

BROUWER

ILLUSTRATED PARTS LIST

MODEL:

SOD HARVESTER 1580 JOHN DEERE



WARNING: If incorrectly used this machine can cause severe injury. Those who use and maintain this machine should be trained in its proper use, warned of its dangers and should read the entire manual before attempting to set up, operate, adjust or service the machine.

August 2022

KESMAC INC.
DBA BROUWER KESMAC
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STATEMENT OF LIMITED WARRANTY

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

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

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

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

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

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

BROUWER KESMAC RESPONSIBILITIES

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

DEALER'S RESPONSIBILITIES

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

OWNERS RESPONSIBILITIES

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

CONDITIONS THAT VOID WARRANTY

This warranty shall not apply to equipment which:

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

WARRANTY EXCEPTIONS

This warranty does not apply to the following items:

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

FREIGHT CARRIER DAMAGE

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

BROUWER 1580 SOD HARVESTER

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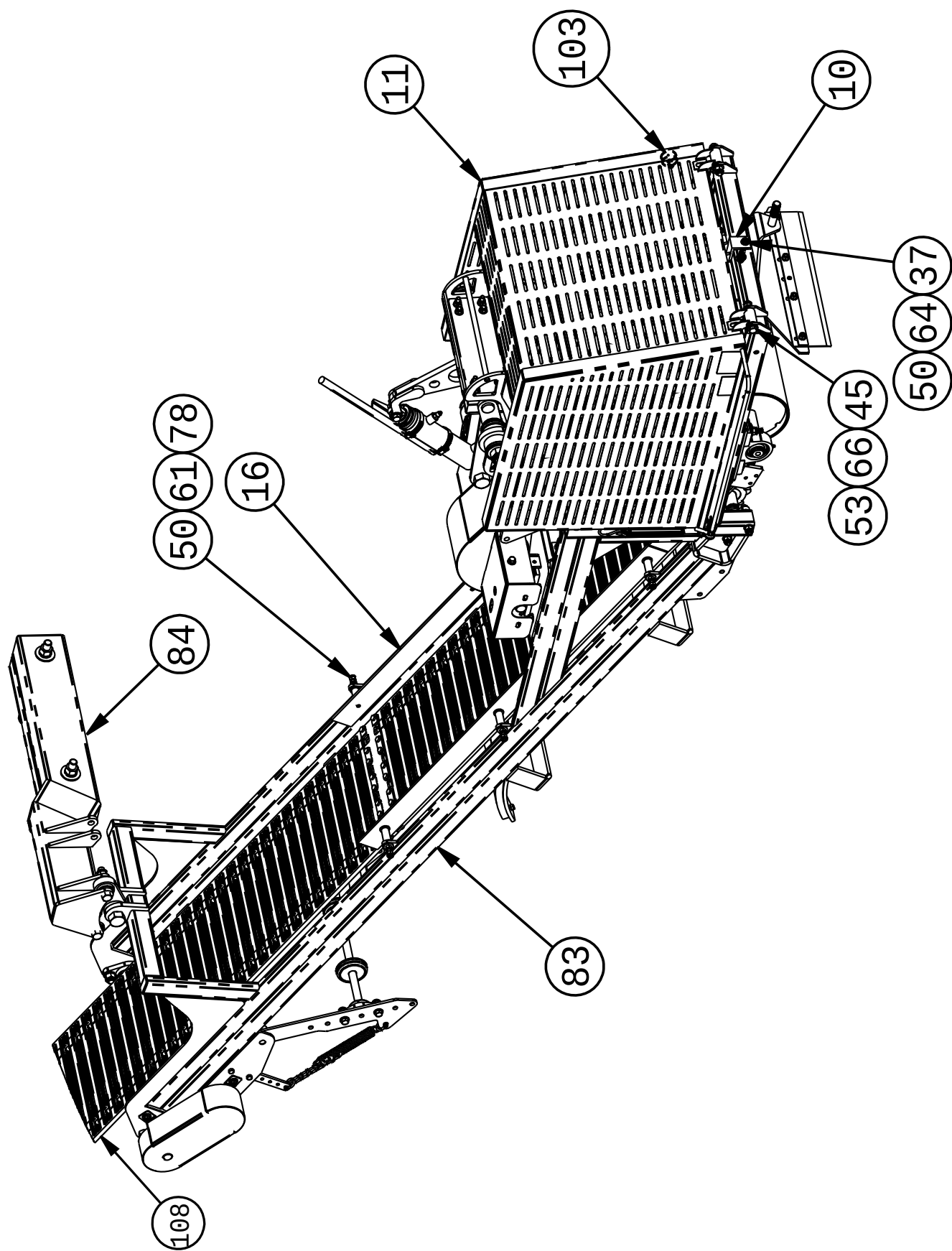
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SECTION 1 CONVEYOR & CUTTER HEAD

1580 Model

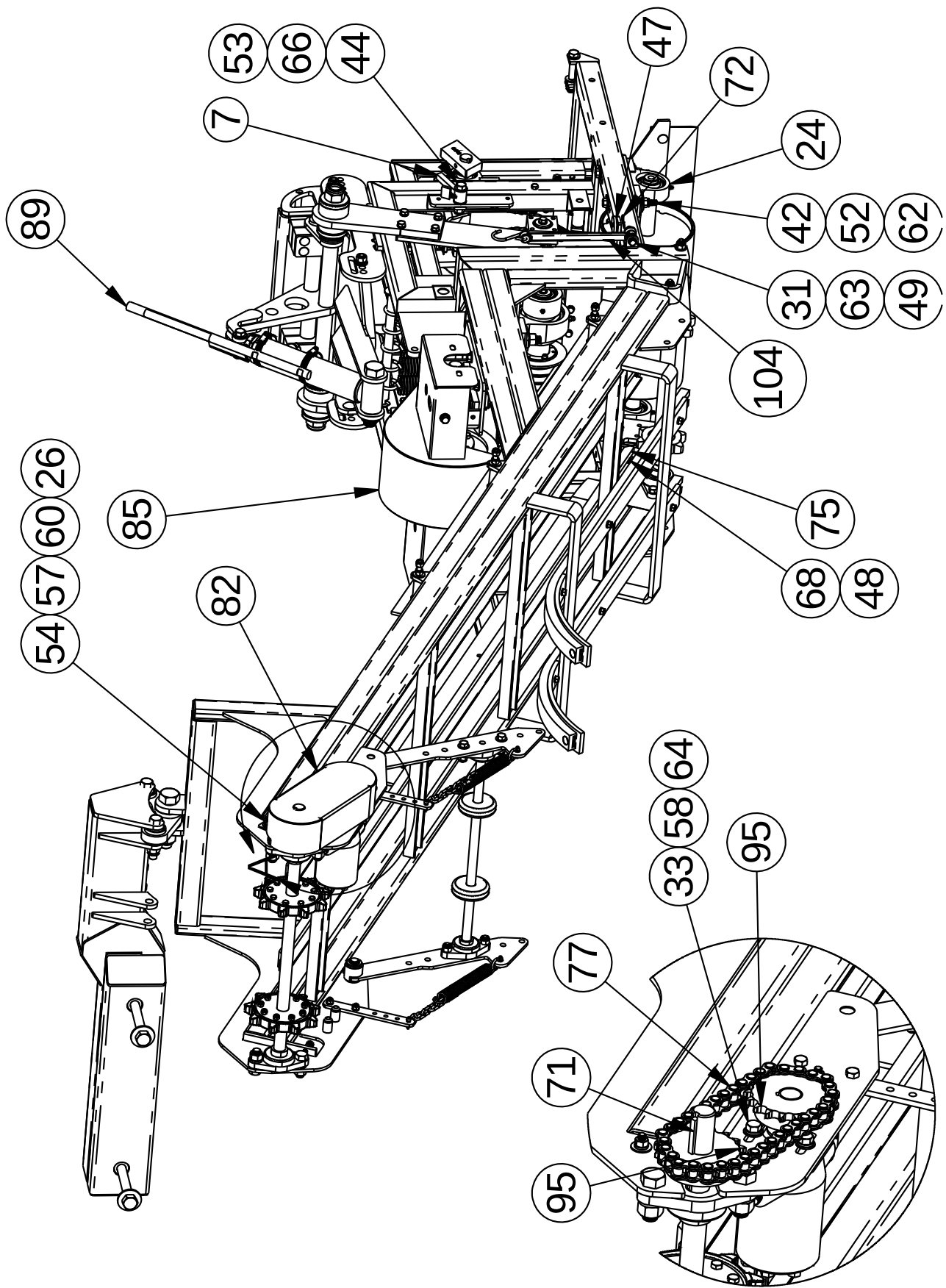
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Brouwer 1580 Sod Harvester
Slabber Cutter Conveyor Assembly 16 inch.

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	001310	1	CUT OFF SPRING SHAFT
2	001325	1	SCRAPER BLADE HOLDER 16/18"
3	001326	1	16" SCRAPER BLADE
4	001376	1	STOP RETURN CAM
5	001507	1	HARD REBOUND WHEEL
6	001558	1	PLATE, RETURN CAM STOP MOUNTING 16", 18" & 24"
7	001567	1	RETURN CAM STOP 16"/18"
8	001764	1	REBOUND WHEEL BUSHING
9	002654	2	CAMSHAFT SHIM 16/18" 1/4" THICK
10	014153	1	BRACKET
11	015452	1	HEAD GUARD
12	015545	1	IDLER ADJUSTMENT ARM (1580)
13	015973	2	CUTTING BLADE ARM
14	015997	1	8" ROLLER 16" MACHINE
15	4137404	1	CAM. SLOW LIFT 16/18 - W/A
16	4161317	2	SOD GUIDE W/A LH & RH (1570/1576/1580)
17	8-10-070120	1	FITTING - #10 ORB MALE TO #8 JIC MALE STRAIGHT
18	8-10-070220	1	FITTING 1/2 STRAIGHT THRD O-RING 90° ELBOW
19	8-8-070601	2	FITTING - #8 BULKHEAD STRAIGHT JIC
20	81-3VX560	1	BANDED 3 V-BELT 3VX-560 - CURRENT FROM SER. # 550
	81B054	3	BELT - NON CURRENT UP TO SERIAL # 549
21	83H18	1	TAPER LOCK BUSHING 1 1/8"
22	A03169	1	CONVEYOR DRIVE SHAFT ASSEMBLY 18 IN.
23	B1001	2	PILLOW BLOCK BEARING 1" W/LC
24	B1111	2	BEARING PILLOW BLOCK 1-1/4"
25	D2902	1	BELT IDLER SHEAVE O.D. 2.875
26	F020510	2	5/16-18 X 1 LG CARRAGE BOLT
27	F030620	2	BOLT-3/8 UNC X 2 FULL THRD GR 8
28	F030624	1	BOLT-3/8 UNC X 2.50 FULL THRD GR 8
29	F040506	5	BOLT - 5/16 UNC x 3/4 Gr 8
30	F040510	6	HEX BOLT - 5/16 - 18 UNC x 1.0 LG. GR. 8
31	F040522	2	BOLT - HEX HEAD 5/16 -18 UNC x 2.25 LG. GR 8
32	F040526	2	HEX BOLT - 5/16 -18 UNC x 2 3/4 Gr 8

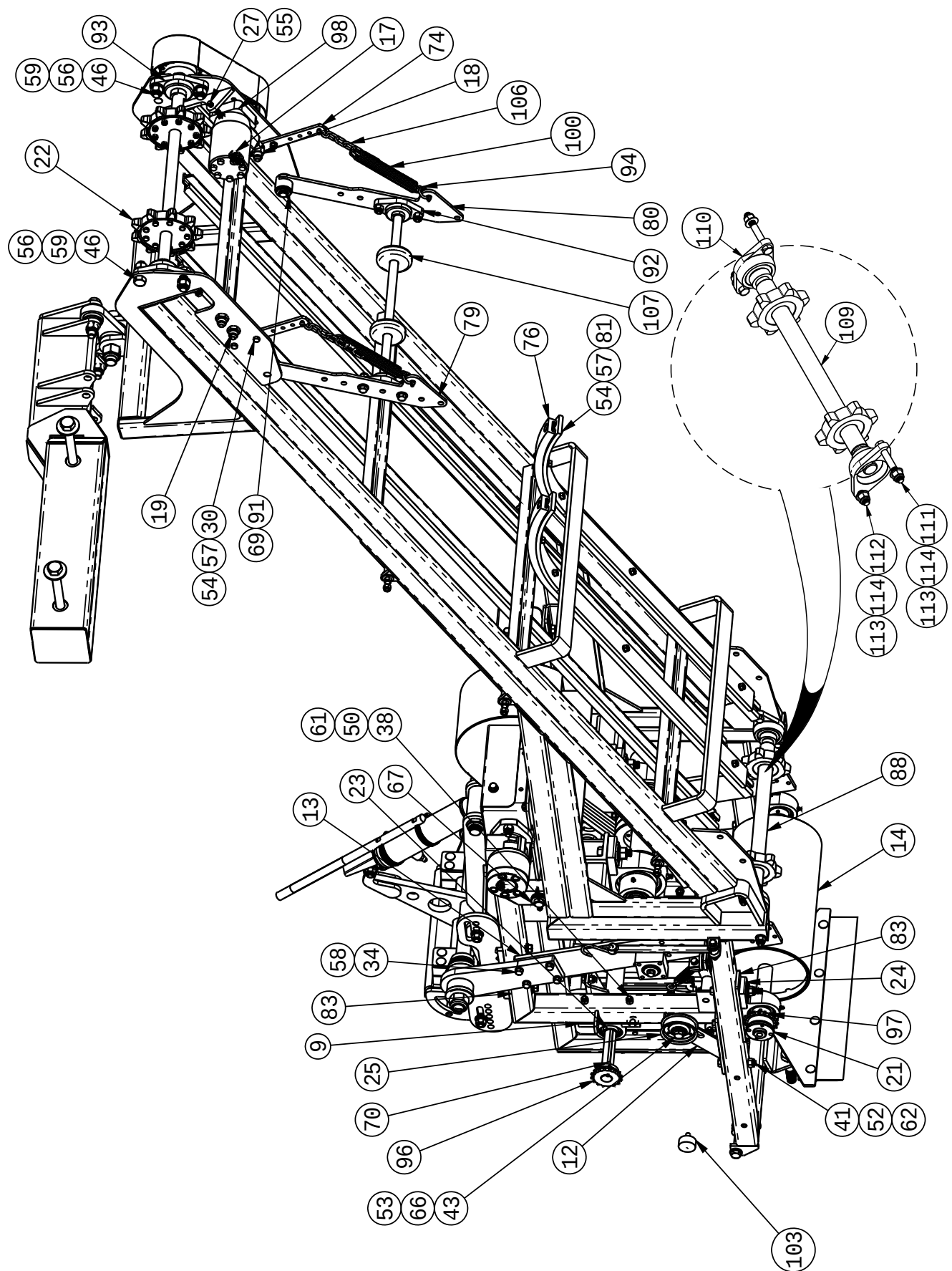
NOTE: See Pages 1-01, 103, 105 & 1-07 for Corresponding Part Numbers



Brouwer 1580 Sod Harvester
Slabber Cutter Conveyor Assembly 16 inch.

ITEM NO.	PART NO.	QTY.	DESCRIPTION
33	F040610	12	BOLT - 3/8 UNC x 1.0 Gr 8
34	F040612	8	BOLT - 3/8 UNC x 1 1/4 Gr 8
35	F040622	1	BOLT - 3/8 UNC x 2 1/4 Gr 8
36	F040626	2	BOLT - 3/8 UNC x 2 3/4 Gr 8
37	F040630	1	BOLT - 3/8 UNC x 3.0 Gr 8
38	F040634	2	BOLT-3/8 UNC X 3 1/2 GR 8
39	F040636	2	BOLT - 3/8 UNC x 3 3/4 Gr 8
40	F040714	4	BOLT - 7/16 UNC x 1 1/2 Gr 8
41	F040730	1	7/16 DIA X 3 LONG GR 8 YELLOW ZN PLATED BOLT
42	F040740	4	HEX BOLT - 7/16-14 UNC X 4.00
43	F040820	1	BOLT - 1/2 UNC x 2.0 Gr 8
44	F040824	1	BOLT - 1/2 UNC X 2 1/2 Gr 8
45	F040834	2	BOLT - 1/2 UNC x 3.50 Gr 8
46	F081016	4	HEX BOLT 5/8 -18 UNF X 1.75 LG. GR 8
47	F2053	2	FLAT RUBBER WASHER O.D. 1.50 X I.D. 5/16
48	F210400	2	1/4-20 UNC NYLOC NUT
49	F210500	5	NUT-5/16 UNC NYLOC
50	F210600	26	HEX LOCK NUT - 3/8 -16 UNC
51	F210612	2	HEX NUT -3/8 -16 UNC FLANGE STOVER
52	F210700	9	HEX LOCK NUT - 7/16 UNC
53	F210800	4	NUT-1/2 UNC NYLOC
54	F230500	21	HEX NUT - 5/16-18 UNC
55	F230600	3	NUT - 3/8-16
56	F231050	4	5/8-UNF HEX NUT
57	F310500	21	LOCK WASHER - 5/16
58	F310600	12	LOCK WASHER - 3/8
59	F311000	4	LOCK WASHER - 5/8
60	F320500	4	FLAT WASHER - 5/16
61	F320600	30	FLAT WASHER - 3/8
62	F320700	9	WASHER - 7/16
63	F330500	6	5/16 SAE WASHER
64	F330600	10	FLAT WASHER SAE 3/8
65	F330700	4	7/16 SAE FLAT WASHER
66	F330800	12	1/2 SAE FLAT WASHER
67	F380914	12	SHIM WASHER .875 X 1.375 X .031
68	F610406	2	Screw 1/4 UNC X 3/4 FLAT HD. PHILLIPS .S.S.
69	F830074	2	EXTERNAL RETAINING RING - 0.75 IN.
70	F924413	1	KEY 1/4 x 1/4 x 1 3/8 Lg
71	F924420	2	KEY - 1/4 x 1/4 x 2.0
72	F940117	2	HITCH PIN CLIP 0.073 X 1 7/16 IN. (5/16 - 3/8 SHAFT)

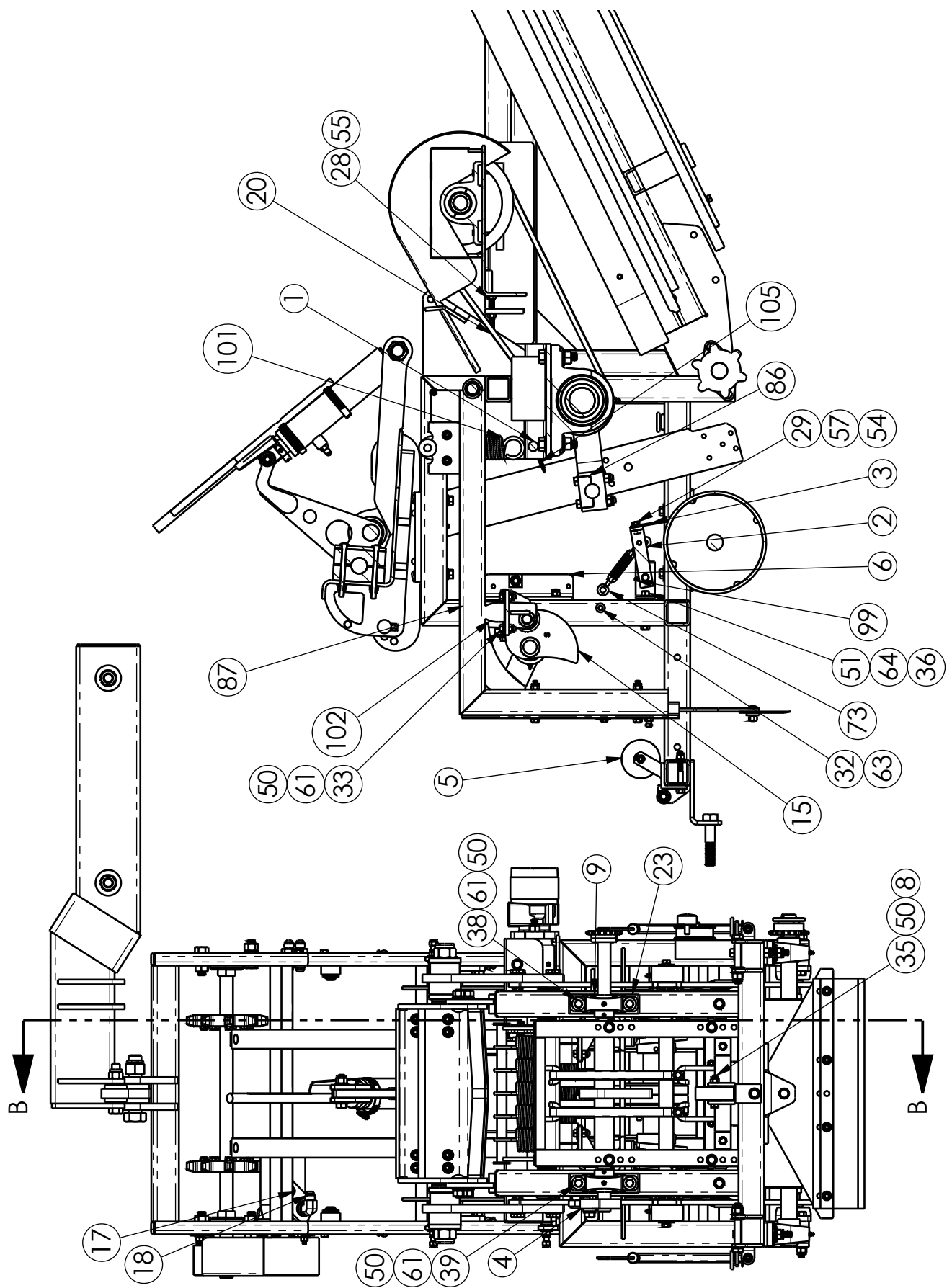
NOTE: See Pages 1-01, 103, 105 & 1-07 for Corresponding Part Numbers



Brouwer 1580 Sod Harvester
Slabber Cutter Conveyor Assembly 16 inch.

ITEM NO.	PART NO.	QTY.	DESCRIPTION
73	G8121	2	TURNBUCKLE EYE TO EYE ALU. 60LBS.
74	H101022	2	IDLER SPRING BAR
75	H101094	2	OUTER SLIDER 92.0 IN.
76	H101096	2	RETURN SLIDER
77	H101216	1	DRIVE CHAIN MAIN CONVEYOR #50 19 LINKS
78	H101765	6	16" SOD GUIDE SPACER 1570, 76, 80
79	H301005	1	TENSIONER ARM
80	H301006	1	TENSIONER ARM
81	H301041	10	"T" BOLT
82	H301097	1	CONVEYOR SLABBER CHAIN GUARD WELDMENT
83	H301246	1	1580 16" SLAB CONVEYOR W/A
84	H500260	1	CONVEYOR TO TRACTOR MOUNTING KIT 16/18" 2150/1580 (SEE PAGE 1-17)
85	H500384	1	CUTTER DRIVE 1580 16/18" ASSEMBLY (SEE PAGE 1-13)
86	H500385	1	CRANKSHAFT 1580 16" ASSEMBLY (SEE PAGE 1-15)
87	H500386	1	CUT-OFF 1580 16/18" ASSEMBLY (SEE PAGE 1-09)
88	H500388	1	FRONT IDLER 1580 16/18" ASSEMBLY (SEE PAGE 1-05)
89	H500396	1	SH1580 HYD. DEPTH CONTROL CUTTING HEAD PARTS 16/18" (SEE PAGE 1-11)
90	KB11212	4	FLANGED BUSHING - 0.75 I.D.
91	KB12220	2	THRUST WASHER 1.25 X 0.75 X 0.06
92	KB32012	2	FLANGE BEARING 0.75 DIA.
93	KB32016	2	FLANGE BEARING 1.00 DIA.
94	KC01002	4	3/16 SHACKLE - 1/2 TONNE WORKING LOAD
95	KD41810	2	SPROCKET #50 CHAIN - 18 TOOTH - 1.00 BORE
96	KD71610	1	SPROCKET #40 CHAIN 16 TOOTH 1.0 BORE
97	KD80018	1	SPROCKET TAPER LOCK HARDEN 18T #40
98	KH30007	1	CONVEYOR MOTOR
99	KM11400	3	STRAIGHT GREASE FITTING
100	KS20002	2	EXTENSION SPING 0.135 WIRE x 1.06 O.D. x 8.00
101	KS20004	5	SPRING TENSION
102	KS60001	4	BUMPER REBOUND
103	KS60007	1	RUBBER BUMPER - 1.50 x 0.81 x 3/8 THREAD (OPT.)
104	KS70009	2	BUNGEE BLACK 9.00" WITH HOOK
105	KX20003	2	COTTER PIN
106	O8402-06.00	2	3/16 PLATED CHAIN - 6 IN. (6 LINKS)
107	R300063	1	TENSIONER SHAFT WELDMENT 16 IN.
108	R500429	1	CONVEYOR MAT ASSEMBLY 16" (SEE PAGE 1-17)

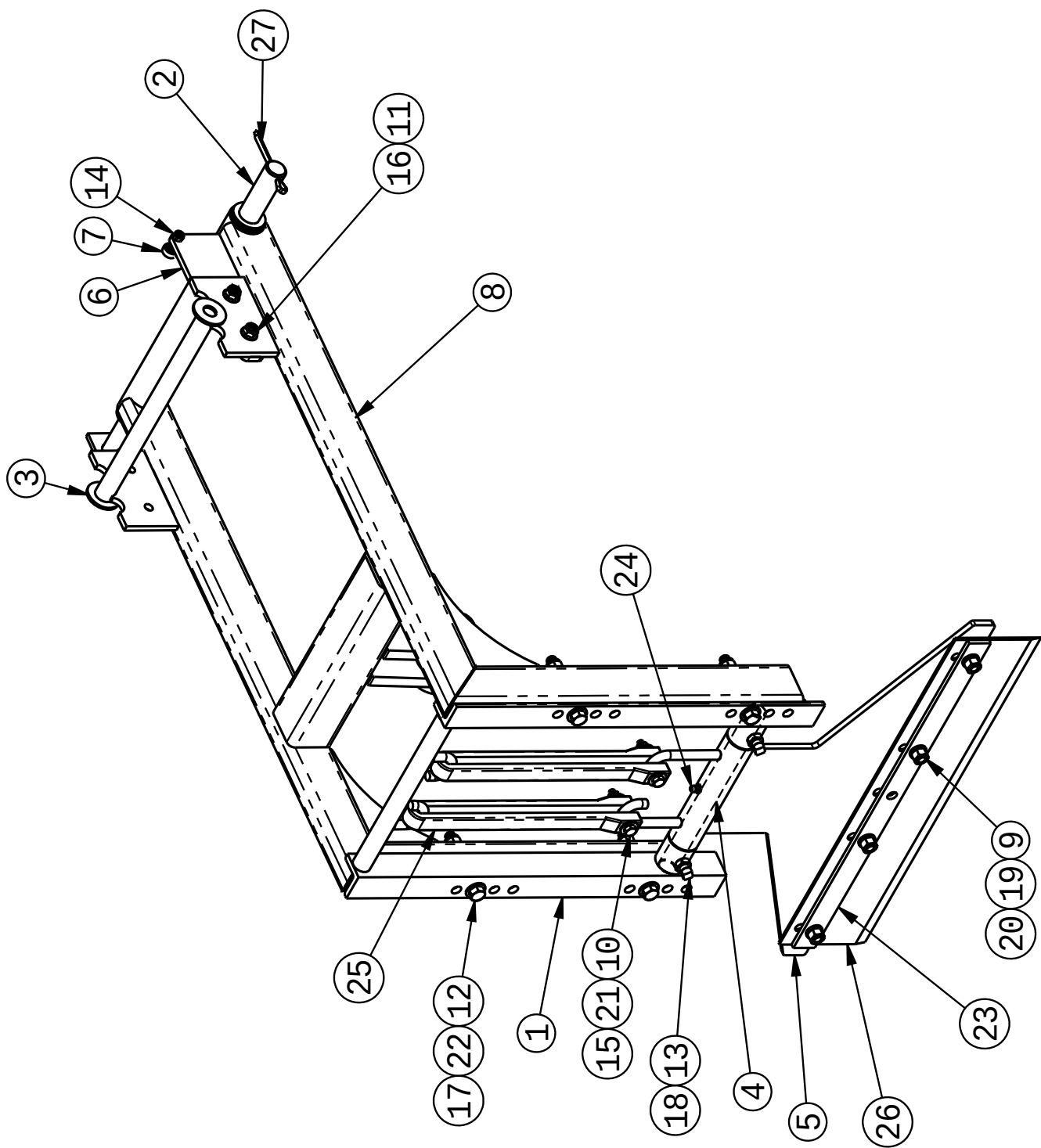
NOTE: See Pages 1-01, 103, 105 & 1-07 for Corresponding Part Numbers



Brouwer 1580 Sod Harvester
Slabber Cutter Conveyor Assembly 16 inch.

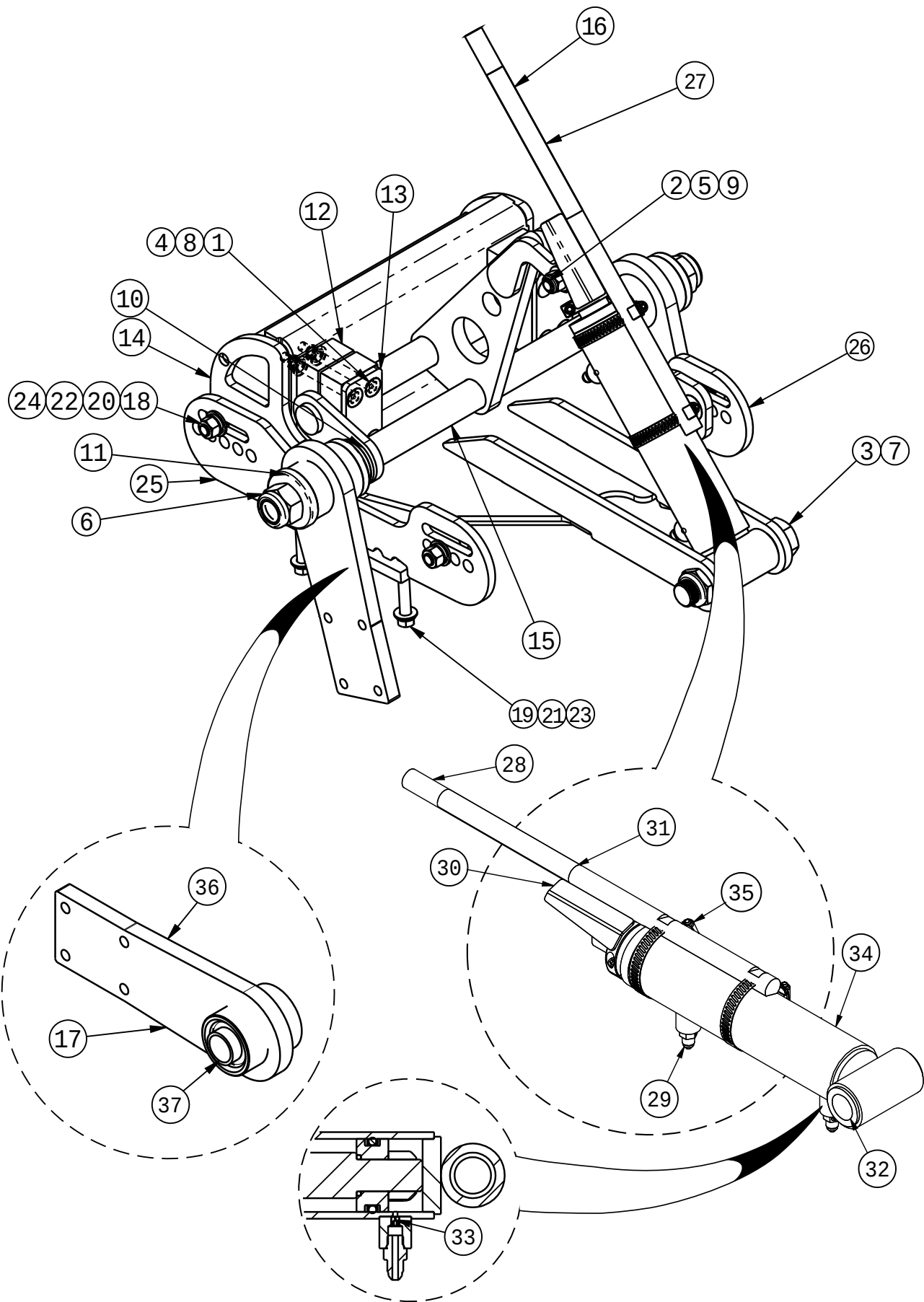
ITEM NO.	PART NO.	QTY.	DESCRIPTION
109	H301257	1	1580 IDLER SHAFT 16 IN. 1.25 DIA. W/A
110	55-FB23016	2	BEARING 2-BOLT FLANGE 1" BORE VCJT1
111	F040732	2	BOLT - 7/16 UNC x 3.250 Lg. Gr 8
112	F040714	2	BOLT - 7/16 UNC x 1 1/2 Gr 8
113	F330700	4	7/16 SAE FLAT WASHER
114	F210700	4	HEX LOCK NUT - 7/16 UNC

NOTE: See Pages 1-01, 103, 105 & 1-07 for Corresponding Part Numbers



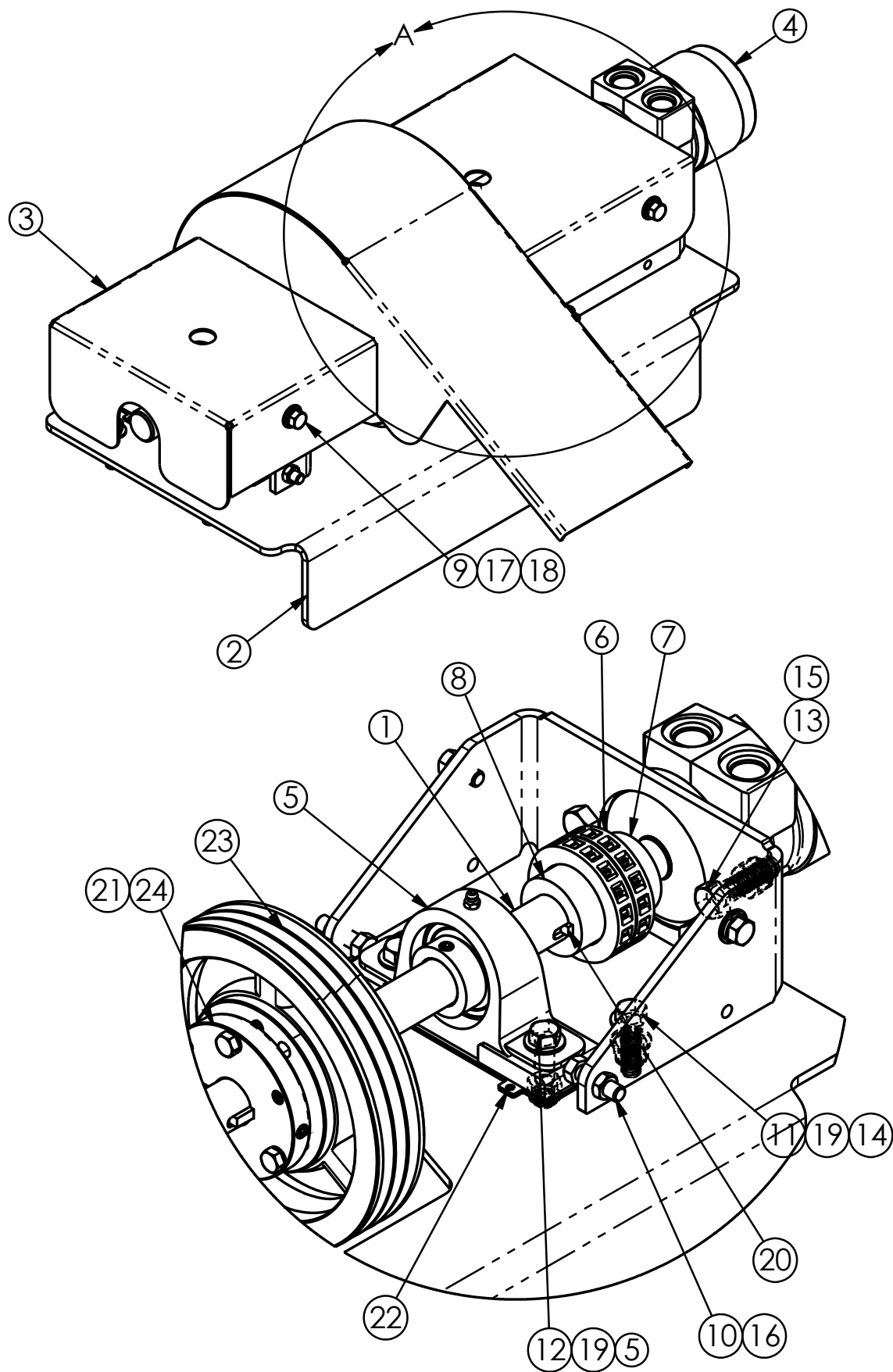
Brouwer 1580 Sod Harvester
Cut-Off 1580 16/18 inch. Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	001301	1	CUTOFF BLADE FRAME 16/18"
2	001308	1	CUT OFF HINGE SHAFT W/A - 1580 16"/18"
3	001312	1	CUT OFF SPRING ADJUSTMENT SHAFT-16 WELDMENT
4	001417	1	PIN BLADE PIVOT 16/18"
5	001446	1	MOUNT, CUTOFF BLADE 16/16"
6	016875	1	COUNTER CABLE ANCHOR
7	43003	1	ROD END SPHERICAL
8	A03539	1	CUT OFF FRAME MECHANICAL ASSEMBLY 16 / 18 IN.
9	F020610	4	BOLT-3/8 UNC X 1 CARRIAGE
10	F040420	2	HEX BOLT - 1/4 -20 UNC x 1.00 Gr 8
11	F040506	2	BOLT - 5/16 UNC x 3/4 Gr 8
12	F040630	4	BOLT - 3/8 UNC x 3.0 Gr 8
13	F110606	2	SET SCREW SQ HD CUP POINT
14	F210200	1	HEX LOCK NUT - 10-24 UNC
15	F210400	2	1/4-20 UNC NYLOC NUT
16	F210512	2	HEX NUT 5/16-18 UNC FLANGE STOVER
17	F210600	4	HEX LOCK NUT - 3/8 -16 UNC
18	F220600	2	HEX JAM NUT - 3/8 UNC
19	F230600	4	NUT - 3/8-16
20	F310600	4	LOCK WASHER - 3/8
21	F320400	4	WASHER-1/4
22	F330600	4	FLAT WASHER SAE 3/8
23	H100110	1	BLADE CLAMP
24	KM11400	1	STRAIGHT GREASE FITTING
25	KM71015	2	BUNGEE 15"
26	KR16001	1	CUT OFF BLADE
27	KX20003	1	COTTER PIN



**Brouwer 1580 Sod Harvester
Depth Adjuster Assembly**

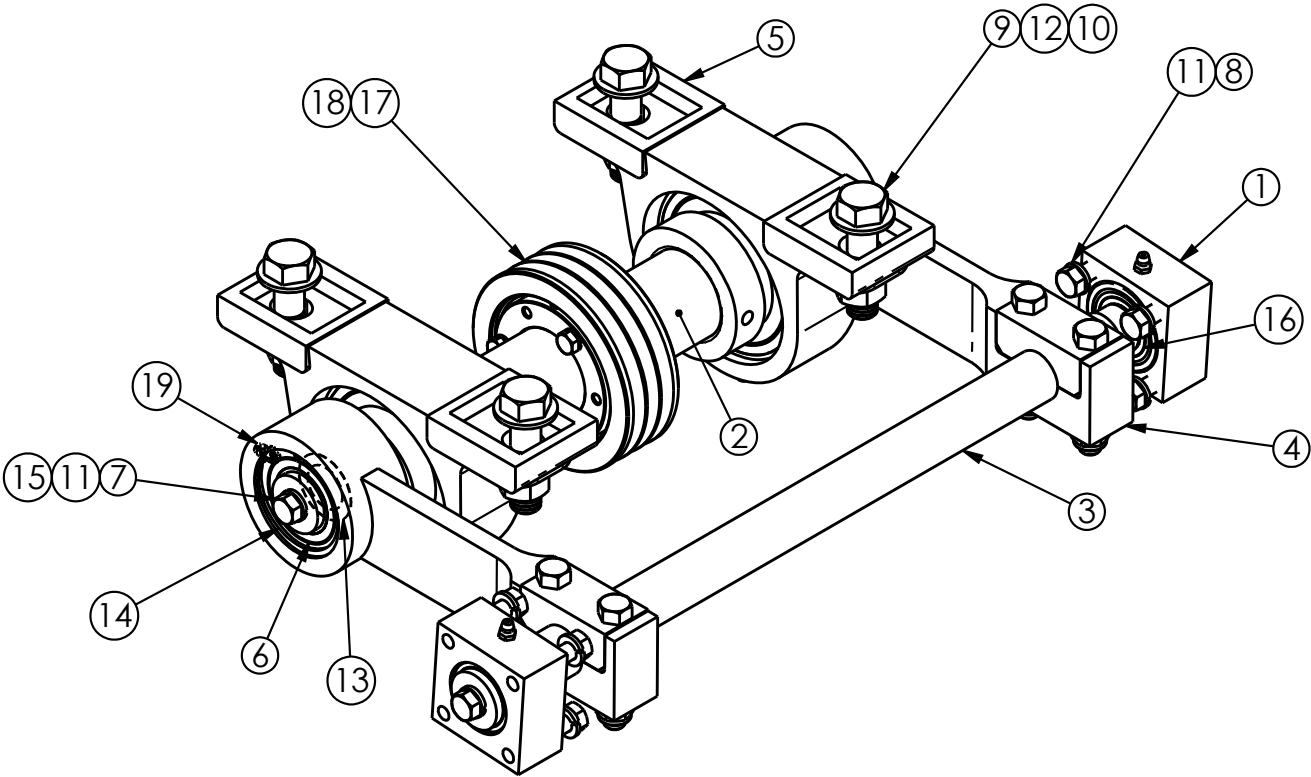
ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	F020640	8	CARRIAGE BOLT - 3/8 -16 UNC x 4.00 LG.
2	F040822	1	BOLT - 1/2 UNC X 2 1/4 Gr 8
3	F081650	1	HEX BOLT - 1.00 -14 UNF x 5.00 GR 8
4	F210600	8	HEX LOCK NUT - 3/8 -16 UNC
5	F210800	1	NUT-1/2 UNC NYLOC
6	F211650	2	NYLOC NUT 1.00 -14 UNF
7	F271650	1	1.00-14 UNF NYLOC JAM NUT
8	F330600	8	FLAT WASHER SAE 3/8
9	F330800	2	1/2 SAE FLAT WASHER
10	F331600	6	FLAT WASHER - 1.00 SAE
11	H100027	4	BUSHING SPACER HARVESTER
12	H100028	2	PITCH ADJUST
13	H100029	2	PIVOT ADJUST CLAMP
14	H300032	1	PITCH ADJUST BRACKET 24 IN.
15	H300033	1	CUTTER TOP PIVOT 24 IN.
16	H500075	1	DEPTH CONTROL CYLINDER ASSEMBLY
17	H500392	2	CUTTER ARM TOP PIVOT 1580 ASSEMBLY
18	F020814	4	CARRIAGE BOLT 1/2 UNC x 1.1/2 LG
19	F040726	4	7/16 DIA X 2 3/4 LONG GR 8 YELLOW ZN PLATED BOLT
20	F230800	4	HEX NUT - 1/2 UNC - ZINC PLATED
21	F310700	4	LOCK WASHER - 7/16
22	F310800	4	LOCK WASHER - 1/2
23	F330700	4	7/16 SAE FLAT WASHER
24	F330800	4	1/2 SAE FLAT WASHER
25	H300268	1	PITCH AND DEPTH ADJUSTMENT BRACKET W/A LH
26	H300269	1	PITCH AND DEPTH ADJUSTMENT BRACKET W/A RH
27	H500393	1	DEPTH ADJUSTER 1580 ASSEMBLY
28	002447	1	DEPTH INDICATOR ROD
29	4-4-070120	2	FITTING #4 JIC TO #4 ORB
30	B300277	1	CYLINDER DEPTH INDICATOR
31	D001-055	1	DECAL - DEPTH CONTROL
32	H100009	2	IGUS BUSHING
33	H100129	1	DEPTH CONTROL RESTRICTOR
34	H500001	1	DEPTH CONTROL CYLINDER
35	KU03025	2	GEAR CLAMP HS-44
36	H300270	2	BUSHING MOUNT CUTTER ARM - KING RANCH SPECIAL
37	KS50001	2	ISOLATOR CUTTER ARM



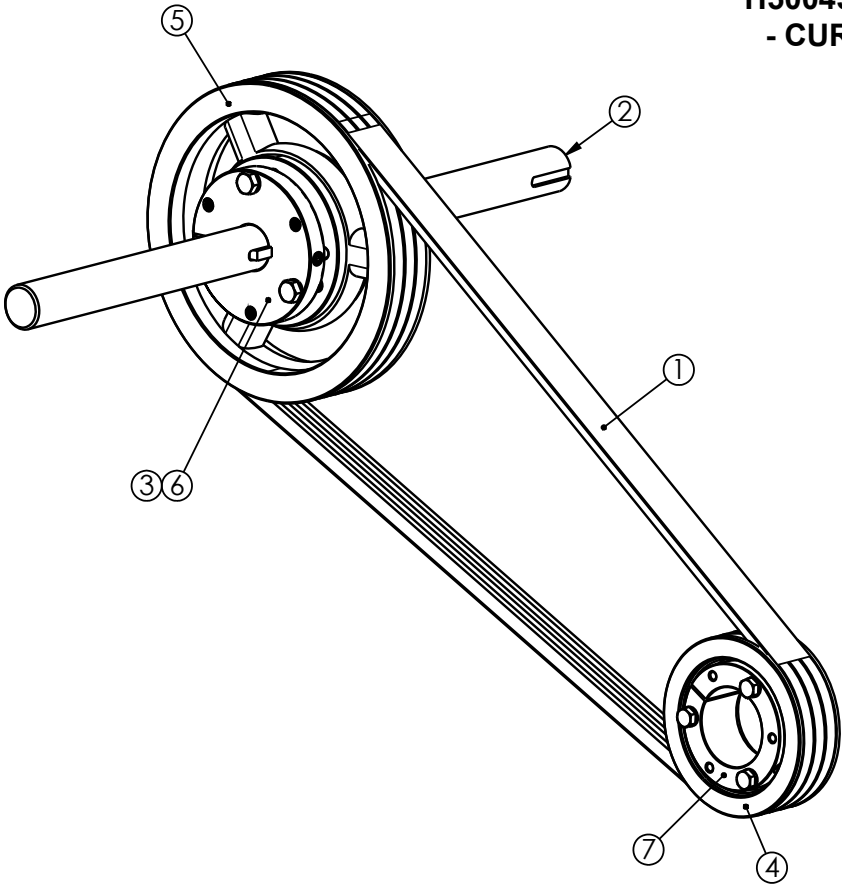
Brouwer 1580 Sod Harvester
Cutter Drive 1580 16/18 inch Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	001574	1	HYDRAULIC MOTOR SHAFT 16"/18"
2	016076	1	CRANKSHAFT DRIVE FRAME 16 / 18 IN.
3	016082	1	PULLEY CRANKSHAFT DRIVE GUARD 16/18 IN.
4	21099	1	MOTOR TORQUE HYDRAULIC
5	B1003	2	PILLOW BLOCK BEARING 1 1/8"
6	D4004	1	COUPLING CHAIN 40CH16
7	D4006	1	COUPLING SPROCKET C4016 X 1
8	D4007	1	COUPLING SPROCKET C4016 X 1 1/8
9	F040606	4	BOLT 3/8 UNC X 3/4 . Gr 8
10	F040612	4	BOLT - 3/8 UNC x 1 1/4 Gr 8
11	F040714	4	BOLT - 7/16 UNC x 1 1/2 Gr 8
12	F040716	4	BOLT - 7/16 UNC x 1 3/4 Gr 8
13	F040816	2	BOLT - 1/2 UNC X 1 3/4 Gr 8
14	F210700	8	HEX LOCK NUT - 7/16 UNC
15	F210800	2	NUT-1/2 UNC NYLOC
16	F220608	4	NUT - 3/8 UNC JAM Gr 8
17	F310600	4	LOCK WASHER - 3/8
18	F330600	4	FLAT WASHER SAE 3/8
19	F330700	12	7/16 SAE FLAT WASHER
20	F924410	1	KEY 0.25 X 0.25 X 1.00 LG
21	F924430	1	KEY 1/4 x 1/4 x 3.0 Lg. - CURRENT FROM SERIAL # 550
22	H100697	4	PILLOW BLOCK BEARING 206 SHIM
23	KD33800	1	SHEAVE, TAPER LOCK, 3"3V"BELT x 8.00 PD - CURRENT FROM SERIAL # 550
	D2721	1	SHEAVE TAPER LOCK 3TB80 - NON CURRENT UP TO SER. # 549
24	KD52011	1	BUSHING SPLIT TAPER LOCK, 1.125 BORE - CURRENT FROM SERIAL # 550
	D3010	1	BUSHING SPLIT TAPER LOCK 1 1/8 BORE - NON CURRENT UP TO SER. # 549

H500385 - Crankshaft 1580 16 in. Assembly



**H500458 - Cutter Drive Belt Kit
- CURRENT from Serial # 549**



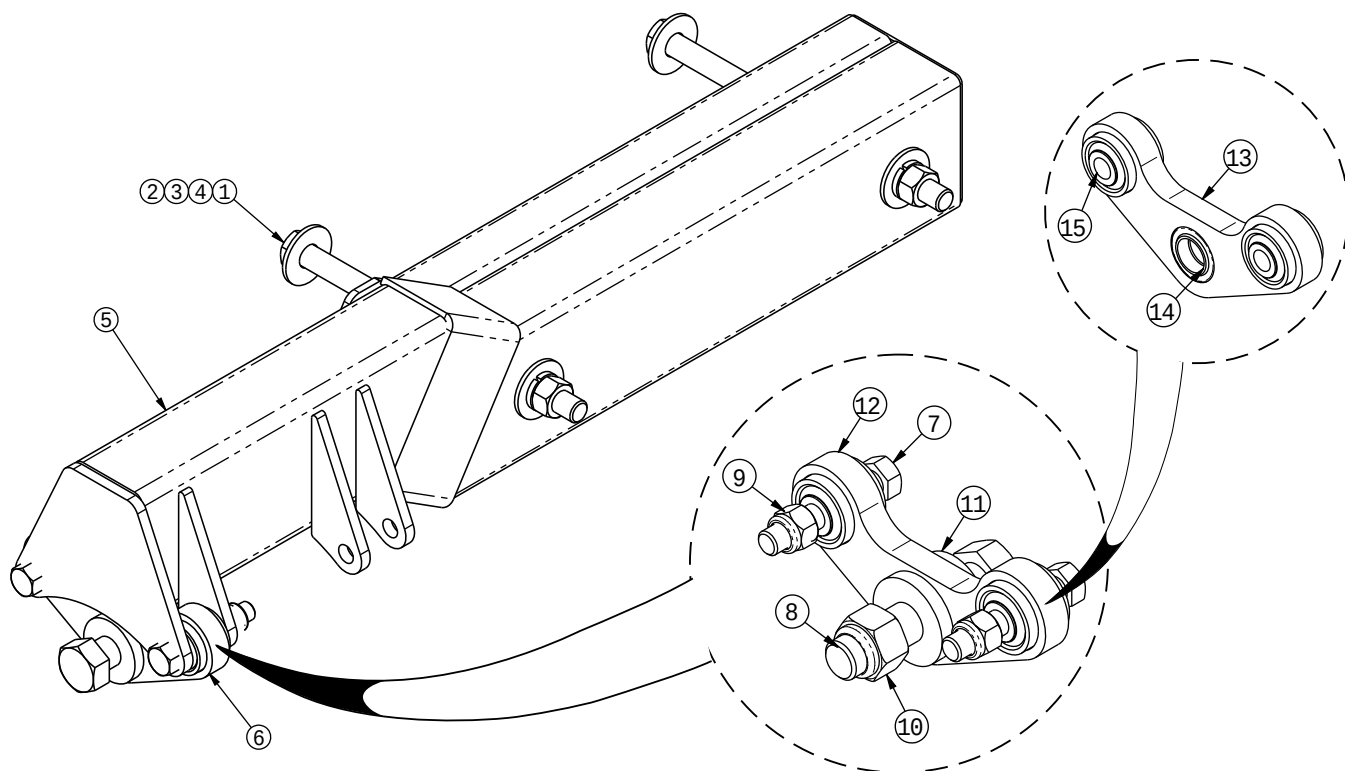
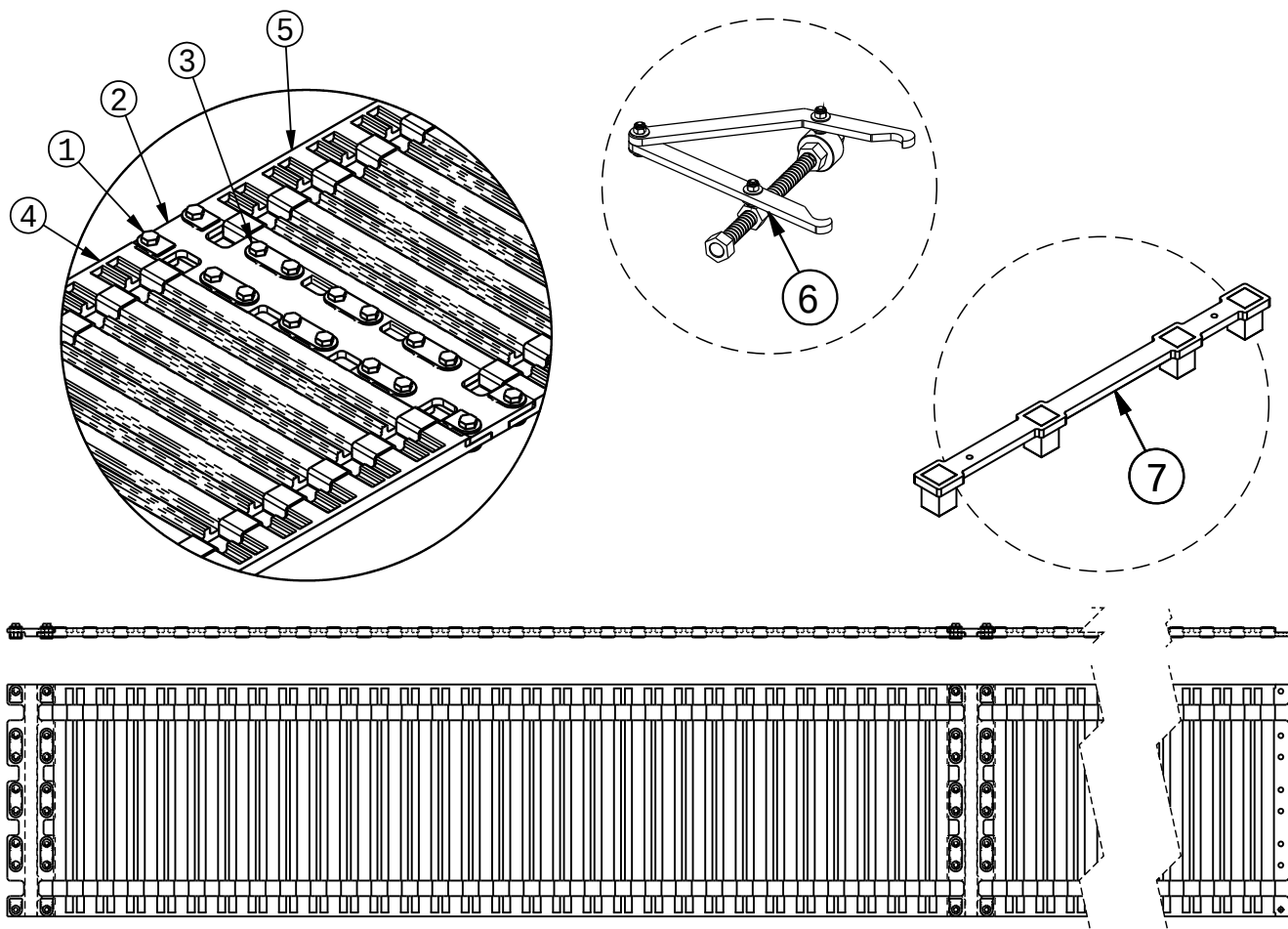
Brouwer 1580 Sod Harvester
Crankshaft 1580 16 in. Assembly & Cutter Drive Belt Kit

H500385 - Crankshaft 1580 16 in. Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	001281	2	BEARING BLOCK
2	001287	1	STANDARD CRANKSHAFT 16 / 18 IN.
3	001525	1	WRIST SHAFT 16 IN.
4	001692	2	SPLIT CONNECTION ROD
5	B1120	2	BEARING PILLOW BLOCK 2"
6	B2015	4	BEARING BALL 25mm
7	F040610	4	BOLT - 3/8 UNC x 1.0 Gr 8
8	F040612	8	BOLT - 3/8 UNC x 1 1/4 Gr 8
9	F041024	4	BOLT - 5/8 UNC X 2 1/2 Gr 8
10	F211012	4	FLANGED STOVER LOCK NUT - 5/8-11
11	F310600	12	LOCK WASHER - 3/8
12	F331000	4	FLAT WASHER SAE 5/8 IN.
13	F381014	4	SHIM WASHER - 1.50 x 1.00 x 0.020 THK.
14	F815244	4	INTERNAL RETAINING RING - 2 7/16
15	H100045	4	RETAINER WASHER CONNECTING ROD
16	KB50003	4	SEALED BEARING, 25 mm ID x 52 mm OD x 15 mm THK
17	KD33450	1	SHEAVE - TAPER LOCK, 3"3V" BELT x 4.45 PD - CURRENT FROM SER. # 550
	833B46SD	1	SPLIT TAPER LOCK BUSHING SD2 - NON CURRENT UP TO SER. # 549
18	KD52020	1	SPLIT TAPER LOCK BUSHING SDS-2.00 - CURRENT FROM SER. # 550
	D3021	1	SPLIT TAPER LOCK BUSHING SD2 - NON CURRENT UP TO SER. # 549
19	KM11400	4	STRAIGHT GREASE FITTING

H500458 - Cutter Drive Belt Kit - CURRENT from Serial # 549

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	81-3VX560	1	BANDED 3 V-BELT 3VX - 560
2	001574	1	HYDRAULIC MOTOR SHAFT 16"/18"
3	F924430	1	KEY 1/4 x 1/4 x 3.0 Lg.
4	KD33450	1	SHEAVE - TAPER LOCK, 3"3V" BELT x 4.45 PD
5	KD33800	1	SHEAVE, TAPER LOCK, 3"3V" BELT x 8.00 PD
6	KD52011	1	BUSHING SPLIT TAPER LOCK, 1.125 BORE
7	KD52020	1	SPLIT TAPER LOCK BUSHING SDS-2.00



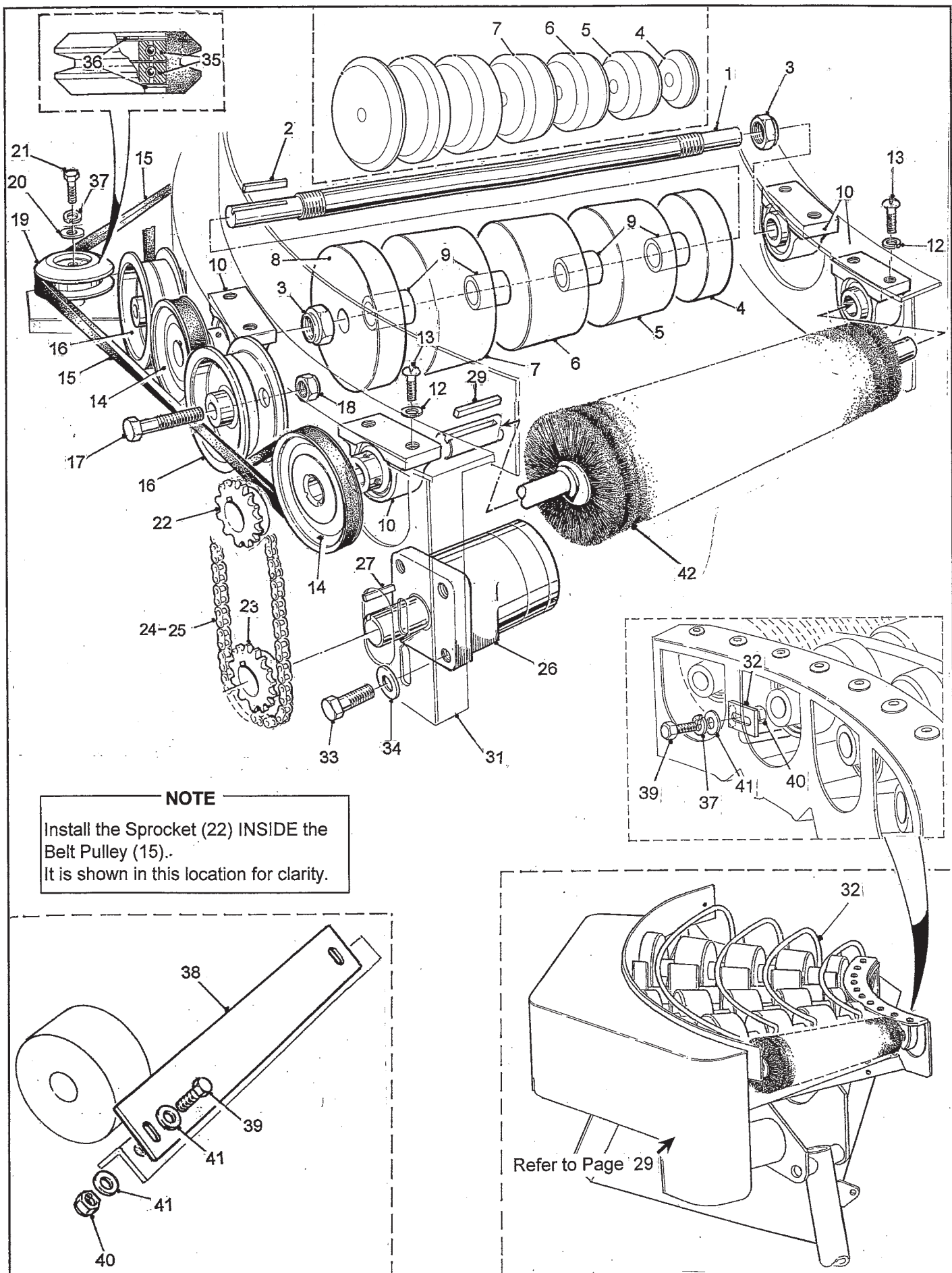
**Brouwer 1580 Sod Harvester
Conveyor Mat & Conveyor to Tractor Mounting Kit**

R500429 - Conveyor Mat Assembly 16 Inch

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	002641	8	MAT SPLICE HALF
2	B100955	2	RUBBER BELT SPLICER 16 IN.
3	KD90001	12	BELT SPLICER
4	R101921	1	ROBOMAX 16 IN. CONVEYOR BELT SHORT PIECE
5	R101922	1	ROBOMAX 16 IN. CONVEYOR BELT LONG PIECE
6	S500002	1	CONVEYOR BELT TIGHTENER
7	S300014	1	CONVEYOR MAT JOINER JIG

H500260 - Conveyor to Tractor Mounting Kit 16/18 inch 2150/1580

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	F0412120	2	HEX BOLT - 3/4 -10 x 12.0 LG. GR 8
2	F231200	2	HEX NUT - 3/4 UNC
3	F311200	2	LOCK WASHER - 3/4
4	F321200	4	FLAT WASHER - 3/4
5	H301014	1	BEAM EXTENSION 16/18"
6	H500025	1	CONVEYOR ISOLATOR HANGER W/FASTENERS ASSEMBLY
7	F041034	2	HEX BOLT - 5/8 -11 UNC x 3.50 LG. GR 8
8	F041650	1	HEX BOLT - 1.00 -8 UNC x 4.50 GR 8
9	F211000	2	NUT-5/8 UNC NYLOC
10	F211608	1	NUT - 1 UNC NYLOC Gr 8
11	H101170	2	HANGER SPACER
12	H500203	1	CONVEYOR ISOLATOR HANGER ASSEMBLY
13	H301013	1	CONVEYOR ISOLATOR HANGER
14	KB11016	1	1.00 IN. SPHERICAL PLAIN BEARING
15	KS50002	2	HANGER ISOLATOR



ITEM NO.	PART NO.	DESCRIPTION	QTY
		CURVED CONVEYOR - DRIVE, ROLLERS, PULLEYS & BRUSH	
	H500063	Curved Conveyor - 16/18 in. - Brush & Rollers c/w Stand Assembly	
	H500361	Curved Conveyor - 16/18 in. - All Brushes c/w Stand Assembly	
1	H101142	Roller Shaft - 16 inch	4
2	F920314	Key - Roller Shaft 3/16 x 3/16 x 1 1/2	4
3	F271450	Locknut - Rollers to Shaft 7/8 UNF	8
4	H101143	Conveyor Roller 3.68 in. Dia.	4
5	H101144	Conveyor Roller 4.31 in. Dia.	4
6	H101145	Conveyor Roller 4.93 in. Dia.	4
7	H101146	Conveyor Roller 5.56 in. Dia.	4
8	H101147	Conveyor Roller 6.00 in. Dia.	4
9	H101148	Spacer - Rollers	16
10	KB30012	Pillow Block Bearing (metric bolt required.)	10
12	F360600	Lockwasher 3/8 S.S.	20
13	G0710020	Bolt 10 - 1.5 x 20 (Metric) Soc. Hd. SS.	20
14	KD11047	Pressed Steel Sheave 0.75 in. Bore	5
15	KD61105	"V" Belt	1
16	M500002	Idler Pulley	4
17	F040834	Bolt 1/2 x 3 1/2 UNC. GR.8	4
18	F210800	Locknut 1/2 UNC	4
19	H101176	Idler Sheave. See Note	1
20	H101256	Washer - Retainer	1
21	F040410	Bolt 1/4 UNC x 1 GR. 8	1
22	KD71606	Sprocket - 16 T. 0.75 in. Bore (Standard)	1
	KD71406	Sprocket - 14 T. 0.75 in. Bore (High speed)	1
	KD71806	Sprocket - 18 T. 0.75 in. Bore (Low speed)	1
23	KD71810	Sprocket - 18 T. 1.00 in. Bore (KD71610. 16T. Option)	1
24	H101286	Chain, Curved Conveyor Drive, #40	1
25	KD71000	Chain Connector Link #40	1
26	KH30007	Conveyor Motor	1
	KH70054	Seal Kit. Conveyor Motor	1
27	F923326	Key - Motor Shaft 3/16 x 3/16 x 2 3/4 lg.	1
29	F920314	Key - Brush Shaft 3/16 x 3/16 x 1 1/2	1
31	H301061	Conveyor Frame - 16 inch	1
32	H301066	Guide Rods - 16 inch	1
33	F040610	Bolt 3/8 UNC x 1 GR. 8	1
34	F330608	Washer 3/8 SAE. GR. 8	4
35	KB16204	Bearing - Idler Sheave	2
36	F815187	Retaining Ring - Idler Sheave	2
37	F310408	Lockwasher 1/4	3
38	H101226	Scraper - Conveyor Roller - 16 inch	4
39	F040406	Bolt 1/4 UNC x 3/4 GR. 8	10
40	F210408	Locknut 1/4 UNC	10
41	F320408	Washer 1/4	18
42	H301095	Coiled Brush Assy. -16 inch	1

NOTE

Items 1, 3, 4, 5, 6, 7, 8, 9, are available as assembly: H500058 - 16 inch.

NOTE

Items 10 & 14 are available as assembly H500337.

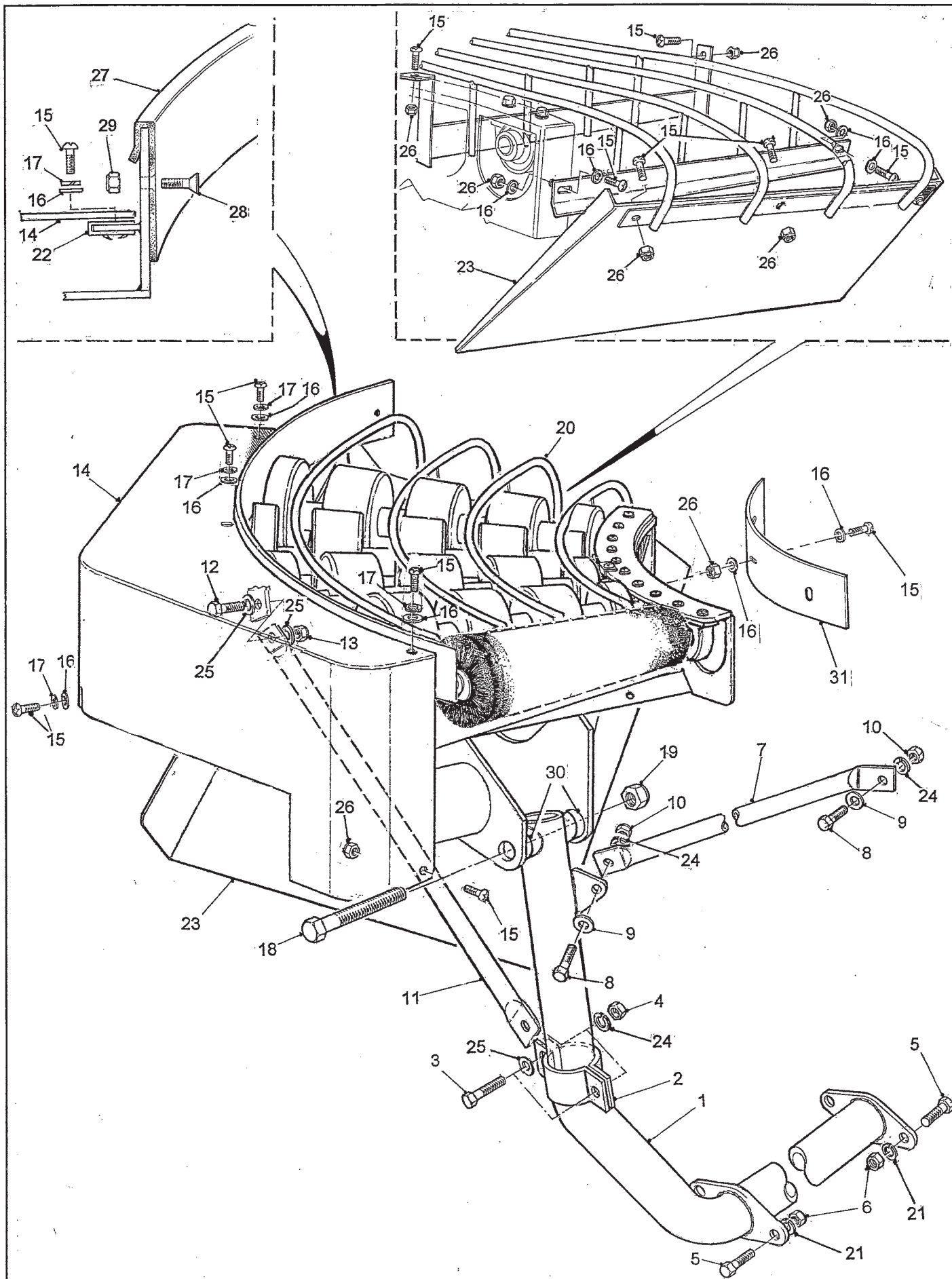
NOTE

Items 1, 3, 4, 5, 6, 7, 9, 11, 43 & 44 are available as assembly: H500322 - 24 inch.

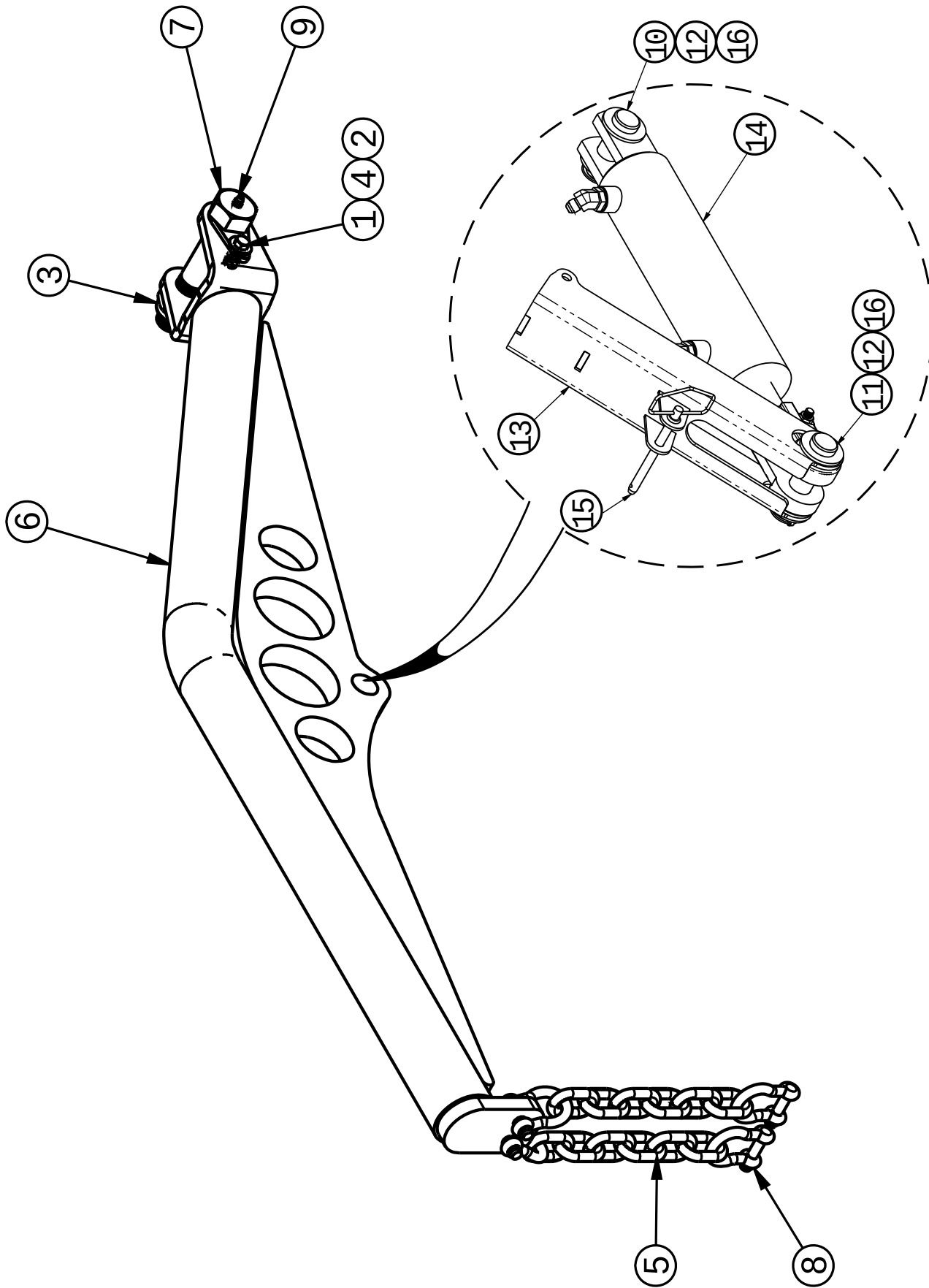
NOTE

Items 19, 35 & 36 are replaced as assembly Pt. No. H500062

See Note



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



Brouwer 1580 Sod Harvester
Lift Arm 16/18 in. & Head Lift Cylinder 5065E Tier IV Assemblies

H500258 - Lift Arm Installation 16/18 in. Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	F040512	1	BOLT - 5/16 -18 UNC x 1 1/4 Gr 8
2	F210500	1	NUT-5/16 UNC NYLOC
3	F211600	1	NYLOC NUT 1.00 UNC
4	F320500	1	FLAT WASHER - 5/16
5	H100529	2	HEAD LIFT CHAIN 6 LINK
6	H300105	1	STD LIFT ARM 16/18 IN.
7	H300173	1	PIVOT PIN
8	KC01006	4	SCREW PIN SHACKLE - 3/8 - ALLOY STEEL
9	KM11400	1	STRAIGHT GREASE FITTING

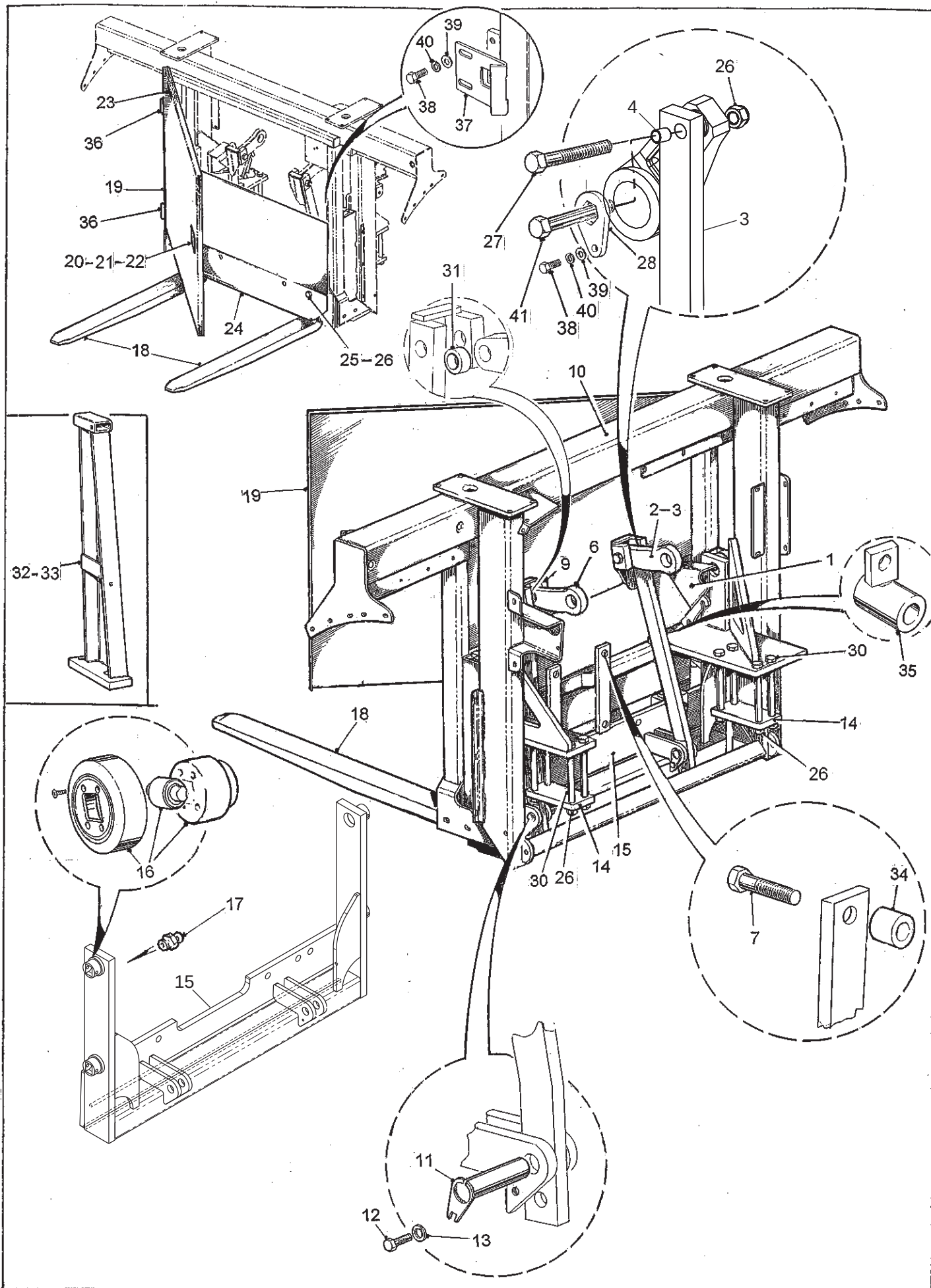
H510284 - Head Lift Cylinder & Lock 5065E Tier IV Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
10	KX01630	1	PIN - 1.00 CLEVIS x 3.00 LG.
11	KX01640	1	PIN - 1.00 CLEVIS x 4.00 LG.
12	F331600	4	FLAT WASHER - 1.00 SAE
13	H310285	1	CYLINDER LOCK
14	H500208	1	HEAD LIFT CYLINDER
15	KX06100	1	PIN - 3/8 HITCH x 4 GRIP LG. (C/W LANYARD)
16	KX30319	2	PINS - LYNCH 3/16" x 1 9/16 PIN LENGTH

SECTION 2 HARVESTER FRAME

1580 Model

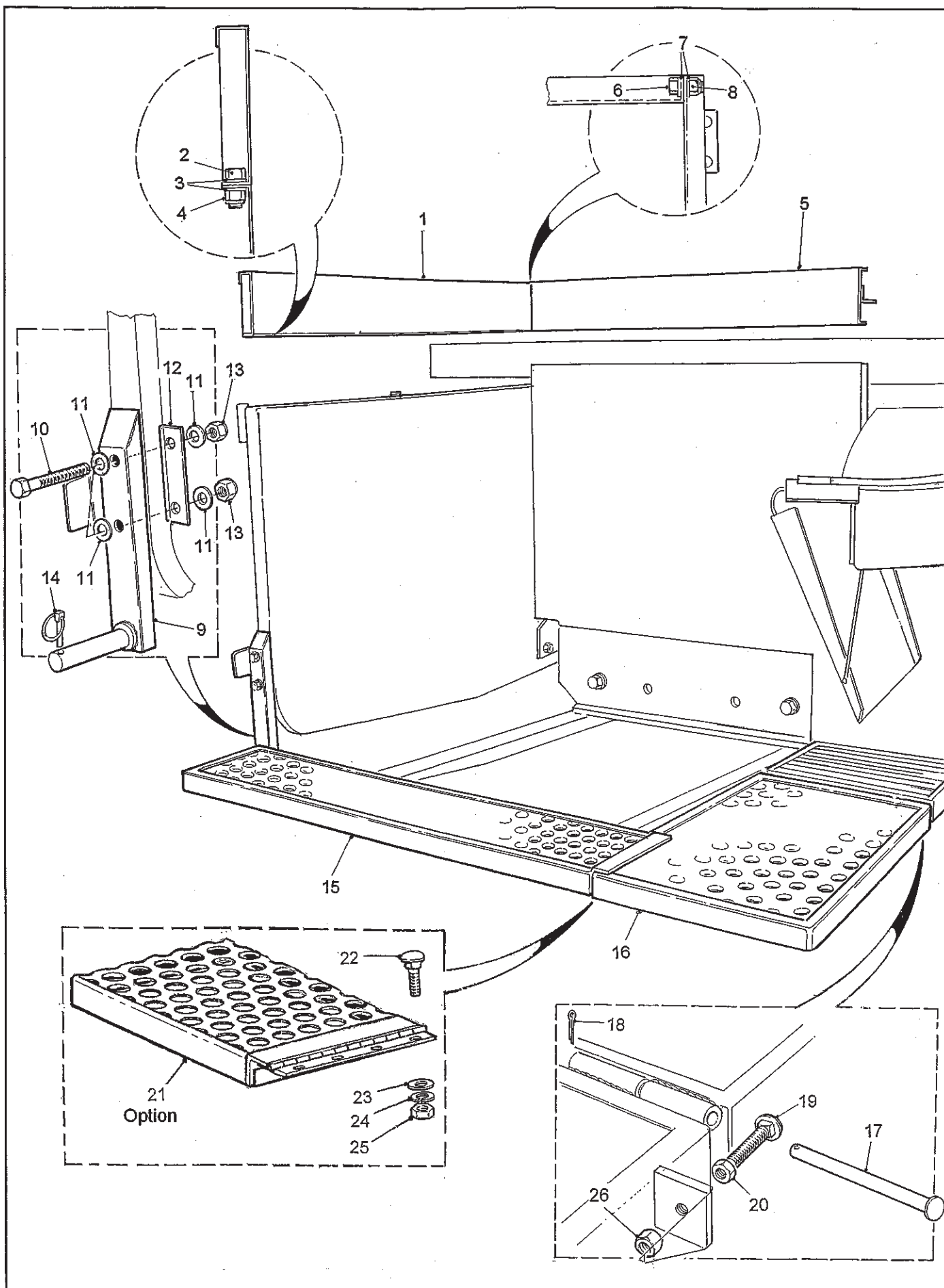
Harvester Mounting Frame	2-01
Piling Wall & Rear Standing Platforms	2-03
Canopy Assembly & Lights	2-05
Panels & Fenders - John Deere	2-07
Primary & Half Weight Mount - John Deere	2-09
Tie Rod & Hose Support - John Deere	2-11
JD Tractor 5065E Tier IV Assembly Common Parts	2-13
Structural Beams & Panels Brouwer JD 5065E Tier 4.1	2-15
Front Bracket, Weights & Hydraulic Tank JD Tier IV	2-21
Warning Bar & Platform Assemblies	2-23
Pallet Platform & Piling Wall Extension Assemblies	2-25



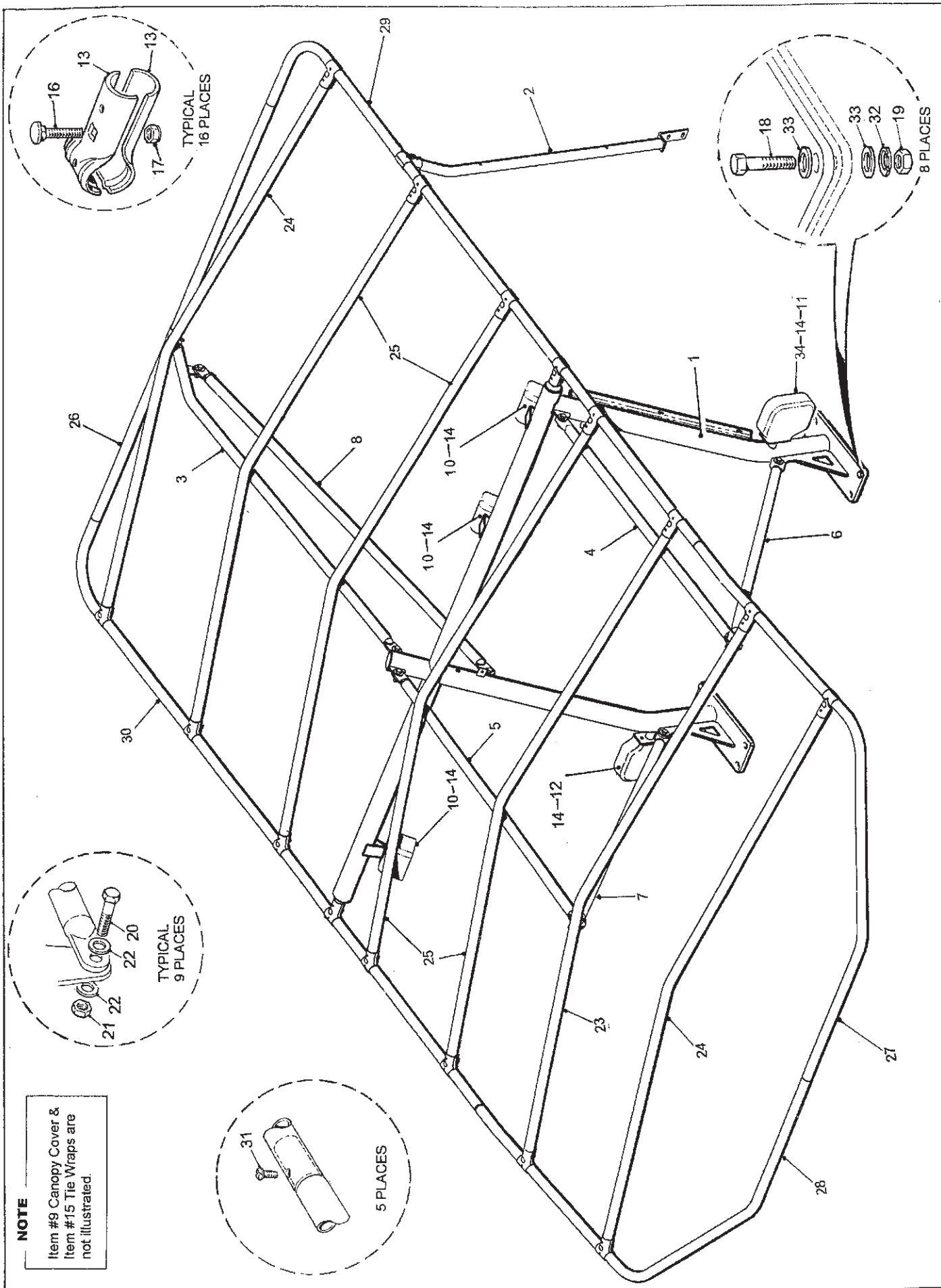
ITEM NO.	PART NO.	DESCRIPTION	QTY
HARVESTER MOUNTING FRAME			
3	H110476	Lift Arm Ass'y. L.H. - J.D. (Incl. Item 4) - Current	1
	H510033	Lift Arm Ass'y. L.H. - J.D. (Incl. Item 4) - Non Current	1
4	KB11214	Igus Bearing 0.815 OD. X 0.75 ID. X 1.0 Lg.	1
6	H510249	Lift Arm Ass'y. R.H. - J.D. (Incl. Item 4) - Current	1
	H510034	Lift Arm Ass'y. R.H. - J.D. (Incl. Item 4) - Non Current	1
7	G0414090	Bolt M14 x 2.0 x 90 (J.D.Only)	4
9	H110476	Lift Link R.H. - J.D. - Also used on L.H. - Current	2
	H310243	Lift Link L.H. - J.D. - Non Current	1
	H310269	Lift Link L.H. - J.D. - Non Current	1
10	H310365	Rear Frame - Tractor Mount - J.D. - Current	1
	H310117	Rear Frame - Tractor Mount - J.D. - Non Current	1
	H310265	Rear Frame - Tractor Mount - J.D. - Non Current	1
11	T300149	Pivot Pin	2
12	F040506	Bolt 5/16 UNC x 3/4 GR. 8	2
13	F310500	Lockwasher 5/16	2
14	H110486	Mounting Bar - Rear Beam - J.D.	2
15	H310088	Fork Frame - J.D.	1
16	KB10001	Combination Bearing (If Required, Order Spigot KB10002)	4
17	KX90030	Grease Fitting (Metric)	4
18	H310005	Pallet Fork - Option H310107-46 in., H310108 - 48 in.	2
19	H310066	Rear Door	1
20	KX50001	Paddle Handle - Lockable	1
21	F540204	Screw #10-24 x 1/2 Pan Hd. Phil.	4
22	F210200	Locknut #10-24	4
23	D001-023	Decal - "Diesel Fuel Only"	1
24	H510173	Fork Shield. J.D.	1
25	F040240	Bolt 3/4 UNC x 4 GR. 8	2
26	F211200	Locknut 3/4 UNC	12
27	F041250	Bolt 3/4 UNC x 5 GR. 8	2
28	H101063	Bolt Lock. L.H. Lift Link only. J.D. Current from Serial No. 399	1
29	KM99046	Washer - Brass	2
30	F041290	Bolt 3/4 UNC x 9 GR. 8 (Beam to Axle)	8
31	H111232	Pipe Spacer. R.H. Lift Link only (Brush Kit Option only)	1
32	H310118	Gas Tank Tower - L.H. - Non Current	1
	H310083	Gas Tank Tower - L.H. - Current	1
33	H310119	Gas Tank Tower - R.H. - Non Current	1
	H310084	Gas Tank Tower - R.H. - Current	1
34	H110535	Spacer - (J.D.) Non Current	1
	H111206	Spacer - J.D. - 5225. Current	1
35	H310138	Spacer - Drag Link Anchor - J.D. - 5065. Non Current	1
	H310278	Spacer - Drag Link Anchor - J.D. - 5225. Current	1
36	KM99043	Weld-On Hinge	2
37	H110725	Door Latch	1
38	F010406	Bolt 1/4 UNC x 3/4	3
39	F320400	Washer 1/4	3
40	F310400	Lockwasher 1/4	3
41	H111189	Bolt (Modified) L.H. Lift Link only J.D.	1

NOTE

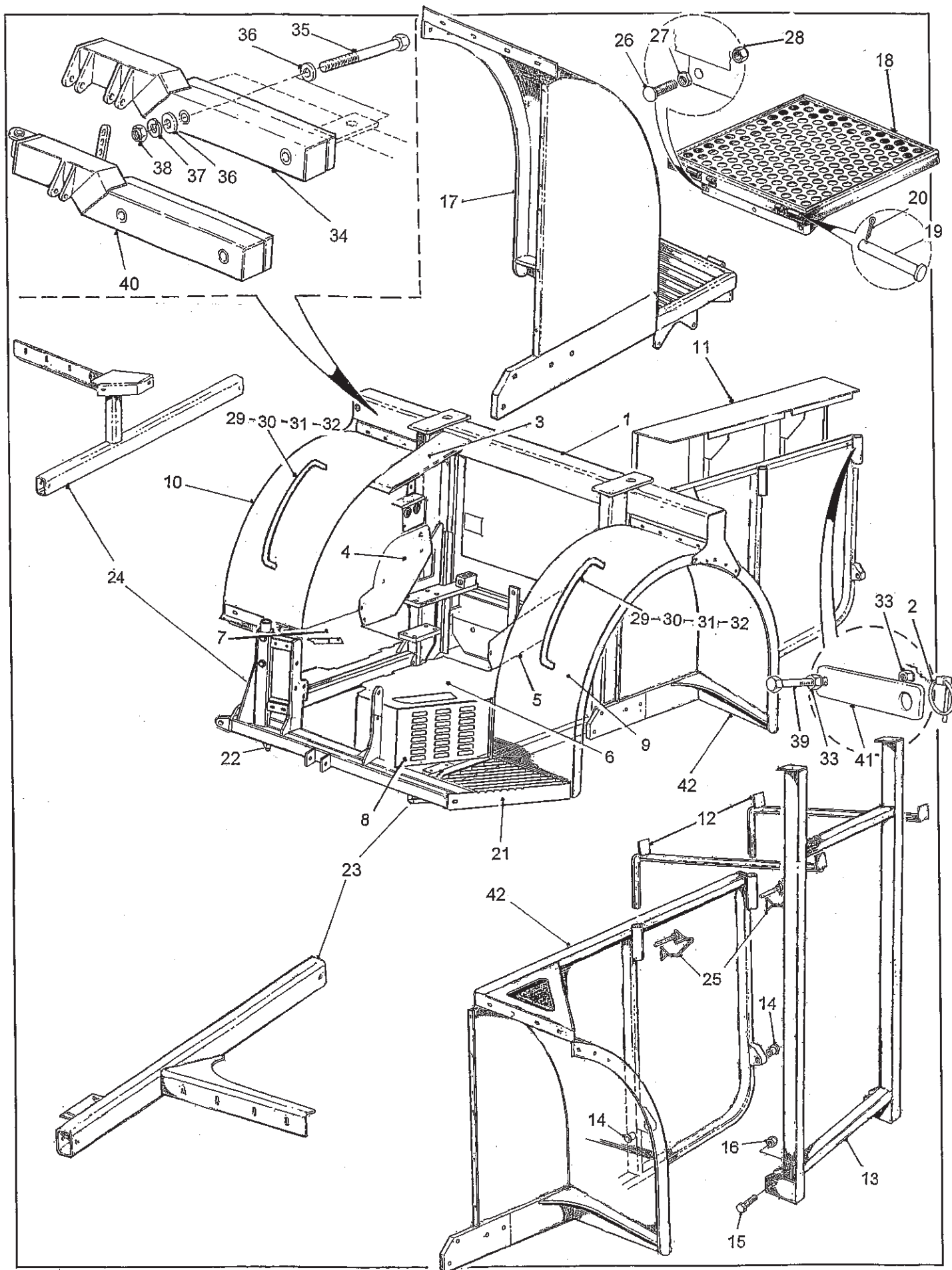
H510033 (Item 3) or H510034 (Item 6) can be replaced by set of H510248 and H510249 (provides higher Fork Travel).



ITEM NO.	PART NO.	DESCRIPTION	QTY
		PILING WALL EXTENSIONS & REAR STANDING PLATFORMS	
1	H310093	Piling Wall - Side Extension	1
	H310252	Piling Wall - Side Extension. Tall	1
2	F040616	Bolt 3/8 UNC x 1 3/4 GR. 8	3
3	F320600	Washer 3/8	6
4	F210600	Locknut 3/8 UNC	3
5	H310092	Piling Wall - Front Extension	1
	H310251	Piling Wall - Front Extension. Tall	1
6	F040604	Bolt 3/8 UNC x 1/2 GR. 8	2
7	F320600	Washer 3/8	4
8	F210600	Locknut 3/8 UNC	2
9	H310098	Pivot Bracket - Rear Platform	1
10	F040640	Bolt 3/8 UNC x 4 GR. 8	2
11	F310600	Washer 3/8	4
12	H110536	Backing Plate	1
13	F210600	Locknut 3/8 UNC	2
14	KX30319	Lynch Pin 3/16 x 1 9/16	1
15	H310329	Rear Platform - Triangular - Current	1
	H310059	Rear Platform - Long Rectangular - Non Current	1
16	H310220	Standing Platform - Roll	1
	H310221	Standing Platform - Slab. 16in. & 18in	1
	H310390	Standing Platform - Slab. 24 in. 36 in. LG. (made Standard) - Current	1
17	H310148	Hinge Pin - Current	2
	H310122	Hinge Pin - Non Current	2
18	F910514	Cotter Pin 5/32 x 1 1/2 Plated	2
19	F020824	Carriage Bolt 1/2 UNC x 2 1/2	2
20	F220800	Nut 1/2 UNC	2
21	H310137	Rear Platform - Short 16in. & 18in. 12 in. wide	1
	H310284	Rear Platform - Short. 24 in. 18 in. wide (made Standard)	1
22	F020612	Carriage Bolt 3/8 UNC x 1 1/4	4
23	F320600	Washer 3/8	4
24	F310600	Lockwasher 3/8	4
25	F230600	Nut 3/8 UNC	4
26	F210800	Locknut 1/2 UNC	2



ITEM NO.	PART NO.	DESCRIPTION	QTY
CANOPY ASSEMBLY & LIGHTS (STANDARD)			
1	H310164	Canopy Support (B)	1
2	H310165	Canopy Support Vertical Post (Standard)	1
	H310181	Canopy Support Vertical Post (False Piling Wall)	1
	H310301	Canopy Support Vertical Post (False Piling Wall. Tall)	1
3	H310385	Rear Spreader - Current J.D 5065E & up (Lage Muffler)	1
	H310166	Rear Spreader (Standard) - Non Current	1
4	H110768	Top Front Spreader L.H. (B) - Blue Tape	1
5	H110769	Top Front Spreader R.H. (B) - Green Tape	1
6	H110770	Front Angled member L.H. (B) - Red Tape	1
7	H110771	Front Angled member R.H. (B) - White Tape	1
8	H110772	Rear Angled Member (B) - Black Tape	1
9	H110760	Canopy Cover (Green & Yellow) - Non Current	1
	4160250	Canopy Cover (Red & Blue)	1
10	H510234	Work Light Assembly	3
	KE90038	LED Work Light - Current	3
	KE90010	Work Light - Non Current	3
	KE90014	Bulb. Work Light - 12V-55W - Non Current	3
11	KN02007	Signal Lens L.H. (John Deere)	1
12	KN02008	Signal Lens R.H. (John Deere)	1
13	H110935	90° Brace Clamp (One Half)	30
14	H510236	Wiring Harness - Work Lights & Signal Lenses	1
15	KX99107	Tie Wraps (Attaching Canopy Cover)	35
16	F020516	Carriage Bolt - 5/16 UNC x 1 3/4	16
17	F210500	Nyloc Nut 5/16 UNC	16
18	F040820	Bolt - 1/2 UNC x 2.00 GR. 8	8
19	F230800	Hex Nut - 1/2 UNC	8
20	F040714	Bolt - 7/16 UNC x 1.5 GR.8	9
21	F220700	Jam Nut - 7/16 UNC	9
22	F320700	USS Washer - 7/16 (1.25 O.D. x 0.50 I.D.)	18
23	H310162	Canopy Frame Cross Brace	1
24	H110761	Canopy Frame Cross Brace Front & Rear	2
25	H110762	Canopy Frame Cross Brace	4
26	H110219	Frame - Rear Straight	1
27	H110220	Frame - Front Corner L.H.	1
28	H110221	Frame - Front Corner R.H.	1
29	H110723	Frame - Rear Corner L.H.	1
30	H110724	Frame - Rear Corner R.H.	1
31	F700204	Screw #10 Self Tap Pan Hd. Phil. St. Stl.	5
32	F310800	Lockwasher 1/2	8
33	F320800	Washer 1/2	16
34	G0108065	Bolt - M8 x 1.25 x 65 (metric) (John Deere)	2



ITEM NO.	PART NO.	DESCRIPTION	QTY
PANELS AND FENDERS - JOHN DEERE			
*1	KX30020	Tractor Mount Rear Frame	1
2		Pin. Lynch 1/4	1
*3		Arm Rest	1
*4		Tractor Panel - Seat R.H.	1
*5		Tractor Panel - Seat L.H.	1
*6		Floor Panel - L.H.	1
*7		Floor Panel - R.H.	1
*8		Step Panel - Non Current	1
*9		Fender Front - L.H.	1
*10		Fender Front - R.H.	1
11	H310116	False Piling Wall	A/R
	H310116-40	False Piling Wall 40 (Option)	A/R
12	H310041	Pallet Hanger	2
13	H310053	Pallet Platform (Accessory)	1
14	KB52418	Bushing	2
15	F041240	Bolt 3/4 unc x 4 Gr.8	2
16	F211200	Locknut 3/4 unc	2
17	H310067	Right Rear Fender w/ Platform	1
18	H310220	Standing Platform. Hinged (Roll)	1
	H310221	Standing Platform. Hinged (Slab)	1
	H310390	20 x 36 in. Standing Platform. (Hi-Floatation Tires)	1
19	H310148	Hinge Pin	2
20	F910514	Cotter Pin 5/32 x 1 1/2	2
*21		Driver Step	1
*22		Mid-Frame	1
*23		Side Beam - L.H.	1
*24		Side Beam - R.H.	1
25	F910400	Safety Lock Pin	2
26	F020824	Carriage Bolt 1/2 unc x 2 1/2	2
27	F220800	Jam Nut 1/2 unc	2
28	F210800	Locknut 1/2 unc	2
29	H310112	Grab Handle	2
30	G311000	Lockwasher M10	4
31	G0710025	Bolt M10 x 1.25 x 25	4
32	G321000	Washer M10	4
33	F210500	Locknut 5/16 unc	2
34	H301014	Beam Extension - 16 & 18 in.	1
	H301047	Beam Extension - 24 in.	1
	H301251	Beam Extension - 16 & 18 in. (Hi-Floatation Tires)	1
35	F0412120	Bolt 3/4 unc x 12 Gr.8	2
36	F321200	Washer 3/4	4
37	F311200	Lockwasher 3/4	2
38	F231200	Nut 3/4 unc	2
39	F040522	Bolt 5/16 unc x 2 1/4 Gr.8	1
40	H301168	Beam Extension - 24 in 2200 Model	1
41	H110332	Latch. Pallet Platform	1
42	H310049	Fender Rear - L.H.	1

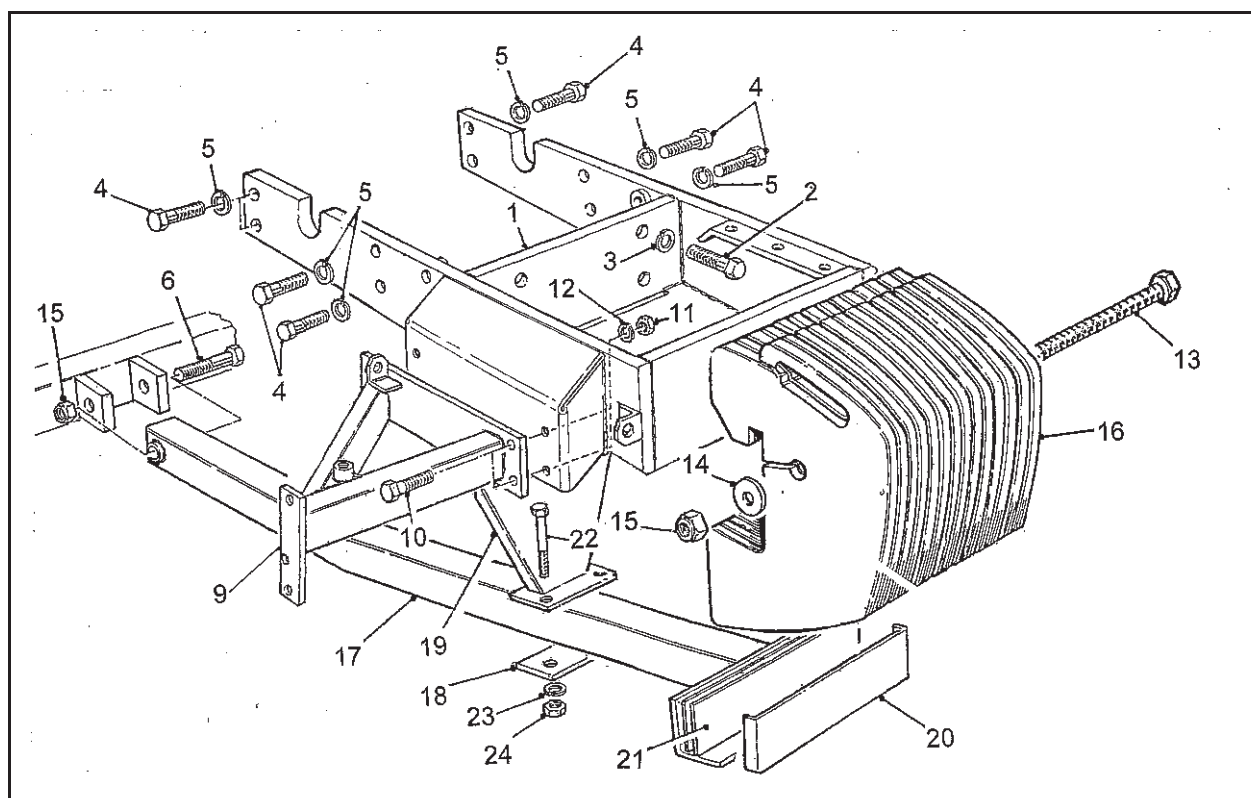
PANELS & FENDERS - JOHN DEERE CHART

ITEM NO.	DESCRIPTION	5225	5065E (Small Muffler)	5065 TIER IV (Large Muffler)	5065 TIER IV.1
1	Rear Frame	H310265	H310327	H310327	H310327
3	Arm Rest	H110309	H110309	H110309	H111572
4	Tractor Panel R.H.	H111158	H111387	H111510	H111593
5	Tractor Panel L.H.	H111159	H111382	H111509	H111594
6	Floor Panel R.H.	H111149	H111384	H111504	H111589
7	Floor Panel L.H.	H111150	H111385	H111505	H111590
8	Step Panel	H111161	H110444	H111548	Not Required
9	Fender Front L.H.	H310267	H310267	H310267	H310407
10	Fender Front R.H.	H310268	H310268	H310268	H310408
21	Driver Step	H310260	H310030	H310030	Not Required
22	Mid-Frame	H310257	H310089	H310377	H310409
23	Side Beam L.H.	H310258	H310032	H310032	H310405
24	Side Beam R.H.	H310259	H310328	H310328	H310406

ITEM NO.	PART NO.	DESCRIPTION	QTY
		PRIMARY & HALF WEIGHT MOUNTING. FRONT MOUNT TANK John Deere - 5225 & 5065. 2WD & 4WD	
*1		Weight Mount - John Deere	1
2	G0112070	Bolt. M20 x 2.5 x 70 (Metric)	4
3	G312000	Lockwasher M20	4
4	G0116055	Bolt. M16 x 2.0 x 55 (Metric)	12
5	G311600	Lockwasher M16	12
6	F041250	Bolt 3/4 unc x 5 Gr.8	1
9	H310134	Spring Column Mount - Auto-Steer	1
10	F040814	Bolt 1/2 unc x 1 1/2 GR. 8	4
11	F230800	Nut 1/2 unc	4
12	F310800	Lockwasher	4
13	H310109	Clamping Bolt	1
14	F331200	Flatwasher 3/4 SAE	2
15	F211200	Locknut 3/4 unc	1
16	H310167	Primary Weight with Bracket	1
*17		Compression Tube	1
18	H110728	Clamp Plate	1
*19		Hanger Bracket	1
20	H110748	Top Shim. Primary Weight	1
21	H110752	Shim. Primary Weight	A/R
22	F040644	Bolt 3/8 unc x 4 1/2 Gr.8	2
23	F310600	Lockwasher 3/8	2
24	F230600	Nut 3/8 unc	2
23	F310600	Lockwasher 3/8	2
24	F230600	Nut 3/8 unc	2

NOTE

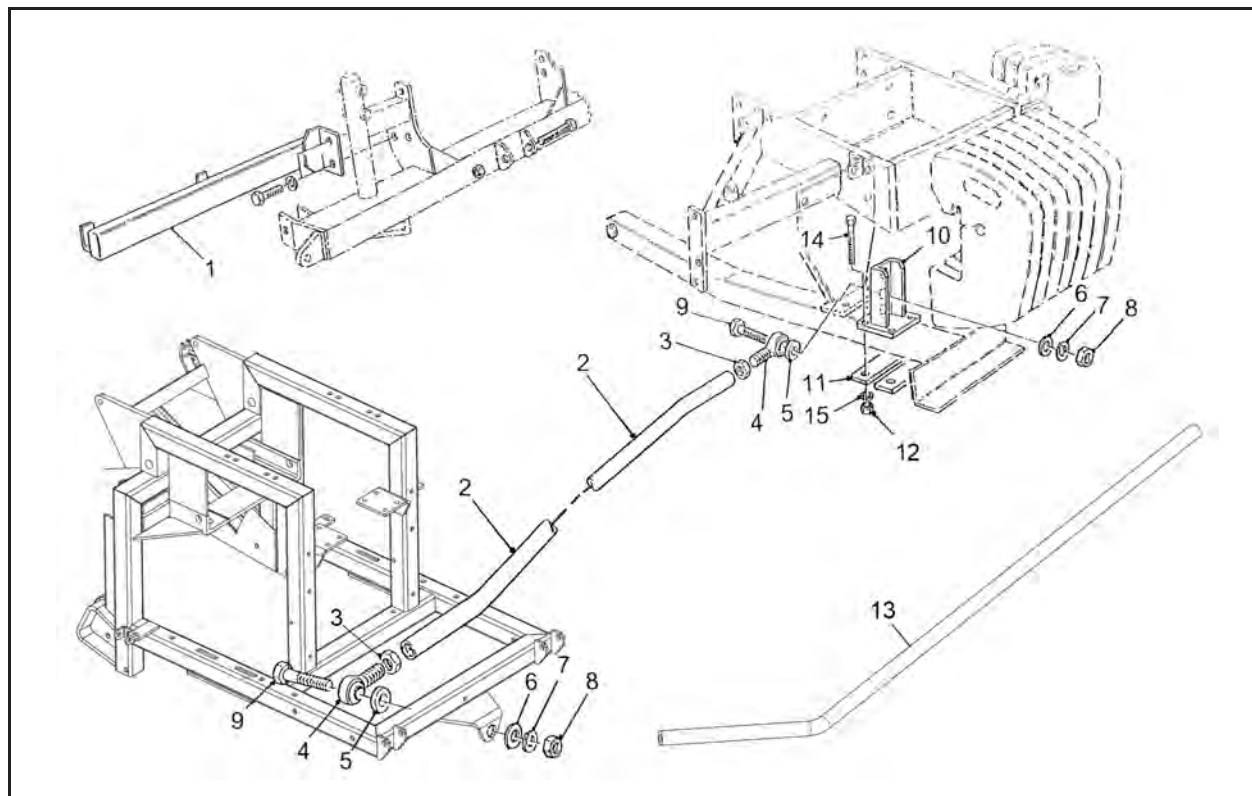
Item 25. Head Weight Clamp
Assembly - H500334 contains:
H300239 - Tie Rod
H300240 - Wing Nut
H100634 - Washer

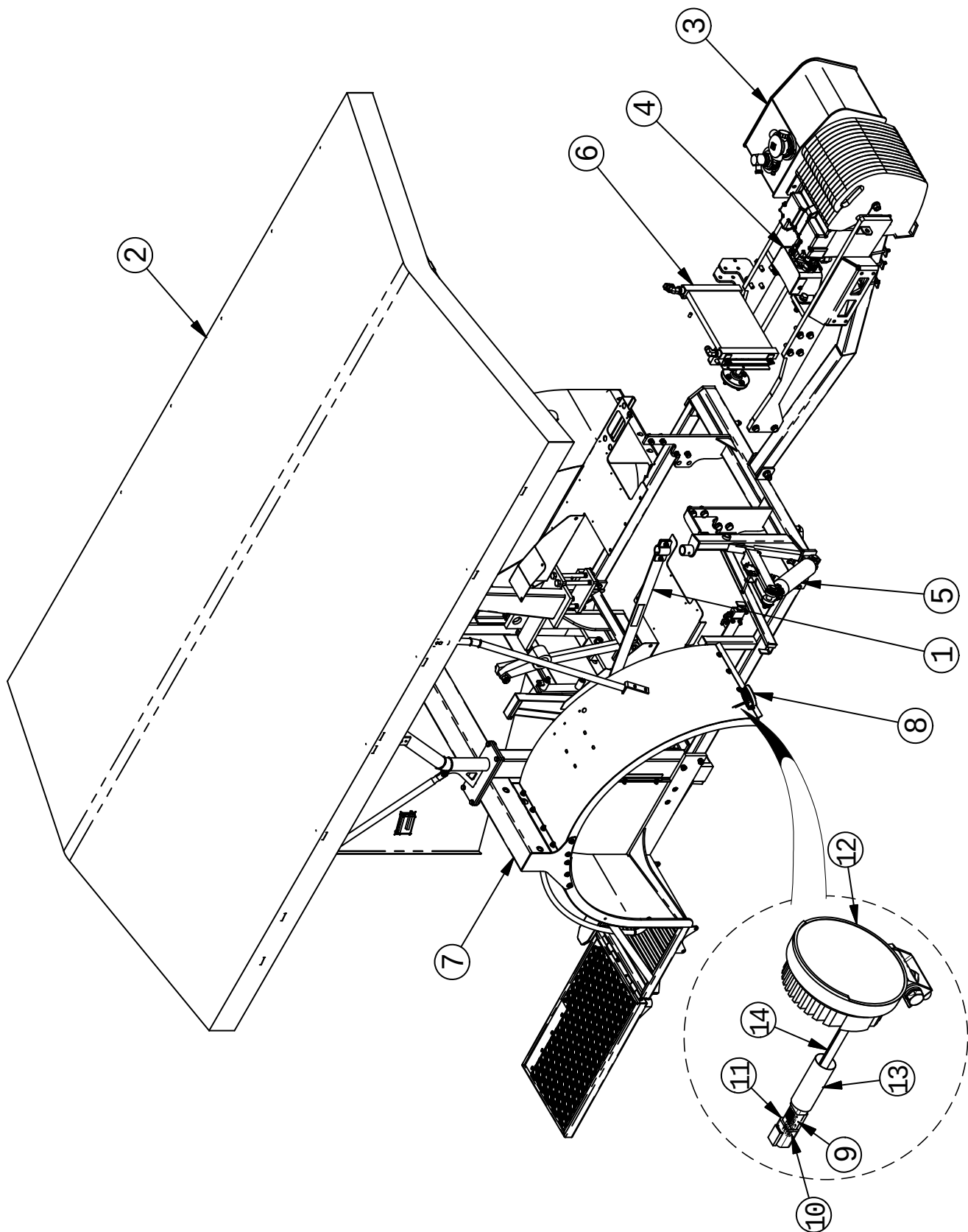


PRIMARY & HALF WEIGHT MOUNTING - JOHN DEERE 5225 & UP

ITEM NO.	DESCRIPTION	5225	5065E (Small Muffler)	5065 TIER IV & TIER IV.1 (Large Muffler)
1	Weight Mount	H310261	H310318 (Side Member 50 3/8 LG.)	H310375 (Side Member 57 5/8 LG.)
17	Compression Tube 2WD	H310263	H310322	H310383
	Compression Tube 4WD	H310289	H310337	H310383
19	Hanger Brkt. 2WD	H310262	H310321	Not Required
	Hanger Brkt. 4WD	H310290	H310336	H310336

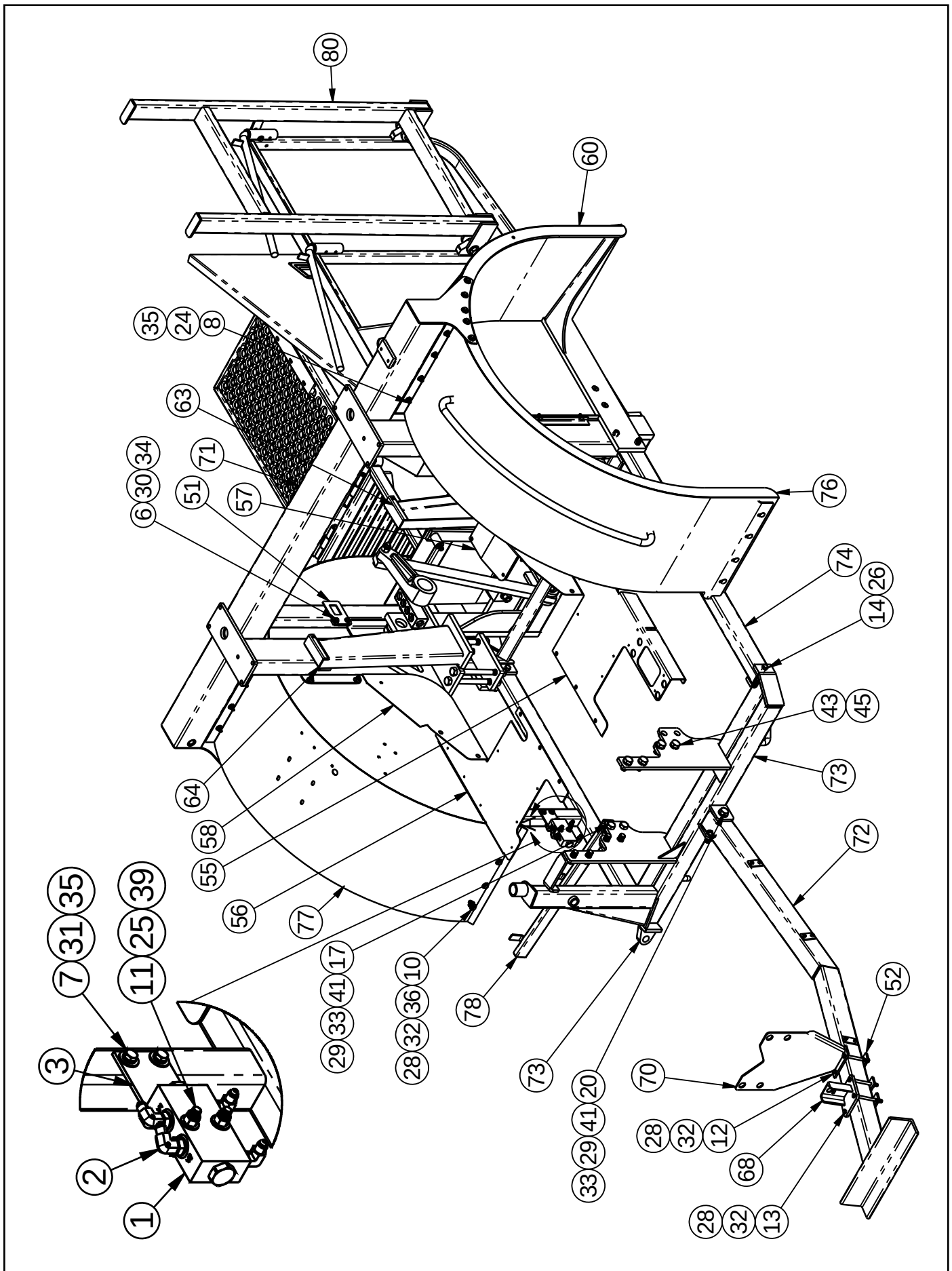
ITEM NO.	PART NO.	DESCRIPTION	QTY
TIE ROD & HOSE SUPPORT JOHN DEERE			
1	H310128	Hose Support Beam Weldment J.D.	1
2	H100295	Front Tie Rod	1
	H111164	Front Tie Rod (16/18 Hi Floatation Tires)	1
3	F221250	Jam Nut 3/4 UNF	2
4	CM00121	Rod End - Male 3/4 UNF. R.H.	2
5	M100041	Spacer	2
6	F321200	Washer 3/4	2
7	F311200	Lockwasher 3/4	2
8	F231200	Nut 3/4 UNC	2
9	F041224	Bolt 3/4 UNC x 2 1/2 GR. 8	2
10	F071220	Bolt 3/4 UNF x 2	1
11	H100517	Front Tie Rod. 2200 (16, 18 & 24 in.) 2WD	1
	H100516	Front Tie Rod. 2200 (16, 18 & 24 in.) 4WD	1
12	F230600	Nut 3/8 UNC	4
13	H100673	Track Rod 16/18 in.	1
	H100674	Track Rod 24 in.	1
14	F010644	Bolt 3/8 UNC x 4 1/2	1
15	F310600	Lockwasher 3/8	1





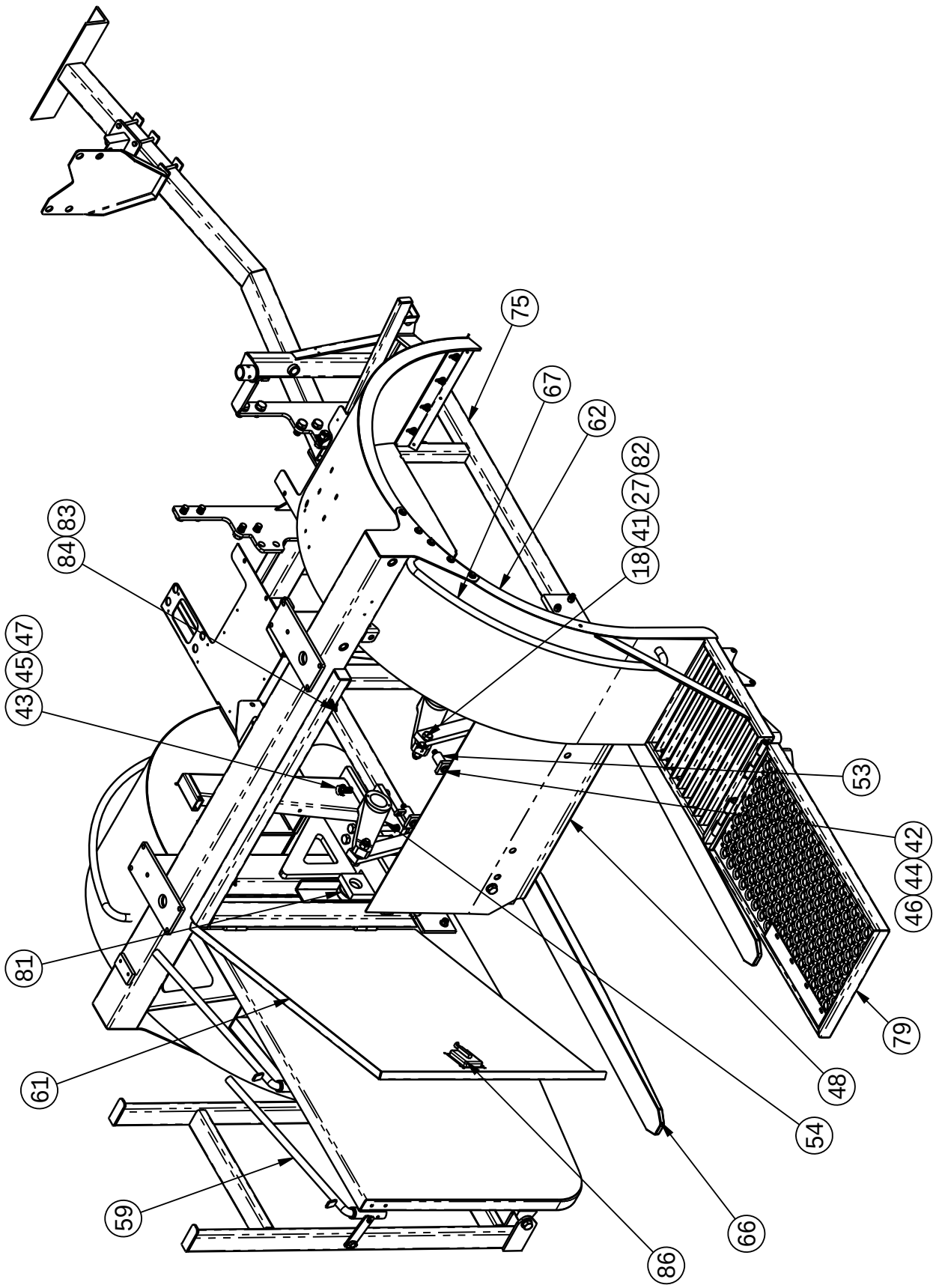
Brouwer 1580 Sod Harvester JD Tractor 5065E Tier IV Assemblies

ITEM NO.	PART NO.	QTY	DESCRIPTION
1	H510121	1	WARNING BAR OPERATOR COMPARTMENT 30" (SEE PG. 2-23)
2	H510167	1	CANOPY & LIGHTS STANDARD ASSEMBLY (SEE PG. 2-05)
3	H510271	1	FRONT BRACKET W/WEIGHTS & HYDRAULIC TANK JD TIER 4 (SEE PG. 2-21)
4	H510274	1	PUMP & DRIVE JD TIER IV ASSEMBLY (SEE PG. 3-03)
5	H510284	1	HEAD LIFT CYLINDER & LOCK 5065E TIER IV ASSEMBLY (SEE PG. 1-23)
6	H510302	1	JD 5065E TIER 4.1 COOLER ASSEMBLY (SEE PG. 3-11)
7	H510305	1	STRUCTURAL BEAMS & PANELS BROUWER JD 5065E TIER 4.1 (SEE PGS. 2-15-2-19)
8	H510312	1	WORK LIGHT C/W DEUTSCH RECEPTACLE
9	KE30005	2	DEUTSCH SOLID PIN 16, 18, 20 AWG
10	KE30031	1	WEDGE LOCK 2 CONTACT RECEPTACLE
11	KE30059	1	DT RECEPTACLE 2 PIN
12	KE90038	1	LED WORK LIGHT
13	Q8194-002.00	1	3/4 HEAT SHRINK TUBE DBL WALL W/SEALANT BLACK
14	Q8210-006.00	1	SPLIT LOOM - 0.25 - 6" LG



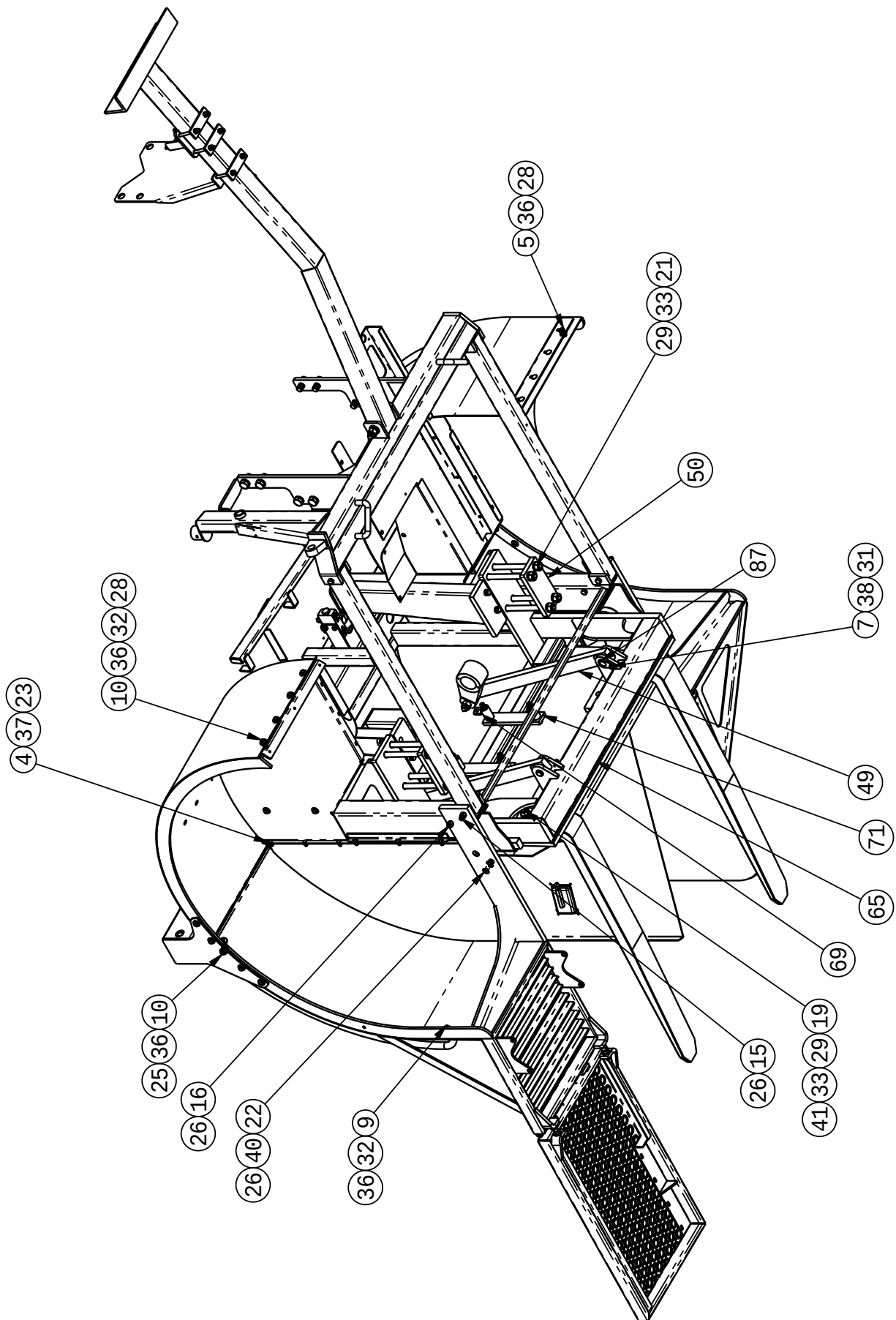
Brouwer 1580 Sod Harvester
Structural Beams & Panels Brouwer JD 5065E Tier 4.1

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	23156	1	LOAD CHECK VALVE
2	4-6-070220	4	FITTING STRAIGHT THREAD O-RING 90° ELBOW - SAE 37° FLARE-TWIN
3	4161190	1	MOUNTING BAR DEPTH CYLINDER LOAD CHECK VALVE
4	F020406	12	BOLT - 1/4 UNC x 3/4 CARRIAGE
5	F020612	4	CARRIAGE BOLT - 3/8 UNC x 1 1/4
6	F040406	2	BOLT 1/4 UNC x 3/4 Gr 8
7	F040506	4	BOLT - 5/16 UNC x 3/4 Gr 8
8	F040512	8	BOLT - 5/16 -18 UNC x 1 1/4 Gr 8
9	F040606	4	BOLT 3/8 UNC X 3/4 Gr 8
10	F040612	18	BOLT - 3/8 UNC x 1 1/4 Gr 8
11	F040622	2	BOLT - 3/8 UNC x 2 1/4 Gr 8
12	F040640	2	BOLT - 3/8 UNC x 4.0 Gr 8
13	F040644	4	3/8 UNC X 4-1/2 HEX BOLT
14	F040840	2	HEX HD BOLT - 1/2-13 UNC x 4.0 GR 8
15	F040844	2	HEX HD BOLT - 1/2-13 UNC x 4-1/2 GR 8
16	F040846	2	HEX BOLT - 1/2 UNC x 4.75 LG. GR 8
17	F041220	2	HEX BOLT - 3/4 UNC x 2.00 GR 8
18	F041234	2	HEX BOLT 3/4 -10 UNC x 3.75 LG. GR 8
19	F041244	2	BOLT-3/4 UNC X 4 1/2 GR 8
20	F041260	1	HEX BOLT 3/4-10 UNC x 6 LG. GR. 8
21	F041290	8	3/4 N.C. X 9 LG. GR 8 HEX HED CAP SC.
22	F120820	4	FLAT HEAD HEX SOCKET 1/2 UNC x 2.00 LG.
23	F210400	12	1/4-20 UNC NYLOC NUT
24	F210500	8	NUT-5/16 UNC NYLOC
25	F210600	16	HEX LOCK NUT - 3/8 -16 UNC
26	F210800	10	NUT-1/2 UNC NYLOC
27	F211200	2	NYLOC NUT 3/4 UNC
28	F230600	14	NUT - 3/8-16
29	F231200	13	HEX NUT - 3/4 UNC
30	F310400	2	WASHER - 1/4 LOCK
31	F310500	4	LOCK WASHER - 5/16
32	F310600	18	LOCK WASHER - 3/8
33	F311200	13	LOCK WASHER - 3/4
34	F320400	2	WASHER-1/4
35	F320500	18	FLAT WASHER - 5/16
36	F320600	44	FLAT WASHER - 3/8



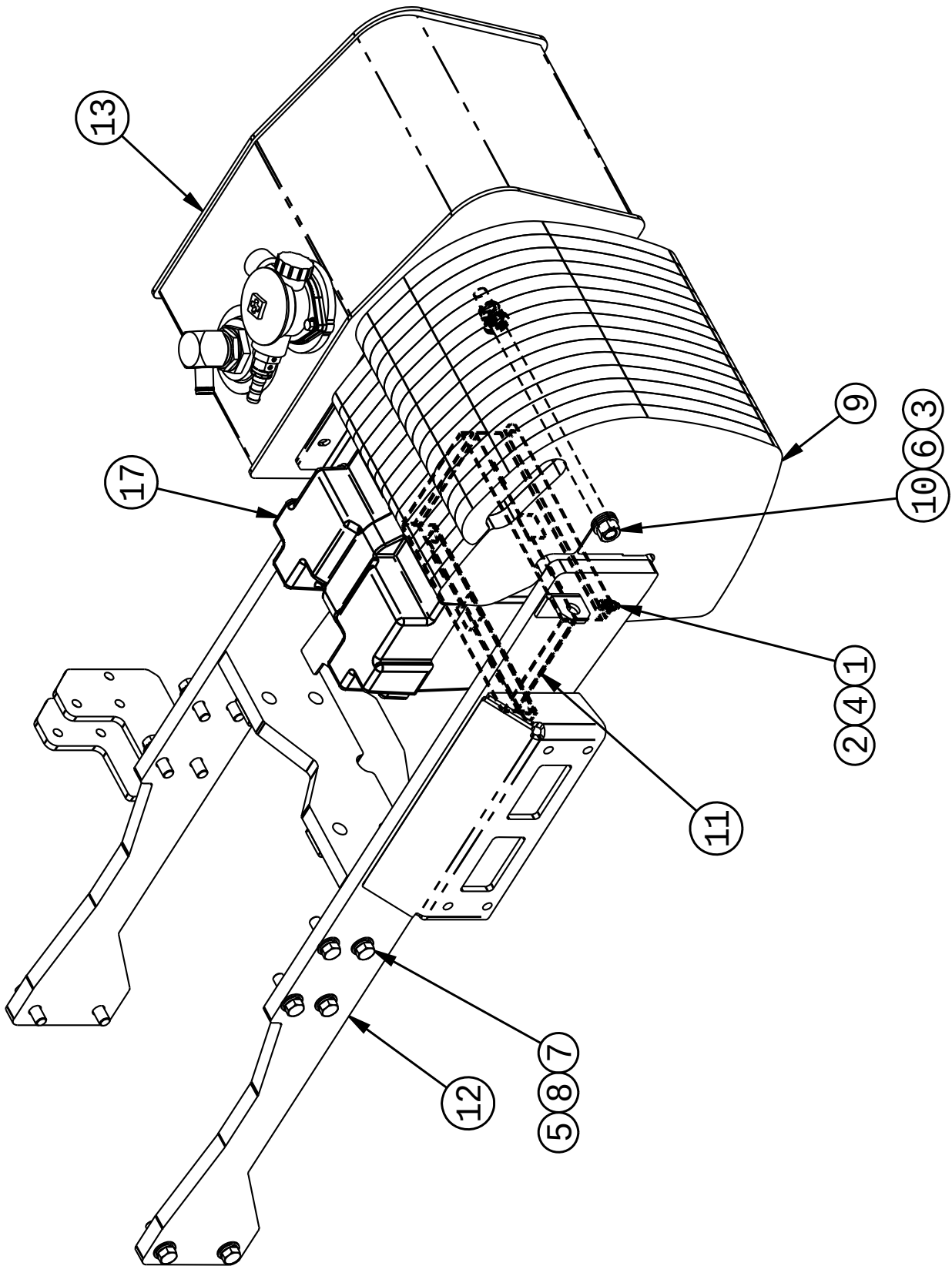
Brouwer 1580 Sod Harvester
Structural Beams & Panels Brouwer JD 5065E Tier 4.1

ITEM NO.	PART NO.	QTY.	DESCRIPTION
37	F330400	12	1/4 SAE FLAT WASHER
38	F330500	2	5/16 SAE WASHER
39	F330600	2	FLAT WASHER SAE 3/8
40	F330800	4	1/2 SAE FLAT WASHER
41	F331200	12	SAE FLAT WASHER - 3/4 IN.
42	G0414080	4	HEX BOLT - M14 x 2.0 x 90 LG. GR 10.9
43	G0420040	12	BOLT-M20 X 2.5 x 40 GR 10.9
44	G311400	4	LOCK WASHER - M14
45	G312000	12	WASHER-M20 LOCK
46	G3214000	4	M14 WASHER
47	G322008	4	WASHER-M20 HARDENED ZNC
48	H110087	1	FORK SHIELD HARVESTER
49	H110476	2	LIFT LINK JD 5065E
50	H110486	2	REAR BEAM MOUNTING BAR JOHN DEERE
51	H110725	1	DOOR LATCH CATCH HARVESTER
52	H110728	3	CLAMP PLATE
53	H111206	3	SPACER TUBE REAR WALL JOHN DEERE 5225
54	H111491	2	LIFT ARM MODIFICATION JD
55	H111589	1	LH FLOOR PLATE - JD 5065E TIER 4.1
56	H111590	1	RH FLOOR PLATE - JD 5065E TIER 4.1
57	H111593	1	LH CHASSIS FILLER PANEL - JD 5065E TIER 4.1
58	H111594	1	RH CHASSIS FILLER PANEL - JD 5065E TIER 4.1
59	H310041	2	PALLET HANGER WELDMENT- OPTIONAL
60	H310049	1	REAR LEFT FENDER W/A
61	H310066	1	REAR DOOR WELDMENT
62	H310067	1	RIGHT REAR FENDER C/W PLATFORM
63	H310083	1	GAS TANK TOWER WELDMENT 5210 & 5065E LH
64	H310084	1	GAS TANK TOWER WELDMENT 5210 & 5065E RH
65	H310088	1	FORK FRAME JOHN DEERE HARVESTER
66	H310107	2	Y2K FORK - 46"
67	H310112	2	GRAB HANDLE WELDMENT
68	H310124	1	MOUNT FRONT TRACK BAR NH
69	H310278	1	DRAUGHT LINK ANCHOR & REAR FRAME SPACER J.D. 5225
70	H310336	1	HANGER BRACKET WELDMENT J.D. 5065E 4WD
71	H310365	1	BROUWER REAR FRAME TRACTOR MOUNT J. D. 5065E
72	H310383	1	COMPRESSION TUBE WELDMENT J.D. 5065E TIER IV



Brouwer 1580 Sod Harvester
Structural Beams & Panels Brouwer JD 5065E Tier 4.1

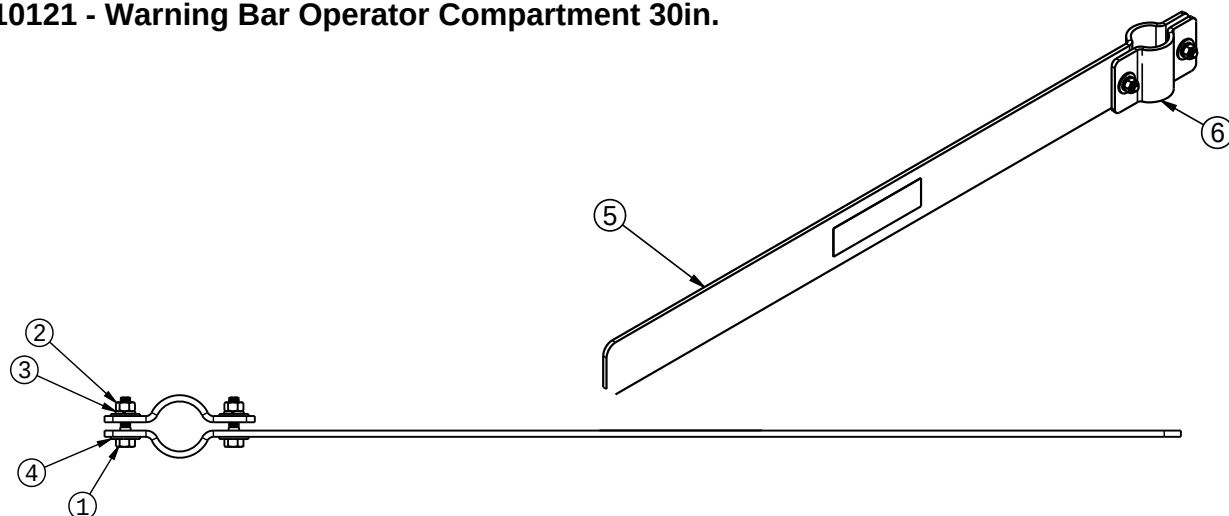
ITEM NO.	PART NO.	QTY.	DESCRIPTION
73	H310404	1	COMMON MID FRAME JD5065E TIER 4.1
74	H310405	1	LEFT SIDE BEAM - JD 5065E TIER 4.1
75	H310406	1	RIGHT SIDE BEAM JD 5065E TIER 4.1
76	H310407	1	FRONT LEFT FENDER - JD5065E TIER 4.1
77	H310408	1	FRONT RIGHT FENDER - JD5065E TIER 4.1
78	H310415	1	HOSE SUPPORT BEAM 1570, 1580 WELDMENT
79	H500453	1	STANDING PLATFORM HINGED 24 IN. SLABBER ASSEMBLY - OPTIONAL
80	H510016	1	FOLD DOWN PALLET PLATFORM ASSEMBLY - OPTIONAL
81	KB10001	4	COMBINATION BEARING ROLLER
82	KB11214	2	BUSHING IGUS 0.875 x 0.75 x 1.00
83	KH01128	2	HOSE END - 1/8 NPT
84	KM11492	2	GREASE FITTING - 1/8 NPT FEMALE
85	KM99060	1	SMV EMBLEM
86	KX50001	1	PADDLE HANDLE
87	T300149	2	PIVOT PIN



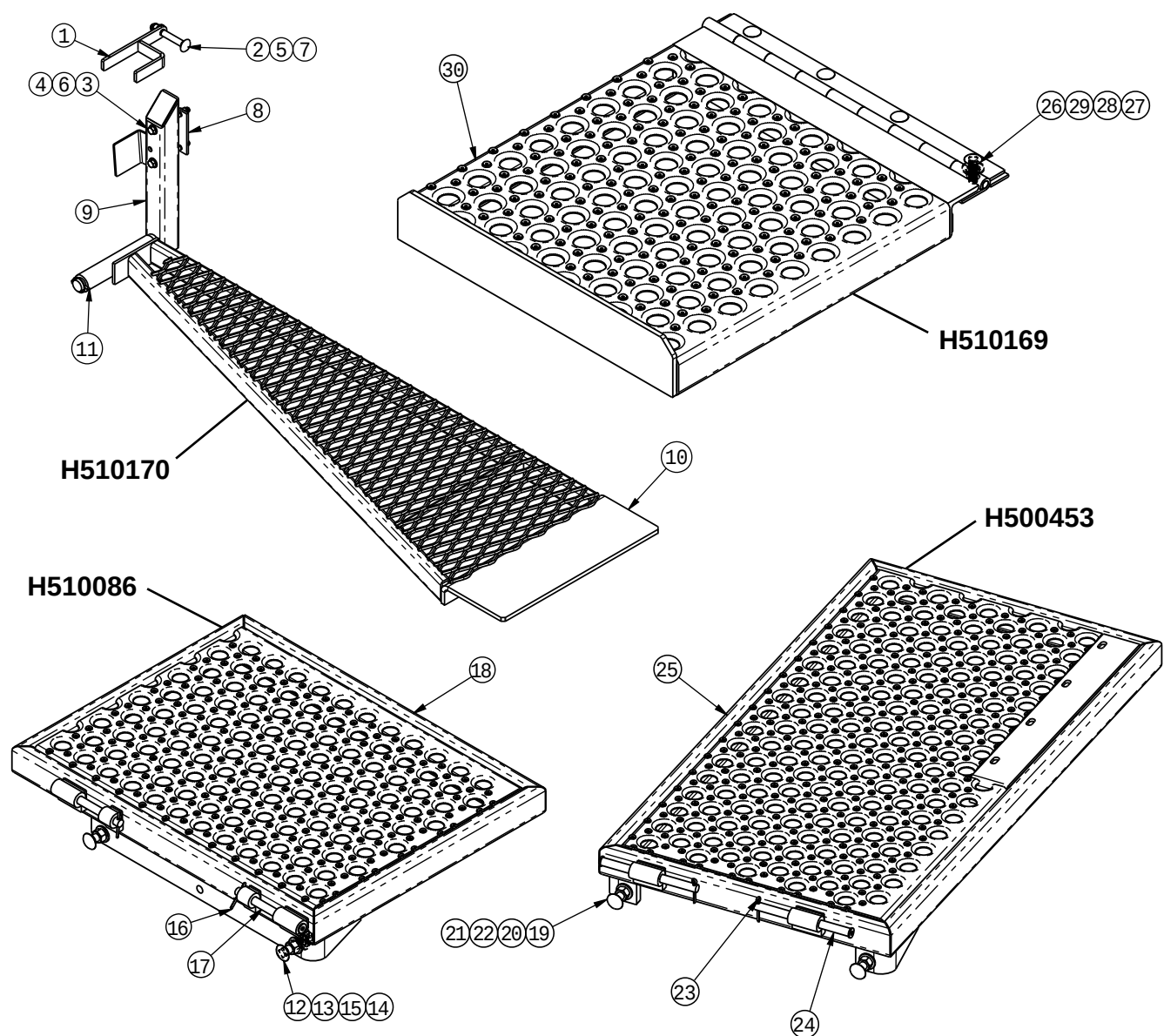
Brouwer 1580 Sod Harvester
Front Bracket, Weights & Hydraulic Tank JD Tier IV

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	F040510	4	HEX BOLT - 5/16 - 18 UNC x 1.0 LG. GR. 8
2	F210500	4	NUT-5/16 UNC NYLOC
3	F211200	1	NYLOC NUT 3/4 UNC
4	F330500	4	5/16 SAE WASHER
5	F331000	12	FLAT WASHER SAE 5/8 IN.
6	F331200	6	SAE FLAT WASHER - 3/4 IN.
7	G0416055	12	HEX BOLT M16 X 2.00 x 55 mm LG. GR 10.9
8	G311600	12	WASHER-M16 LOCK
9	H110214	15	PRIMARY WEIGHT HARVESTER
10	H310109	1	CLAMPING BOLT WELDMENT 15 OR 16 WEIGHTS
11	H310248	1	BATTERY TRAY WELDMENT
12	H310375	1	WEIGHT BRACKET JOHN DEERE 5065E TIER IV
13	H510035	1	HYDRAULIC TANK ASSEMBLY (SEE PG. 3-11)
14	H510282	1	STARTER BATTERY CABLE JD 5065E TIER IV ASSEMBLY - NOT SHOWN
15	H510283	1	AUXILAIRY BATTERY CABLE ASSEMBLY - NOT SHOWN
16	H510292	1	GROUND BATTERY CABLE JD TIER IV ASSEMBLY - NOT SHOWN
17	KM00007	1	BATTERY BOX

H510121 - Warning Bar Operator Compartment 30in.



Standing Platform Assemblies



Brouwer 1580 Sod Harvester Warning Bar & Platform Assemblies

H510121 - Warning Bar Operator Compartment 30in.

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	F040512	2	BOLT - 5/16 -18 UNC x 1 1/4 Gr 8
2	F230500	2	HEX NUT - 5/16-18 UNC
3	F310500	2	LOCK WASHER - 5/16
4	F320500	4	FLAT WASHER - 5/16
5	H111192	1	WARNING BAR OPERATOR COMPARTMENT 30"
6	H111193	1	CLAMP BAR

H510170 - Long Secondary RR Platform Slabber

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	6109482	1	PILING PLATFORM LATCH WELDMENT
2	F020850	1	CARRIAGE BOLT - 1/2 - 13 UNC X 5.00 LG.
3	F040640	2	BOLT - 3/8 UNC x 4.0 Gr 8
4	F210600	2	HEX LOCK NUT - 3/8 -16 UNC
5	F210800	1	NUT-1/2 UNC NYLOC
6	F330600	4	FLAT WASHER SAE 3/8
7	F330800	1	1/2 SAE FLAT WASHER
8	H110536	1	BACKING PLATE REAR PLATFORM PIVOT BRACKET
9	H310098	1	REAR PLATFORM PIVOT BRACKET
10	H310329	1	PLATFORM TAIL 48"
11	KX30319	1	PINS - LYNCH 3/16" x 1 9/16 PIN LENGTH

H510086 - Standard Hinged Platform

ITEM NO.	PART NO.	QTY.	DESCRIPTION
12	F020824	2	CARRIAGE BOLT - 1/2 -13 X 2.50 LG.
13	F230800	4	HEX NUT - 1/2 UNC - ZINC PLATED
14	F310800	2	LOCK WASHER - 1/2
15	F330800	4	1/2 SAE FLAT WASHER
16	F910214	2	1/8 DIA COTTER PIN BY 1 1/2 LONG
17	H310148	2	PLATFORM HINGE PIN WELDMENT 5.50 LG
18	H310220	1	STANDING PLATFORM HINGED ROLL-UP SHORT

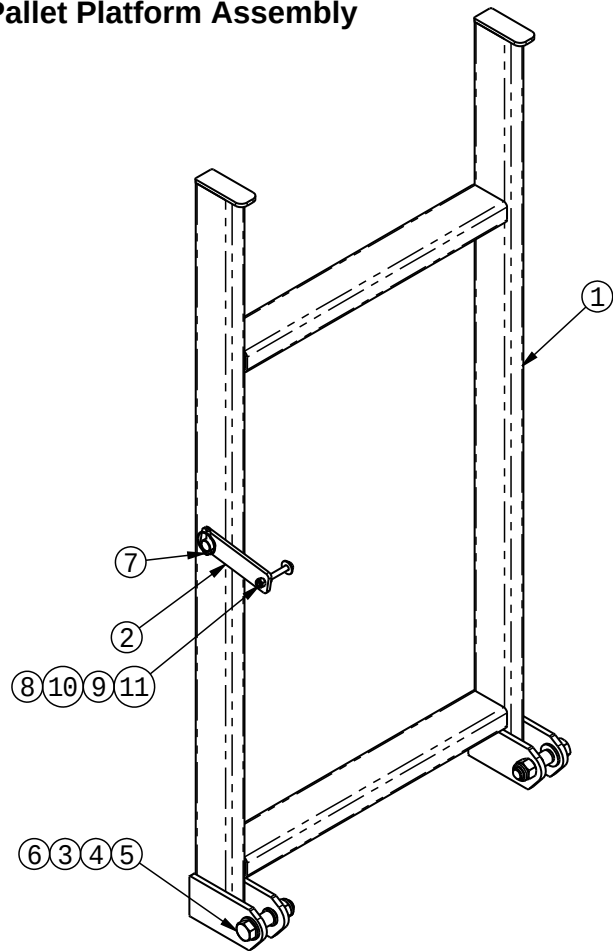
H500453 - Standing Platform Hinged 24 in. Slabber Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
19	F020824	2	CARRIAGE BOLT - 1/2 -13 X 3.00 LG.
20	F230800	4	HEX NUT - 1/2 UNC - ZINC PLATED
21	F310800	2	LOCK WASHER - 1/2
22	F330800	4	1/2 SAE FLAT WASHER
23	F910214	2	1/8 DIA COTTER PIN BY 1 1/2 LONG
24	H310122	2	SLABBER PLATFORM HINGE PIN WELDMENT
25	H310283	1	STANDING PLATFORM HINGED 24 IN. SLABBER

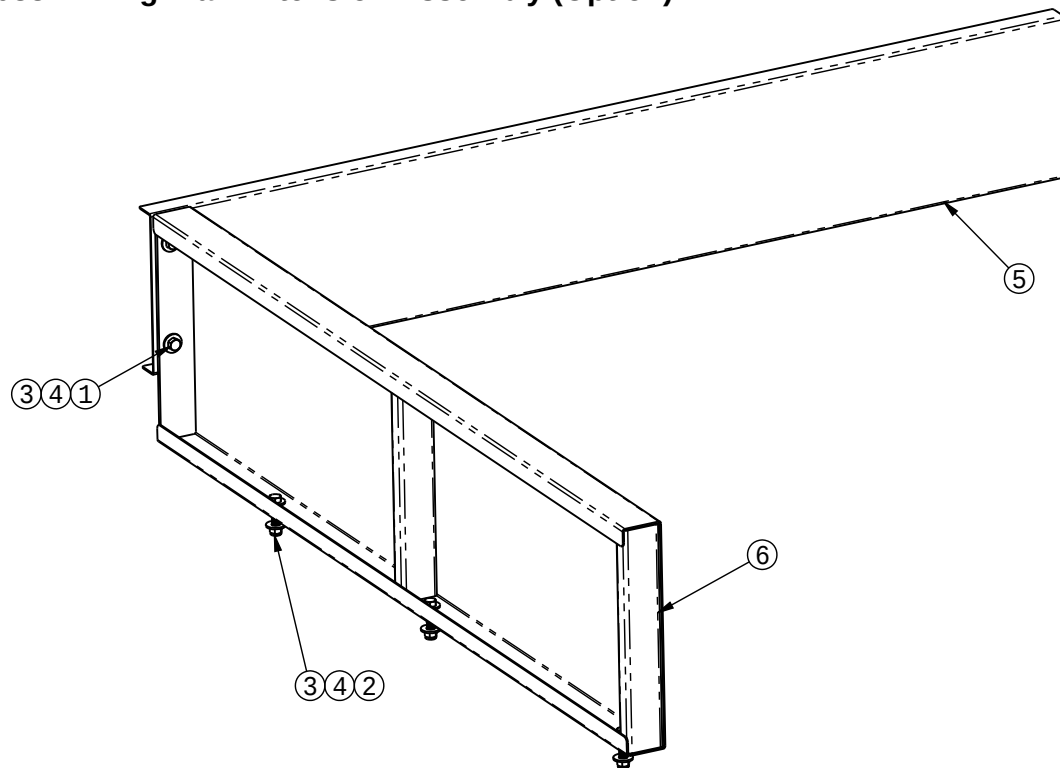
H510169 - Short Secondary RR Platform Slabber

ITEM NO.	PART NO.	QTY.	DESCRIPTION
26	F020612	4	CARRIAGE BOLT - 3/8 UNC x 1 1/4
27	F230600	4	NUT - 3/8-16
28	F310600	4	LOCK WASHER - 3/8
29	F320600	4	FLAT WASHER - 3/8
30	H310284	1	24 IN. SLABBER SECONDARY PLATFORM (HINGED)

H510016 - Fold Down Pallet Platform Assembly



H510088 - Piling Wall Extension Assembly (Option)



Brouwer 1580 Sod Harvester
Pallet Platform & Piling Wall Extension Assemblies

H510016 - Fold Down Pallet Platform Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	H310053	1	PALLET PLATFORM ACCESSORY
2	H110332	1	PALLET PLATFORM LATCH
3	KB52418	2	BUSHING NON-FRICTION 3/4 X 7/8 X 1 W/0.125 FLANGE
4	F331200	4	SAE FLAT WASHER - 3/4 IN.
5	F041234	2	HEX BOLT 3/4 -10 UNC x 3.50 LG. GR 8
6	F211200	2	NYLOC NUT 3/4 UNC
7	KX30020	1	PINS - LYNCH 1/4" x 1 9/16 PIN LENGTH
8	F320500	1	FLAT WASHER - 5/16
9	F210500	1	NUT-5/16 UNC NYLOC
10	F230500	1	HEX NUT - 5/16-18 UNC
11	F040524	1	HEX BOLT - 5/16 -18 UNC x 2 1/2 Gr 8

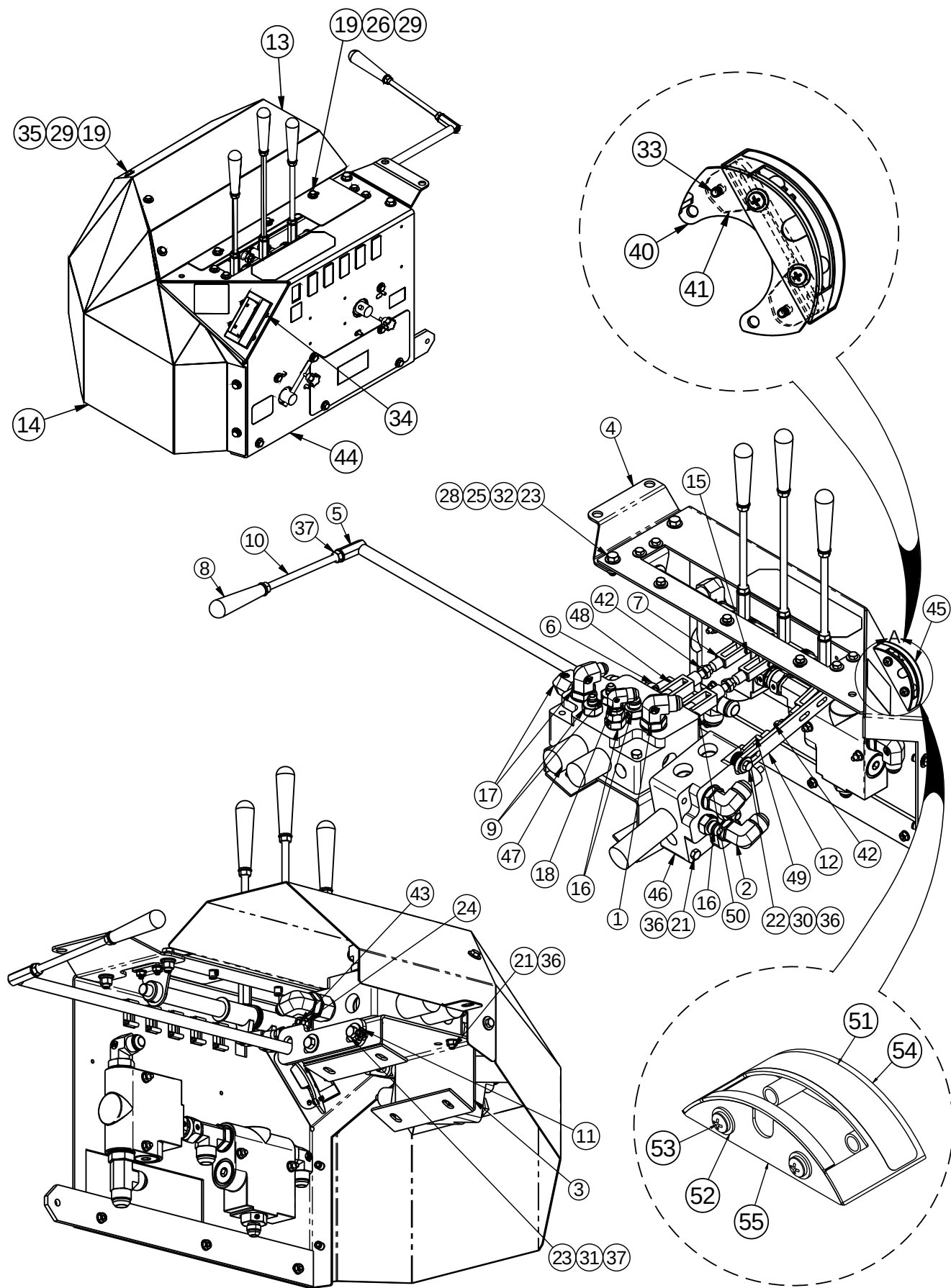
H510088 - Piling Wall Extension Assembly (Option)

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	F040610	2	BOLT - 3/8 UNC x 1.0 Gr 8
2	F040616	3	BOLT - 3/8 UNC x 1 3/4 Gr 8
3	F210600	5	HEX LOCK NUT - 3/8 -16 UNC
4	F320600	10	FLAT WASHER - 3/8
5	H310092	1	FRONT EXTENSION PILING WALL EXTENSION WELDMENT
6	H310093	1	PILING WALL SIDE EXTENSION WELDMENT

SECTION 3 HYDRAULICS

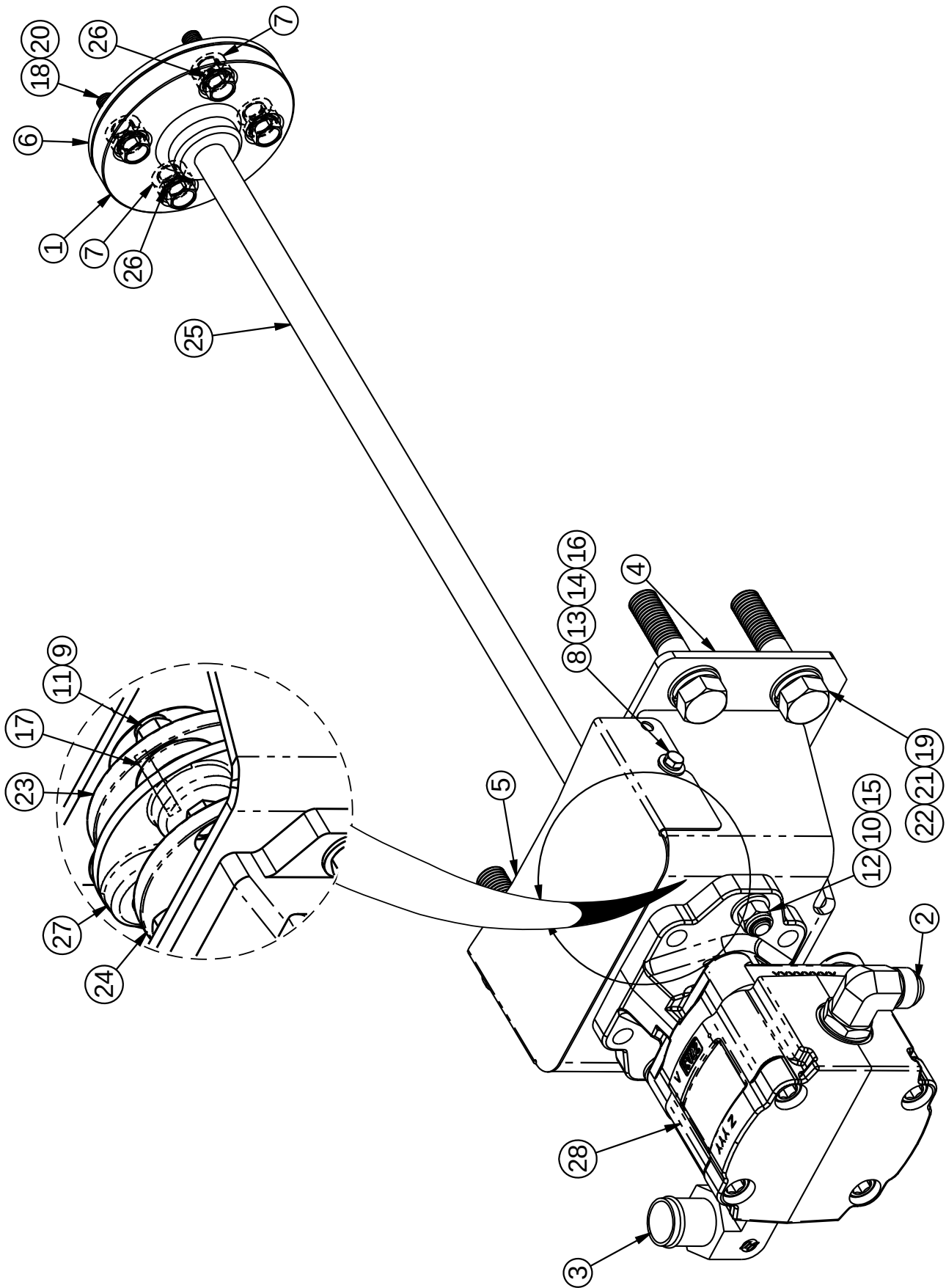
1580 Model

Hydraulic Components JD Tier IV Brouwer Assembly	3-01
Pump Drive	3-03
Hydraulic System – Slab	3-05
Hydraulic System – Roll	3-07
Control Console Sub Assembly	3-09
Hydraulic Tank & Cooler Assemblies	3-11



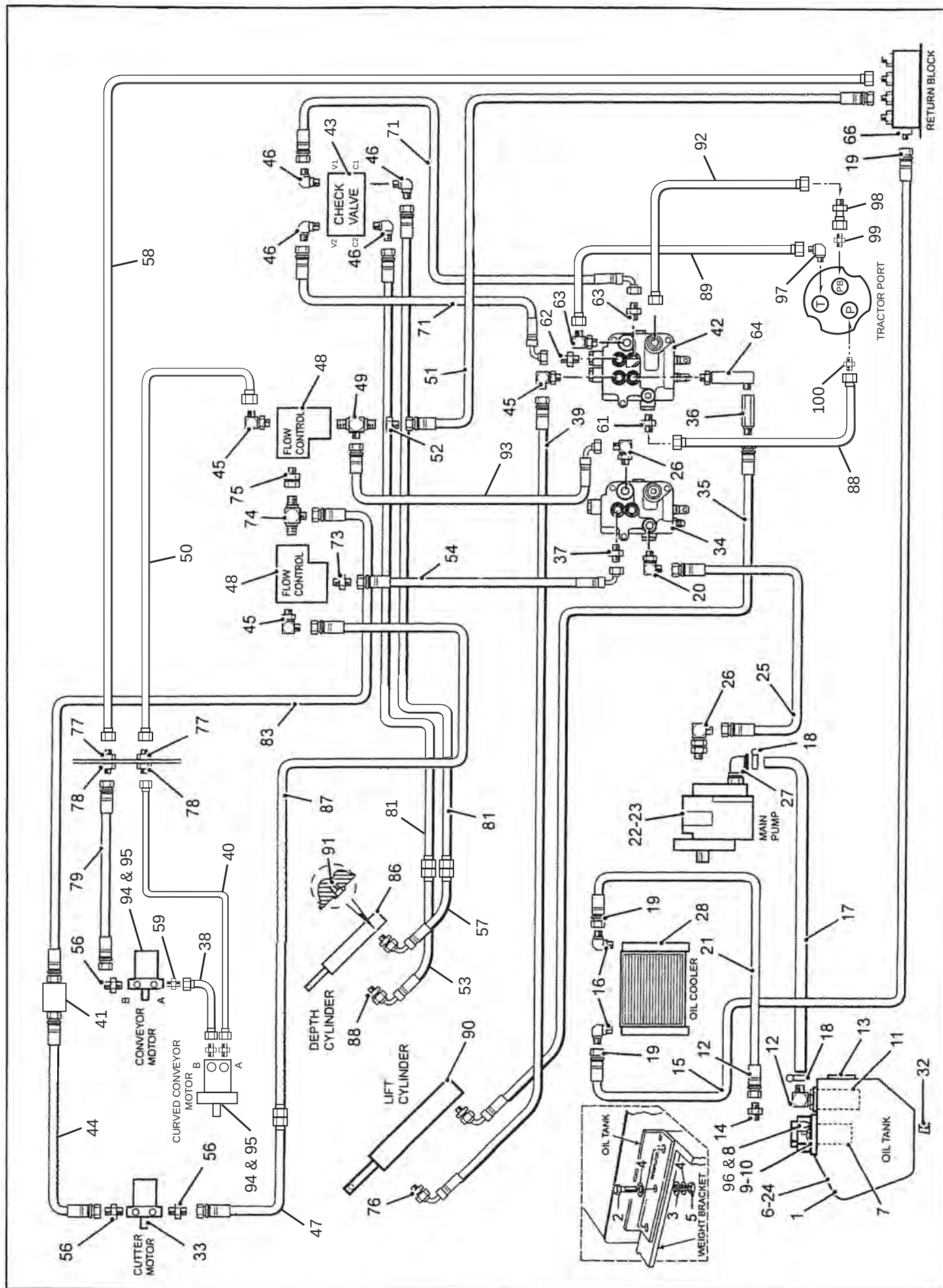
Brouwer 1580 Sod Harvester
Hydraulic Components JD Tier IV Brouwer Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	10-12-070220	1	FITTING 5/8 STRAIGHT THROUGH O-RING 90° ELBOW
2	12-12-070220	2	FITTING - STR THRD 90° ELBOW 37° FLARE - SAE ORB
3	4160767	1	MOUNT, MAIN SPOOL - NH4020 W/A
4	4160769	1	MOUNTING BRACKET - BROUWER VALVE PANEL
5	4160801	1	PIVOT, REAR DEPTH CONTROL W/A
6	43005A	1	ROD END 5/16
7	43Y0505F	3	YOKE END 5/16-24 X 5/16 PIN
8	47114	1	KNOB TAPERED
9	6-10-070120	2	FITTING - 3/8 STRAIGHT O-RING CONNECTOR - SAE 37° (JIC) FLARE-TWIN
10	6109486	1	SHORT LEVER ARM
11	6109492	1	PIVOT DEPTH CONTROL FRONT
12	6109496	1	CONTROL PANEL BRACE WELDMENT
13	6109523	1	CONTROL PANEL SHIELD
14	6109536	1	CONTROL PANEL SHIELD WELDMENT
15	6418802	3	CLEVIS PIN - 5/16 X 1.00 LG.
16	8-10-070120	4	FITTING - #10 ORB MALE TO #8 JIC MALE STRAIGHT
17	8-12-070220	2	FITTING STRAIGHT THREAD 45° ELBOW - SAE 37° FLARE TWIN
18	8-8-070221	1	FITTING - SWIVEL NUT 90° ELBOW - SAE 37° (JIC) FLARE-TWIN
19	F040406	9	BOLT 1/4 UNC x 3/4 Gr 8
20	F040510	1	HEX BOLT - 5/16 - 18 UNC x 1.0 LG. GR. 8
21	F040526	3	HEX BOLT - 5/16 - 18 UNC x 2 3/4 Gr 8
22	F040534	1	HEX BOLT - 5/16 UNC x 3.25 LG. GR 8
23	F040610	4	BOLT - 3/8 UNC x 1.0 Gr 8
24	F230500	2	HEX NUT - 5/16-18 UNC
25	F230600	2	NUT - 3/8-16
26	F310400	5	WASHER - 1/4 LOCK
27	F310500	1	LOCK WASHER - 5/16
28	F310600	2	LOCK WASHER - 3/8
29	F320400	9	WASHER-1/4
30	F320500	8	FLAT WASHER - 5/16
31	F320600	2	FLAT WASHER - 3/8
32	F330600	4	FLAT WASHER SAE 3/8
33	F580204	4	#10-24 UNC X 1/2 PHMS S.S.
34	F580210	2	10-24 X 1.00 Lg. PAN HD PHILLIPS S.S. SCREW
35	F840400	4	SERRATED FLANGE NUT - 1/4 UNC
36	F840500	4	SERRATED FLANGE NUT 5/16 UNC
37	F840600	4	SERRATED FLANGE NUT - 3/8 UNC
38	H100575	1	HOSE - COOLER OUT - NOT SHOWN
39	H100582	1	HOSE - COOLER IN - NOT SHOWN
40	H111573	1	ADAPTER PLATE - JD 5065E TIER 4.1
41	H111574	1	THROTTLE MTG BRKT - JD 5065E TIER 4.1
42	H310379	3	THEADED LINK W/A - YOULI VALVE LINKAGE
43	H310384	1	PIVOT PIN W/A BROUWER REAR DEPTH CONTROL
44	H510260	1	CONTROL CONSOLE SUB ASSEMBLY (SEE PG. 3-09)
45	H510304	1	HAND THROTTLE HOUSING JD 5065E TIER 4.1 ASSEMBLY
46	KH20285	1	SINGLE SPOOL VALVE TIER IV
47	KH20286	1	DUAL SPOOL VALVE TIER IV
48	KM81110	2	CLEVIS YOKE 10 mm
49	KM81111	1	DIN CLEVIS 10 mm
50	KX08105	2	CLEVIS PIN - 10mm X 30mm LG.
51	D001-355	1	DECAL - THROTTLE - JD 5065E TIER 4.1
52	F320200	2	WASHER - #10
53	F580204	2	#10-24 UNC X 1/2 PHMS S.S.
54	H310401	1	THROTTLE COVER W/A - JD5065E TIER 4.1
55	H310402	1	THROTTLE COVER CLOSURE - JD5065E TIER 4.1



**Brouwer 1580 Sod Harvester
Pump Drive**

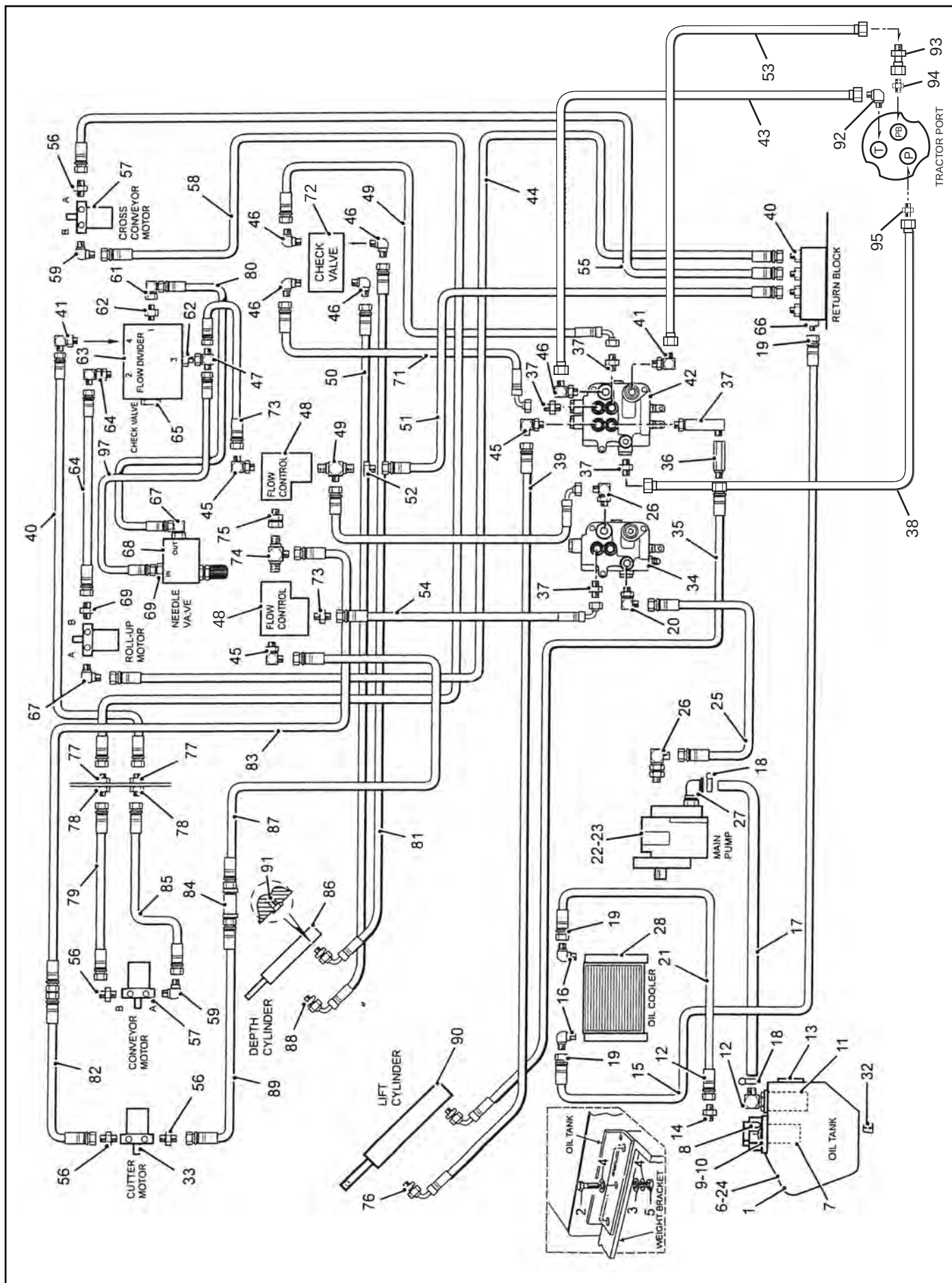
ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	002239	1	FLANGE - PUMP DRIVE CONV HARVESTER
2	12-12-070220	1	FITTING - STR THRD 90° ELBOW 37° FLARE - SAE ORB
3	20-20-430292	1	FITTING 1 1/4 X 1 1/4 - BEADED TUBE HOSE END 90°
4	4138398	1	WLDMT - MOUNT, PUMP (J.D.)
5	4139486	1	SHIELD - COUPLER J.D.
6	6109048	1	SPACER PUMP PULLEY FLANGE
7	6115068	4	INSERT NEOPRENE PUMP FLG.
8	F040406	2	BOLT 1/4 UNC x 3/4 Gr 8
9	F040724	4	BOLT - 7/16 UNC x 2.50 Gr 8
10	F040816	2	BOLT - 1/2 UNC X 1 3/4 Gr 8
11	F210708	4	HEX LOCK NUT - 7/16 UNC Gr 8
12	F210808	2	NUT-1/2 UNC NYLOC Gr 8
13	F310408	2	WASHER - 1/4 LOCK Gr 8
14	F320408	2	WASHER - 1/4 Gr 8
15	F330808	2	WASHER-1/2 SAE GR 8
16	F850400	2	RIVET NUT - 1/4 UNC (25/64 DRILL)
17	F924414	1	KEY, 0.25 X 0.25 X 1.5 LG
18	G0412045	4	BOLT-M12 X 1.75 X 45 GR 10.9
19	G0420090	4	HEX HEAD M20 x 2.50 X 90 mm LG. GR 8.8
20	G311200	4	LOCK WASHER - M12
21	G312000	4	WASHER-M20 LOCK
22	G322008	4	WASHER-M20 HARDENED ZNC
23	H111162	1	MODIFIED DRIVE HUB PUMP J.D. 5225
24	H111528	1	MODIFIED DRIVE HUB PUMP 1.00 BORE
25	H111533	1	PUMP DRIVE SHAFT JD 5065E TIER IV
26	H111535	4	PUMP FLANGE BUSHING JD 5065E TIER IV
27	KD85105	1	MORFLEX COUPLING 502-R
28	KH30040	1	HARVESTER GEAR PUMP



SOD HARVESTER

HYDRAULIC SYSTEM (SLAB)

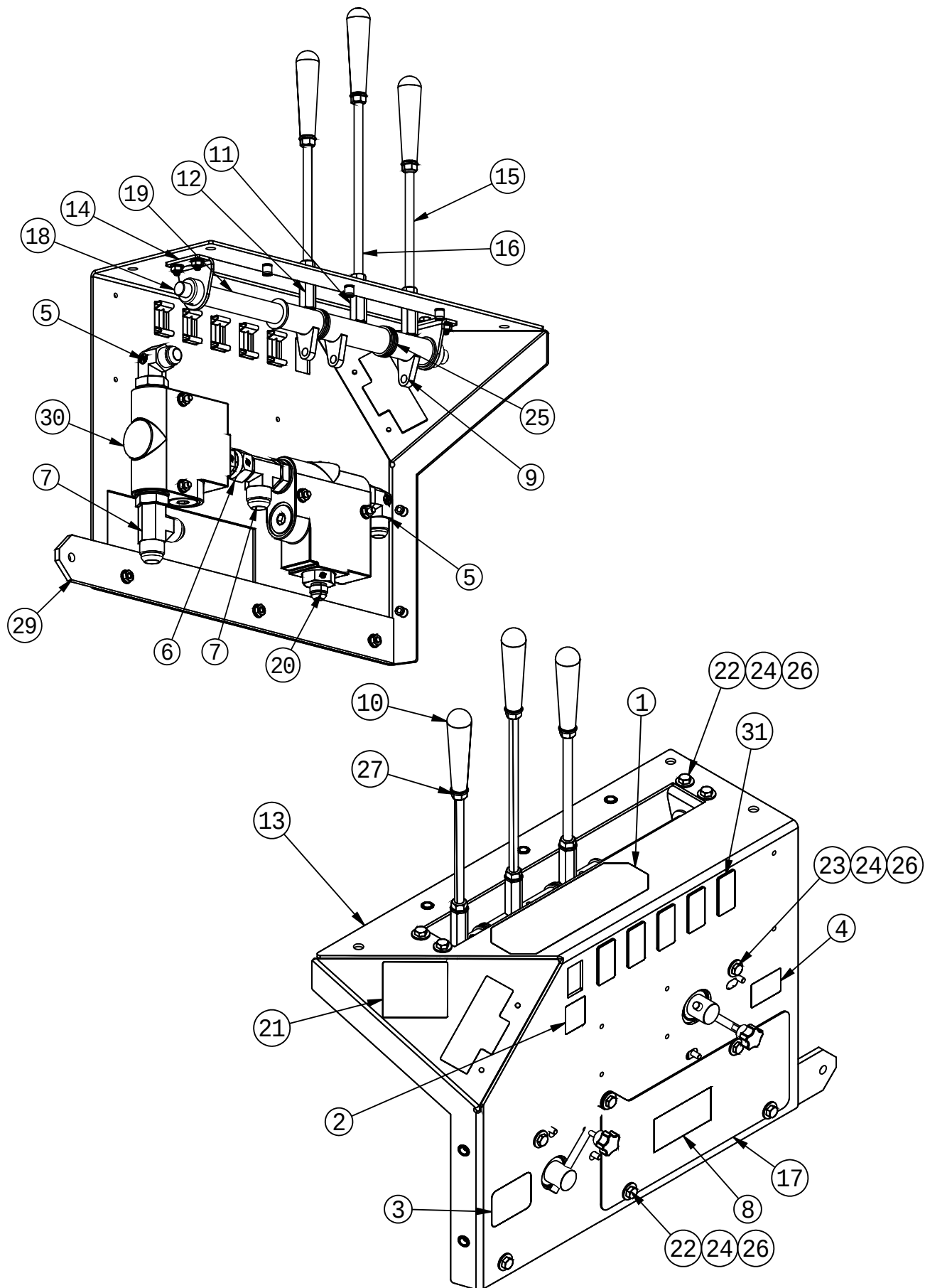
ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
32-1	H310136	HYDRAULIC TANK	1	32-52	KH01109	HOSE END- FEMALE	1
32-2	F040814	BOLT 1/2 UNC X 1 1/2 GR.8	3	32-53	H500752	HOSE. DEPTH CYLINDER	1
32-3	F320800	WASHER 1/2	3	32-54	H500749	HOSE - FLOW CONTROL	1
32-4	F310800	LOCKWASHER 1/2	3	32-56	08-10-070120	FITTING. NO. 8 TO NO. 10	5
32-5	F230800	NUT 1/2 UNC	3	32-57	H500753	HOSE. DEPTH CYLINDER	1
32-6	KH40033	RETURN FILTER/BREATHER	1	32-58	H500755	HOSE - RETURN BLOCK	1
32-7	KH40034	FILTER ELEMENT	1	32-59	08-10-070220	FITTING. NO. 8 TO NO. 10	1
32-8	KH40035	FILTER INDICATOR	1	32-61	10-10-070120	FITTING. NO. 8 TO NO. 12	1
32-9	F010512	BOLT 5/16 UNC X 1 1/4 GR.8	2	32-62	8-12-070220	FITTING. NO. 8 TO NO. 12 90 DEG.	1
32-10	F310500	LOCKWASHER 5/16	2	32-63	08-08-07120	FITTING. NO.6 TO NO.8	1
32-11	KH40020	SUCTION STRAINER	1	32-64	8-8-071620	FITTING. NO. 8 TO NO. 8 90 DEG.	1
32-12	24-24-430292	FITTING. STRGHT. THREAD	1	32-66	12-12-070120	FITTING. NO. 12 TO NO. 12	1
32-13	KH10002	SIGHT LEVEL GAUGE	1	32-71	H500695	HOSE- CHECK VALVE	2
32-14	12-16-070287	FITTING. STRGHT. THREAD	5	32-72	23-156	LOAD CHECK VALVE	1
32-15	Q8576	3/4 IN. RETURN LOW PRESURE 130 IN. LONG	1	32-74	H6122	FITTING. RUN BRANCH T	1
32-16	12-16-070102	FITTING. PIPE THREAD	2	32-75	H6190	FITTING. STRAIGHT	1
32-17	H100583	SUCTION HOSE	1	32-76	06-08-070220	FITTING. NO.6 TO NO.8	1
32-18	KM60007	HOSE CLAMP	2	32-77	08-08-070601	FITTING. BULKHEAD	2
32-19	KH01109	HOSE END. SWIVEL BARB	5	32-78	08-070118	BULKHEAD NUT	2
32-20	12-12-070221	FITTING. 3/4 SWIVEL ELBOW	1	32-79	H500510	HOSE- MAIN CONVEYOR	1
32-21	Q8576	3/4 IN. RETURN LOW PRESURE 76 IN. LONG	1	32-81	H500756	HOSE - DEPTH CYLINDER	2
32-22	KH30040	GEAR PUMP	1	32-83	H500693	HOSE - INLINE FILTER	1
32-23	KH70101	SEAL KIT. GEAR PUMP	1	32-86	KH50001	DEPTH CYLINDER	1
32-24	KH70047	SEAL KIT. FILTER	1	32-87	016344	HOSE - CUTTER MOTOR	1
32-25	H500691	HOSE ASSEMBLY	1	32-88	H500730	TRACTOR PUMP PRESSURE	1
32-26	12-12-070220	FITTING. 12-12	1	32-89	H500732	TRACTOR PUMP RETURN	1
32-27	24-20-430292	FITTING. 24-20	1	32-90	KH31005	HEAD LIFT CYLINDER	1
32-28	KH40083	OIL COOLER	1	32-91	H100129	RESTRICTOR	1
32-29	F040406	BOLT 1/4 UNC X 3/4 GR.8	4	32-92	H500731	TRACTOR PUMP PB	1
32-30	F310400	LOCKWASHER 1/4	4	32-93	Q8576	3/4 IN. RETURN LOW PRESURE 24 IN. LONG	1
32-31	F320400	WASHER 1/4	4	32-94	KH30007	CONVEYOR MOTOR	2
32-32	KH00014	HEX PIPE PLUG (MAGNETIC)	1	32-95	KH70054	SEAL KIT	2
32-33	21-099	CUTTER MOTOR	1	32-96	KH30036	BREATHER FILTER	1
32-34	KH20285	CUTTER CONTROL VALVE	1	32-97	8-18-070287	FITTING. 1/2 90 DEG. ELBOW	1
32-35	H500751	HOSE - LIFT CYLINDER	1	32-98	KH00121	FITTING. NO. 8 O RING TO JIC	1
32-36	23-073	FLOW RESTRICTOR VALVE	1	32-99	8-18-070187	FITTING. STRIAGHT	1
32-37	08-08-070120	FITTING. NO. 8 TO NO. 8	1	32-100	KN02029	FITTING. ADAPTER	1
32-38	H500536	HOSE - CURVED CONVEYOR	1				
32-39	H500750	HOSE - LIFT CYLINDER	1				
32-40	H500535	HOSE - CURVED CONVEYOR	1				
32-41	KH20111	INLINE FILTER	1				
32-42	KH20286	LIFT & DEPTH CONTROL	1				
32-43	23-156	LOAD CHECK VALVE	1				
32-44	H500631	HOSE - CUTTER MOTOR	1				
32-45	08-12-070220	FITTING. NO. 8 TO NO. 12	4				
32-46	04-06-070220	FITTING. NO. 4 TO NO. 6	4				
32-47	H500632	HOSE - CUTTER MOTOR	1				
32-48	H4067	FLOW CONTROL VALVE	2				
32-49	H6122	FITTING. RUN BRANCH TEE	1				
32-50	H500754	HOSE - FLOW CONTROL	1				
32-51	Q8576	3/4 IN. RETURN LOW PRESURE 21 IN. LONG	1				



SOD HARVESTER

HYDRAULIC SYSTEM (ROLL)

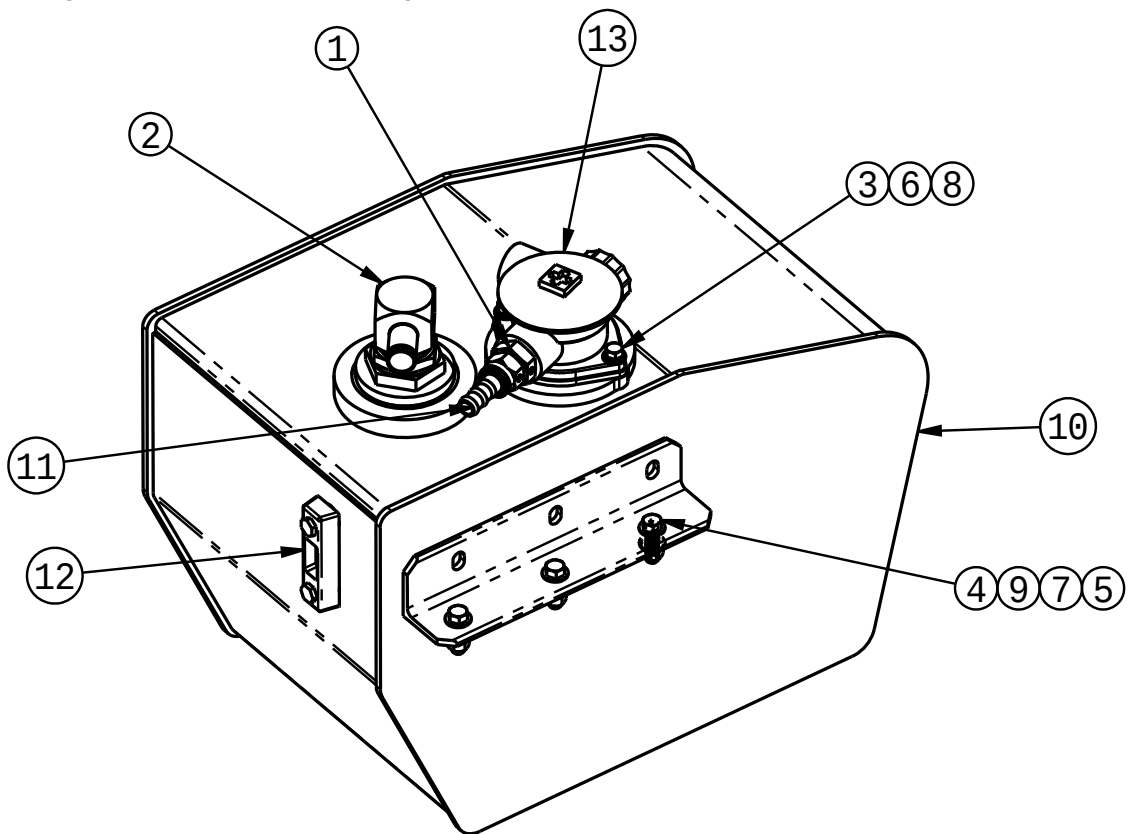
ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
32-1	H310136	HYDRAULIC TANK	1	32-52	KH01109	HOSE END- FEMALE	1
32-2	F040814	BOLT 1/2 UNC X 1 1/2 GR.8	3	32-53	H500731	HOSE - TRACTOR HYD.	1
32-3	F320800	WASHER 1/2	3	32-54	20-233	HOSE - FLOW CONTROL	1
32-4	F310800	LOCKWASHER 1/2	3	32-55	H500583	HOSE - CROSS CONVEYOR	3
32-5	F230800	NUT 1/2 UNC	3	32-56	08-10-070120	FITTING. NO. 8 TO NO. 10	6
32-6	KH40021	RETURN FILTER/BREATHER	1	32-57	KH30007	CONVEYOR MOTOR	2
32-7	KH40022	FILTER ELEMENT	1	32-58	H500574	HOSE- CROSS CONVEYOR	1
32-8	KH40019	FILTER INDICATOR	1	32-59	08-10-070220	FITTING. NO. 8 TO NO. 10	2
32-9	F010512	BOLT 5/16 UNC X 1 1/4 GR.8	2	32-60	H500554	HOSE - FLOW DIVIDER	1
32-10	F310500	LOCKWASHER 5/16	2	32-61	06-06-070221	FITTING. NO. 6 TO NO. 6	1
32-11	KH40020	SUCTION STRAINER	1	32-62	08-08-070120	FITTING. NO. 8 TO NO. 8	2
32-12	24-24-430292	FITTING. STRGHT. THREAD	1	32-63	KH20107	FLOW DIVIDER BODY	1
32-13	KH10002	SIGHT LEVEL GAUGE	1	32-64	H500579	HOSE- FLOW DIVIDER	1
32-14	12-16-070287	FITTING. STRGHT. THREAD	5	32-65	KH00106	FLOW DIVIDER CARTRIDGE	1
32-15	H100582	HOSE. COOLER 'IN'	1	32-66	12-12-070120	FITTING. NO. 12 TO NO. 12	1
32-16	12-16-070102	FITTING. PIPE THREAD	2	32-67	06-06-070220	FITTING. NO. 6 TO NO. 6	1
32-17	H100583	SUCTION HOSE	1	32-68	KH20086	NEEDLE VALVE BODY	1
32-18	KM60007	HOSE CLAMP	2	32-69	06-06-070120	FITTING. NO. 6 TO NO. 6	3
32-19	KH01109	HOSE END. SWIVEL BARB	5	32-70	H500600	HOSE- NEEDLE VALVE	1
32-20	12-12-070221	FITTING. 3/4 SWIVEL ELBOW	1	32-71	H500695	HOSE- CHECK VALVE	1
32-21	H100575	HOSE. COOLER 'OUT'	1	32-72	23-156	LOAD CHECK VALVE	1
32-22	KH30040	GEAR PUMP	1	32-73	H500509	HOSE - FLOW CONTROL	1
32-23	KH70101	SEAL KIT. GEAR PUMP	1	32-74	H6122	FITTING. RUN BRANCH T	1
32-24	KH70047	SEAL KIT. FILTER	1	32-75	H6190	FITTING. STRAIGHT	1
32-25	H500660	HOSE ASSEMBLY	1	32-76	06-08-070320	FITTING. NO.6 TO NO.8	1
32-26	12-12-070220	FITTING. 12-12	1	32-77	08-08-070601	FITTING. BULKHEAD	2
32-27	24-20-430292	FITTING. 24-20	1	32-78	08-070118	BULKHEAD NUT	2
32-28	H40083	OIL COOLER	1	32-79	H500511	HOSE- MAIN CONVEYOR	1
32-29	F040406	BOLT 1/4 UNC X 3/4 GR.8	4	32-80	H500601	HOSE - NEEDLE VALVE	1
32-30	F310400	LOCKWASHER 1/4	4	32-81	30-241	HOSE - DEPTH CYLINDER	1
32-31	F320400	WASHER 1/4	4	32-82	H500532	HOSE - CUTTER MOTOR	1
32-32	KH00014	HEX PIPE PLUG (MAGNETIC)	1	32-83	H500508	HOSE - CUTTER MOTOR	1
32-33	21-099	CUTTER MOTOR	1	32-84	KH20111	IN-LINE FILTEA	1
32-34	KH20285	CUTTER CONTROL VALVE	1	32-85	H500510	HOSE - MAIN CONVEYOR	1
32-35	20-240	HOSE - LIFT CYLINDER	1	32-86	23-178	DEPTH CYLINDER	1
32-36	23-073	FLOW RESTRICTOR VALVE	1	32-87	H500505	HOSE - CUTTER MOTOR	1
32-37	04-06-070120	FITTING. NO. 4 TO NO. 6	5	32-88	25-2503-06-06	FITTING. DEPTH CYLINDER	2
32-38	H500730	HOSE - LIFT & DEPTH CON.	1	32-89	H500533	HOSE - CUTTER MOTOR	1
32-39	20-228	HOSE - LIFT CYLINDER	1	32-90	KH31005	HEAD LIFT CYLINDER	1
32-40	08-12-070220	FITTING. NO. 8 TO NO. 12	1	32-91	H100129	RESTRICTOR	
32-41	08-08-070220	FITTING. NO. 8 TO NO. 8	2	32-92	8-18-070287	FITTING. 1/2 90 DEG. ELBOW	1
32-42	KH20286	LIFT & DEPTH CONTROL	1	32-93	KH00121	FITTING. NO. 8 O RING TO JIC	1
32-43	H500732	HOSE- TRACTOR RETURN	1	32-94	8-18-070187	FITTING. STRIAGHT	1
32-44	H500580	HOSE - ROLL-UP MOTOR	1	32-95	KN02029	FITTING. ADAPTER	1
32-45	08-12-070220	FITTING. NO. 8 TO NO. 12	4				
32-46	04-06-070220	FITTING. NO. 4 TO NO. 6	4				
32-47	8-8-8-070433	FITTING. SWIVEL BRANCH T	1				
32-48	H4067	FLOW CONTROL VALVE	2				
32-49	H6122	FITTING. RUN BRANCH TEE	1				
32-50	20-241	HOSE - DEPTH CYLINDER	1				
32-51	H100640	HOSE- FLOW CONTROL	1				



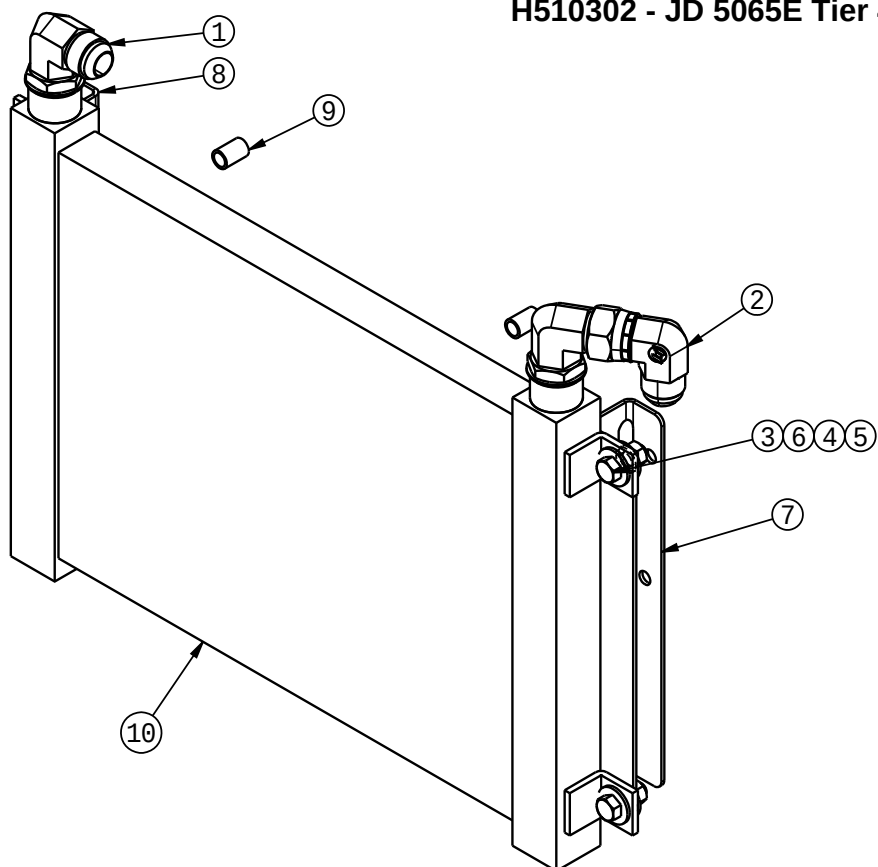
**Brouwer 1580 Sod Harvester
Control Console Sub Assembly**

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	00-378	1	DECAL - CUTTER HEAD CONTROLS
2	00-380	1	DECAL - CANOPY LIGHTS
3	006219	1	DECAL - HEAD SPEED
4	009103	1	DECAL - NO RIDERS
5	10-12-070220	2	FITTING 5/8 STRAIGHT THROUGH O-RING 90° ELBOW
6	12-12-070181	1	FITTING 3/4 STRAIGHT FEMALE SWIVEL O-RING JIC
7	12-12-12-070428	2	FITTING 3/4 STRAIGHT THROUGH O-RING RUN TEE
8	202525	1	DECAL - CAUTION READ MANUAL
9	4161281	1	CONTROL LINKAGE PIVOT W/A FOR KH20285 YOU LI VALVE
10	47114	3	KNOB TAPERED
11	6109353	1	CONTROL LINKAGE PIVOT W/A
12	6109354	1	CONTROL LINKAGE PIVOT W/A
13	6109453	1	BEAM FORWARD CONTROL PANEL
14	6109475	2	SHAFT MOUNT WELDMENT
15	6109486	2	SHORT LEVER ARM
16	6109487	1	LONG LEVER ARM
17	6109488	1	CONTROL PANEL COVER
18	6109781	1	SHAFT, SPOOL LEVER PIVOT
19	6109782	1	BLOCK OFF LEVER PIVOT SPACER
20	8-12-070120	1	FITTING 1/2 STRAIGHT THRD O-RING CONNECTOR
21	D001-334	1	DECAL - REVERSE WARNING
22	F040406	7	BOLT 1/4 UNC x 3/4 Gr 8
23	F040424	4	BOLT-1/4 UNC X 2 1/2 GR 8
24	F320400	11	WASHER-1/4
25	F331000	10	FLAT WASHER SAE 5/8 IN.
26	F840400	11	SERRATED FLANGE NUT - 1/4 UNC
27	F840600	6	SERRATED FLANGE NUT - 3/8 UNC
28	F850400	5	RIVET NUT - 1/4 UNC (25/64 DRILL)
29	H111403	1	SUPPORT BAR VALVE PANEL JD 5065E
30	H4067	2	FLOW CONTROL VALVE
31	KE80012	5	ROCKER SWITCH HOLE CAP

H510035 - Hydraulic Tank Assembly



H510302 - JD 5065E Tier 4.1 Cooler Assembly



**Brouwer 1580 Sod Harvester
Hydraulic Tank & Cooler Assemblies**

H510035 - Hydraulic Tank Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	12-16-070120	1	FITTING - STRAIGHT THREAD O-RING 16 - SAE 37° (JIC) 12
2	16-24-430292	1	FITTING BEADED TUBE TO O-RING 90° ELBOW
3	F040610	2	BOLT - 3/8 UNC x 1.0 Gr 8
4	F040714	3	BOLT - 7/16 UNC x 1 1/2 Gr 8
5	F230700	3	HEX NUT - 7/16 DIA UNC - ZINC PLATED
6	F310600	2	LOCK WASHER - 3/8
7	F310700	3	LOCK WASHER - 7/16
8	F330600	2	FLAT WASHER SAE 3/8
9	F330700	6	7/16 SAE FLAT WASHER
10	H310136	1	HYDRAULIC TANK FRONT MOUNT
11	KH01109	1	HOSE END - B SERIES - SAE 37° JIC FEMALE SWIVEL
12	KH10002	1	LEVEL GAUGE 3" C/W THERMOMETER, 'O'-RING
13	KH40033	1	RETURN FILTER/BREATHING W/INDICATOR

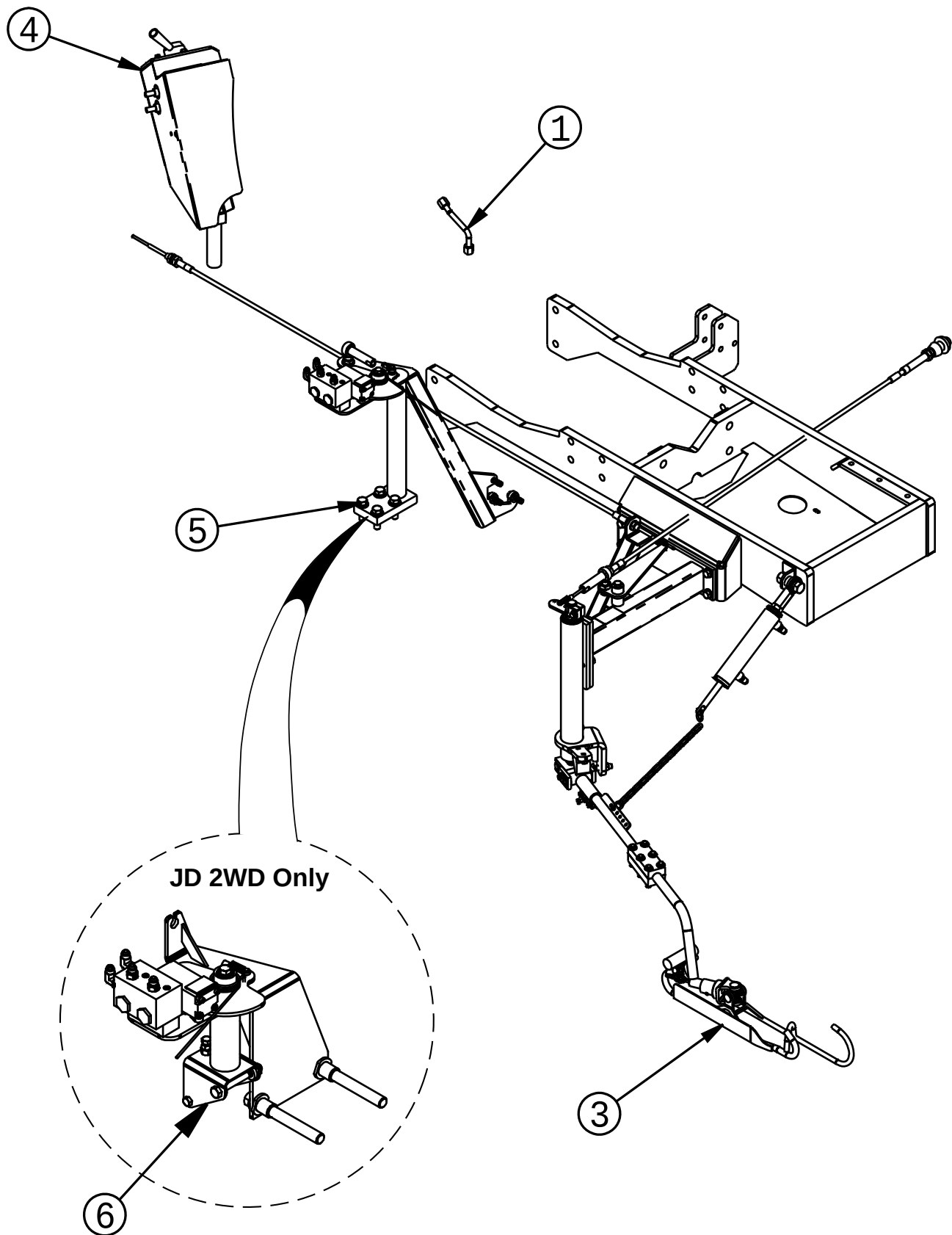
H510302 - JD 5065E Tier 4.1 Cooler Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	12-12-070220	2	FITTING - STR THRD 90° ELBOW 37° FLARE - SAE ORB
2	12-12-070221	1	FITTING - SWIVEL NUT 90° ELBOW - SAE 37° (JIC) FLARE-TWIN
3	F040610	4	BOLT - 3/8 UNC x 1.0 Gr 8
4	F230600	4	NUT - 3/8-16
5	F310600	4	LOCK WASHER - 3/8
6	F320600	8	FLAT WASHER - 3/8
7	H111568	1	LH COOLER BRACKET - JD 5065E TIER 4.1
8	H111569	1	RH COOLER BRACKET - JD 5065E TIER 4.1
9	H111601	2	FUEL COOLER SPACER - JD5065E TIER 4.1
10	KH40083	1	OIL COOLER - #12 SAE PORTS

SECTION 4 AUTO STEER & DRIVERS GUIDE

1580 Model

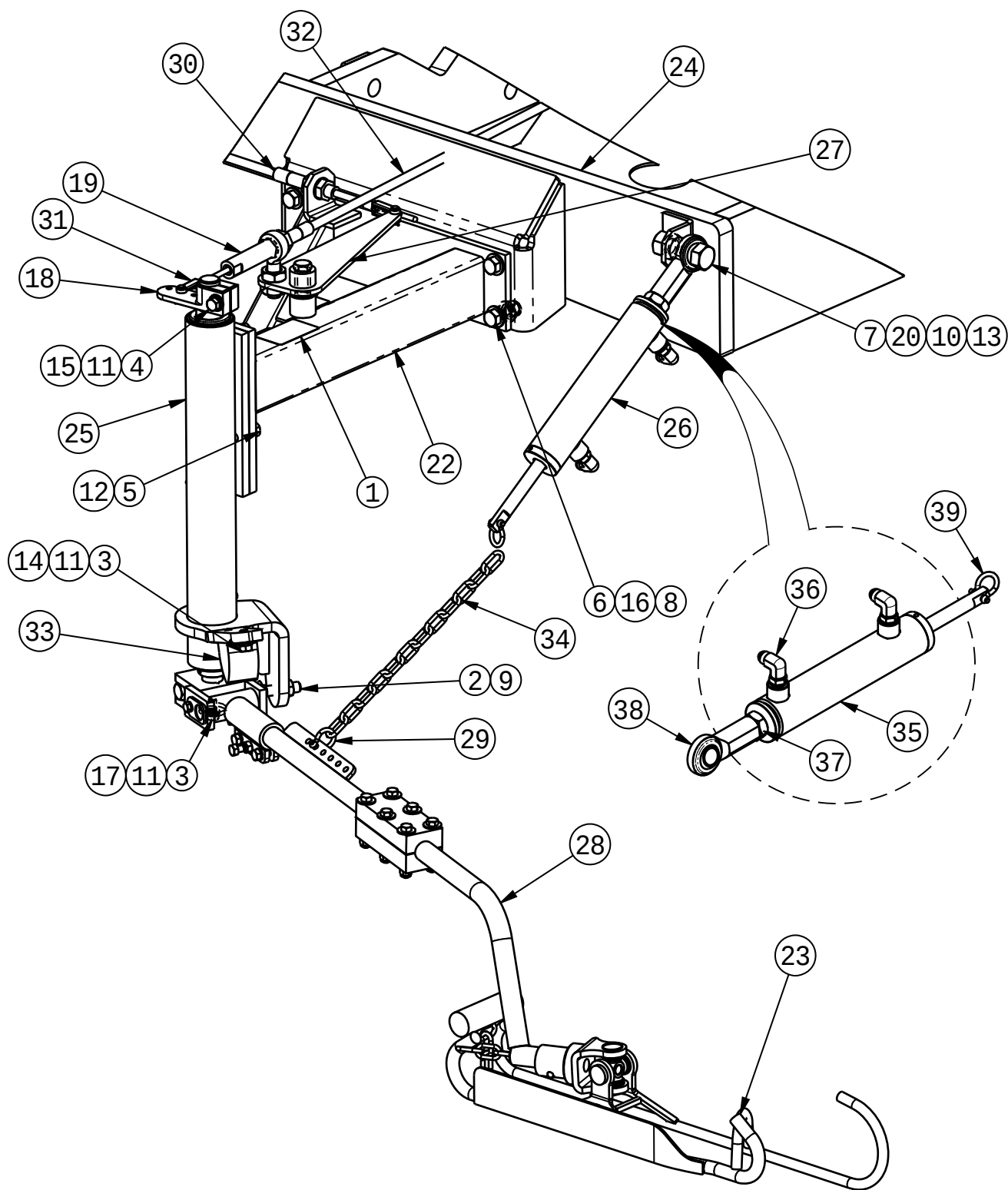
Brouwer Autosteer JD 2WD & 4WD Assembly	4-01
Ski, Spring Column & Reset Cylinder Sub Assembly	4-03
Spring Column, Ski Arm & Lever Arm Assemblies	4-05
Sensor Valve & Cam Mount Assembly JD 2WD	4-07
Sensor Valve & Cam Mount Assembly JD 4WD	4-09
Brouwer Selector Valve and Mounting Assembly	4-11
Drivers Guide 1570 & 1580 Assembly	4-13



Brouwer 1580 Sod Harvester
Brouwer Autosteer JD 2WD & 4WD Assembly

H510247 - Brouwer Autosteer JD 4WD 1570/1576 & 1580 Assembly
4133391 - Brouwer Autosteer JD 2WD 1570/1576 & 1580 Assembly

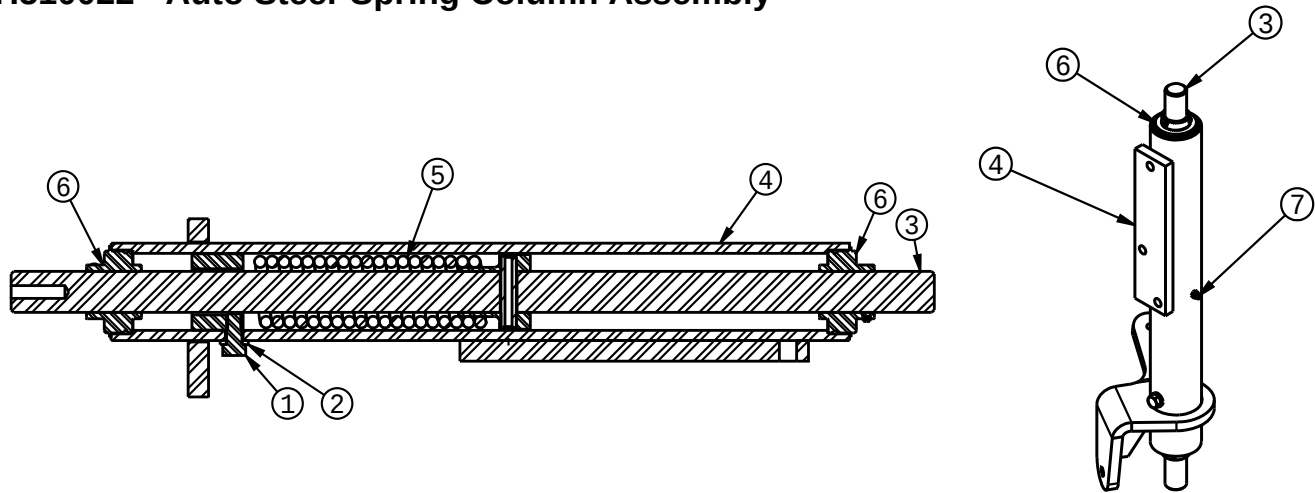
ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	H111602	1	ADAPTER TUBE ASSEMBLY
2	H500741	1	BROUWER AUTO STEER HOSE KIT 5065 TIER IV - NOT SHOWN
3	H510196	1	SKI, SPRING COLUMN & RESET CYLINDER SUB ASSEMBLY (SEE PG. 4-03)
4	H510244	1	BROUWER SELECTOR VALVE AND MOUNTING ASSEMBLY (SEE PG. 4-11)
5	H510246	1	SENSOR VALVE & CAM MOUNT ASSEMBLY JD BROUWER 4WD (SEE PG. 4-09)
6	H510243	1	SENSOR VALVE & CAM MOUNT ASSEMBLY JD 2WD (SEE PG. 4-07)



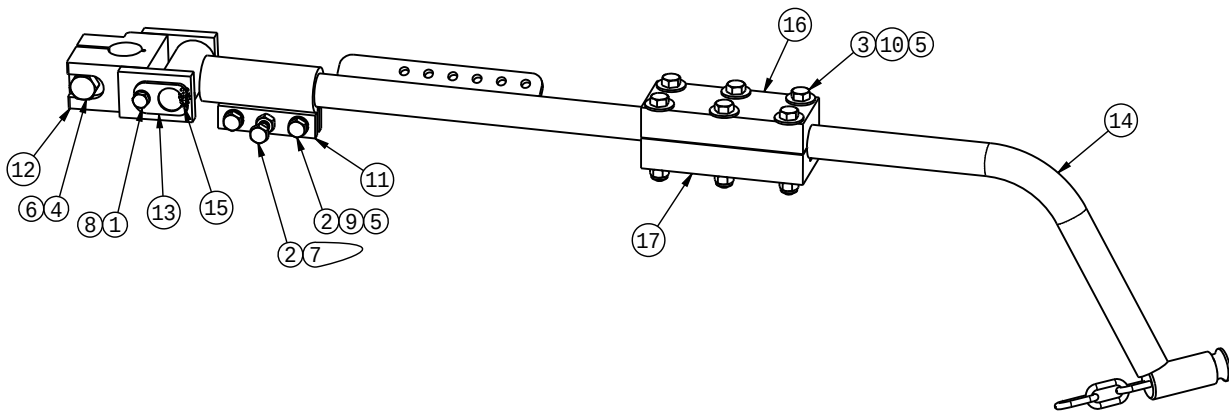
Brouwer 1580 Sod Harvester
Ski, Spring Column & Reset Cylinder Sub Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	D001-066	1	DECAL - CAUTION LEVER UNDER SPRING TENSION
2	F020820	1	CARRIAGE BOLT 1/2 UNC x 2.0 LG
3	F040606	3	BOLT 3/8 UNC X 3/4 . Gr 8
4	F040612	1	BOLT - 3/8 UNC x 1 1/4 Gr 8
5	F040810	3	BOLT - 1/2 UNC X 1.0 Gr 8
6	F040816	4	BOLT - 1/2 UNC X 1 3/4 Gr 8
7	F041224	1	HEX BOLT - 3/4 UNC X 2-1/2 LG GR. 8
8	F210800	4	NUT-1/2 UNC NYLOC
9	F230800	1	HEX NUT - 1/2 UNC - ZINC PLATED
10	F231200	1	HEX NUT - 3/4 UNC
11	F310600	4	LOCK WASHER - 3/8
12	F310800	3	LOCK WASHER - 1/2
13	F311200	1	LOCK WASHER - 3/4
14	F320600	2	FLAT WASHER - 3/8
15	F330600	1	FLAT WASHER SAE 3/8
16	F330800	8	1/2 SAE FLAT WASHER
17	H100045	1	RETAINER WASHER CONNECTING ROD
18	H110375	1	CABLE END FINE ADJUST AUTO-STEER
19	H110795	1	CABLE GUIDE HARVESTER AUTO-STEER
20	H111232	1	PIPE SPACER
21	H310061	1	AUTO-STEER STD SKI W/A - OPTION (NOT SHOWN)
22	H310134	1	AUTO-STEER FRAME & SPRING COLUMN MOUNT
	H310388	1	HI-FLOATATION TIRES AUTO-STEER FRAME & SPRING CLOUMN MOUNT
23	H310345	1	AUTO-STEER SAND SHOE W/A - OPTION
24	H310375	1	WEIGHT BRACKET JOHN DEERE 5065E TIER IV
25	H510022	1	AUTO-STEER SPRING COLUMN ASSEMBLY (SEE PG. 4-05)
26	H510076	1	CYLINDER ASSEMBLY
27	H510077	1	LEVER ARM ASSEMBLY (SEE PG. 4-05)
28	H510191	1	SKI ARM PIVOT ASSEMBLY (SEE PG. 4-05)
29	KC01002	1	3/16 SHACKLE - 1/2 TONNE WORKING LOAD
30	KD10023	1	AUTO STEER CABLE ASSEMBLY
31	KD10026	2	CLEVIS YOKE - 1/4 UNF
32	KD10058	1	MICRO ADJUST CONTROL CABLE A/S
33	KS60001	1	BUMPER REBOUND
34	Q8402-12.00	1	3/16 PLATED CHAIN - 12 LINKS
35	4160414	1	HYDRAULIC CYLINDER AUTO-STEER
36	6-6-070220	2	NO. 6 TUBE TO NO. 6 "O" RING 90° ELBOW
37	F221200	1	JAM NUT 3/4 - UNC
38	KB16011	1	3/4 FEMALE SPHERICAL END
39	KC01002	1	3/16 SHACKLE - 1/2 TONNE WORKING LOAD

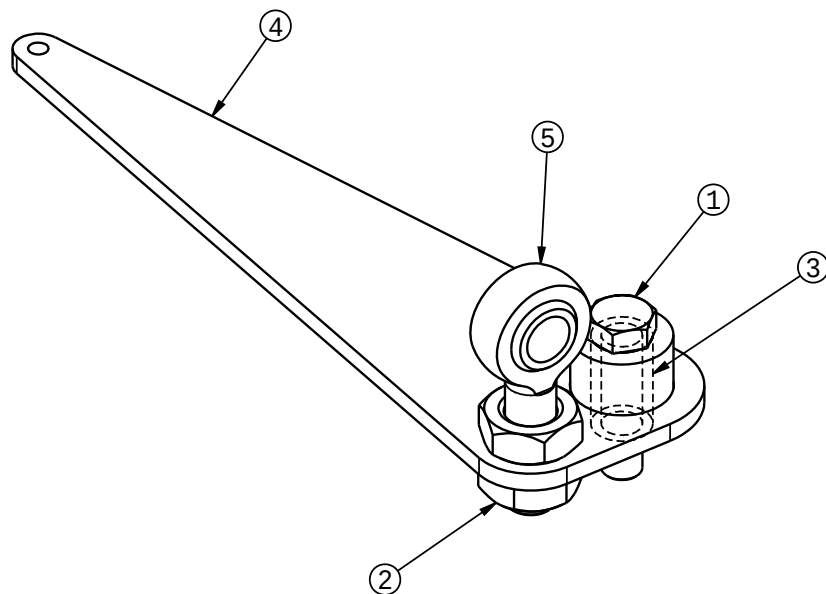
H510022 - Auto Steer Spring Column Assembly



H510191 - Ski Arm Pivot Assembly



H510077 - Lever Arm Assembly



Brouwer 1580 Sod Harvester
Spring Column, Ski Arm & Lever Arm Assemblies

H510022 - Auto Steer Spring Column Assembly

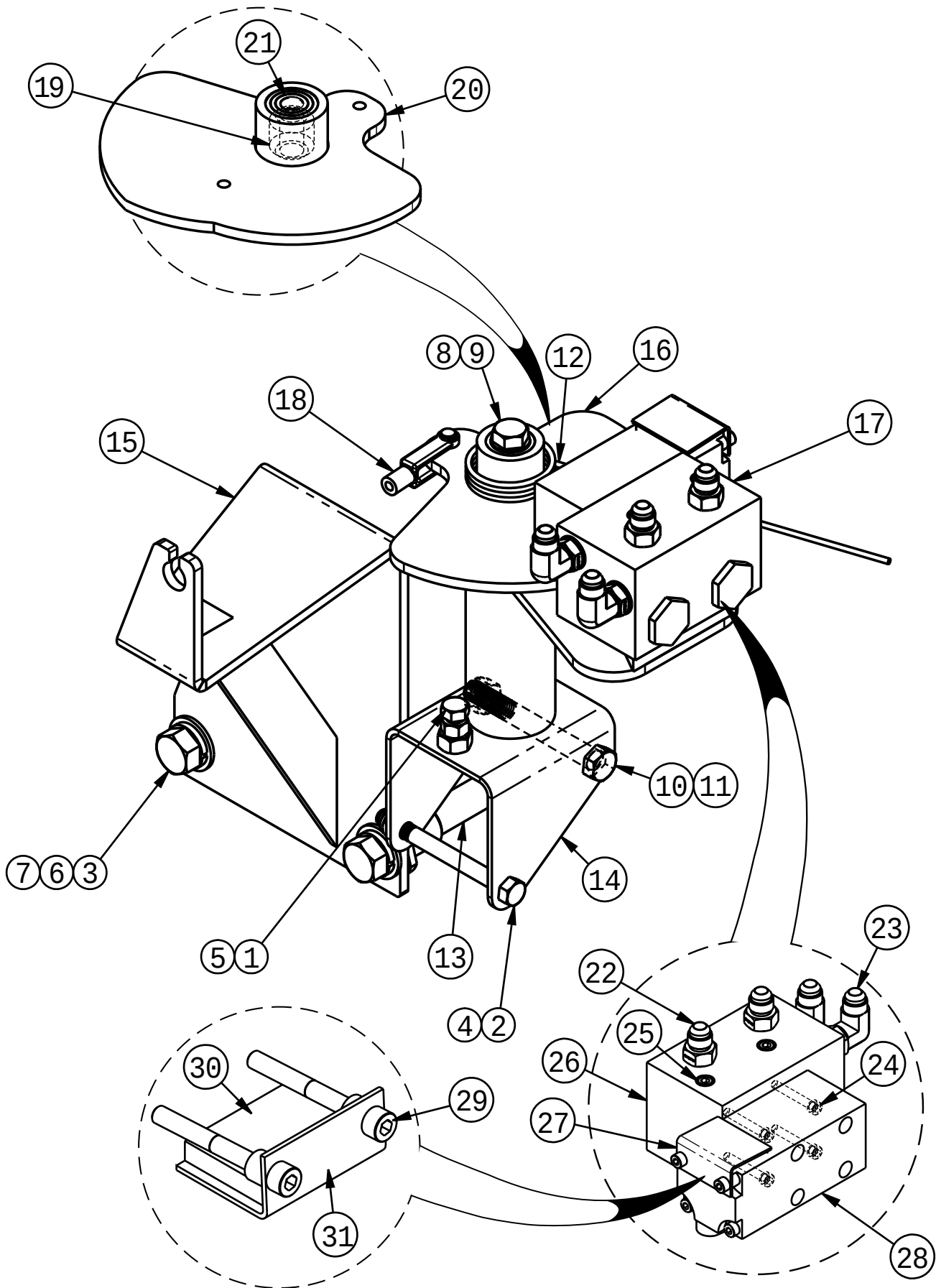
ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	F040606	1	BOLT 3/8 UNC X 3/4 . Gr 8
2	F310600	1	LOCK WASHER - 3/8
3	H110334	1	SHAFT AUTO-STEER SPRING COLUMN
4	H310051	1	SPRING COLUMN WELDMENT HARVESTER
5	H510199	1	AUTO STEER TORSION SPRING ASSEMBLY
6	KB20510	2	ROLLER BEARING - 1.00 I.D.
7	KM11400	1	STRAIGHT GREASE FITTING

H510191 - Ski Arm Pivot Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	F040404	1	BOLT- HEX HD 1/4 UNC x 0.50 LG. GR 8
2	F040512	3	BOLT - 5/16 -18 UNC x 1 1/4 Gr 8
3	F040524	6	HEX BOLT - 5/16 -18 UNC x 2 1/2 Gr 8
4	F040824	1	BOLT - 1/2 UNC X 2 1/2 Gr 8
5	F210508	8	NUT - 5/16 UNC NYLOC Gr 8
6	F210808	1	NUT-1/2 UNC NYLOC Gr 8
7	F230508	1	HEX NUT - 5/16-18 UNC Gr 8
8	F310408	1	WASHER - 1/4 LOCK Gr 8
9	F310508	2	LOCK WASHER - 5/16 Gr 8
10	F320508	6	FLAT WASHER - 5/16 Gr 8
11	H310052	1	MOUNTING PIVOT
12	H310055	1	SUPPORT PIVOT
13	H310056	1	PIVOT PIN SKI ARM AUTO-STEER
14	H310064	1	SKI ARM WELDMENT
15	KM11400	1	STRAIGHT GREASE FITTING
16	M100157	1	JACKSHAFT COUPLING TOP
17	M100158	1	JACKSHAFT COUPLING BOTTOM

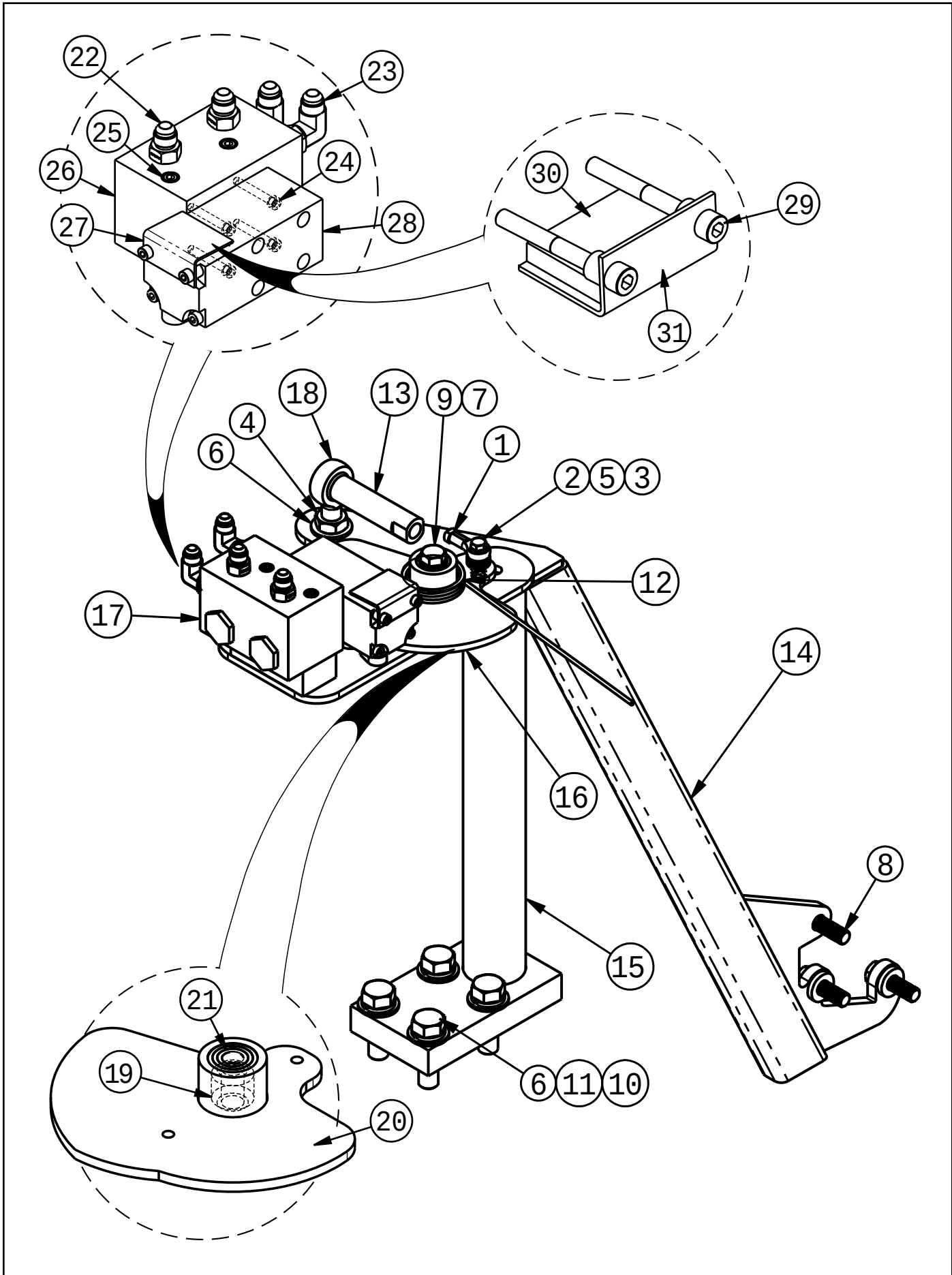
H510077 - Lever Arm Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	F040820	1	BOLT - 1/2 UNC x 2.0 Gr 8
2	F221200	2	HEX JAM NUT 3/4 - UNF Gr. 8
3	H110399	1	BUSHING AUTO-STEER FINE ADJUST ARM
4	H310074	1	LEVER ARM
5	KB16010	1	MALE ROD END 5/8-18



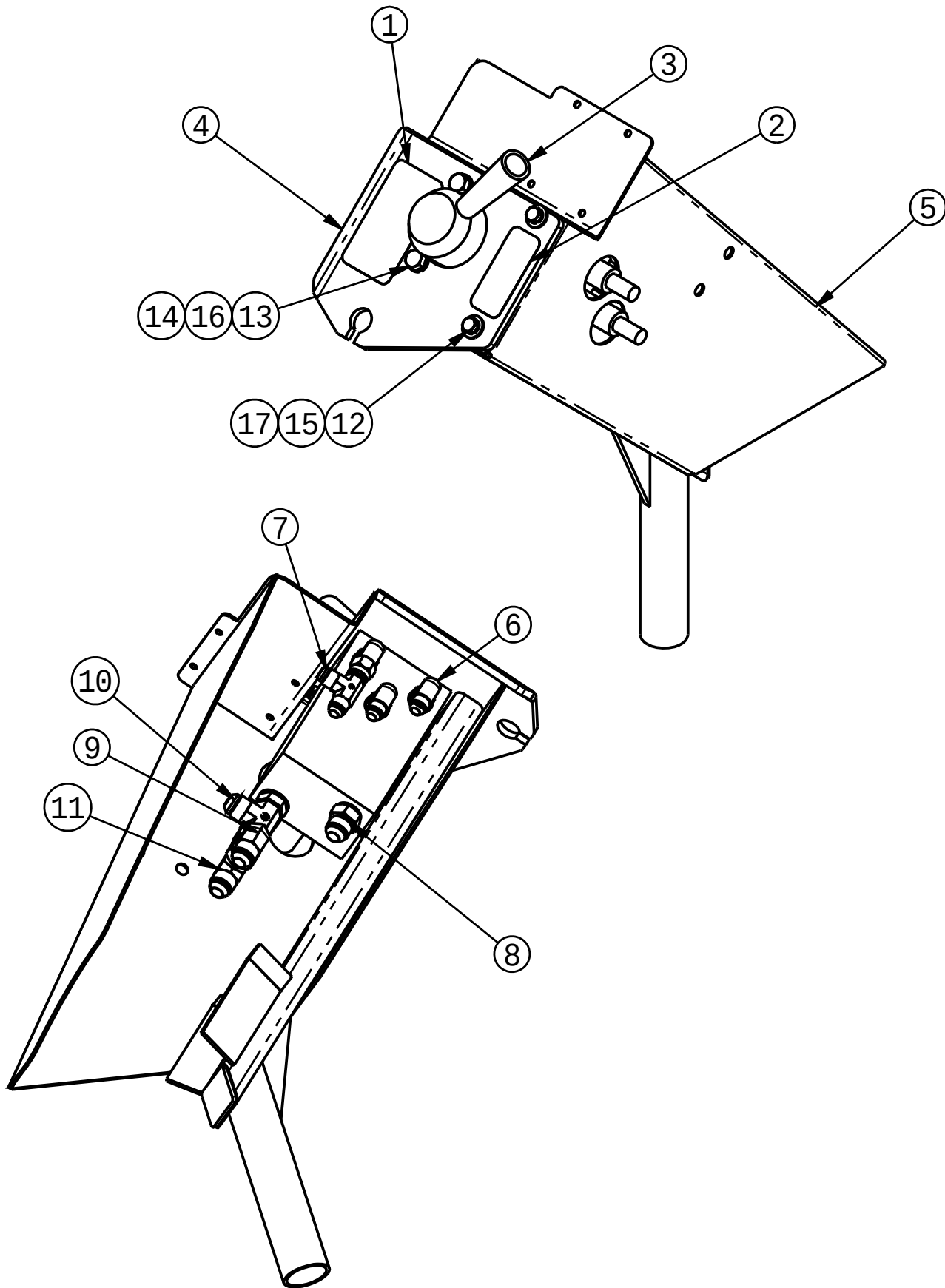
Brouwer 1580 Sod Harvester
Sensor Valve & Cam Mount Assembly JD 2WD

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	F040612	1	BOLT - 3/8 UNC x 1 1/4 Gr 8
2	F040640	1	BOLT - 3/8 UNC x 4.0 Gr 8
3	F041010	2	HEX BOLT 5/8 -11 UNC x 1.00 LG. GR 8
4	F210600	1	HEX LOCK NUT - 3/8 -16 UNC
5	F230600	1	NUT - 3/8-16
6	F311000	2	LOCK WASHER - 5/8
7	F331000	2	FLAT WASHER SAE 5/8 IN.
8	F5054	6	WASHER 1/2 X 7/8 X 18 GA.
9	G0412070	1	BOLT - M12 - 1.75 x 70 LG. GR 10.9
10	G0412070	1	BOLT - M12 - 1.75 x 100 LG. GR 10.9
11	G231201	1	NUT M12 X 1.75
12	H110113	1	TORSION SPRING AUTO-STEER CAM
13	H111132	2	MODIFICATON - J.D. 5225
14	H310253	1	SENSOR VALVE MOUNT AUTO-STEER JOHN DEERE 5225
15	H310264	1	CABLE ANCHOR AUTO-STEER JOHN DEERE 5225
16	H510010	1	CAM ASSEMBLY AUTO STEER
17	H510245	1	BROUWER SENSOR MANIFOLD ASSEMBLY
18	KD10026	1	CLEVIS YOKE - 1/4 UNF
19	H110116	1	SPACER
20	H310014	1	AUTO STEER CAM WELDMENT
21	KB16001	2	BEARING - BALL SEALED (12 mm I.D. x 28 mm O.D.)
22	6-6-070120	2	FITTING - STRAIGHT THREAD O-RING CONNECTOR - SAE 37° (JIC) FLARE-TWIN
23	6-6-070220	2	NO. 6 TUBE TO NO. 6 "O" RING 90° ELBOW
24	F180212	4	SOCKET HEAD BOLT - #10 -24 x 1.25 LG.
25	F180424	2	BOLT - 1/4 UNC x 2 1/2 SOC HD
26	H4085	1	STEERING MANIFOLD
27	H510109	1	SENSOR VALVE COVER ASSEMBLY
28	KH20051	1	SENSOR VALVE (SEAL KIT KH70041)
29	G4905045	2	BOLT-M5 X 0.8 X 45 GR 12.9 SOC HD CAP SCREW
30	H111290	1	FOAM SEAL SENSOR VALVE COVER
31	H310292	1	SENSOR VALVE COVER WELDMENT



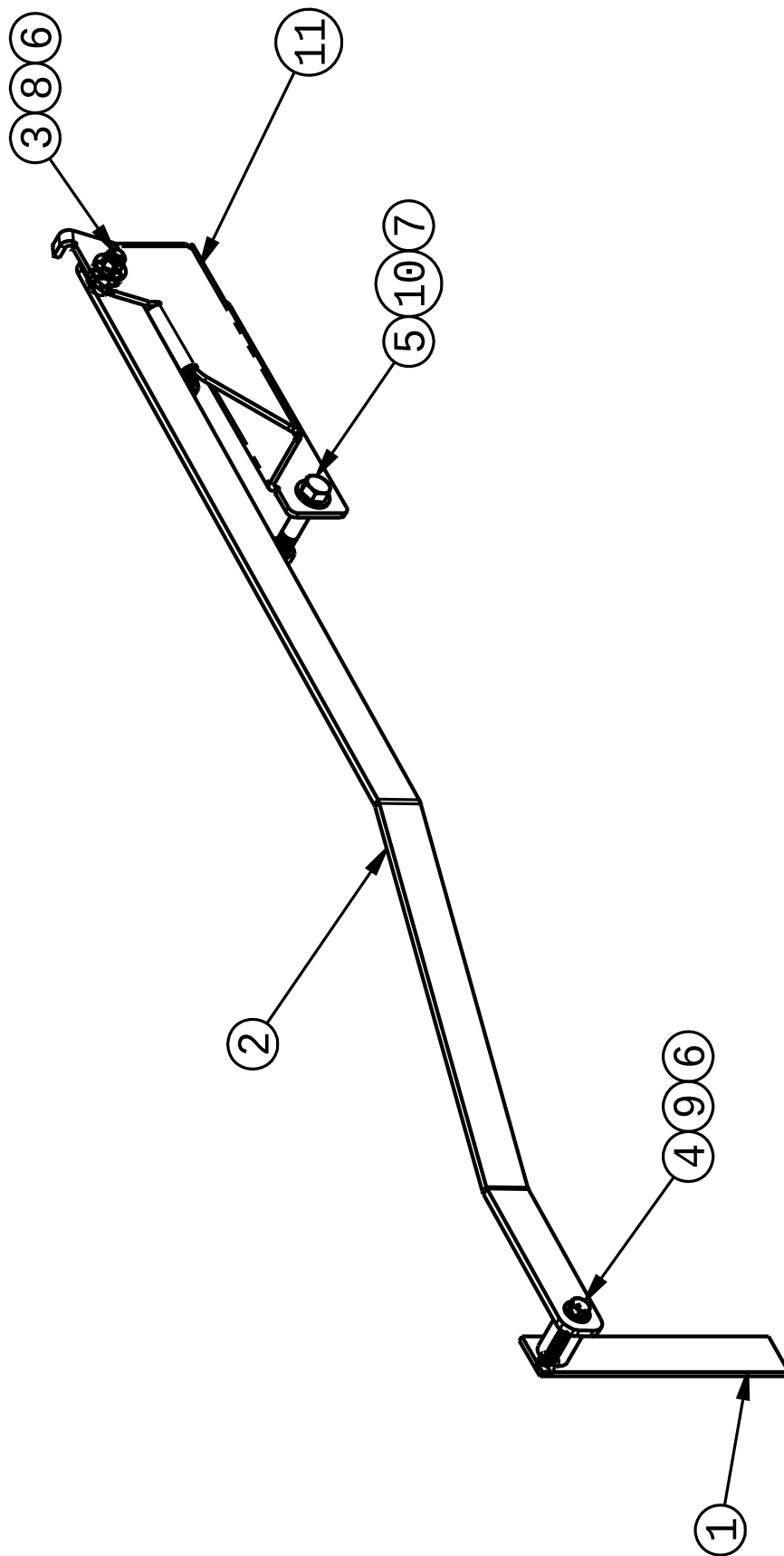
Brouwer 1580 Sod Harvester
Sensor Valve & Cam Mount Assembly JD 4WD

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	43004A	1	ROD END 1/4"
2	F040412	1	HEX BOLT - 1/4 -20 UNC x 1-1/4 GR 8
3	F210400	1	1/4-20 UNC NYLOC NUT
4	F221000	2	HEX JAM NUT - 5/8 UNC
5	F320400	4	WASHER-1/4
6	F331000	6	FLAT WASHER SAE 5/8 IN.
7	F5054	6	WASHER 1/2 X 7/8 X 18 GA.
8	G0412040	3	BOLT - M12 - 1.75 x 40 LG. GR 10.9
9	G0412070	1	BOLT - M12 - 1.75 x 70 LG. GR 10.9
10	G0416055	4	HEX BOLT M16 X 2.00 x 55 mm LG. GR 10.9
11	G311600	4	WASHER-M16 LOCK
12	H110113	1	TORSION SPRING AUTO-STEER CAM
13	H110795	1	CABLE GUIDE HARVESTER AUTO-STEER
14	H310325	1	CABLE ANCHOR W/A JD 5065E 4WD
15	H310331	1	SENSOR VALVE MOUNT W/A, JD 5065E 4WD
16	H510010	1	CAM ASSEMBLY AUTO STEER
17	H510245	1	BROUWER SENSOR MANIFOLD ASSEMBLY
18	KB16010	1	MALE ROD END 5/8-18
19	H110116	1	SPACER
20	H310014	1	AUTO STEER CAM WELDMENT
21	KB16001	2	BEARING - BALL SEALED (12 mm I.D. x 28 mm O.D.)
22	6-6-070120	2	FITTING - STRAIGHT THREAD O-RING CONNECTOR- SAE 37° (JIC) FLARE-TWIN
23	6-6-070220	2	NO. 6 TUBE TO NO. 6 "O" RING 90° ELBOW
24	F180212	4	SOCKET HEAD BOLT - #10 -24 x 1.25 LG.
25	F180424	2	BOLT - 1/4 UNC x 2 1/2 SOC HD
26	H4085	1	STEERING MANIFOLD
27	H510109	1	SENSOR VALVE COVER ASSEMBLY
28	KH20051	1	SENSOR VALVE (SEAL KIT KH70041)
29	G4905045	2	BOLT-M5 X 0.8 X 45 GR 12.9 SOC HD CAP SCREW
30	H111290	1	FOAM SEAL SENSOR VALVE COVER
31	H310292	1	SENSOR VALVE COVER WELDMENT



Brouwer 1580 Sod Harvester
Brouwer Selector Valve and Mounting Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	015499	1	DECAL - AUTO STEER CAUTION
2	016062	1	DECAL - AUTO STEER
3	23158	1	VALVE STEERING SELECTOR 2500
4	4160770	1	AUTO-STEER SELECTOR VALVE MOUNT W/A - BROUWER N.H. 4020
5	4160803	1	AUTOSTEER VALVE SHIELD W/A
6	6-6-070220	3	NO. 6 TUBE TO NO. 6 "O" RING 90° ELBOW
7	6-6-6-070432	1	NO. 6 TUBE -- SWIVEL NUT RUN TEE
8	8-8-070120	1	#8 JIC TO #8 ORB STREIGHT
9	8-8-070221	1	FITTING - SWIVEL NUT 90° ELBOW - SAE 37° (JIC) FLARE-TWIN
10	8-8-8-070428	1	FITTING - STRAIGHT THREAD O-RING RUN TEE - SAE 37° (JIC) FLARE-TWIN
11	8-8-8-070432	1	FITTING - SWIVEL RUN TEE #8 JIC MALE #8 JIC FEMALE #8 JIC MALE
12	F040406	2	BOLT 1/4 UNC x 3/4 Gr 8
13	F040606	2	BOLT 3/8 UNC X 3/4 . Gr 8
14	F230400	2	HEX NUT - 1/4" UNC
15	F310400	2	WASHER - 1/4 LOCK
16	F310600	2	LOCK WASHER - 3/8
17	F320400	2	WASHER-1/4



Brouwer 1580 Sod Harvester
Drivers Guide 1570/1580 Assembly (Manual Steering)

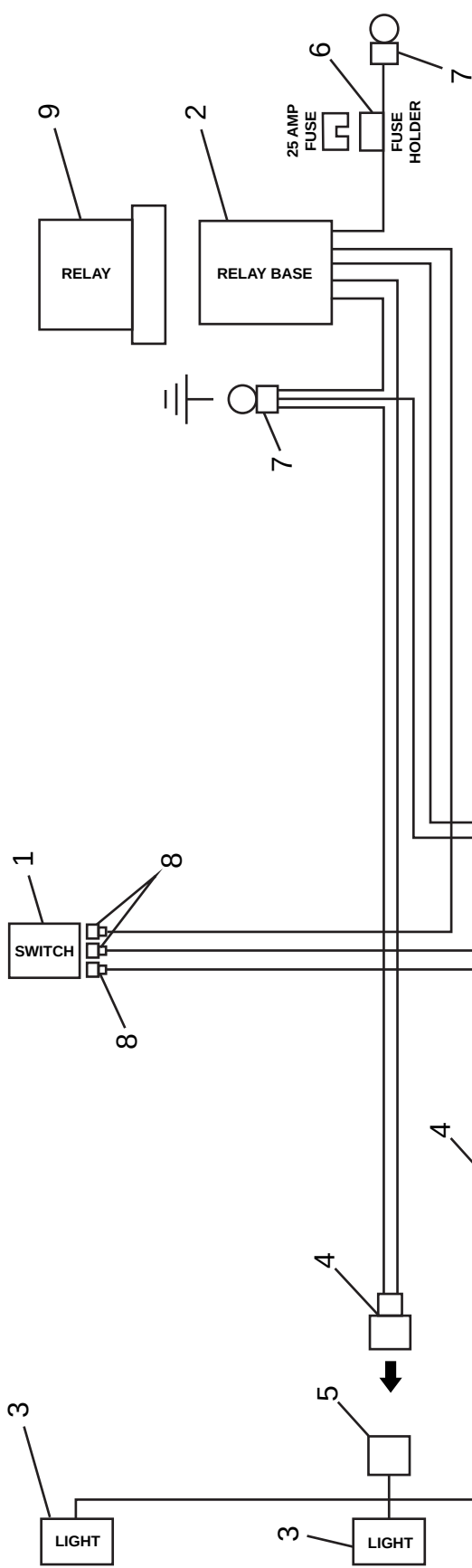
ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	001709	1	DRIVER'S GUIDE VERTICAL BAR
2	6115717	1	DRIVER GUIDE HORIZONTAL BAR
3	F040612	1	BOLT - 3/8 UNC x 1 1/4 Gr 8
4	F040620	1	BOLT - HEX HD 3/8-16 UNC x 2.00 LG. GR 8
5	F040830	2	BOLT - HEX HEAD 1/2 -UNC x 3.00 LG. GR 8
6	F210600	2	HEX LOCK NUT - 3/8 -16 UNC
7	F210800	2	NUT-1/2 UNC NYLOC
8	F320600	3	FLAT WASHER - 3/8
9	F330600	1	FLAT WASHER SAE 3/8
10	F330800	2	1/2 SAE FLAT WASHER
11	H101778	1	DRIVERS GUIDE MTG BRACKET (1580)

SECTION 5 ELECTRICAL

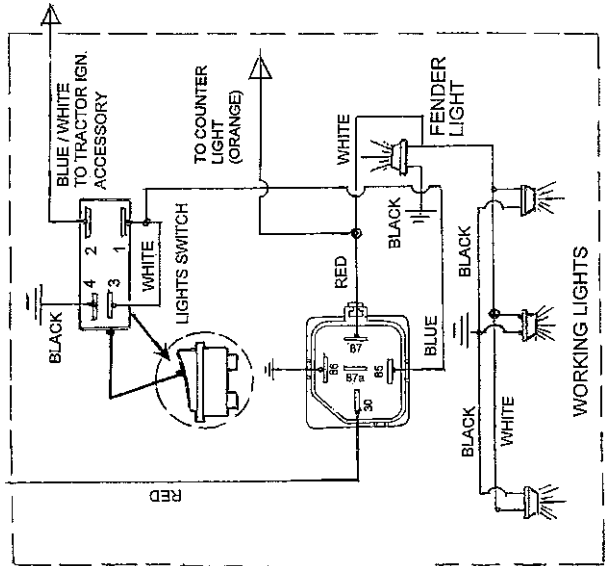
1580 Model
Light Harness

5-01

JOHN DEERE HARVESTER LIGHT HARNESS



ELECTRICAL SCHEMATIC



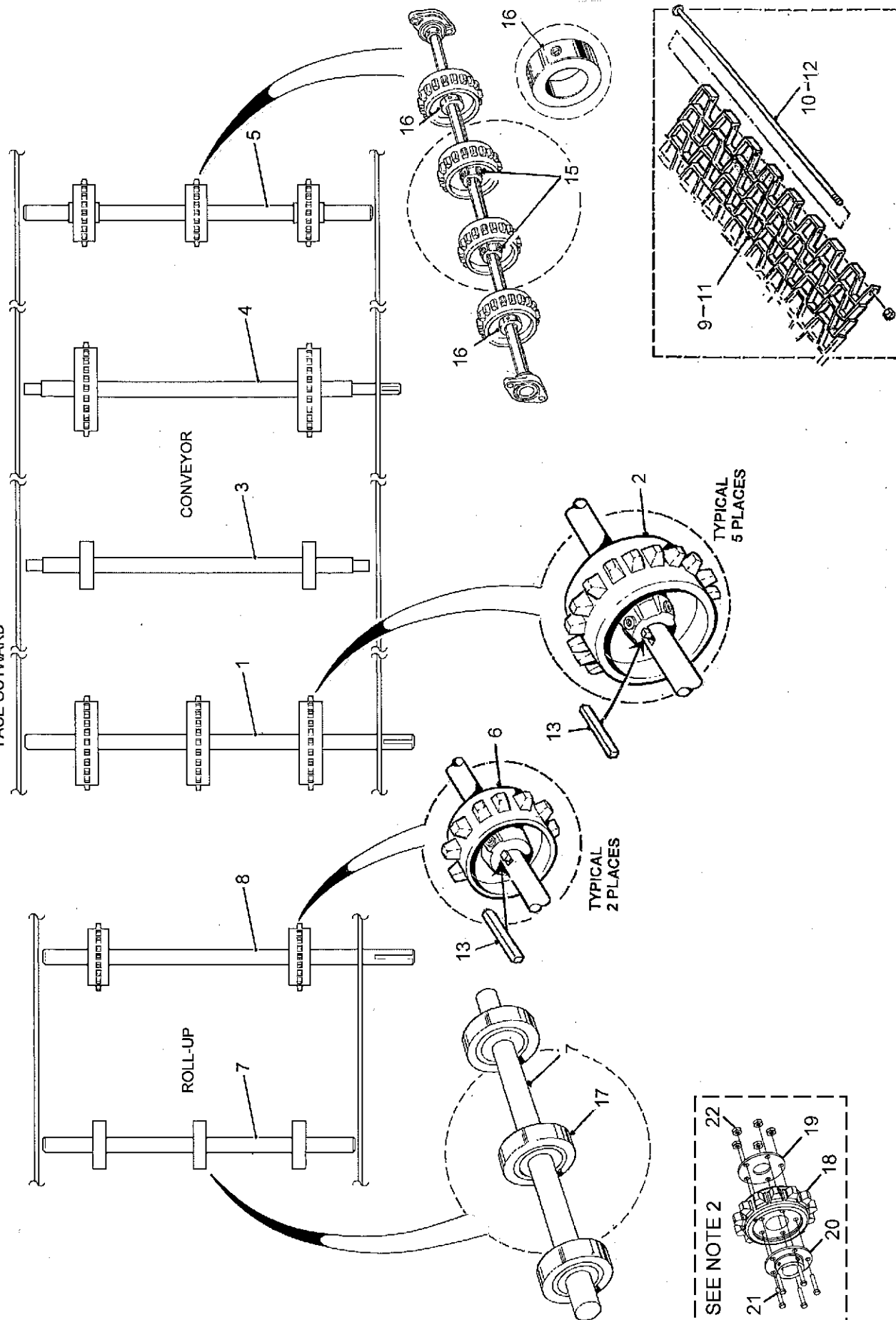
ITEM NO.	PART NO.	DESCRIPTION	QTY
		JOHN DEERE LIGHT HARNESS	
1	KE80010	Amber Light Rocker Switch	1
2	KE10301	Relay Base Connector	1
3	KE90010	Halogen Lights	4
4	KE30040	Deutsch 2 ST Plug	3
5	KE30059	Deutsch 2 DT Receptical	3
6	KE10170	Sealed Blue Fuse Holder	1
7	KE10203	8mm Heat Shrink Ring Terminal	2
8	KE10075	Female Disconnect Terminal	3
9	KE10094	Relay	1
10	KE10087	25 Amp Fuse	1

SECTION 6 MISCELLANEOUS

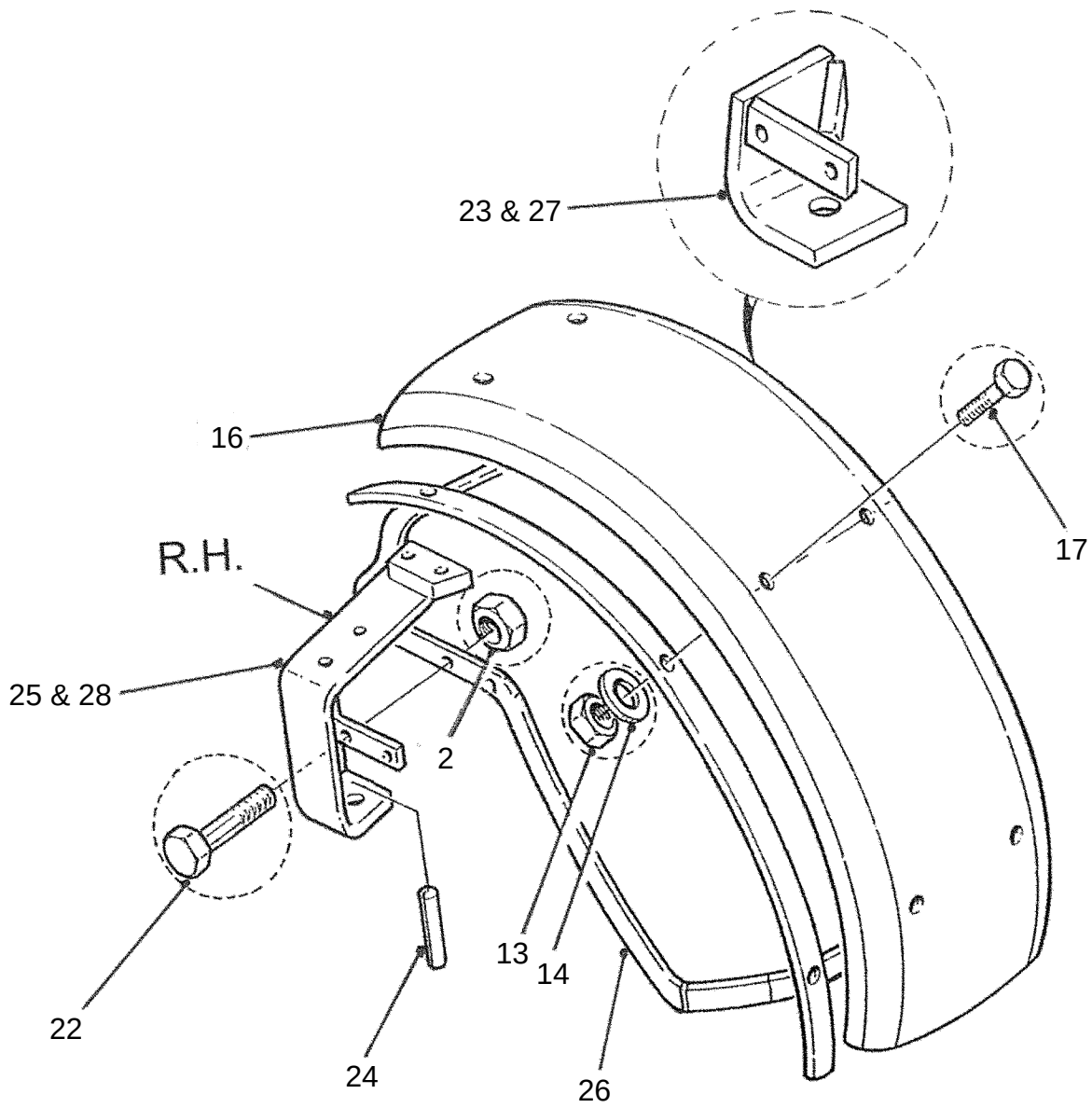
1580 Model

Mintex 16 & 18 in. Mat – Option	6-01
Fenders – Front	6-03
Water Cooler – Accessory	6-05
Battery	6-06
Decals	6-07
Remote Greasing (John Deere)	6-11
Driver's Screen – Accessory	6-13
Flap Adjuster (Lever Operated) – Option	6-14
Counter	6-15
Track Clip Installer & Belt Splicer Tools – Accessories	6-17

NOTE
ALL SPROCKET BOSSES
FACE OUTWARD

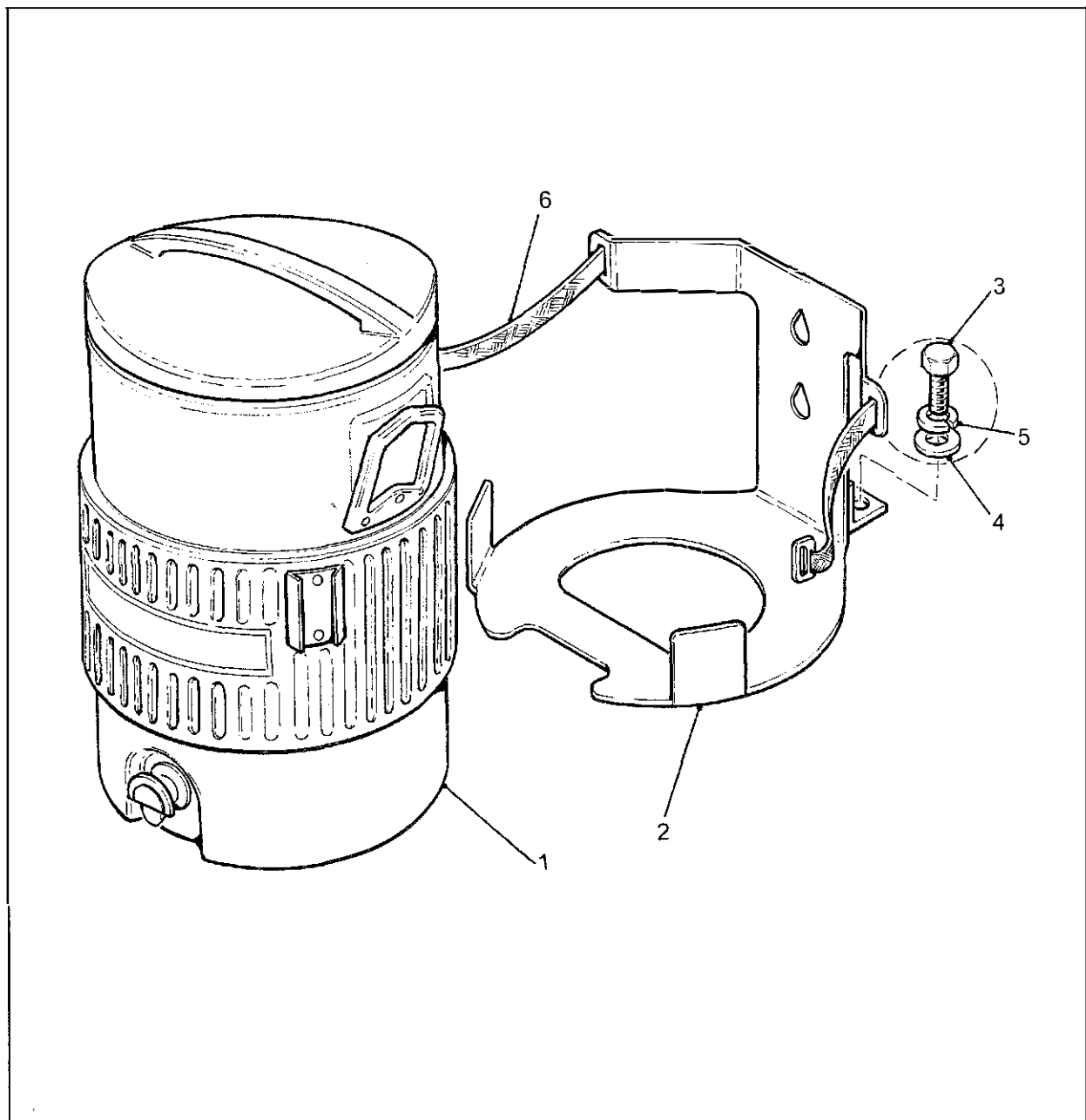


ITEM NO.	PART NO.	DESCRIPTION	QTY
MINTEX 16 IN. & 18 IN. MATS			
1	H101609	Conveyor Drive Shaft - Mintex 16 & 18 in.	1
2	KD20008	Mintex Sprocket - 6 in. 18T Cast	7
3	H301191	Tensioner Shaft - Mintex 16 & 18 in.	1
4	H101230	Feed Roller Drive Shaft - Mintex 16 & 18 in.	1
5	H101608	Front Roller Shaft -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

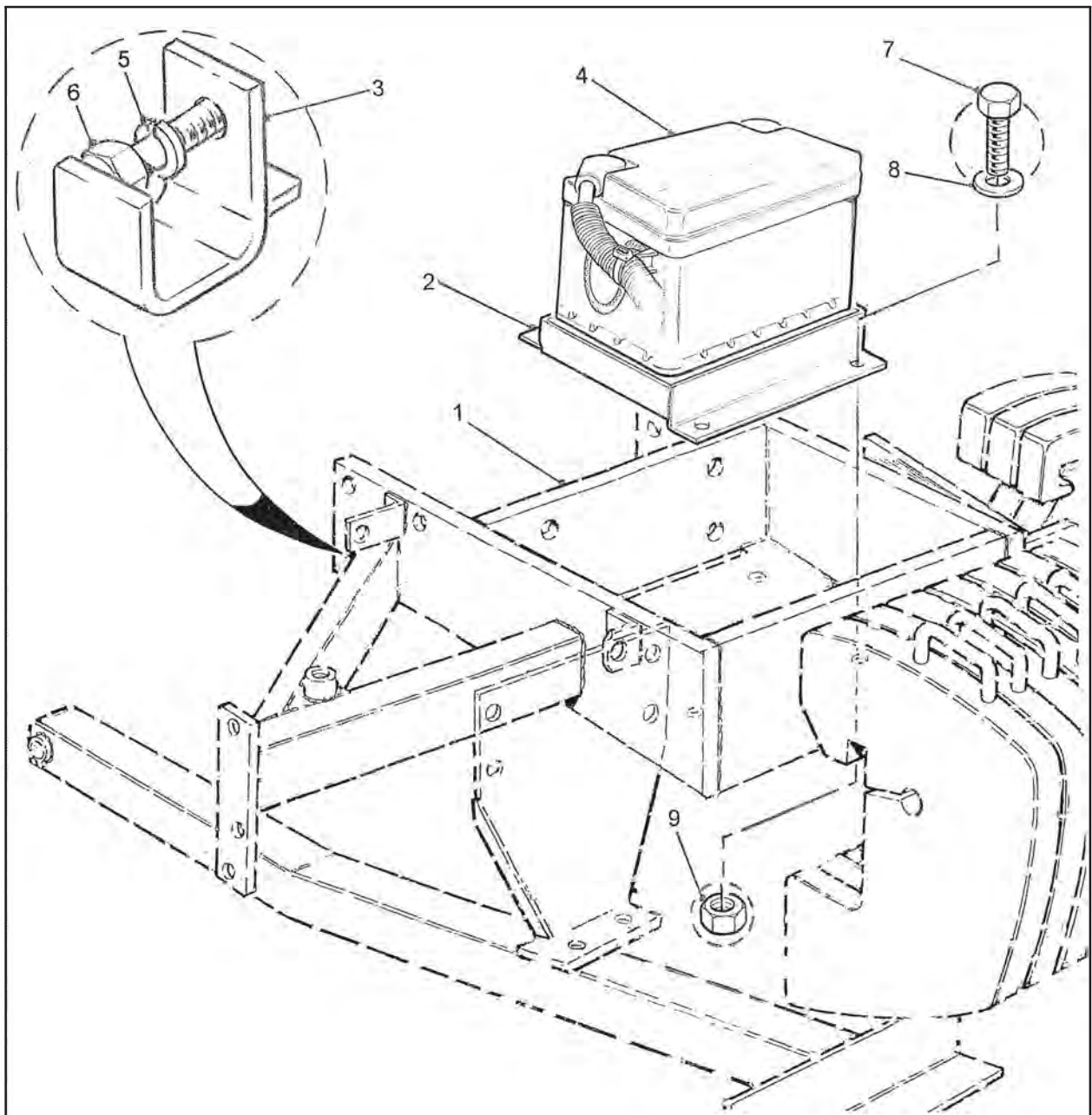


ITEM NO.	PART NO.	DESCRIPTION	QTY
		FENDER ASSEMBLY	
2	F210600	Locknut 3/8	2
13	F210400	Locknut 1/4	6
14	F320500	Washer 1/4	6
16	KN00026	Fender	1
17	F040412	Bolt 1/4 unc x 1 1/4 GR. 8	6
22	F040612	Bolt 3/8 unc x 1 1/4 GR. 8	2
23	H310172	Fender Mounting Bar - 2WD J.D.	1
24	F940304	Spring Pin 3/16 x 1/2	1
25	H310081	Auto-Str Snsr. Valve Mnt. R.H. 2WD J.D.	1
27	H310300	Fender Mounting Bar - 2WD J.D.	1
28	H310253	Auto-Steer Sensor Valve Mnt. R.H. J.D.	1
NOTE Front Fender Assemblies are as follows: H510205 - J.D. 2WD L.H. H510206 - J.D. 2WD R.H.			

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



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

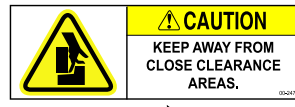
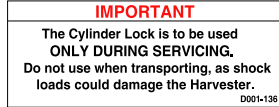
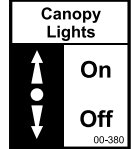
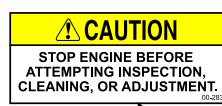
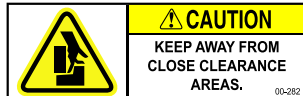
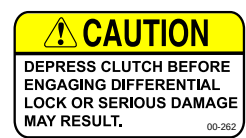
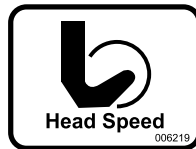
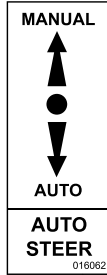
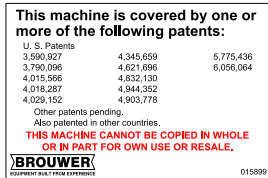
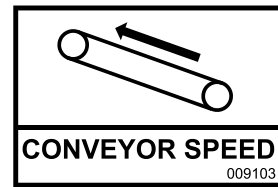
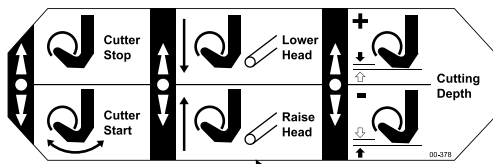




SOD HARVESTER

DECALS (PAGE 1)

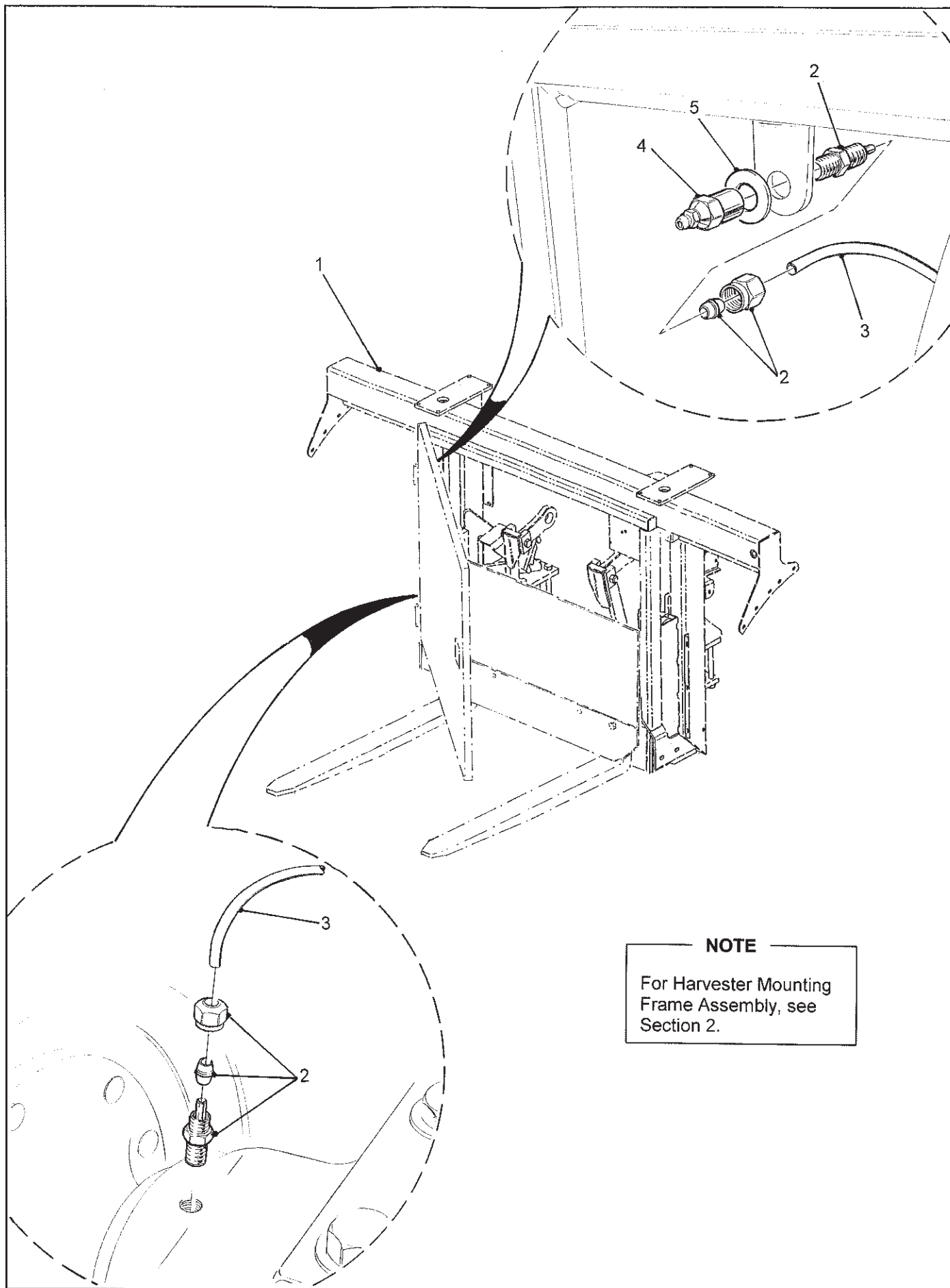
ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	D001-161	BROUWER LOGO (MEDIUM)	3				
2	D001-325	HOOD RH - CURRENT	1				
	D001-326	HOOD LH - CURRENT	1				
	D001-314	HOOD RH - NON CURRENT	1				
	D001-315	HOOD LH - NON CURRENT	1				
3	D001-162	BROUWER LOGO (LARGE)	1				
4	009097	LBL-CUTTING HEAD	1				
5	00-266	LBL-NO RIDERS	1				
6	015499	LBL-CAUTION AUTOSTEER	1				
7	D001-066	LBL-ACTUATOR LEVER	1				
8	D001-159	SERIAL NUMBER PLATE	2				
9	00-226	LBL-LUBE OIL SYMBOL	1				
10	015900	LBL-KEEP CLEAR	2				
11	00-074	LBL-HYD OIL SYMBOL	1				
12	006204	LBL-HOT HYDRAULIC	1				
13	4136127	LBL-CUTTING DEPTH	1				
14	009432	LBL-CAM STOP	1				
15	D001-160	BROUWER LOGO (SMALL)	1				
16	00-328	LBL-ENGINE THROTTLE	1				
17	D001-113	LBL-DO NOT EXIT	1				
18	D001-028	LBL-DISMOUNTING	1				
19	D001-054	LBL-CRUSHING HAZARD	1				
20	D001-032	LBL-CRUSHING HAZARD	1				
21	D001-053	LBL-HOT EXHAUST	1				



SOD HARVESTER

DECALS (PAGE 2)

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	00-378	LBL-LIFT, CUTTR, DEPTH	1				
2	202525	LBL-READ MANUAL	1				
3	009103	LBL-CONVEYOR SPEED	1				
4	015899	LBL-PATENTS	1				
5	016062	LBL-AUTOSTEER CNTRL	1				
6	006219	LBL-HEAD SPEED	1				
7	00-262	LBL-CAUT.DEP.CLUTCH	1				
8	00-267	LBL-CUTTERHEAD DEPTH	1				
9	00-247	LBL-CLOSE CLEARANCE	2				
10	00-280	LBL-KEEP GUARD IN PLACE	1				
11	00-369	LBL-THROWN OBJECTS	1				
12	00-283	LBL-STOP ENGINE BEFORE	1				
13	00-380	LBL-CANOPY LIGHTS	1				
14	00-370	LBL-WARNING	1				
15	D001-109	LBL-FASTEN SEAT BELT	1				
16	D001-116	LBL-DO NOT STEP	2				
17	D001-136	LBL-CYLINDER LOCK	1				
18	00-247	LBL-CLOSE CLEARANCE	1				
19	4133093	LBL-OPERATOR'S MANUAL	1				
20	D001-029	LBL-SERVICE OR REPAIR	1				
21	D001-333	WARNING - NO RIDERS	1				
22	D001-334	WARNING - NO RIDERS	1				

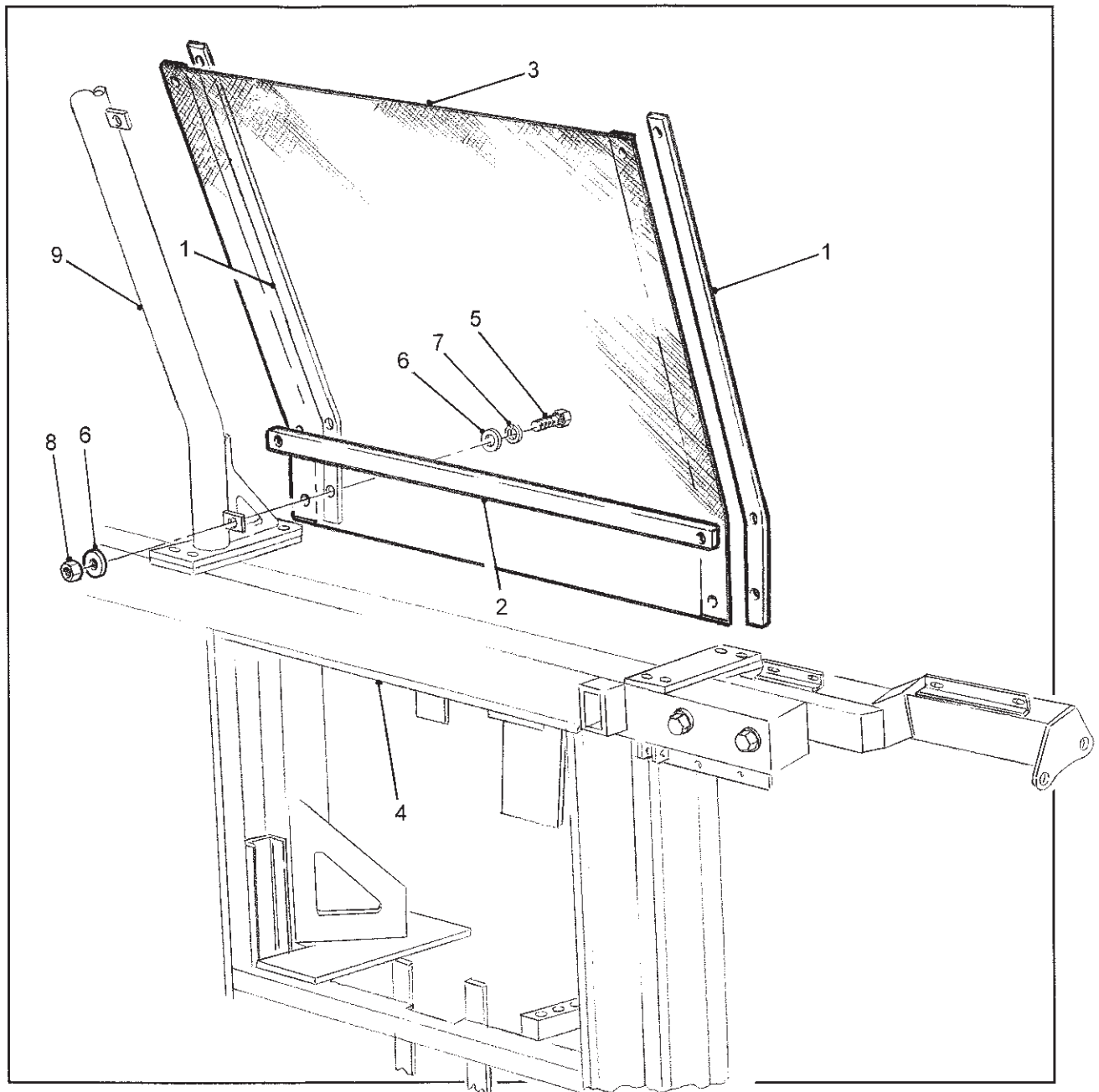


NOTE

For Harvester Mounting
Frame Assembly, see
Section 2.

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

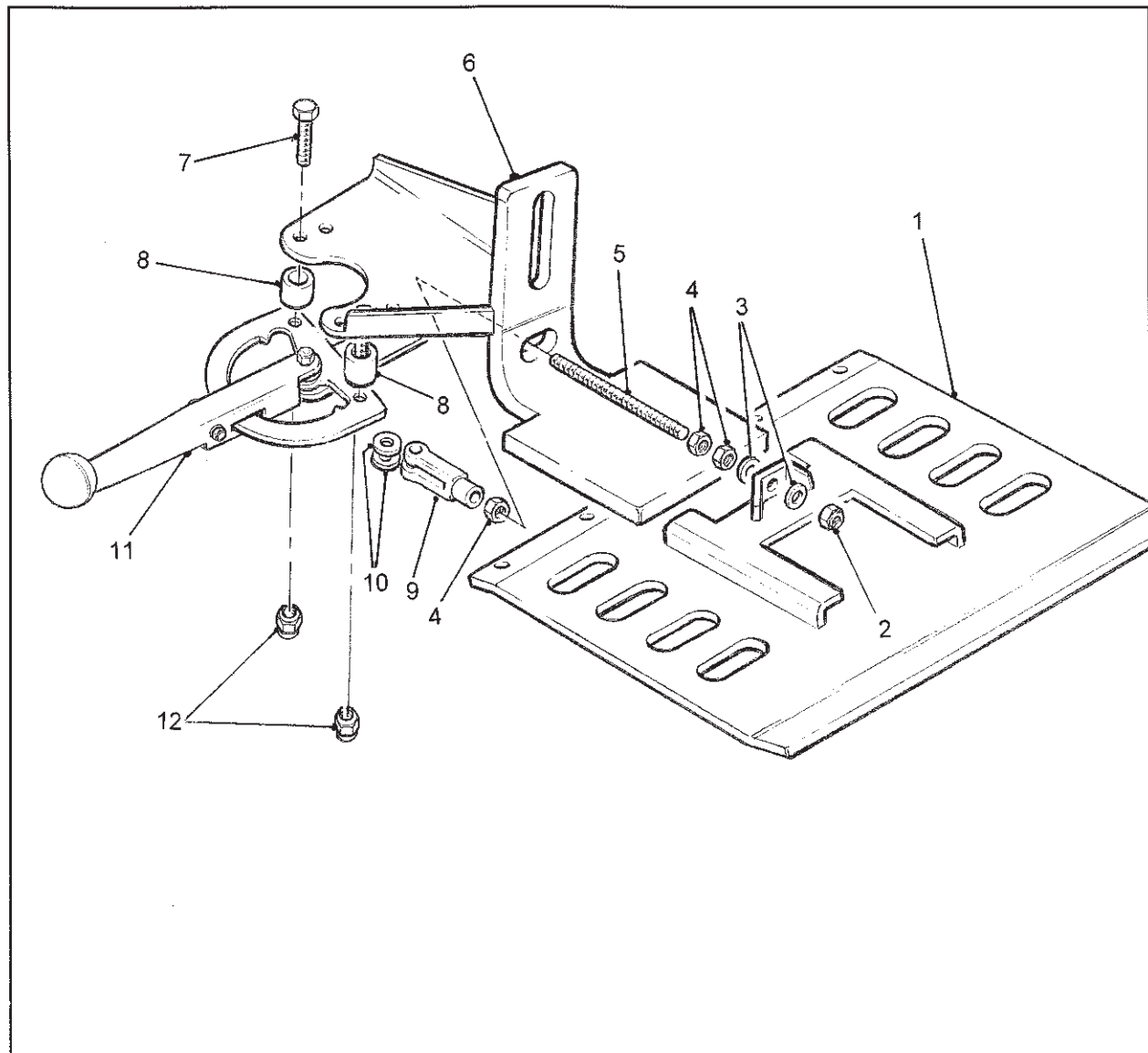
ITEM NO.	PART NO.	DESCRIPTION	QTY
DRIVER'S SCREEN (ACCESSORY)			
1	H111073	Mounting Bar. Driver's Screen	2
2	H111074	Stiffener Bar. Driver's Screen	1
3	H110821	Driver's Screen . Green Mesh	1
4	H310117	Tractor Mount Rear Frame. - J.D.	Ref.
5	F040410	Bolt 1/4 unc x 1 Gr.8	6
6	F320400	Washer 1/4	12
7	F310400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

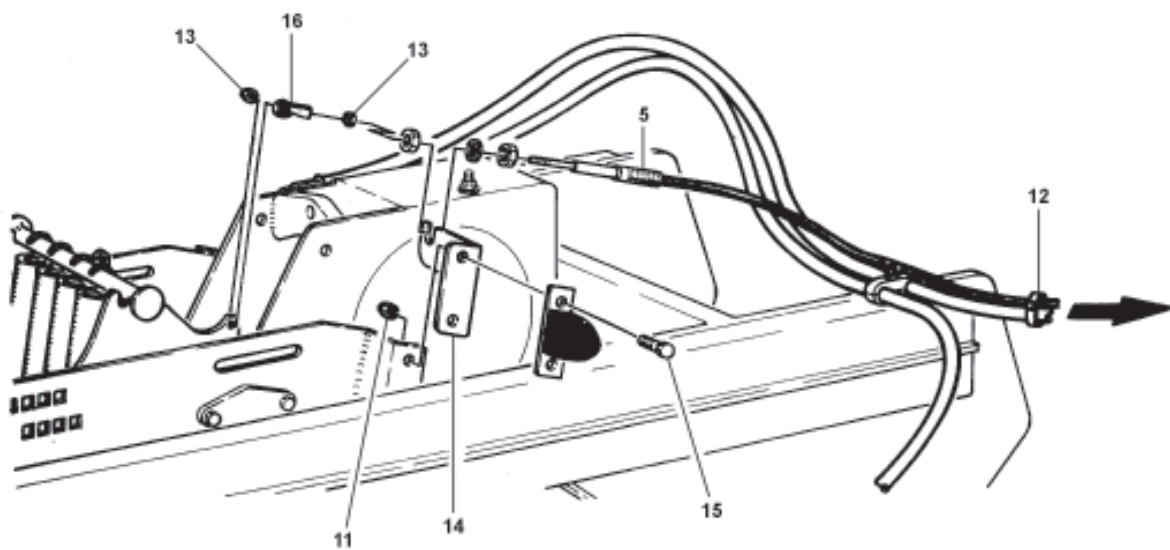
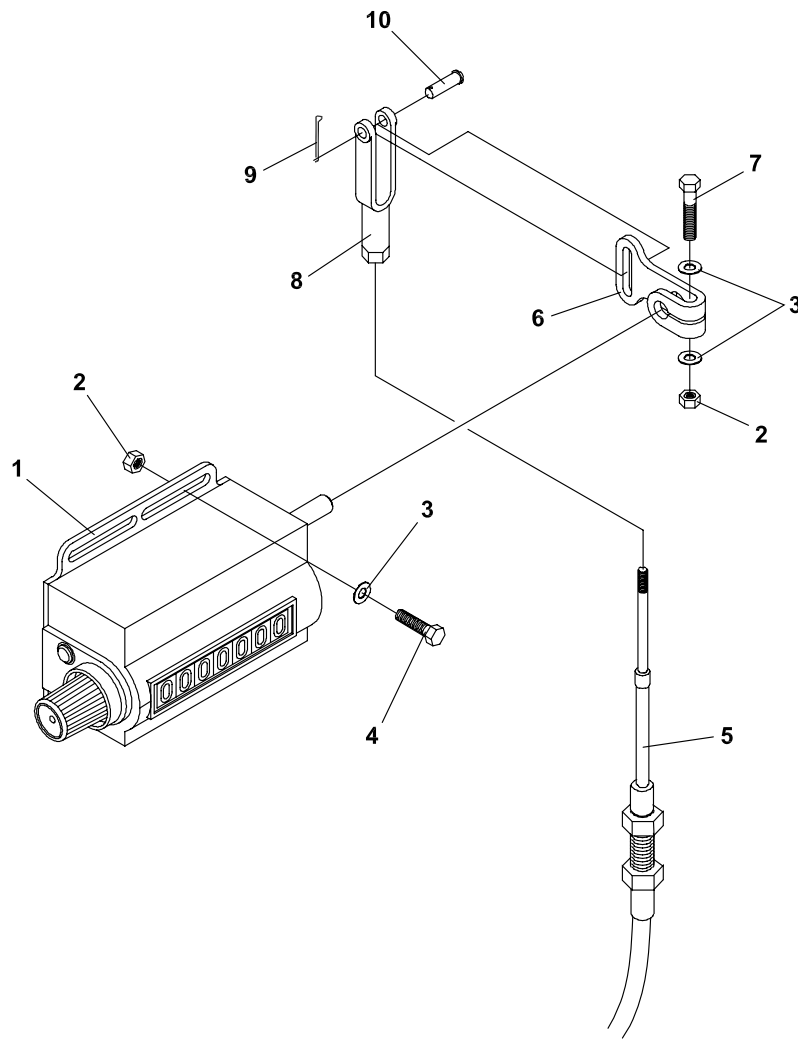


ITEM NO.	PART NO.	DESCRIPTION	QTY
FLAP ADJUSTER (LEVER OPERATED OPTION)			
1	H301190	Plate. Flap Adjust	1
2	F280450	Locknut 1/4-28 unf St. Stl.	1
3	F350400	Flatwasher 1/4 St. Stl.	2
4	F300450	Nut 1/4-28 unf St. Stl.	3
5	H101615	Linkage Rod	1
6	H301189	Bracket. Flap Adjust	1
7	F040412	Bolt 1/4-20 x 1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

NOTE

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



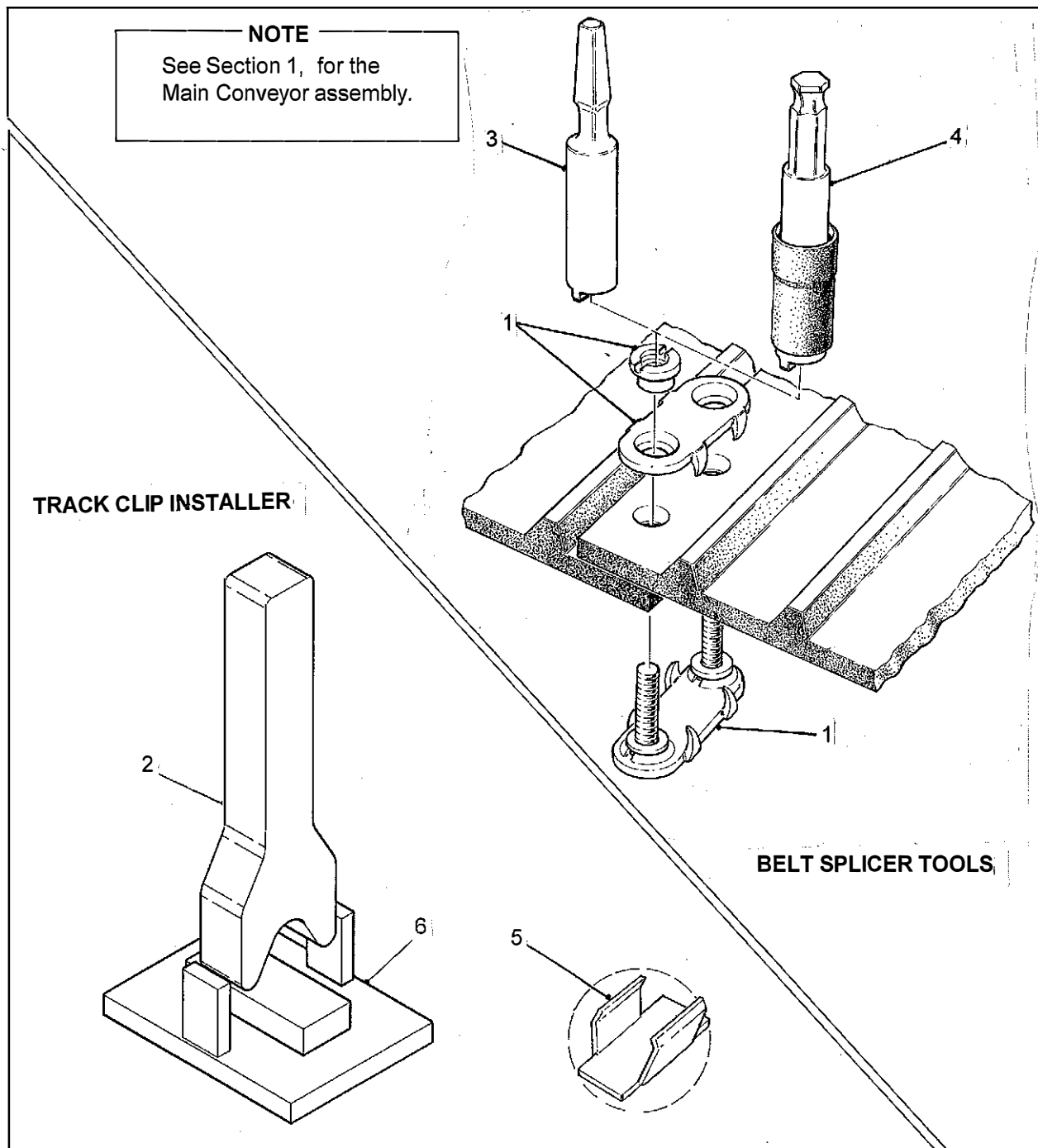


SOD HARVESTER

COUNTER (1580)

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	M5151	COUNTER-VEEDER ROOT	1				
2	64229-10	NUT-#10-24	5				
3	64163-60	WSHR.50X.203X18	6				
4	64152-10	10-24X3/4 MACH SCREW	4				
5	M5011	CABLE, PUSH PULL	1				
6	016686.7	ARM-COUNTER	1				
7	01-016	MACH SCREW-10-24 X 1	1				
8	43-Y0303F	YOKE-CLEVIS	1				
9	64140-2	COTTER PIN-1/16X1/2	1				
10	03-0305	CLEVIS PIN-3/16 X 5/8	1				
11	64141-4	NUT-WLF 3/8-16	2				
12	30-037	WIRE TIE	4				
13	64025-14	NUT-HEX #10-32	2				
14	016684.7	BRKT-COUNTER CABLE	1				
15	64139-24	BLT-WLF 3/8-16 X 1	2				
16	43-003SA	ROD END	1				

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





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