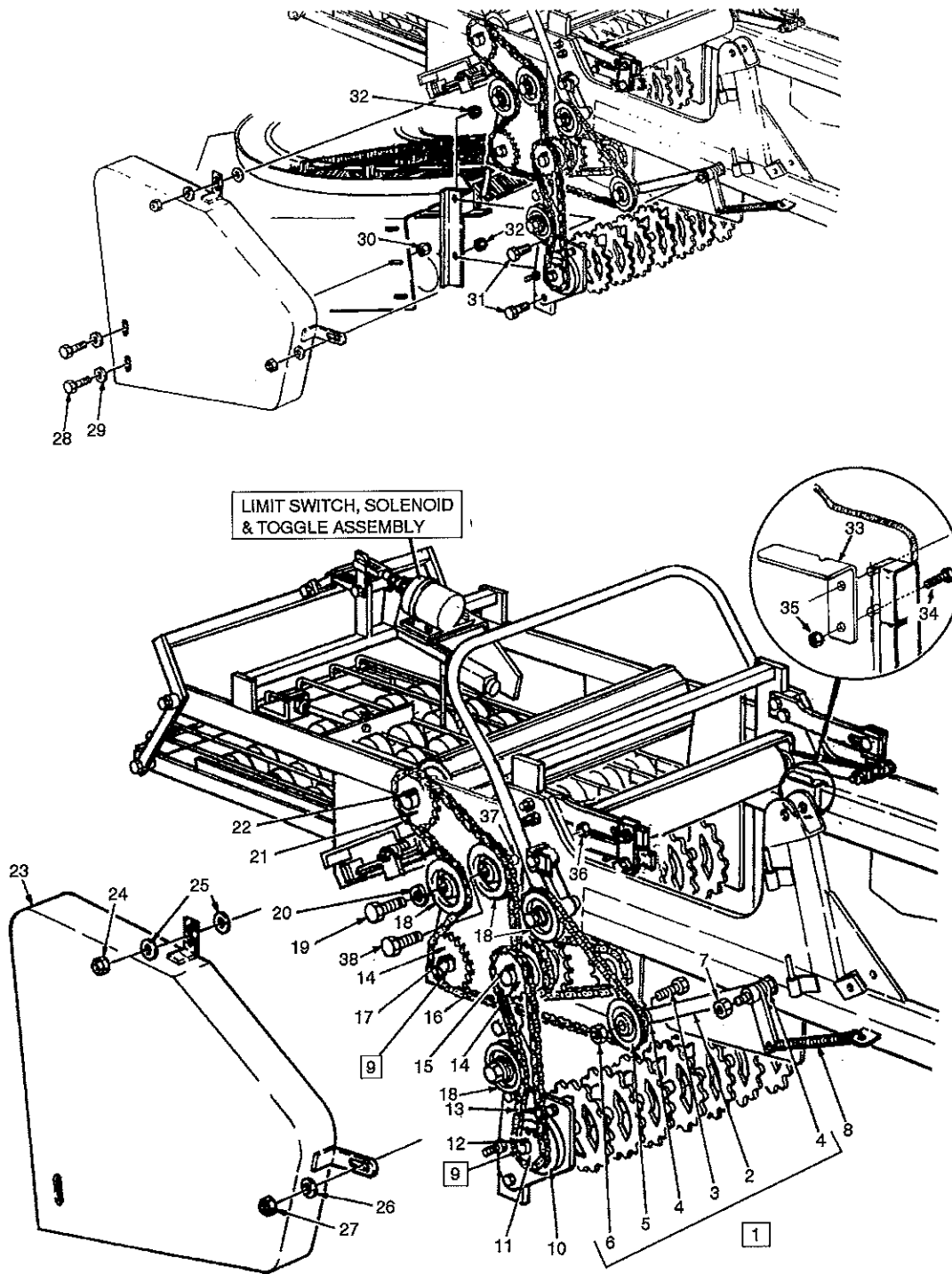
Main Frame: Lower Section  
Figure 43



Parts List for Figure 43

Ref.	Part No.	Description	Quantity
1	REF	FRAME, FOLDER MAIN	1
	A03175	ASSEMBLY, SPROCKET SHAFT	1
2	001929	SHAFT, SPROCKET	1
3	55-FB23016	BEARING, 2-BOLT FLANGE 1"	2
4	90-0710	BOLT, 7/16 X 1-1/4	4
5	99-E48	FLANGE NUT, 7/16	4
6	001960	PLATE, RH SIDE MOUNTING	1
7	001961	PLATE, LH SIDE MOUNTING	1
8	90-0612	BOLT, 3/8 X 1-1/2	4
9	F3013	NUT, FLANGED STOVER LOCK	10
10	90-0832	BOLT, 1/2 X 4	1
11	94-08	FLAT WASHER, 1/2	2
12	F5018	NUT, FLANGED STOVER	4
13	D2902	SHEAVE, BELT IDLER	2
14	90-0822	BOLT, 1/2 X 2-3/4	2
15	001943	MOUNT, BUSHING & IDLER PULLEY	1
16	90-0828	BOLT, 1/2 X 3-1/2	3
17	001942	SUPPORT, BUSHING & IDLER	1
	29-010	GREASE FITTING, 1/4	1
18	90-0612	BOLT, 3/8 X 1-1/2	3
19	99-K68	BOLT, 3/8 X 2-1/4	1
20	016816	PLATE, RUNNER	2
21	F4101	BOLT, CARRIAGE 7/16 X 1-1/4	2
22	016814	HINGE, PRESSURE ROLLER ADJUSTING	2
	29-010	GREASE FITTING, 1/4	1
23	001911	FRAME, PRESSURE ROLLER	1
24	F3748	BOLT, RUBBER HEAD 3/8	2
25	92-06	NUT, 3/8	2
26	001910	ROLLER, PRESSURE	1
27	99-K27	FLANGE BOLT, 1/4 X 1	4
28	B0002	BEARING, FLANGE 5/8 SET SCREW	2
29	99-E39	LOCKNUT, NYLON 1/4	4
30	F4008	LOCKNUT, STOVER FLANGE 7/16	2
31	F5011	NUT, NYLON LOCK 1/2 THIN	2

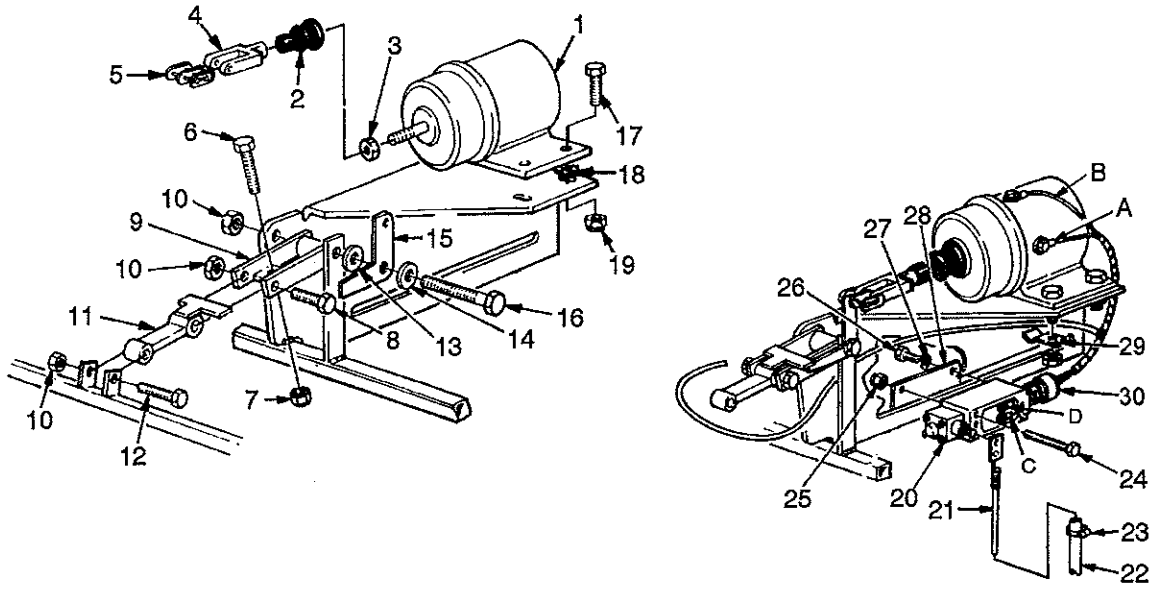
Folder Drive  
Figure 44



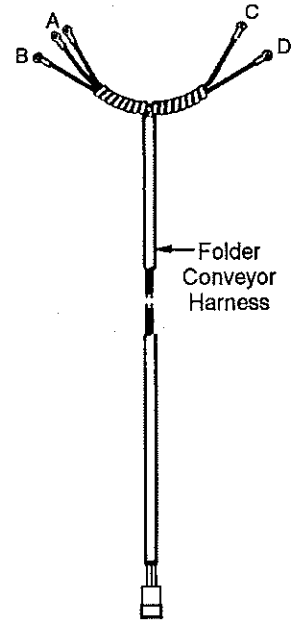
Parts List for Figure 44

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
1	A03032	ASSEMBLY, ROLLUP CHAIN IDLER ARM	1
2	001375	ROLLUP DRIVE IDLER ARM	1
	29-010	GREASE FITTING, 1/4	1
3	90-0816	BOLT, 1/2 X 2	1
4	94-08	FLAT WASHER, 1/2	1
5	D2902	SHEAVE, BELT IDLER	1
6	F5018	NUT, FLANGED STOVER	1
7	F5012	NUT, NYLON INSERT	1
8	41-047	SPRING, EXT. 0.765 X 6.813	1
9	A03175	ASSEMBLY, SPROCKET SHAFT	1
10	83-BK50H	PULLEY, 5", H1 BUSHING	1
11	D1106	SPROCKET, FIXED #40 X 16 X 1" BORE	1
12	124432	KEY, 1/4 X 1/4 X 2	1
13	Q8008	#40 ROLLER CHAIN	1
14	D1117	SPROCKET, FIXED #40 X 21T	3
15	124458	KEY, 1/4 X 1/4 X 3-5/8	1
16	Q8008	#40 ROLLER CHAIN	1
17	124422	KEY, 1/4 X 1/4 X 1-3/8	1
18	D2902	SHEAVE, BELT IDLER	4
19	90-0816	BOLT, 1/2 X 2	2
20	96-08	LOCK WASHER, 1/2	2
21	D1403	SPROCKET, TAPER LOCK #40 X 17T	1
	D3014	BUSHING, H X 5/8	1
22	85-K0310	KEY, 3/16 X 3/16 X 1-1/4	1
23	015940	GUARD, FOLDER DRIVE	1
24	99-E40	LOCKNUT, NYLON 3/8	1
25	94-06	FLAT WASHER, 3/8	2
26	94-08	FLAT WASHER, 1/2	1
27	F5012	NUT, NYLON INSERT	1
28	90-0508	BOLT, 5/16 X 1	2
29	94-05	FLAT WASHER, 5/16	2
30	99-E12	FLANGE NUT, 5/16	2
31	90-0612	BOLT, 3/8 X 1-1/2	4
32	99-E13	FLANGE NUT, 3/8	4
33	016808	BRACKET, LEFT STOP	1
	016809	BRACKET, RIGHT STOP	1
34	99-K19	FLANGE BOLT, 5/16 X 3/4	4
35	99-E12	FLANGE NUT 5/16	4
36	F5018	NUT, FLANGED STOVER 1/2	1
37	002613	SPACER, STAND OFF	1
38	90-0830	BOLT, 1/2 X 3-3/4	1

Folder Electrical System  
Figure 45



See electrical section for wiring schematic.





Parts List for Figure 45

Ref.	Part No.	Description	Quantity
1	J9554	SOLENOID	1
2	J9555	BOOT, FOR J9554	1
3	93-04	NUT, 1/4	1
4	43-Y0404F	YOKE END, 1/4 FEMALE THREAD	1
5	81-024	CONNECTOR LINK #60	1
6	90-0610	BOLT, 3/8 X 1-1/4	1
7	92-06	NUT, 3/8	1
8	90-0820	BOLT, 1/2 X 2-1/2	1
9	015926	TOGGLE	1
10	F5012	NUT, NYLON INSERT	3
11	015927	TOGGLE ARM	1
12	90-0818	BOLT, 1/2 X 2-1/4	1
13	F5054	WASHER, MACH. 1/2 X 7/8 X .032	1
14	94-08	FLAT WASHER, 1/2	1
15	015921	LEVER, TRIP	1
16	90-0828	BOLT, 1/2 X 3-1/2	1
17	99-K26	FLANGE BOLT, 1/4 X 3/4	4
18	94-04	FLAT WASHER, 1/4	A/R
19	99-E20	FLANGE NUT, 1/4	4
20	J0005	SWITCH, LIMIT	1
21	015933	MOD, WOBBLE STICK	1
22	015934	HOSE, WOBBLE STICK	1
23	G8059	CLAMP, HOSE- 1/4 MIN.-5/8 MAX.	1
24	F0320	SCREW, MACHINE #10 X 2-1/4	2
25	F0003	NUT, NYLON INSERT	2
26	01-021	SCREW, MACHINE #10 X 3/4	2
27	01-018	WASHER, LOCK #10	2
28	015923	BRACKET, MTG.- LIMIT SWITCH	1
29	G8006	CABLE CLAMP	1
30	J2547	CONNECTOR, CAB TIRE	1
*	30-037	WIRE TIE, T50R 3/16 X 7-3/4	6

\* Not Illustrated



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AUTOSTEER	
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Tractor Section .....	14-6
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MANUAL STEER.....	14-16

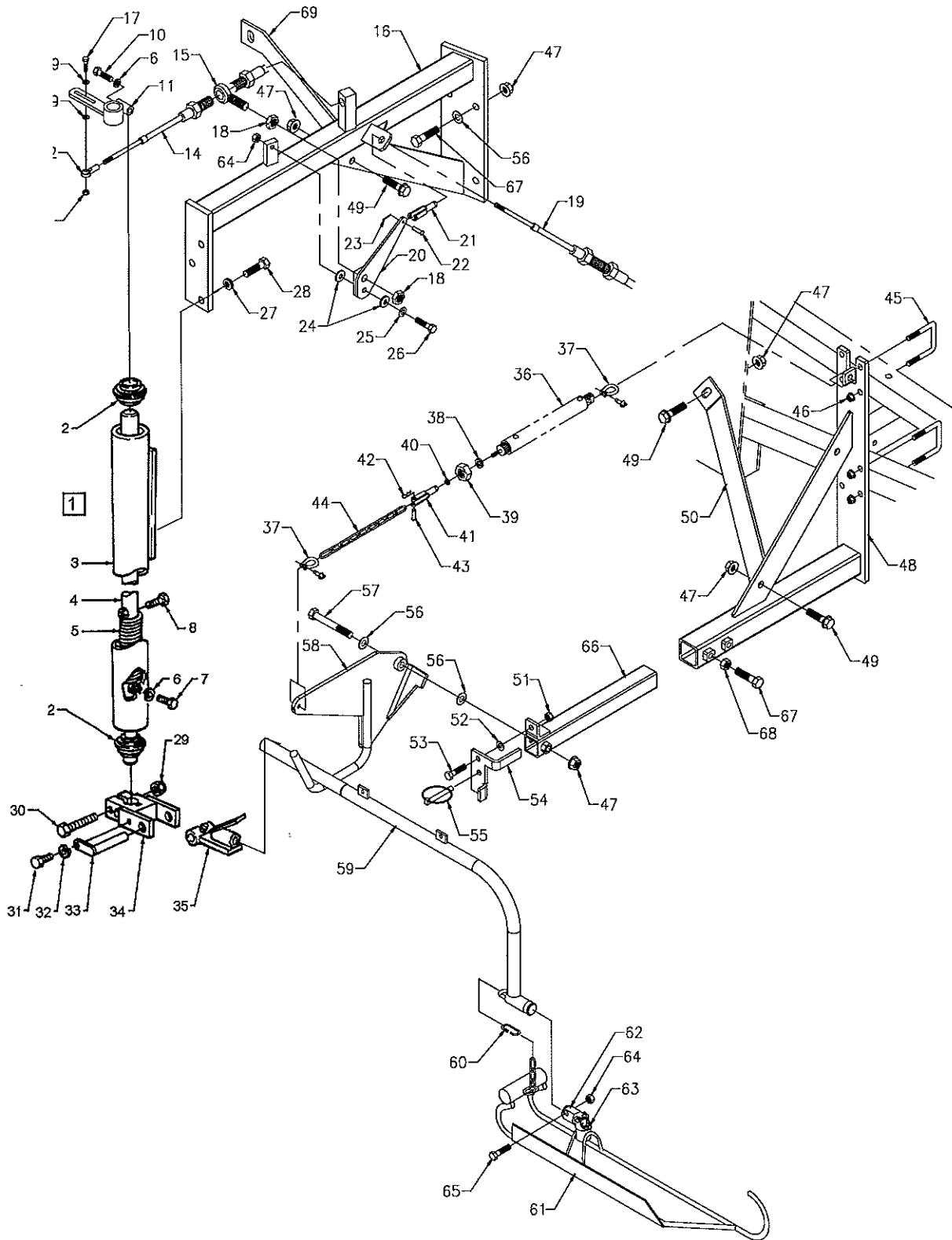
A kit is available for each steering option, containing all the items required for installation. Kit numbers are as follows:

Autosteer for 2-wheel drive units  
Part No. A02039

Autosteer for 4-wheel drive units  
Part No. A02040

Manual Steer for 2-wheel or 4-wheel drive units  
Part No. A02083

Cutting Head  
Figure 46

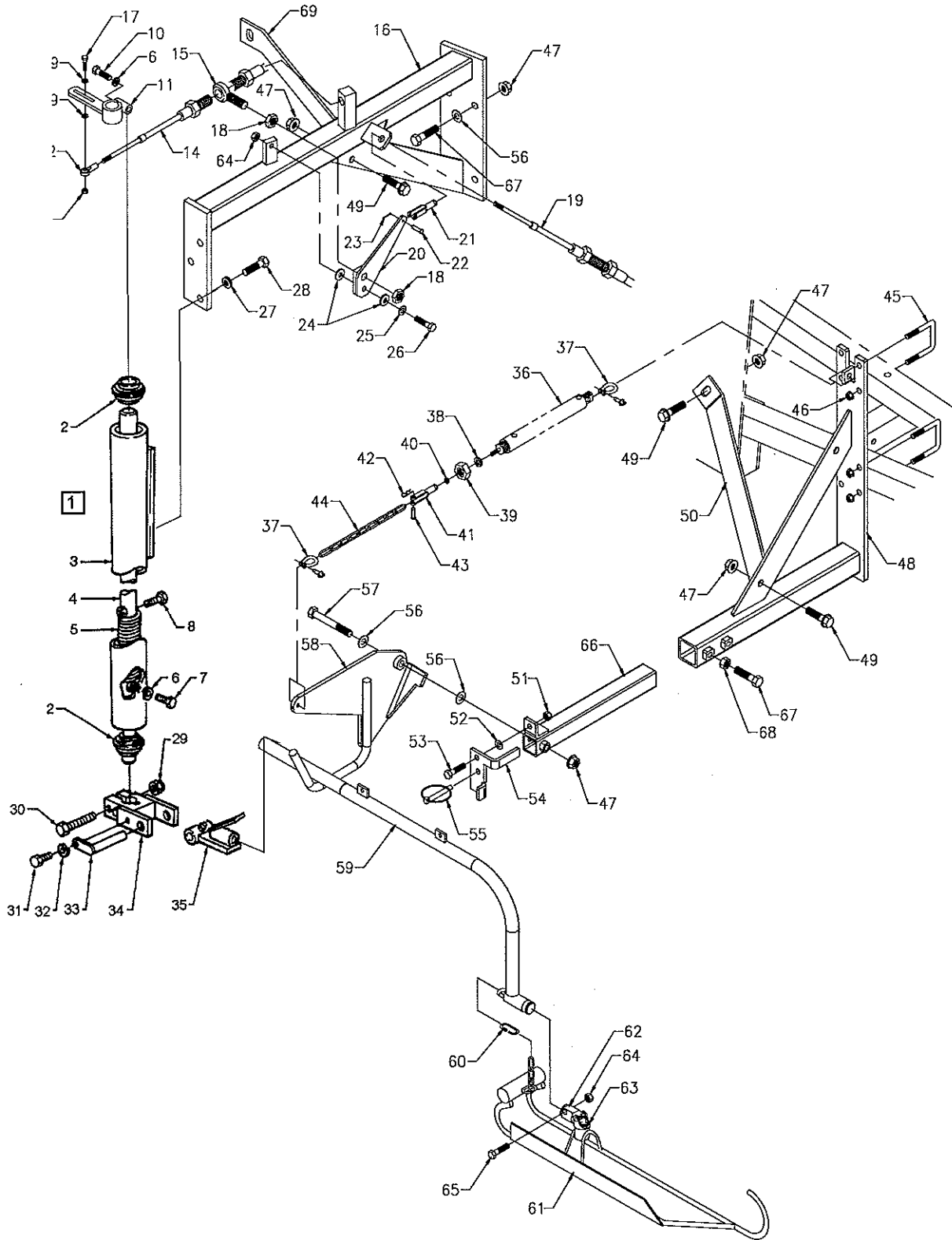


### Parts List for Figure 46

Ref.	Part No.	Description	Quantity
1		ASSEMBLY, SHOE COLUMN	1
2	B2022	BEARING, BALL 1" (SETSCREW)	2
3	015096	SHOE COLUMN BODY	1
4	015095	SHAFT, SHOE COLUMN	1
5	015099	SPRING, SHOE COLUMN	1
6	F3076	WASHER, DISC LOCK 3/8	1
7	90-0606	BOLT, 3/8 X 3/4	1
8	99-K73	BOLT, FLANGE 3/8 X 1-1/2	1
9	94-04	FLAT WASHER, 1/4	2
10	90-0612	BOLT, 3/8 X 1-1/2	1
11	016469	AUTOSTEER EXTENSION ARM WELDMENT	1
12	43-004A	ROD END, 1/4"	1
13	99-E39	LOCKNUT, NYLON 1/4	1
14	M5270	CABLE, PUSH/PULL	1
15	M0302	BALL END, RH	1
16	6115621	EXTENSION ARM WELDMENT	1
17	90-0410	BOLT, 1/4 X 1-1/4	1
18	99-E11	JAM NUT, 5/8 NF	2
19	47-142	AUTOSTEER ADJUSTMENT CABLE	1
20	016530	CABLE ARM	1
21	43-Y0303F	YOKE, CLEVIS 10-32 THRD 3/16	1
22	03-0305	CLEVIS PIN, 3/16 X 5/8	1
23	02-CP0204	COTTER PIN, 1/16 X 1/2	1
24	301691	FRICTION WASHER	2
25	94-06	FLAT WASHER, 3/8	1
26	90-0616	BOLT, 3/8 X 2	1
27	F5076	WASHER, DISC LOCK	3
28	90-0808	BOLT, 1/2 X 1	3
29	99-E41	LOCKNUT, NYLON 1/2	1
30	90-0824	BOLT, 1/2 X 3	1
31	90-0404	BOLT, 1/4 X 1/2	1
32	96-04	LOCK WASHER, 1/4	1
33	015059	SHOE ARM SUPPORT PIVOT	1
34	015102	PIVOT, SHOE ARM	1
35	015061	SHOE ARM SUPPORT	1
*	29-045	GREASE FITTING, 1/4-28 45 DEG	1
*	F3603	SET SCREW, 3/8 X 3/4 SQHD	2
*	016657	BUMPER, RUBBER	1
36	REF	CYLINDER, AUTO STEER	
37	G8048	SHACKLE, ANCHOR 3/16	2
38	E8024	SEAL, ROD WIPER 1/4" ID x 1/2" OD	1
39	016310	NUT, RETAINER FOR H0716 ROD	1
40	F1006	NUT, JAM 1/4-28 UNF	1
41	43-Y0404F	YOKE END, 1/4-28 FEMALE THREAD	1
42	G2510	PIN, HITCH CLIP	1
43	03-0406	CLEVIS PIN, 1/4 X 3/4	1
44	6109811	CHAIN, AUTOSTEER	1
45	99-K36	U-BOLT, 3/8-16 X 2" SQ CORNER	4
46	99-E13	FLANGE NUT, 3/8-16	8
47	99-E37	FLANGE NUT, 1/2-13	8
48	6109810	MOUNT, AUTO STEER LIFT	1
49	99-K85	BOLT, FLANGE 1/2-13 X 1 1/4	3
50	6109798	BRACE, AUTOSTEER LIFT	1
51	99-A06	LOCKNUT, STOVER 3/8-16	1
52	95-06	FLAT WASHER, 3/8 SAE	1
53	90-0608	BOLT, 3/8-16 X 1	1
54	6109799	STOP, AUTO STEER TRANSPORT	1
55	03-020	HITCH PIN, QUICK RELEASE 3/8"	1

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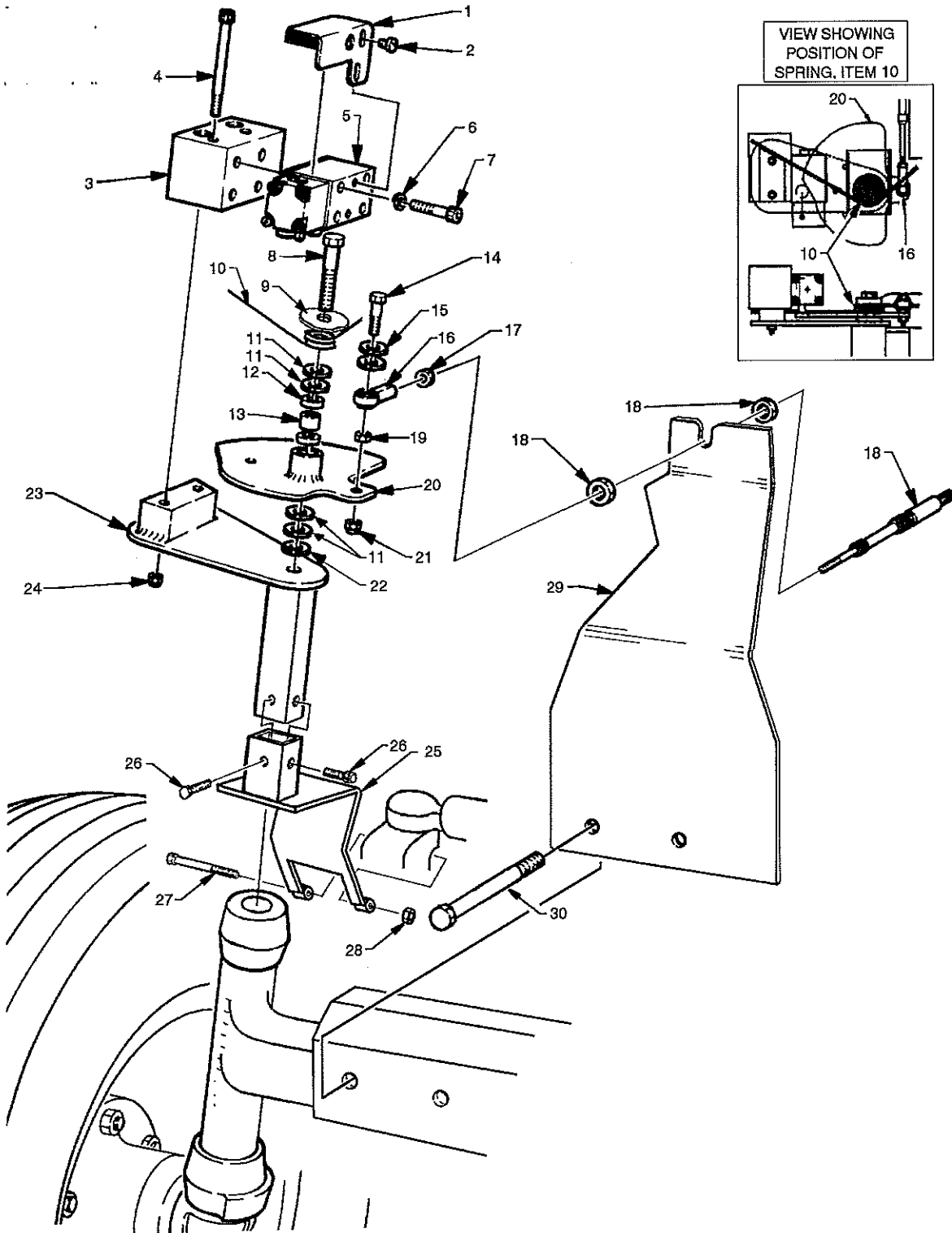
Cutting Head  
Figure 46



**Parts List for Figure 46 continued**

<b>Ref.</b>	<b>Part No.</b>	<b>Description</b>	<b>Quantity</b>
56	95-08	FLAT WASHER, 1/2 SAE	6
57	90-0832	BOLT, 1/2-13 X 4	1
58	6109803	ARM, AUTO STEER LIFT	1
59	015110	SHOE ARM WELDED ASSEMBLY	1
60	G8084	QUICK LINK, 3/16	1
61	200706	AUTOSTEER SHOE	1
62	D0004	CLAMP YOKE (1" BORE)	1
63	D0008	KIT, JOURNAL	1
64	99-E40	LOCKNUT, NYLON 3/8	2
65	90-0616	BOLT, 3/8 X 2	1
66	6109806	ADJUSTER, AUTO STEER LIFT	1
67	90-0812	BOLT, 1/2-13 X 1-1/2	6
68	92-08	NUT, 1/2-13	2
69	6115945	BRACE, JD AUTO STEER	1

Autosteer 2 Wheel Drive  
Figure 47

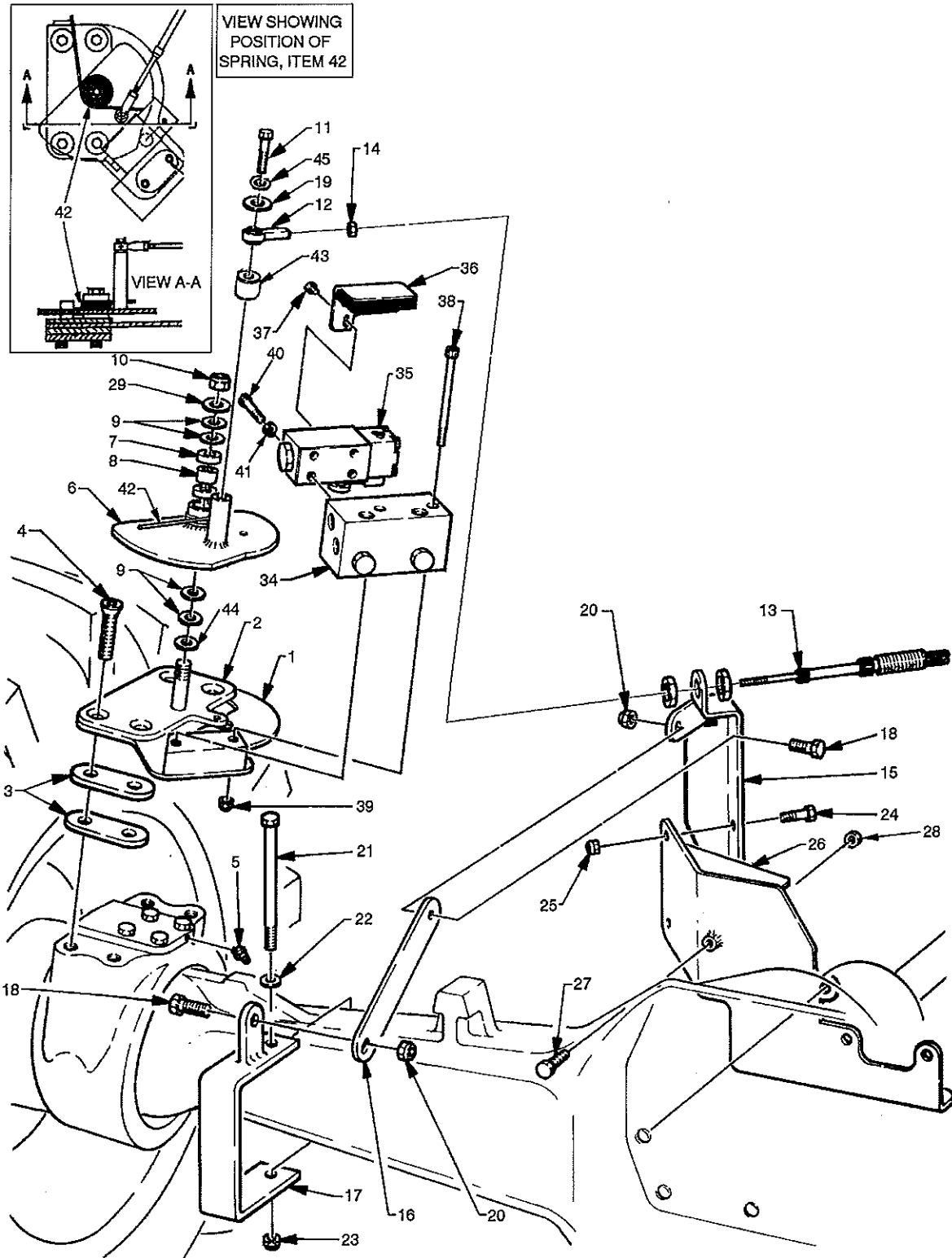




## Parts List for Figure 47

Ref.	Part No.	Description	Quantity
1	016664	COVER, VALVE	1
	016663	SEAL, FOAM	1
2	REF	SCREW, M4 X .7 ISO M X 6.5 MM	2
3	H4085	STEERING MANIFOLD	1
4	F1735	SCREW, HEX SOC. CAP	2
5	23-142	VALVE, AUTOSTEER SENSOR	1
6	01-018	LOCK WASHER, #10	4
7	99-24	BOLT, #10-24 X 1-1/4 (WITHOUT SPACER)	4
8	90-0820	BOLT, 1/2 X 2-1/2	1
9	F6053	WASHER, 5/8 ID X 2-1/2 OD X 3/16 THK	1
10	016796	SPRING, AUTOSTEER BACKLASH 2WD	1
11	99-B59	WASHER, MACH 1/2 ID 18 GA	4
12	B2010	BEARING, BALL 1/2	2
13	015256	SPACER, SENSOR PIVOT	1
14	90-0412	BOLT, 1/4 X 1-1/2	1
15	94-04	FLAT WASHER, 1/4	2
16	43-004A	ROD END, 1/4	1
17	F1006	NUT, JAM 1/4	1
18	REF	CABLE, PUSH/PULL	
19	92-04	NUT, 1/4	1
20	016483	CAM, AUTOSTEER	1
21	99-E39	LOCKNUT, NYLON 1/4	1
22	95-08	FLAT WASHER, 1/2 SAE	A/R
23	6109060	MOUNT, AUTOSTEER VALVE	1
24	99-E39	LOCKNUT, NYLON 1/4	2
25	6109061	MOUNT, AUTOSTEER VALVE	1
26	99-K31	BOLT, FLANGE 1/4-20 X 1/2	4
27	90-0632	BOLT, 3/8 X 4	1
28	99-E40	LOCKNUT, NYLON 3/8	1
29	6109120	ANCHOR BRACKET	1
30	REF	BOLT, (JOHN DEERE PART)	

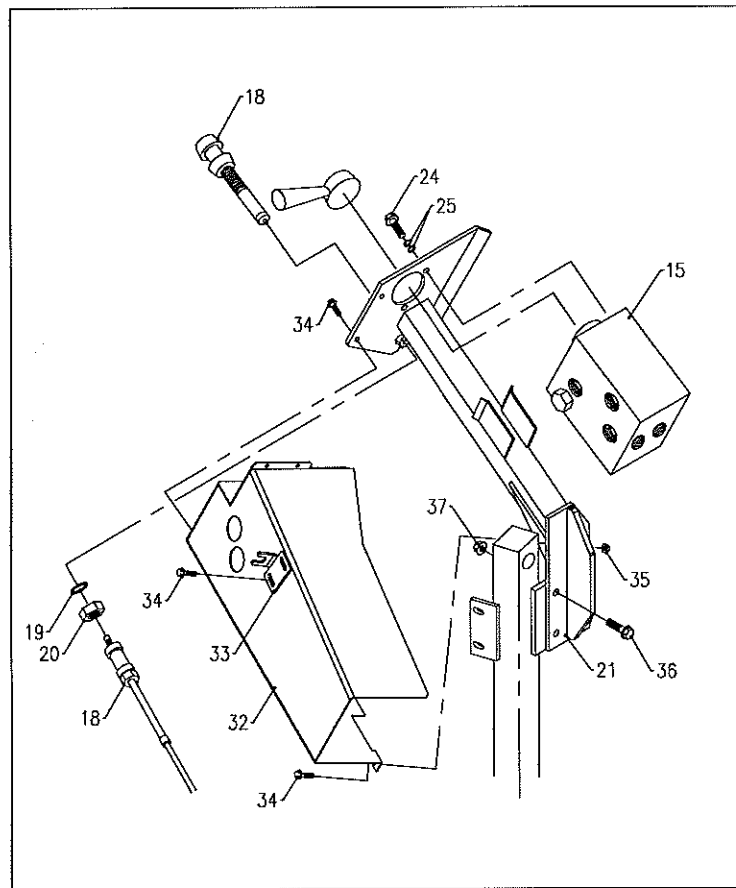
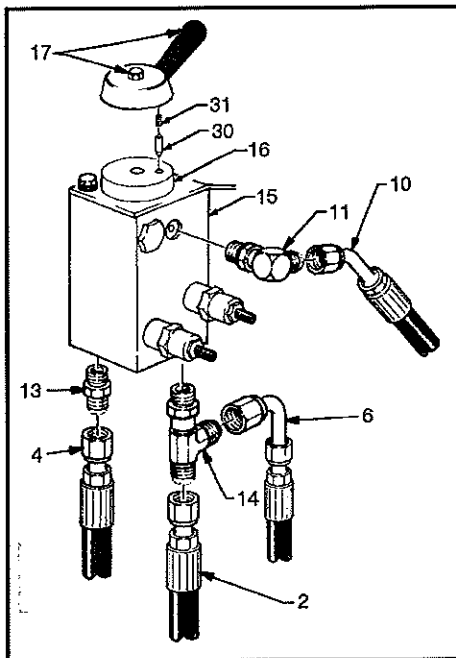
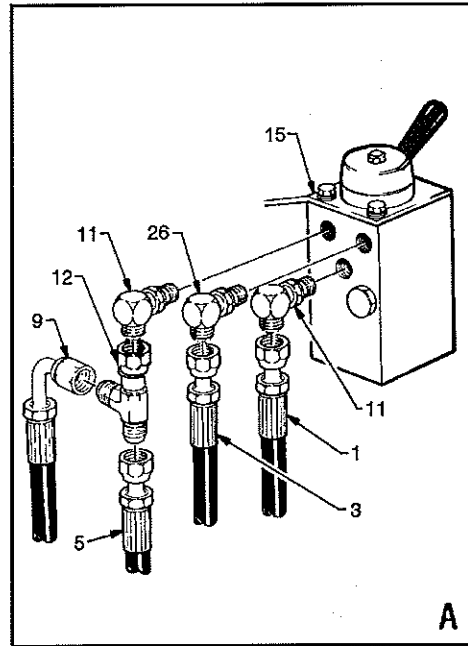
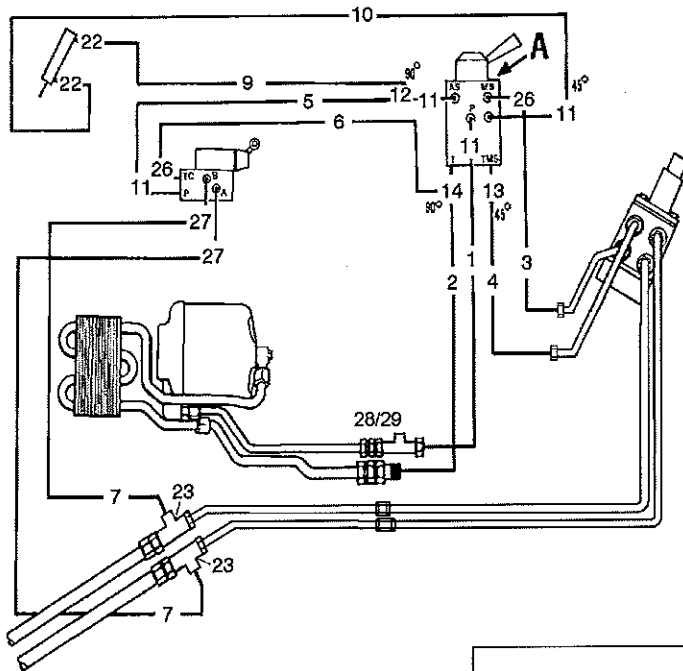
**Autosteer 4 Wheel Drive  
Figure 48**



**Parts List for Figure 48**

<b>Ref.</b>	<b>Part No.</b>	<b>Description</b>	<b>Quantity</b>
1	016860	PLATE, FLANGE-4WD	1
2	016486	PLATE, PIVOT	1
3	016412	SPACER, PIVOT PLATE	4
4	N9023	SCREW, FLAT HEAD SOCKET M16 X 2MM X 45MM	4
5	M0201	FITTING, GREASE METRIC 90 DEG.	1
6	016438	CAM, AUTOSTEER	1
7	B2010	BEARING, BALL	2
8	015256	SPACER, SENSOR PIVOT	1
9	99-B59	WASHER, MACH 1/2 ID 18 GA	4
10	F5012	LOCKNUT, NYLON 1/2	1
11	90-0412	BOLT, 1/4 X 1-1/2	1
12	43-004A	ROD END, 1/4	1
13	REF	CABLE, PUSH/PULL	
14	F1006	NUT, JAM 1/4	1
15	016309	BRACKET, CABLE MOUNT	1
16	5016903	BRACE	1
17	016517	CLAMP	1
18	99-K13	BOLT, FLANGE 3/8 X 1	2
19	94-04	FLAT WASHER, 1/4	1
20	99-E13	FLANGE NUT, 3/8	2
21	F3230	SCREW, HEX CAP 3/8 X 6	1
22	94-06	FLAT WASHER, 3/8	1
23	99-E13	FLANGE NUT, 3/8	1
24	99-K02	BOLT, FLANGE 5/16 X 1	2
25	99-E12	FLANGE NUT, 5/16	2
26	6109164	AXLE BRACKET	1
27	F3719	SCREW, HEX CAP 3/8 X 1-1/2	1
28	99-E13	FLANGE NUT, 3/8	1
29	F6053	FLAT WASHER, 5/8	1
30	016442	SHIM, .035 THICK	A/R
31	016441	SHIM, .059 THICK	A/R
32	016440	SHIM, .134 THICK	A/R
33	016439	SHIM, .250 THICK	A/R
34	H4085	STEERING MANIFOLD	1
35	23-142	VALVE, AUTOSTEER SENSOR	1
36	016664	COVER, VALVE	1
	016663	SEAL, FOAM	1
37	REF	SCREW, M4 X .7 ISO M X 6.5MM	2
38	F1735	SCREW, HEX SOC. CAP 1/4 X 4	2
39	99-E39	LOCKNUT, NYLON 1/4	2
40	F0350	BOLT, #10 X 2 (WITH SPACER)	4
	99-24	BOLT, #10 X 1-1/4 (WITHOUT SPACER)	4
41	01-018	WASHER, LOCK #10	4
42	016796	SPRING, AUTOSTEER BACKLASH	1
43	6115428	SPACER, 4WD AUTOSTEER	1
44	95-08	FLAT WASHER, 1/2 SAE	A/R
45	96-04	LOCK WASHER, 1/4	1

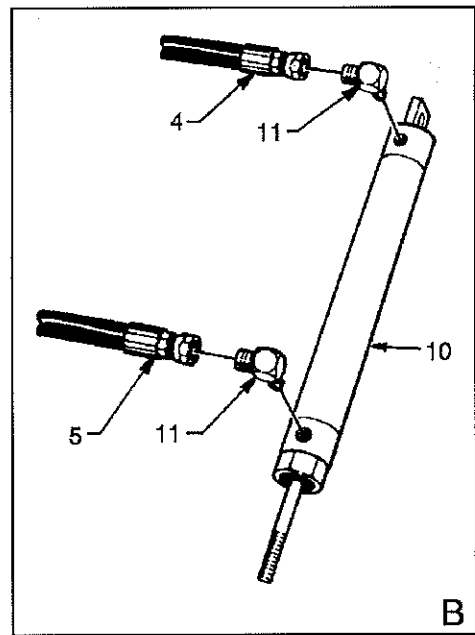
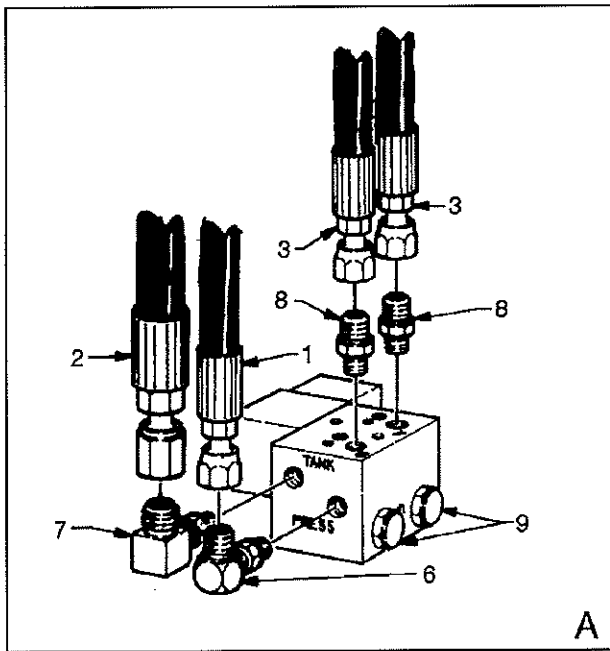
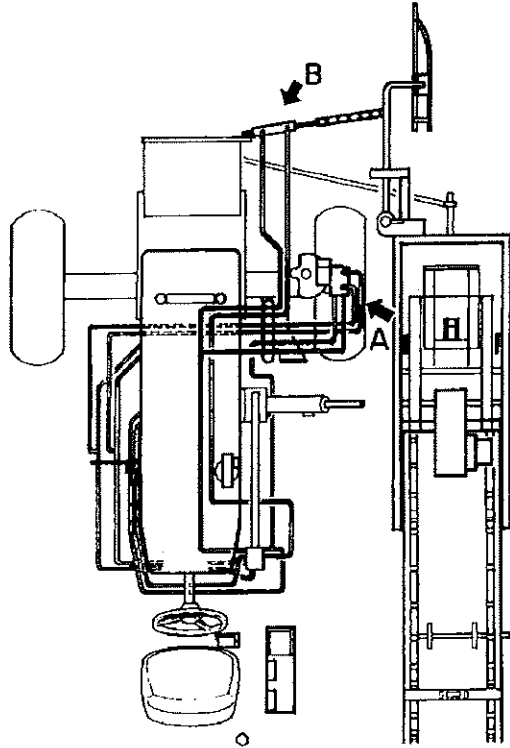
Selector Valve & Fine Adjuster  
Figure 49



### Parts List for Figure 49

Ref.	Part No.	Description	Quantity
1	20-168	HOSE, 1/2x51-6ORFS(F)X-8 90ORFS	1
2	20-212	HOSE, 1/2x82-8ORFS(F)X-8ORFS(M)	1
3	016954	HOSE ASSY, 1/2" HYDRAULIC	1
4	20-223	HOSE, 1/2x62-8ORFS(F)X-8 90ORFS	1
5	016054	HOSE, SELECTOR VALVE TO SENSOR VALVE	1
6	016055	HOSE, SENSOR VALVE TO SELECTOR VALVE	1
7	20-166	HOSE, 3/8 x 99 -6ORFS(F) X -8ORFS F	2
9	016058	HOSE, RESET CYLINDER EXTEND	1
10	016059	HOSE, RESET CYLINDER RETRACT	1
11	H7002	FITTING, 90 M#6 ORB X M#6 ORF	4
12	H7004	FITTING, SW RUN TEE M#6 ORFS	1
13	H7001	FITTING, CONN M#8 ORB X M#8 ORF	1
14	H7005	FITTING, TEE -8 M ORB/-8 M ORFS	1
15	H4070	VALVE, STEERING SELECTOR	1
16	H4081	CARTRIDGE, SELECTOR VALVE	1
	E3042	KIT, SEALS	1
17	H4082	KIT, LEVER ASSY FOR H4070	1
	H4083	LEVER FOR H4070	1
	H4084	NUT, ROTARY VALVE	1
18	47-142	AUTOSTEER ADJUSTMENT CABLE	1
19	F6078	WASHER, LOCK 5/8 INTERNAL TOOTH	1
20	99-E11	JAM NUT, 5/8 NF	1
21	6109110	MOUNT, SELECTOR VALVE	1
22	H6189	FITTING, 90 DEG 1/8" NPT-3/8"	2
23	25-FF6602-8-8	FITTING, TEE #8MORFS x 2 X #8FSWVORF	2
24	90-0606	BOLT, 3/8-16 X 3/4	2
25	F3076	WASHER, DISC LOCK 3/8	2
26	H7003	FITTING, 90 M#6 ORB X M#8 ORF	1
27	H7000	FITTING, CONN M#6 ORB X M#6 ORF	2
28	6109128	TEE, MODIFIED	1
29	H8026	PLUG, SOCKET HEAD 1/4"	1
30	21-21119	PLUNGER, ROTARY VALVE	1
31	21-21120	SPRING, ROTARY VALVE	1
32	6115961	SHIELD, JD AUTO STEER VALVE	1
33	6115958	MOUNT, CABLE COUNTER	1
34	99-K26	BOLT, FLANGE 1/4-20 X 3/4	5
35	99-E20	FLANGE NUT, 1/4-20	1
36	99-K13	BOLT, FLANGE 3/8-16 X 1	4
37	99-E13	FLANGE NUT, 3/8-16	4

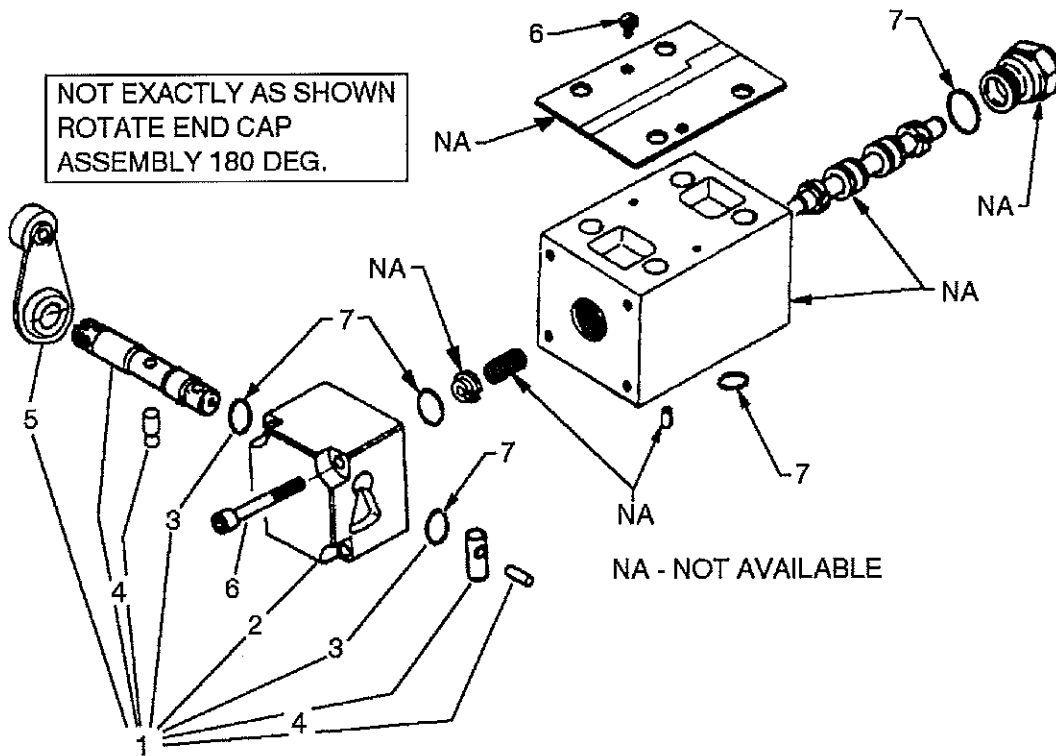
**Selector Valve & Fine Adjuster  
Figure 50**



**Parts List for Figure 50**

<b>Ref.</b>	<b>Part No.</b>	<b>Description</b>	<b>Quantity</b>
1	016054	HOSE, SELECTOR VALVE TO SENSOR VALVE	1
2	016055	HOSE, SENSOR VALVE TO SELECTOR VALVE	1
3	20-166	HOSE, 3/8x99 -6ORFS(F)X-8ORFS F	2
4	016058	HOSE, RESET CYLINDER EXTEND	1
5	016059	HOSE, RESET CYLINDER RETRACT	1
6	H7002	FITTING, 90 M#6 ORB X M#6 ORF	1
7	H7003	FITTING, 90 M#6 ORB X M#8 ORF	1
8	H7000	FITTING, CONN M#6 ORB X M#6 ORF	2
9	H4088	CARTRIDGE, CHECK VALVE	2
10	23-199	CYLINDER, AUTO STEER	1
	E3043	KIT, PISTON SEALS	1
	E3044	SEAL, END	1
11	H6189	FITTING, ADAPTER	2

Sensor Valve Service Parts  
Figure 51

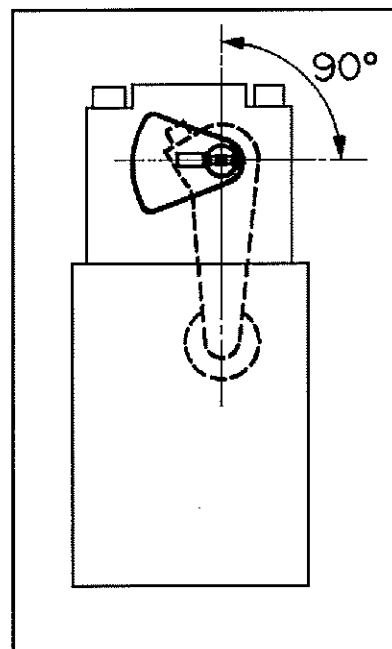


### SENSOR VALVE

Before installing the sensor valve the roller lever must be set 90 degrees to the slot in the shaft. This will be in the center of the full travel of the roller arm in the installed position.

In the installed position, the stop pin should be in the center of its adjustment when the cam is in the neutral position. (1/4" pin in place) If this is not the case, check the roller lever position, as per above.

A cover and foam gasket are used to prevent water or dirt from accumulating in the stop pin cavity. Use loctite on the screws, and check periodically to keep cavity clear.

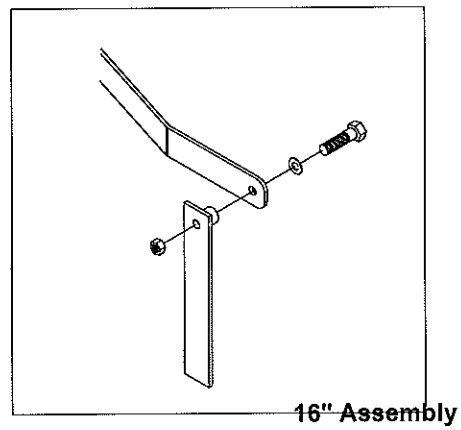
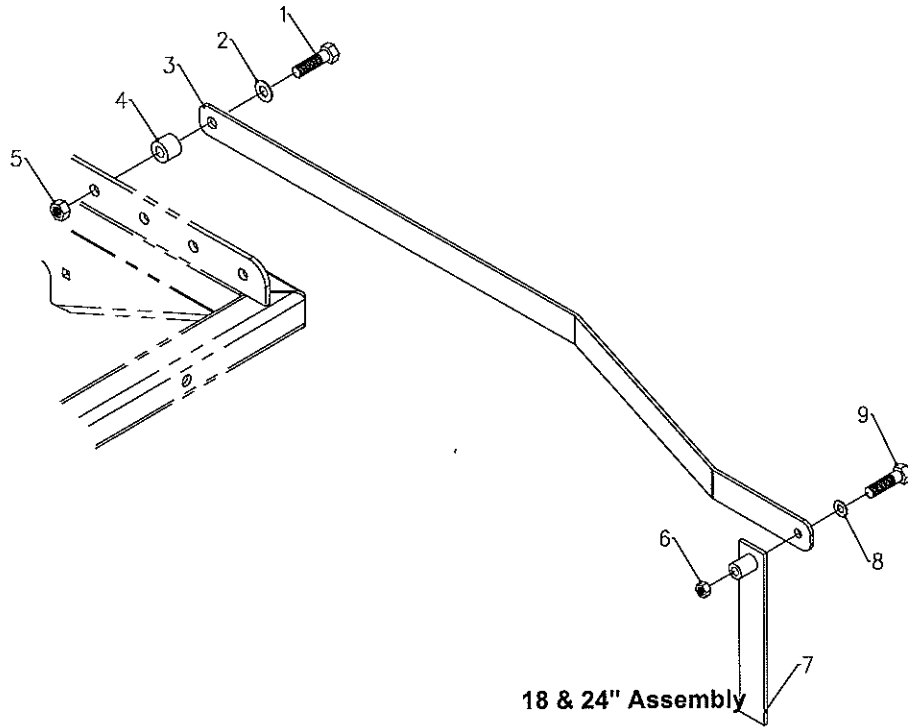




**Parts List for Figure 51**

<b>Ref.</b>	<b>Part No.</b>	<b>Description</b>	<b>Quantity</b>
1	H4095	KIT, END CAP FOR 23-142	1
2	REF	END CAP	1
3	REF	O RING (ALSO INCLUDED IN REF. 7)	2
4	REF	PIVOT SHAFT ASSEMBLY	1
5	A02027	AUTOSTEER TRIP ARM ASSEMBLY	1
	002633	AUTOSTEER TRIP ARM W/A	1
	55-106	BEARING, BALL 1/4 ID X 3/4 OD	2
	96-04	LOCKWASHER, 1/4	1
	99-K96	BOLT, 1/4 X 7/8 BUTTON HEAD	1
6		HARDWARE KIT	1
7	E3034	KIT, SEAL	1
*	H4045	LEVER, VALVE	1

Manual Steer Driver's Guide  
Figure 52



Parts List for Figure 52

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
1	90-0816	BOLT, 1/2-13 X 2	1
2	95-08	FLAT WASHER, 1/2 SAE	1
3	6115717	BAR, DRIVERS GUIDE HORIZONTAL	1
4	6115718	SPACER, DRIVERS GUIDE	1
5	99-A08	LOCKNUT, STOVER 1/2-13	1
6	99-A06	LOCKNUT, STOVER 3/8-16	1
7	001709	BAR, VERTICAL - DRIVERS GUIDE	1
8	94-06	FLAT WASHER, 3/8 USS	1
9	90-0616	BOLT, 3/8-16 X 2	1



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**ROTARY BRUSH INSTALLATION KITS:**

For a kit containing a complete Rotary Brush and all necessary hardware, order Part No. A02096 (Rotary Brush common parts) plus one of the following:

**RUBBER BRUSH**

Part No. A02099 (16" & 18")

Part No. A02100 (24")

**BRISTLE BRUSH**

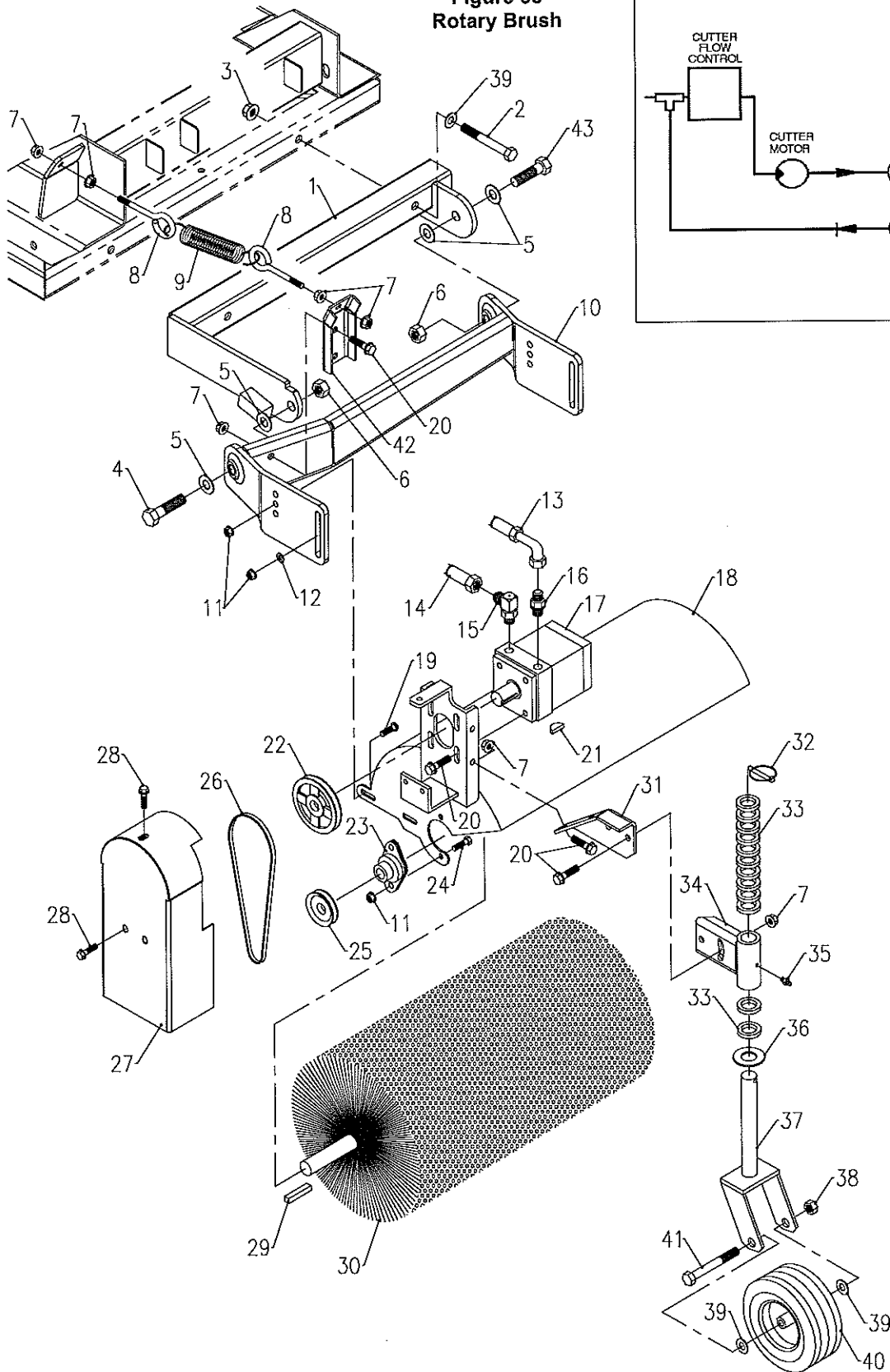
Part No. A02097 (16" & 18")

Part No. A02098 (24")

# ROTARY BRUSH

# section 15

Figure 53  
Rotary Brush



# ROTARY BRUSH

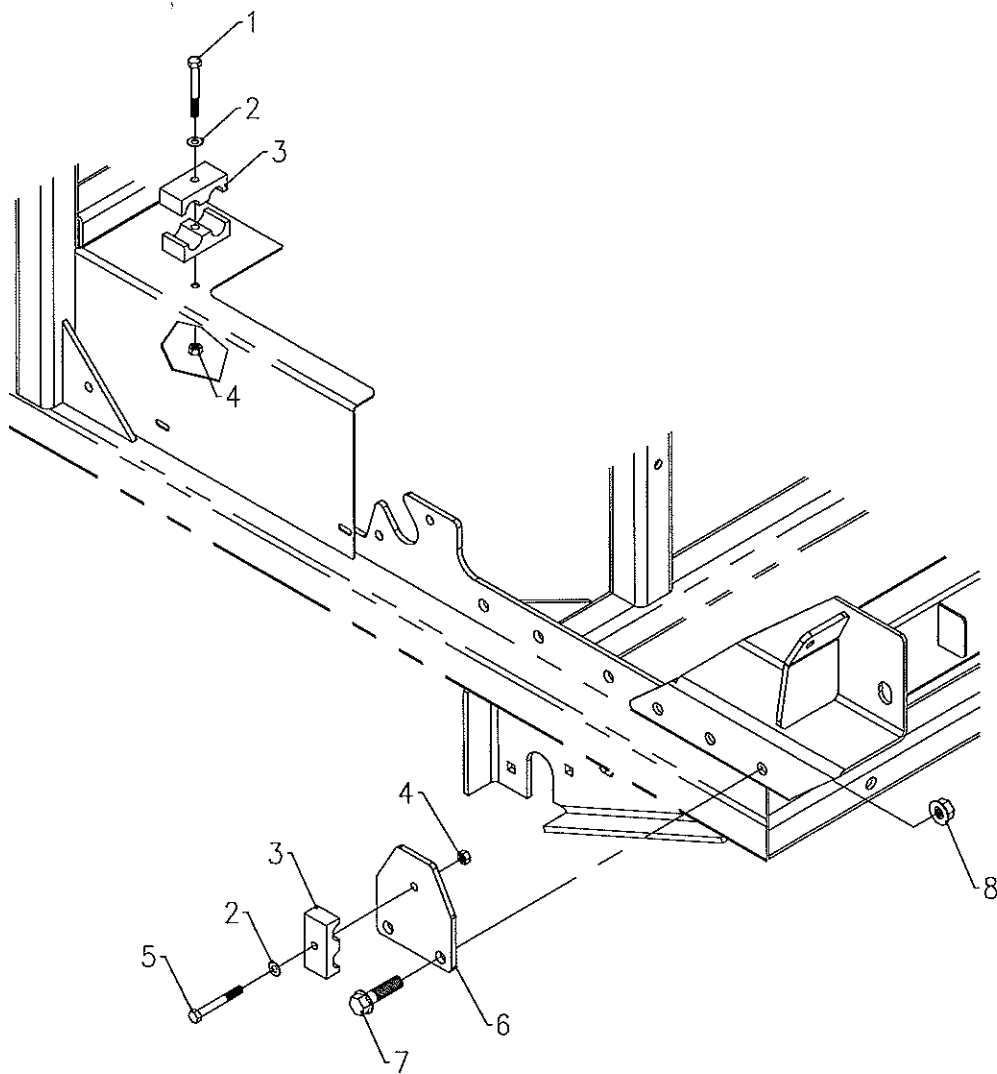
# section 15

## Parts List for Figure 53

Ref.	Part No.	Description	Quantity
1	6115929	FRAME, FLOATING BRUSH (16/18")	1
	6115930	FRAME, FLOATING BRUSH (24")	1
2	90-0840	BOLT, 1/2-13 X 5	2
3	99-E37	FLANGE NUT, 1/2-13	2
4	90-1020	BOLT, 5/8-11 X 2-1/2	1
5	95-10	FLAT WASHER, 5/8 SAE	A/R
6	99-E42	LOCKNUT, NYLON 5/8-11	2
7	99-E13	FLANGE NUT, 3/8-16	10
8	99-K18	EYE-BOLT, 3/8 X 3-7/8	2
9	41-012	SPRING, EXT. 2.0 X 9.0 OA	1
10	6115931	MOUNT, FLOATING BRUSH (16/18")	1
	6115932	MOUNT, FLOATING BRUSH (24")	1
11	99-E12	FLANGE NUT, 5/16-18	8
12	95-05	FLAT WASHER, 5/16 SAE	2
13	002326	HOSE, 5/8 X 112"-10 F.JIC SWIV	1
14	002327	HOSE, 5/8 X 108"-10 F.JIC SWIV	1
15	25-2503-10-10	FITTING, 90 -10 M ORB/-10 M JIC	1
16	25-0503-10-10	FITTING, STR -10 M ORB/-10 MJIC	1
17	H0026	MOTOR, HYD. 7/8"-14 O-RING PORT	1
	21-094	SEAL KIT FOR H0026	1
18	009249	COVER, ROTARY BRUSH (16/18")	1
	016321	COVER, ROTARY BRUSH (24")	1
19	97-0510	CARRIAGE BOLT, 5/16-18 X 1-1/4	4
20	99-K11	BOLT, FLANGE 3/8-16 X 3/4	10
21	G8019	KEY, WOODRUFF 1/4 X 1"	1
22	83-BK5016	PULLEY, BK50 X 1"	1
23	B8007	BEARING, CARTRIDGE 1"BORE	2
	B8008	FLANGE, PRESSED STEEL F/BRG	4
24	90-0508	BOLT, 5/16 X 1	4
25	D2207	SHEAVE, FIXED:"BK34 X 1"	1
26	D2006	BELT, V:-B28	1
27	6115928	SHIELD, FLOATING BRUSH	1
28	99-K19	BOLT, FLANGE 5/16-18 X 3/4	3
29	124422	KEY, 1/4 X 1/4 X 1-3/8	1
30	006680	BRUSH, ROTARY - BRISTLE (16/18")	1
	006681	BRUSH, ROTARY - BRISTLE (24")	1
	015230	FRAME, ROTARY BRUSH - RUBBER (16/18")	1
	M5106	SWEEPER FINGERS 11-1/2" -16/18" - RUBBER	24
	015510	FRAME, ROTARY BRUSH - RUBBER (24")	1
	M5106	SWEEPER FINGERS 11-1/2" -24" - RUBBER	31
31	6115908	MOUNT, CASTER	1
32	03-017	CLIP, 5/16" KLIK-PIN	1
33	6112057	SPACER, 1" ID X 1-1/2 OD X 1/4	12
34	6115927	BRACKET, CASTER PIVOT	1
35	29-010	GREASE FITTING, 1/4-28 SHORT	1
36	95-16	FLAT WASHER, 1" SAE	1
37	62-810	YOKE, RS350 CASTER WHEEL	1
38	99-A08	LOCKNUT, STOVER 1/2-13	1
39	95-08	FLAT WASHER, 1/2 SAE	4
40	53-111	WHEEL, 8 X 2.5 GAUGE WHITE	1
41	90-0832	BOLT, 1/2-13 X 4	1
42	6115909	SPRING ASSIST	1
43	90-1022	BOLT, 5/8-11 X 2-3/4	1
*	401257	DECAL, "BROUWER" 2-1/2 X 12-3/4	1
*	00-327	DECAL, TEXTRON LOGO	1
*	00-369	DECAL, WARNING THROWN OBJECTS	1

\* Not Illustrated

Figure 53A  
Hose Clamps





# ROTARY BRUSH

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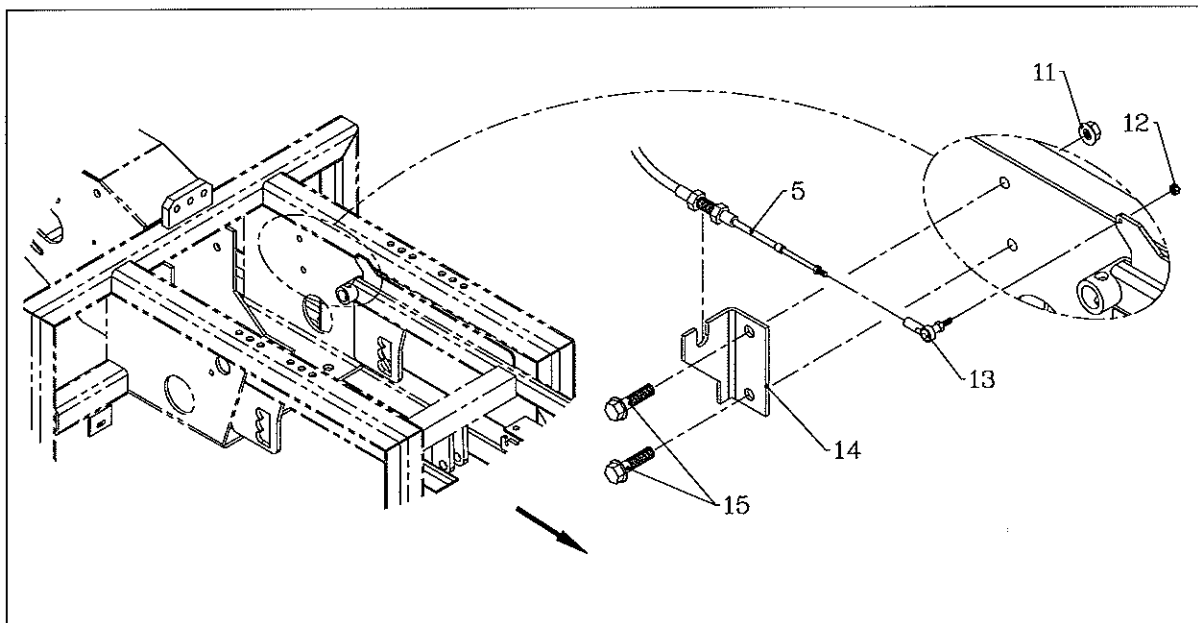
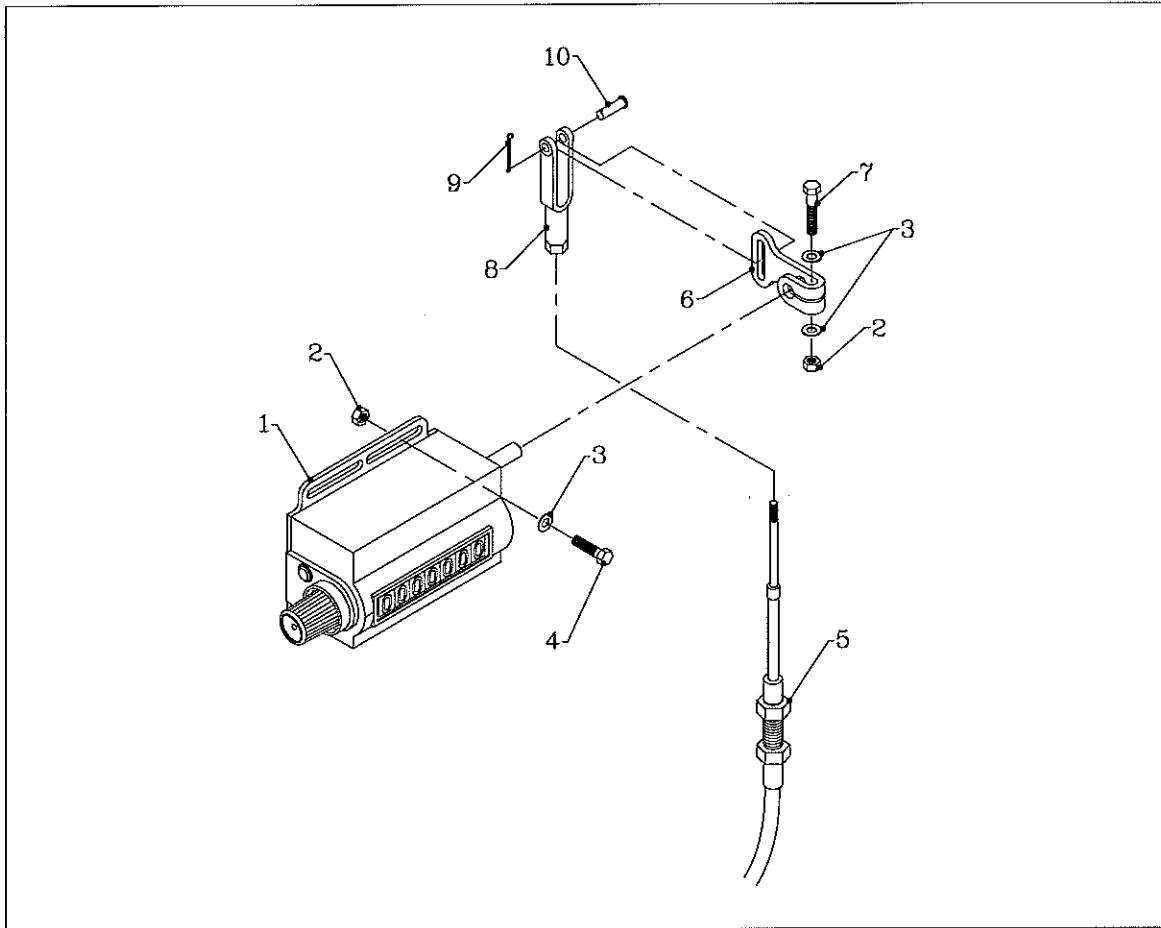
## Parts List for Figure 53A

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
1	90-0518	BOLT,5/16-18 X 2-1/4	1
2	95-05	FLAT WASHER, 5/16 SAE	2
3	G8082	CLAMP, PIPE DOUBLE 7/8 TUBE	1.5
4	99-E38	LOCKNUT, NYLON 5/16-18	2
5	90-0516	BOLT,5/16-18 X 2	1
6	6115947	MOUNT, BRUSH HOSE CLAMP	1
7	99-K85	BOLT, FLANGE 1/2-13 X 1 1/4	2
8	99-E37	FLANGE NUT, 1/2-13 (Not supplied with kit)	2



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Counter  
Figure 54



# COUNTER

# section 16

## Parts List for Figure 54

Ref.	Part No.	Description	Quantity
1	M5151	COUNTER, VEEDER ROOT	1
2	F0003	LOCKNUT, NYLON #10-24	5
3	01-028	WASHER, FLAT #10 SAE	6
4	F0301	SCREW, MACHINE 10-24 X 3/4	4
5	M5011	CABLE, PUSH PULL	1
6	016686	ARM, COUNTER	1
7	01-016	SCREW, MACHINE 10-24 X 1	1
8	43-Y0303F	YOKE, CLEVIS 10-32 THRD 3/16"	1
9	02-CP0204	COTTER PIN, 1/16 X 1/2	1
10	03-0305	CLEVIS PIN, 3/16 X 5/8	1
11	99-E13	FLANGE NUT, 3/8-16	2
12	01-013	NUT, #10-32	1
13	43-003SA	ROD END, 10-32 STUDDER (STEEL)	1
14	6115711	BRACKET, COUNTER CABLE	1
15	99-K13	BOLT, FLANGE 3/8-16 X 1	2

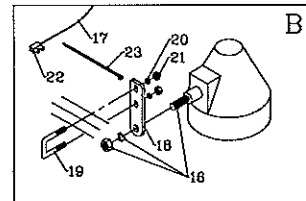
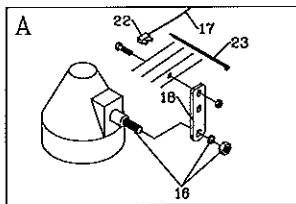
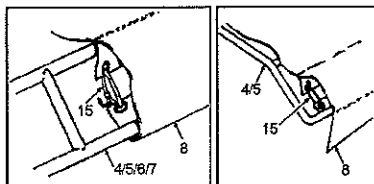
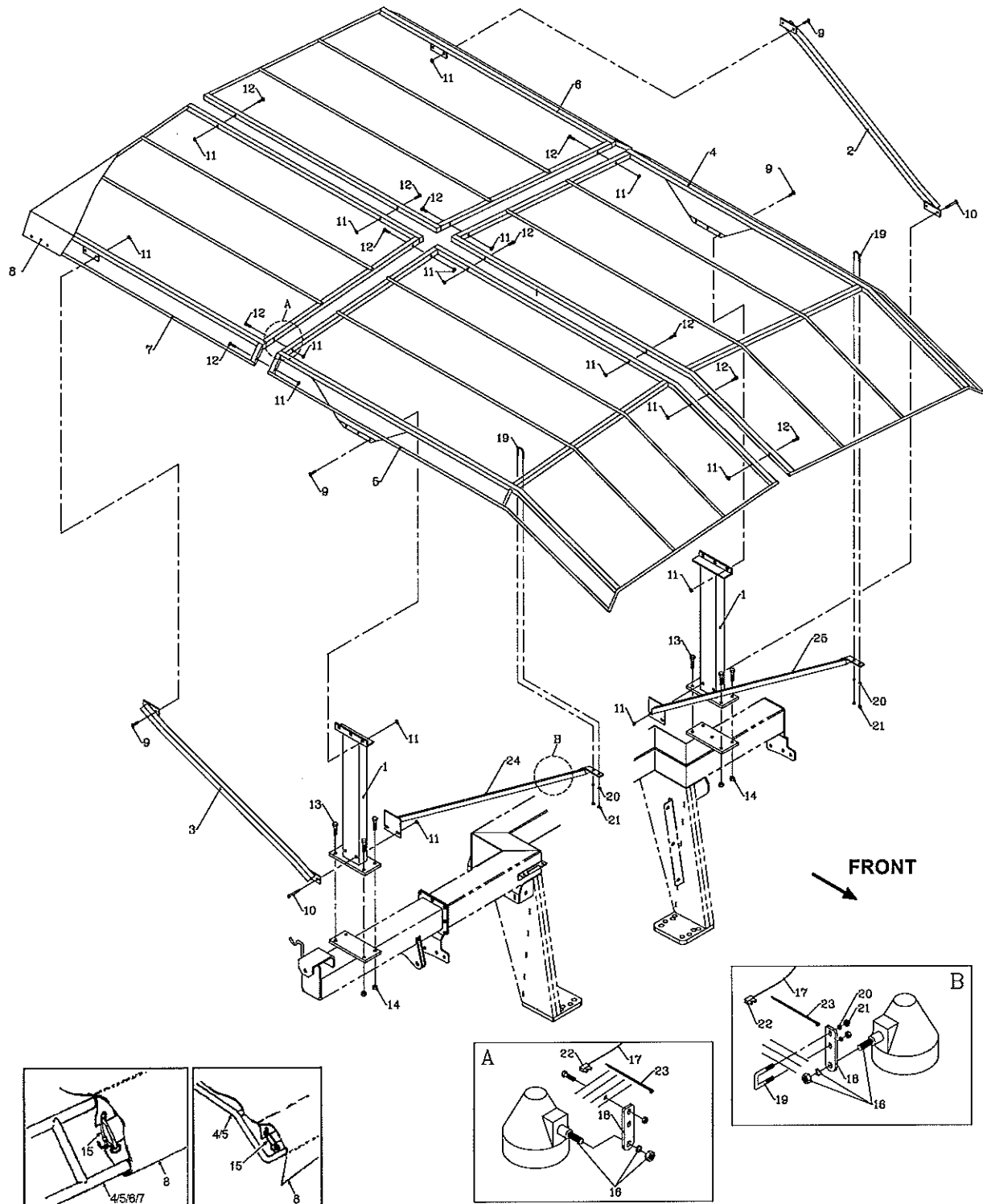


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# CANOPY & LIGHTS

# section 17

Canopy & Lights  
Figure 55





# CANOPY & LIGHTS

# section 17

## Parts List for Figure 55

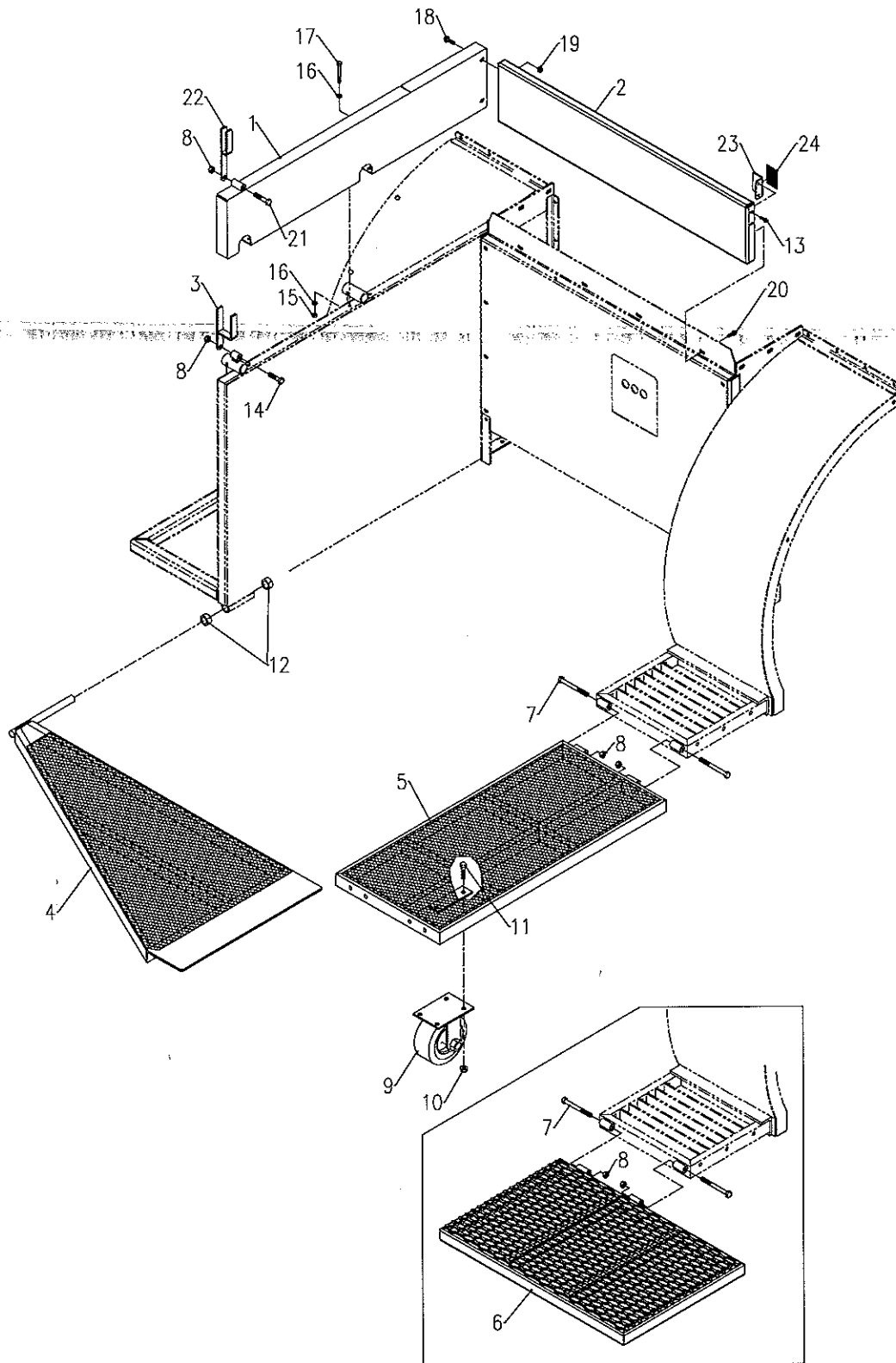
Ref.	Part No.	Description	Quantity
	A03957	CANOPY AND LIGHT ASSEMBLY	1
1	015423	ROOF SUPPORT	2
2	002284	CANOPY SUPPORT ARM LH	1
3	015261	ROOF SUPPORT ARM	1
4	015957	FRAME, FRONT CANOPY LH	1
5	015958	FRAME, FRONT CANOPY RH	1
6	002351	FRAME, REAR CANOPY LH	1
7	002352	FRAME, REAR CANOPY RH	1
8	002359	CANOPY COVER	1
9	99-K02	FLANGE BOLT, 5/16 X 1	10
10	90-0526	BOLT, 5/16 X 3-1/4	4
11	99-E12	FLANGE NUT, 5/16	26
12	90-0520	BOLT, 5/16 X 2-1/2	12
13	90-0814	BOLT, 1/2 X 1-3/4	8
14	99-E37	FLANGE NUT, 1/2	8
15	G8002	WIRE TIE, 15-1/4 LONG T120	60
16	33-046	HEADLIGHT 50W	3
17	015466	WIRE, 16 GA. RED X 35.5 FT. LONG	1
18	6115836	MOUNT, CANOPY LIGHT	3
19	F9023	U-BOLT	4
20	96-05	LOCKWASHER, 5/16	8
21	93-05	NUT, 5/16 NF	8
22	J1005	TERMINAL BLOCK, FLEXIBLE	3
23	30-037	WIRE TIE, T50R 3/16 X 7-3/4	6
24	002513	BRACE, RIGHT HAND CANOPY SUPPORT	1
25	002515	BRACE, LEFT HAND CANOPY SUPPORT	1
*	A03423	KIT, HARDWARE FOR CANOPY	1
*	99-K02	FLANGE BOLT, 5/16 X 1	10
*	90-0526	BOLT, 5/16 X 3-1/4	4
*	99-E12	FLANGE NUT, 5/16	26
*	90-0520	BOLT, 5/16 X 2-1/2	12
*	90-0814	BOLT, 1/2 X 1-3/4	8
*	99-E37	FLANGE NUT, 1/2	8
*	G8002	WIRE TIE, 15-1/4 LONG T120	60
*	A03392	KIT, CANOPY LIGHTS	1
*	33-046	HEADLIGHT 50W	3
*	015466	WIRE, 16 GA. RED X 35.5 FT. LONG	1
*	6115836	MOUNT, CANOPY LIGHT	3
*	F9023	U-BOLT	2
*	96-05	LOCKWASHER, 5/16	4
*	93-05	NUT, 5/16 NF	4
*	J1005	TERMINAL BLOCK, FLEXIBLE	3
*	30-037	WIRE TIE, T50R 3/16 X 7-3/4	6

\* OPTIONAL KITS



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Sod Panel Extensions & Platforms  
Figure 56



# SOD PANEL EXTENSIONS

# section 18

## Parts List for Figure 56

Ref.	Part No.	Description	Quantity
1	6109511	PILING WALL, SIDE EXTENSION	1
2	6109508	PILING WALL, FRONT EXTENSION (48" PALLET)	1
	6109557	PILING WALL, FRONT EXTENSION (54" PALLET)	1
3	6109482	LATCH, PILING PLATFORM	1
4	001757	PLATFORM, TAIL (48" PALLET)	1
	015889	PLATFORM, TAIL (54" PALLET)	1
5	001718	SLABBING PLATFORM	1
6	6115785	WIDE ROLLING PLATFORM	1
7	90-0840	BOLT, 1/2-13 X 5	2
8	99-E41	LOCKNUT, NYLON 1/2-13	3
9	R0001	CASTER WHEEL, 8" X 2"	1
	B3002	BEARING, ROLLER	1
	R0002	CASTER WHEEL, 10"	1
	B3002	BEARING, ROLLER	1
	53-175	CASTER WHEEL, PNEUMATIC 8" (OPTIONAL)	1
10	99-E37	FLANGE NUT, 1/2-13	4
11	90-0810	BOLT, 1/2-13 X 1-1/4	4
12	85-SC16	SET COLLAR, 1"	2
13	99-K26	BOLT, FLANGE 1/4-20 X 3/4	2
14	90-0818	BOLT, 1/2-13 X 2-1/4	1
15	99-E40	LOCKNUT, NYLON 3/8-16	3
16	95-06	FLAT WASHER, 3/8 SAE	6
17	90-0624	BOLT, 3/8-16 X 3	3
18	99-K11	BOLT, FLANGE 3/8-16 X 3/4	2
19	99-E13	FLANGE NUT, 3/8-16	2
20	99-K19	BOLT, FLANGE 5/16-18 X 3/4	4
21	90-0824	BOLT, 1/2-13 X 3	1
22	014195	LATCH, EXTENSION PILING WALL	1
23	6109529	BRACE, SIDE EXTENSION - PILING WALL	1
24	56-011	RUBBER, 1/8 EDPM X 2" WIDE	3"

