



BROUWER 6000-TS SOD HARVESTER



PARTS LIST

Provisional



Kesmac Inc.

23324 Woodbine Avenue, Keswick Ontario Canada L4P 0N1

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

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

Apr. 2025

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



STATEMENT OF LIMITED WARRANTY

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

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

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

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

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

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

BROUWER KESMAC RESPONSIBILITIES

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

DEALER'S RESPONSIBILITIES

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

OWNERS RESPONSIBILITIES

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

CONDITIONS THAT VOID WARRANTY

This warranty shall not apply to equipment which:

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

WARRANTY EXCEPTIONS

This warranty does not apply to the following items:

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

FREIGHT CARRIER DAMAGE

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

**BROUWER
6000-TS SOD HARVESTER**

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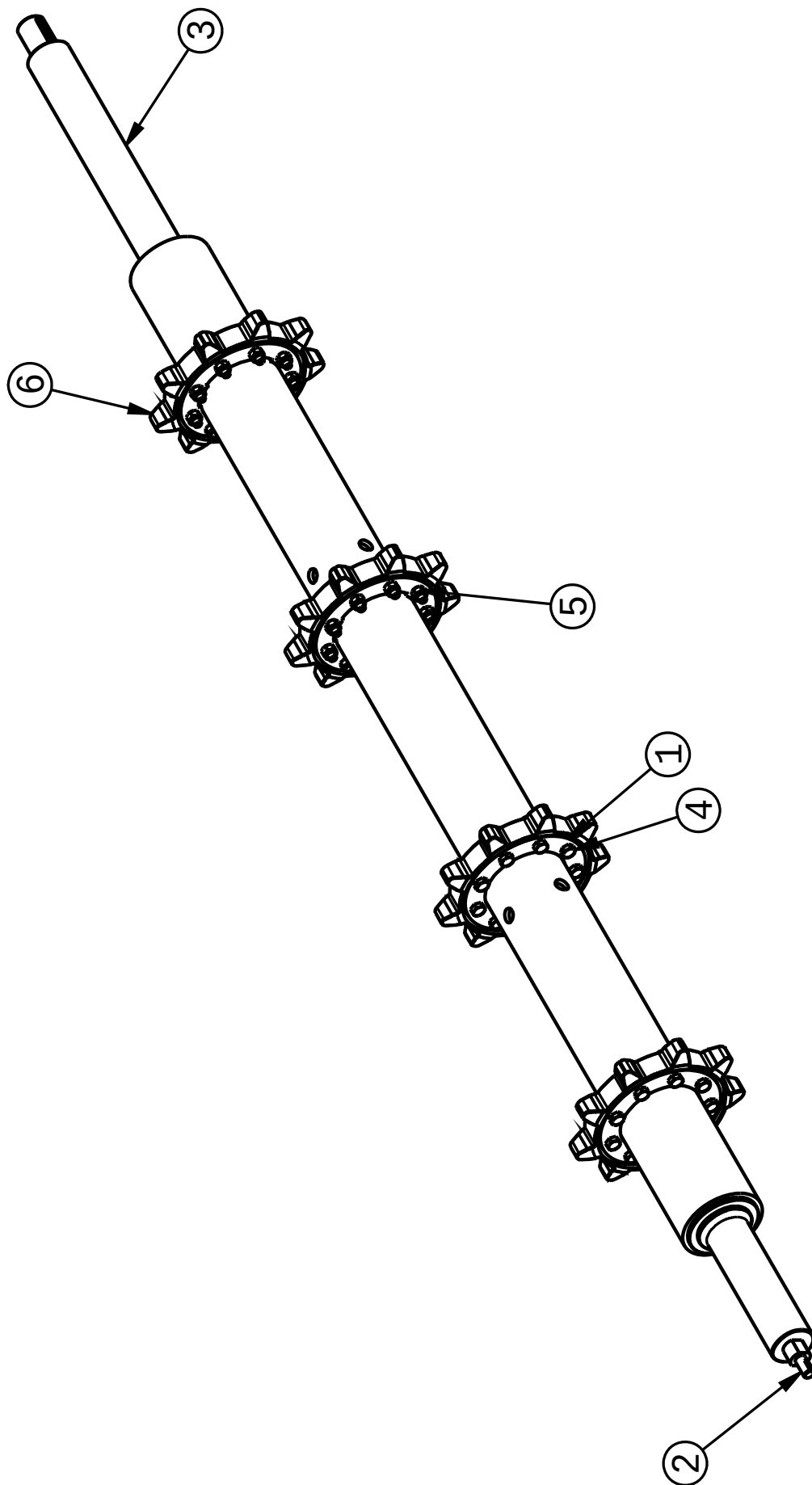
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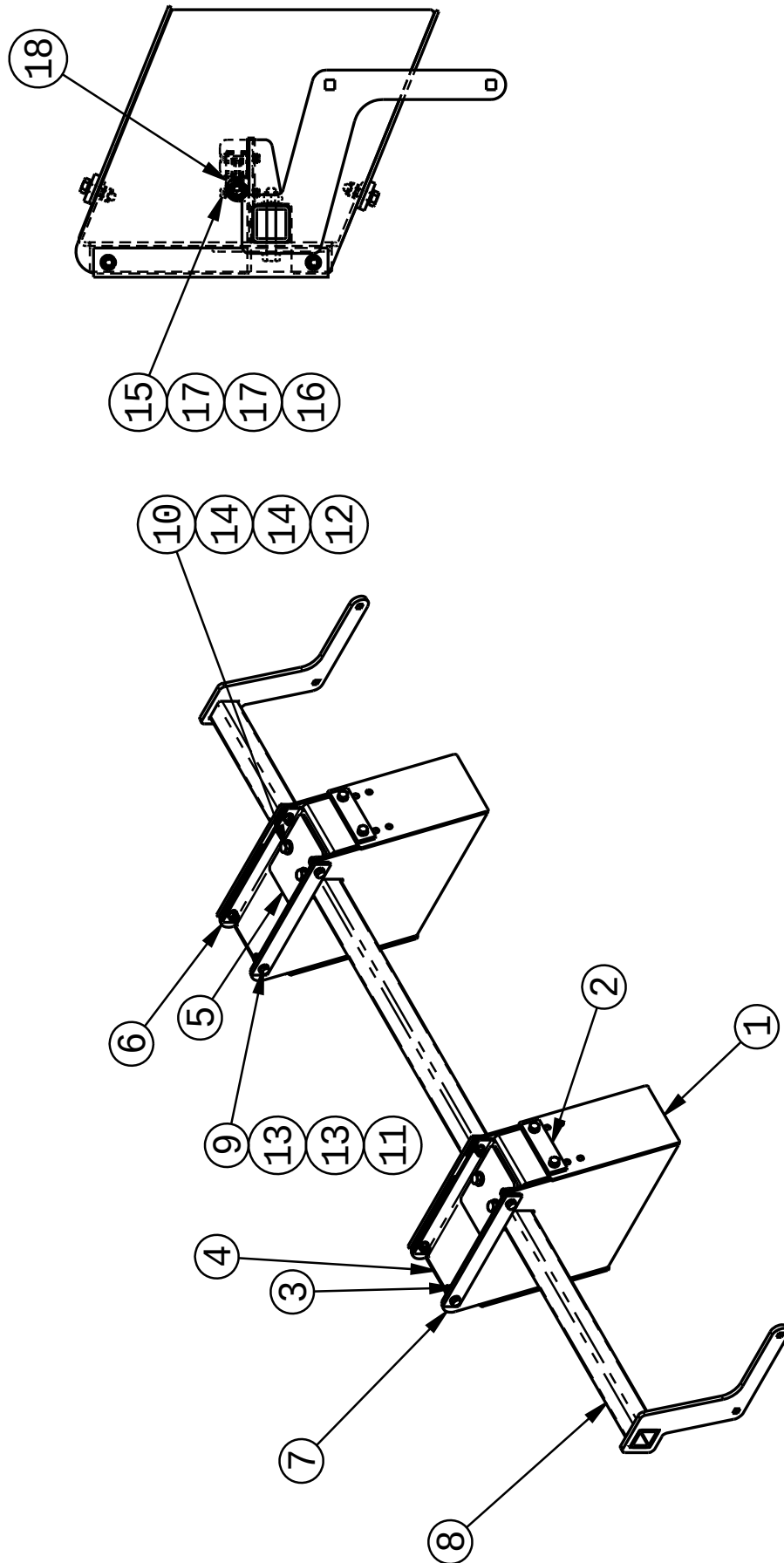
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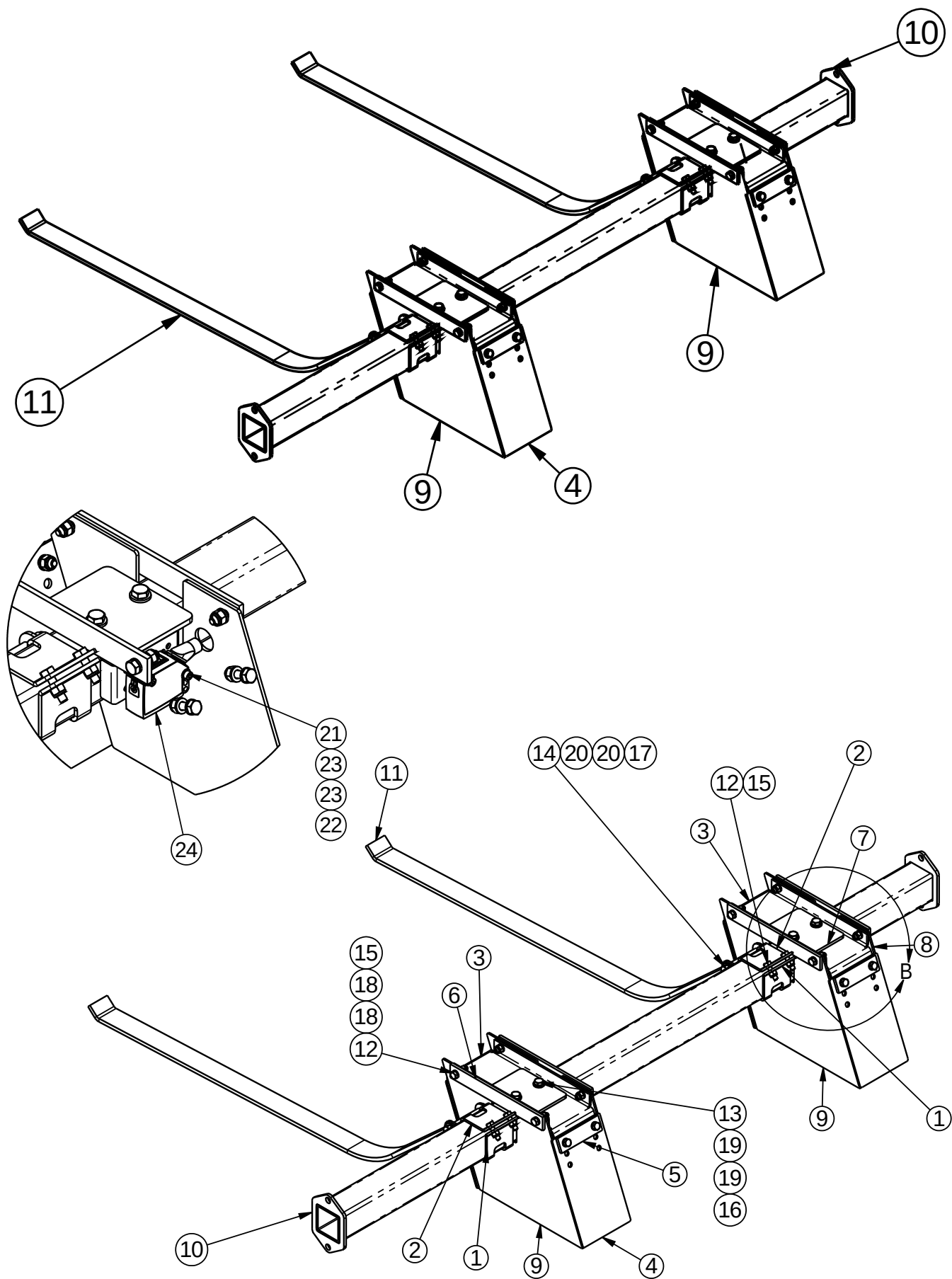
Brouwer 6000-TS Sod Harvester
Main Conveyor Drive Shaft

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B110183	8	SPLIT CLAMP RING CONVEYOR SPROCKET 3.00 I.D.
2	B110751	1	MAIN CONVEYOR ENCODER SHAFT
3	B310041	1	MAIN CONVEYOR DRIVE SHAFT
4	F040412	36	HEX BOLT - 1/4 -20 UNC x 1-1/4 GR 8
5	F210400	36	1/4-20 UNC NYLOC NUT
6	KD20001	4	CONVEYOR SPROCKET



**Brouwer 6000-TS Sod Harvester
Sod Edge Sensor Mounting Bar**

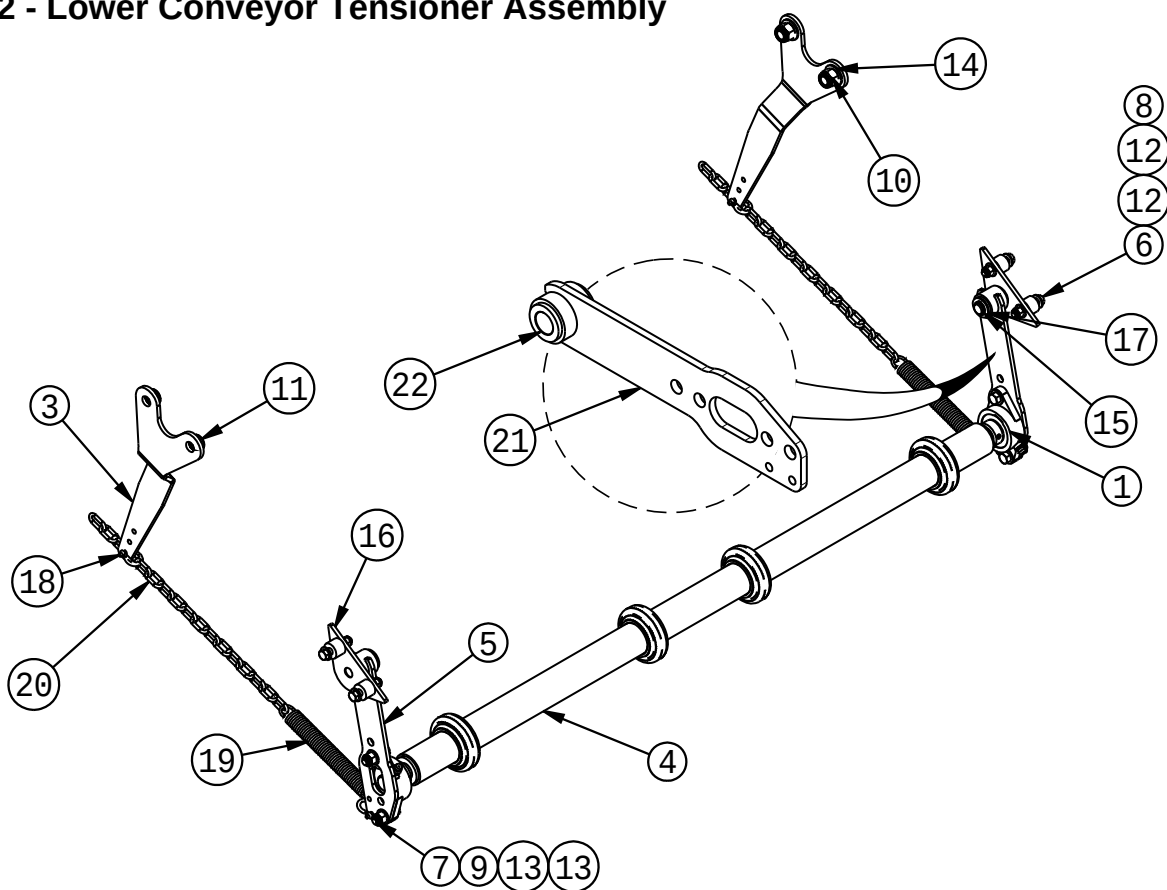
ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B111101	4	FRONT SENSOR CURTAIN
2	B111102	4	CONVEYOR SENSOR CURTAIN BAR
3	B111103	4	CONVEYOR SENSOR SIDE CURTAIN BAR
4	B111104	2	REAR SENSOR COVER
5	B111105	2	SENSOR COVER BACKING PLATE
6	B111108	2	REAR SIDE SENSOR CURTAIN LH
7	B111109	2	REAR SIDE SENSOR CURTAIN RH
8	B310122	1	CONVEYOR SOD EDGE DETECTION WELDMENT
9	F040410	16	HEX BOLT - 1/4 -20 UNC x 1.00 Gr 8
10	F040522	4	BOLT - HEX HEAD 5/16 -18 UNC x 2.25 LG. GR 8
11	F210400	16	1/4-20 UNC NYLOC NUT
12	F210500	4	NUT-5/16 UNC NYLOC
13	F330400	32	1/4 SAE FLAT WASHER
14	F330500	8	5/16 SAE WASHER
15	G1804030	4	BOLT - HEX SOCKET M4 - 0.7 x 30 MM LG.
16	G270400	4	HEX NUT - NYLOC JAM M4-0.7
17	G330400	8	WASHER - M4 TYPE A
18	KE10389	2	DIFFUSE SENSOR W16



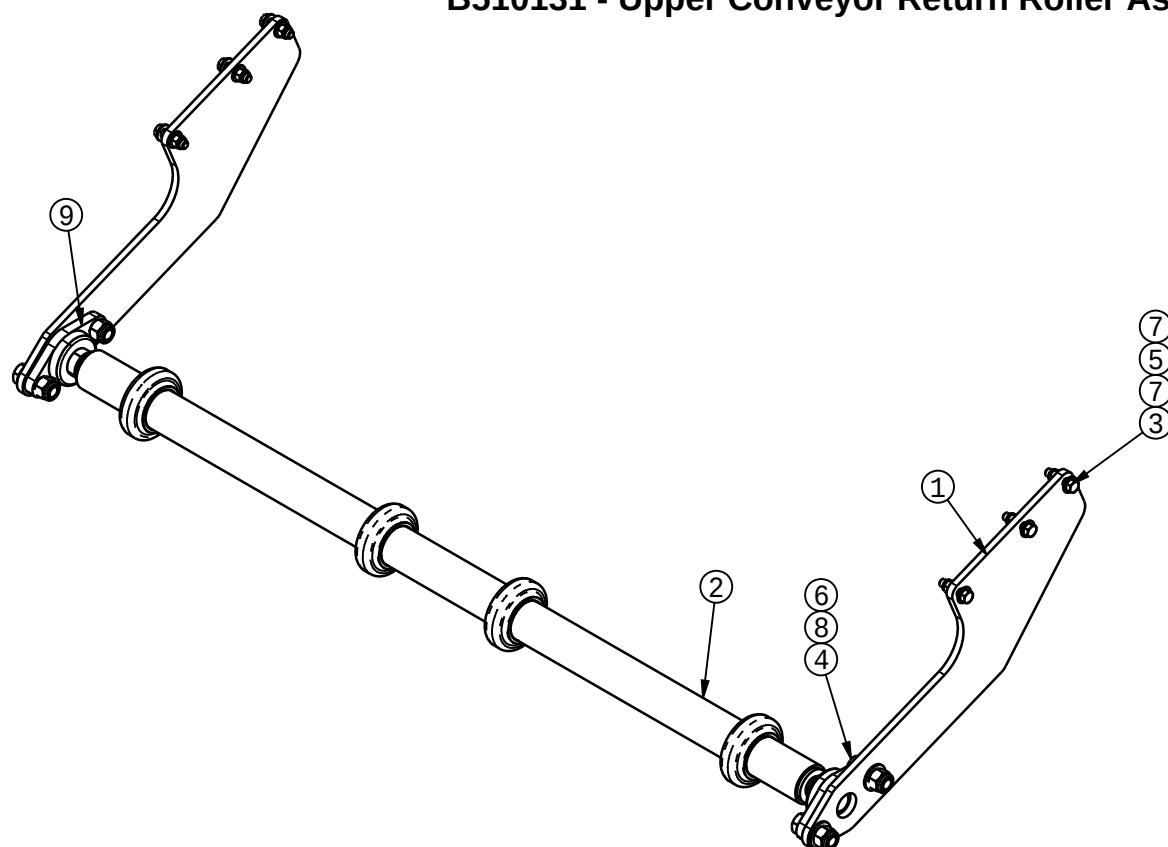
Brouwer 6000-TS Sod Harvester
Conveyor Sod Edge and Traction Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	A100329	2	HSS TUBE CLAMP 2 x 2 TUBE
2	A100330	2	HSS TUBE CLAMP 2 x 2 TUBE LIFT LUG
3	B111100	2	FRONT SENSOR COVER
4	B111101	4	FRONT SENSOR CURTAIN
5	B111102	4	CONVEYOR SENSOR CURTAIN BAR
6	B111103	4	CONVEYOR SENSOR SIDE CURTAIN BAR
7	B111105	2	SENSOR COVER BACKING PLATE
8	B111106	2	FRONT SIDE SENSOR CURTAIN LH
9	B111107	2	FRONT SIDE SENSOR CURTAIN RH
10	B310034	1	SOD STABILIZER MOUNTING TUBE
11	B310228	4	SOD STABILIZER BAR UPPER WELDMENT
12	F040410	24	HEX BOLT - 1/4 -20 UNC x 1.00 Gr 8
13	F040530	4	BOLT-5/16 UNC X 3.00 GR 8
14	F040634	2	BOLT-3/8 UNC X 3 1/2 GR 8
15	F210400	24	1/4-20 UNC NYLOC NUT
16	F210500	4	NUT-5/16 UNC NYLOC
17	F210600	2	HEX LOCK NUT - 3/8 -16 UNC
18	F330400	32	1/4 SAE FLAT WASHER
19	F330500	8	5/16 SAE WASHER
20	F330600	4	FLAT WASHER SAE 3/8
21	G1804035	4	BOLT - HEX SOCKET M4 - 0.7 x 35 MM LG.
22	G270400	4	HEX NUT - NYLOC JAM M4-0.7
23	G330400	8	WASHER - M4 TYPE A
24	KE10389	2	DIFFUSE SENSOR W16

B510132 - Lower Conveyor Tensioner Assembly



B510131 - Upper Conveyor Return Roller Assembly



Brouwer 6000-TS Sod Harvester
Lower Conveyor Tensioner & Upper Conveyor Return Roller Assemblies

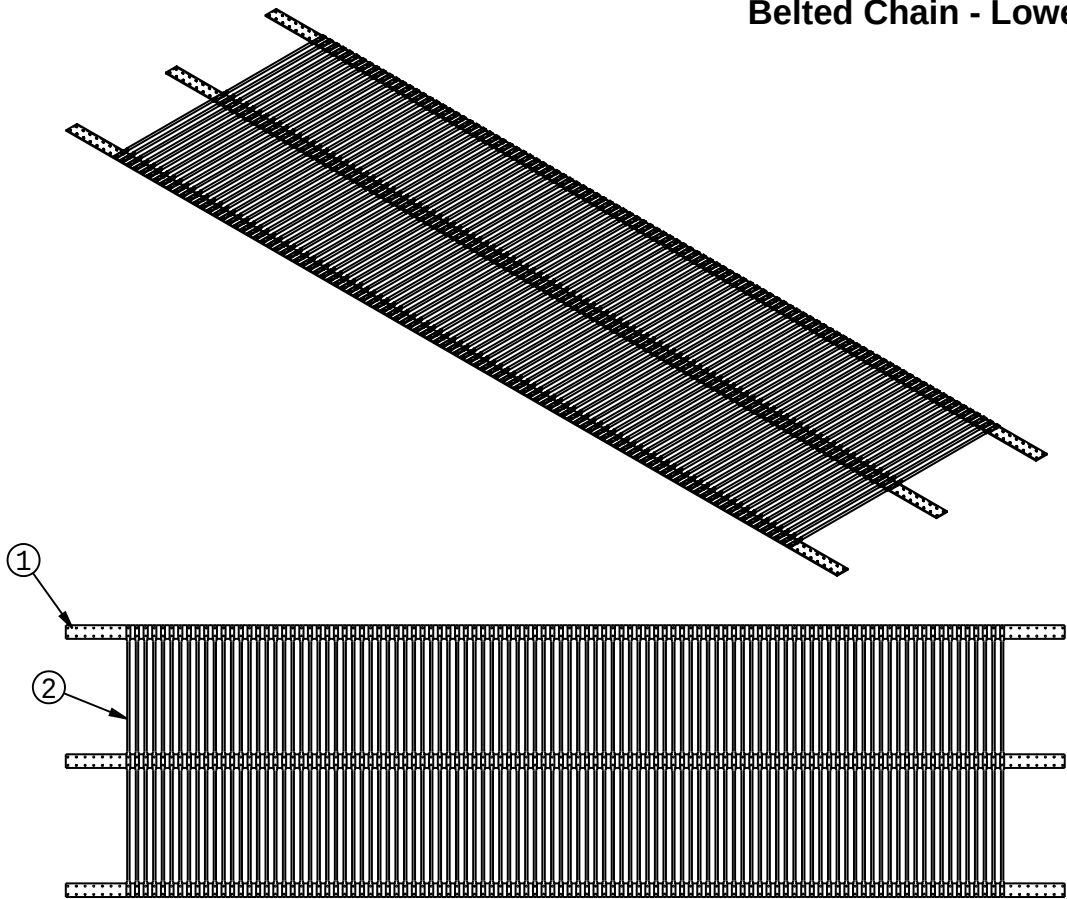
B510132 - Lower Conveyor Tensioner Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	55FB23016	2	BEARING - 1.00 DIA. - 2 BOLT
2	B111129	4	TENSIONER PIVOT SPACER
3	B111130	2	BELT TENSIONER SPRING ATTACHMENT PLATE
4	B310108	1	MAT RETURN LOWER CONVEYOR IDLER
5	B510130	2	TENSIONER ARM ASSEMBLY
6	F040620	4	BOLT - HEX HD 3/8-16 UNC x 2.00 LG. GR 8
7	F040714	4	BOLT - 7/16 UNC x 1 1/2 Gr 8
8	F210600	4	HEX LOCK NUT - 3/8 -16 UNC
9	F210700	4	HEX LOCK NUT - 7/16 UNC
10	F211000	2	NUT-5/8 UNC NYLOC
11	F211000	2	JAM NUT-5/8 UNC NYLOC
12	F330600	8	FLAT WASHER SAE 3/8
13	F330700	8	7/16 SAE FLAT WASHER
14	F331000	4	FLAT WASHER SAE 5/8 IN.
15	F830074	2	EXTERNAL RETAINING RING - 0.75 IN.
16	H301031	2	FEED ROLLER PIVOT
17	KB12220	2	THRUST WASHER 1.25 X 0.75 X 0.06
18	KC01002	4	3/16 SHACKLE - 1/2 TONNE WORKING LOAD
19	KS20002	2	EXTENSION SPING 0.135 WIRE x 1.06 O.D. x 8.00
20	O8402-17.00	2	3/16 PLATED CHAIN - 17 LINKS
21	B310221	2	TENSIONER ARM WELDMENT 6000
22	KB11212	4	FLANGED BUSHING - 0.75 I.D.

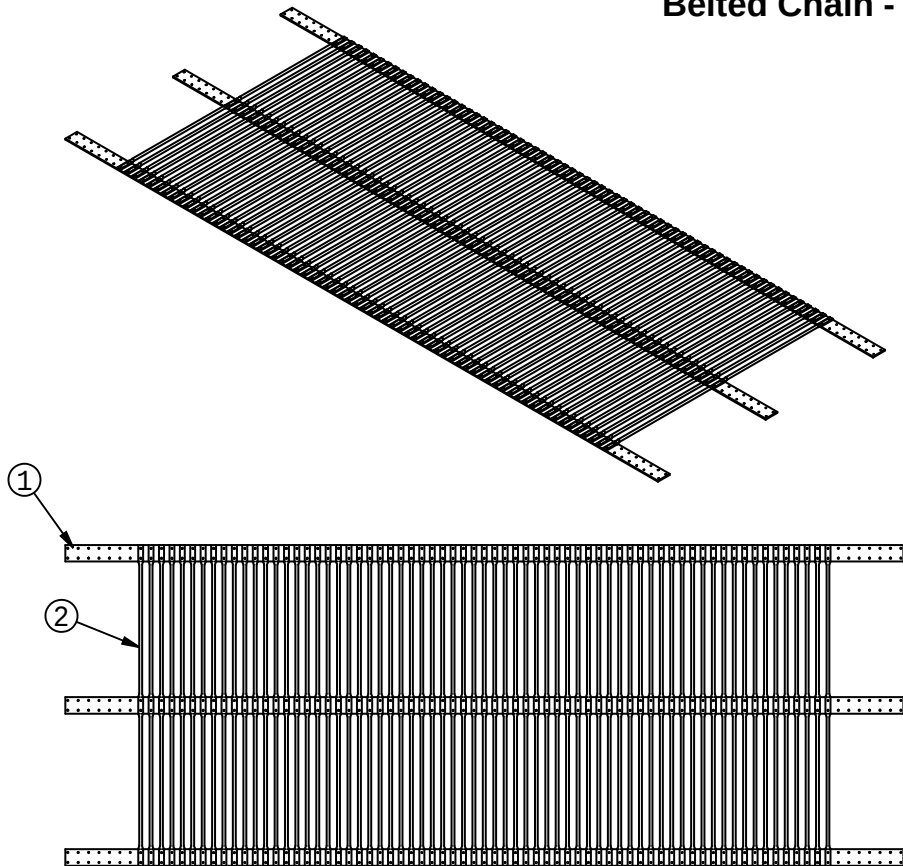
B510131 - Upper Conveyor Return Roller Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B111123	2	MIDDLE CONVEYOR RETURN IDLER
2	B310108	1	MAT RETURN LOWER CONVEYOR IDLER
3	F040614	6	HEX HD BOLT - 3/8-16 UNC x 1.50 GR 8
4	F041016	4	BOLT - 5/8 UNC X 1 3/4 Gr 8
5	F210600	6	HEX LOCK NUT - 3/8 -16 UNC
6	F211000	4	NUT-5/8 UNC NYLOC
7	F330600	12	FLAT WASHER SAE 3/8
8	F331000	4	FLAT WASHER SAE 5/8 IN.
9	KB32016	2	FLANGE BEARING 1.00 DIA.

Belted Chain - Lower Conveyor



Belted Chain - Upper Conveyor



**Brouwer 6000-TS Sod Harvester
Belted Chain - Lower & Upper Conveyors**

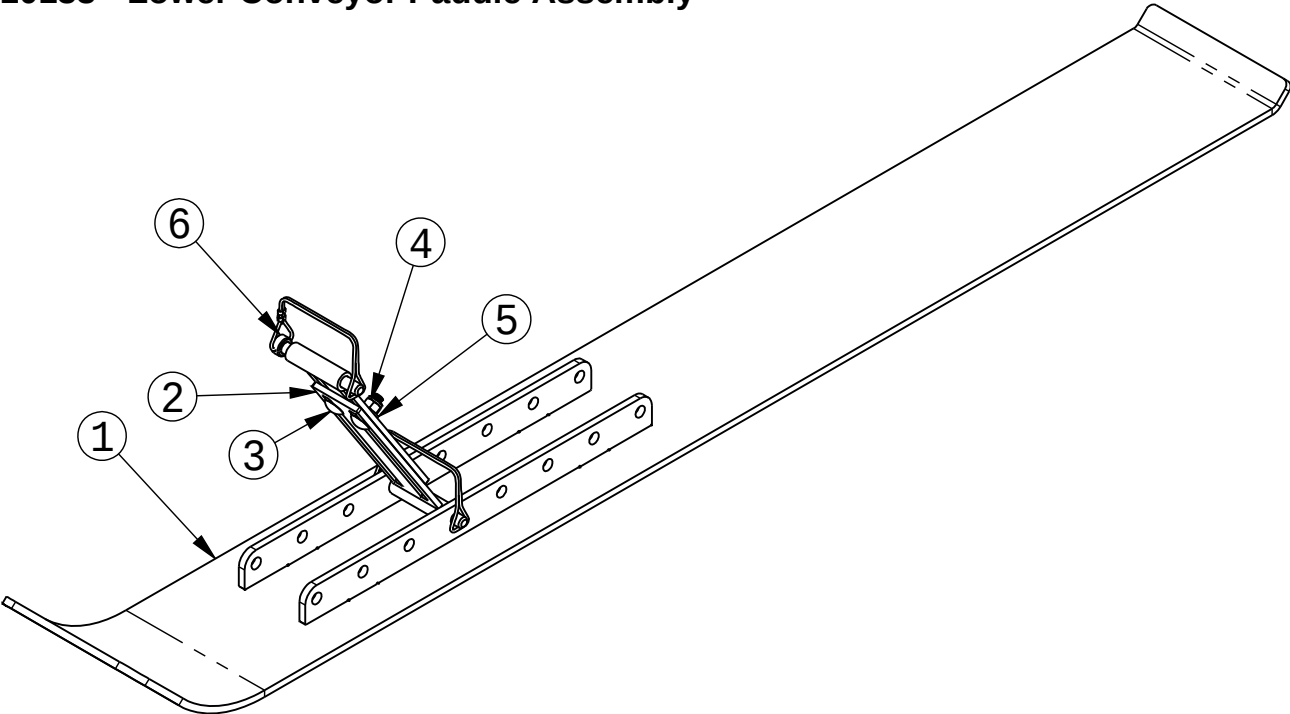
KR50002 - Belted Chain 49.5 in. x 171.5 in. Finished Length - Lower Conveyor

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	KR50002	3	BELT - BELTED CHAIN LOWER CONVEYOR
2	KR50002-BAR	102	BELTED CHAIN STRAIGHT ROD 7/16 DIA. 49.5 LG.

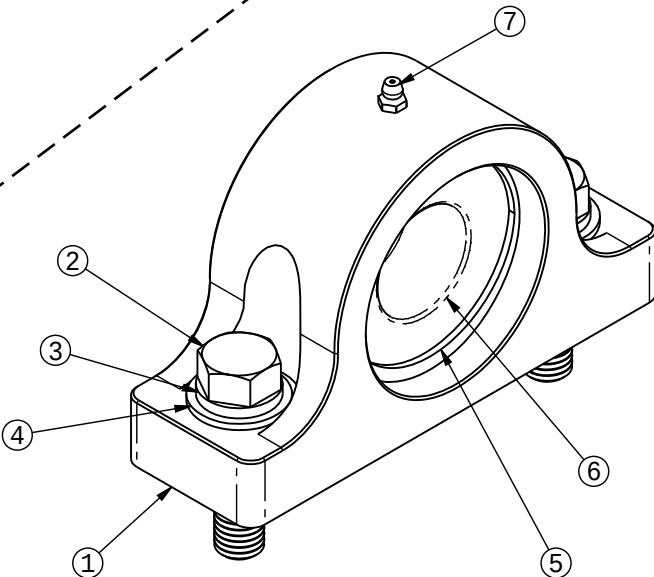
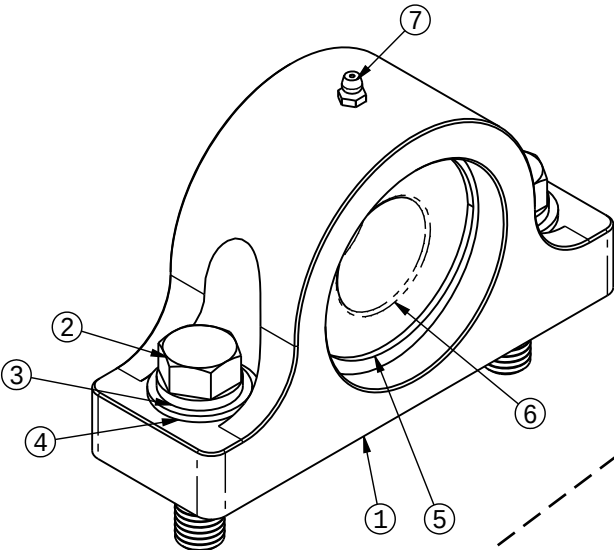
KR50005 - Belted Chain 48.5 in. x 116.5 in. Finished Length - Upper Conveyor

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	KR50005	3	BELT - BELTED CHAIN UPPER CONVEYOR
2	KR50005-BAR	67	BELTED CHAIN STRAIGHT ROD 7/16 DIA. 48.5 LG.

B510133 - Lower Conveyor Paddle Assembly



B510137 - Pillow Block Machined Assembly



B510138 - Pillow Block Machined Assembly Outer

Brouwer 6000-TS Sod Harvester
Lower Conveyor Paddle & Pillow Block Bearing Assemblies

B510133 - Lower Conveyor Paddle Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B310234	1	LOWER CONVEYOR SOD PADDLE
2	B310235	2	LOWER CONVEYOR PADDLE MOUNTING BAR
3	F020510	2	5/16-18 X 1 LG CARRAGE BOLT
4	F210500	2	NUT-5/16 UNC NYLOC
5	F330500	2	5/16 SAE WASHER
6	KX30630	2	PINS - LYNCH 3/8 IN. x 3.00

B510137 - Pillow Block Machined Assembly

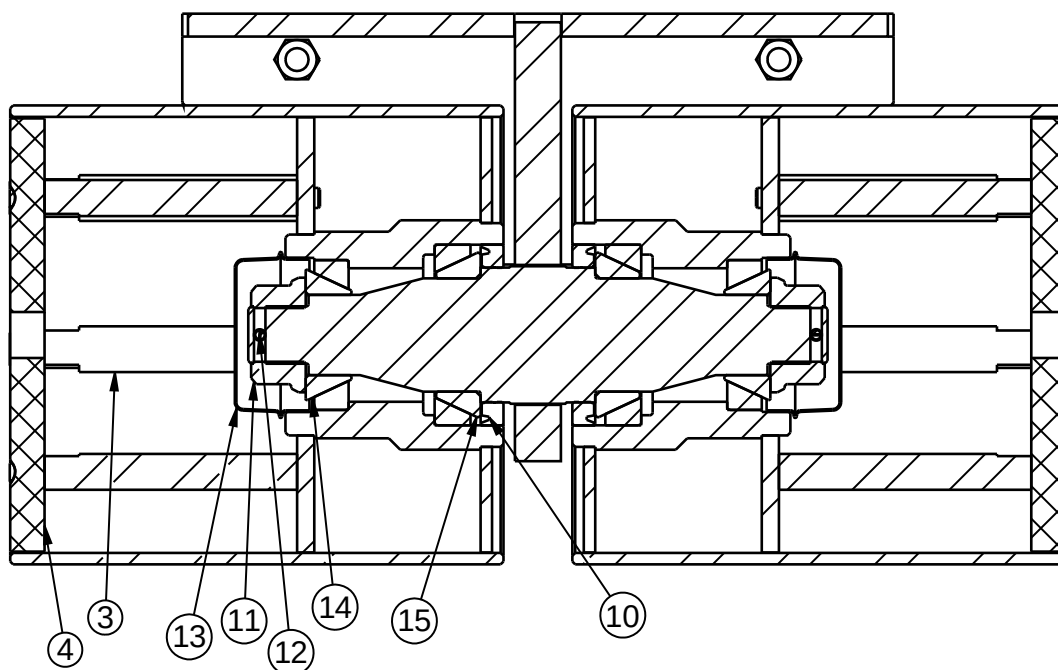
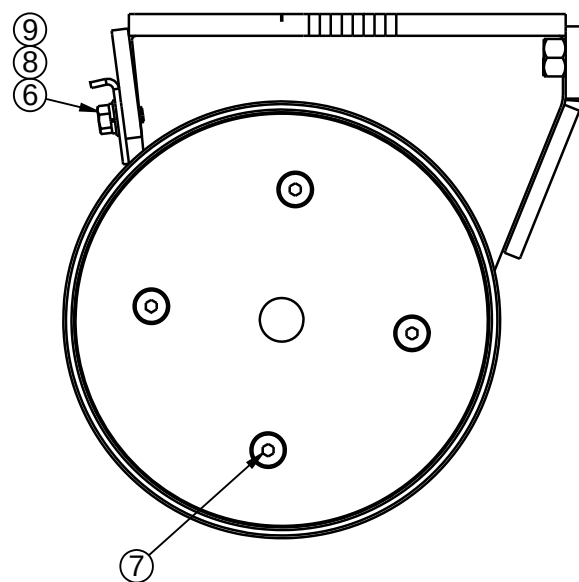
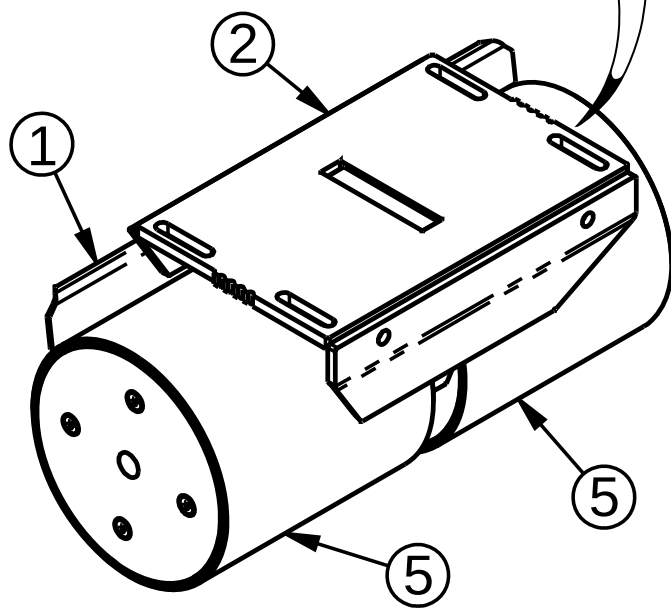
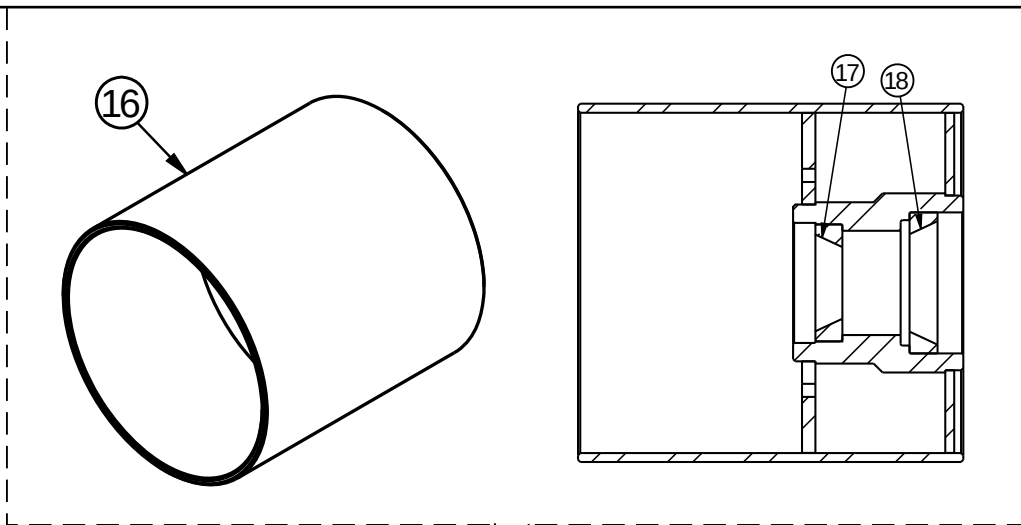
ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B101460-MILL	1	PILLOW BLOCK WITH MILLED BASE
2	F041022	2	BOLT - 5/8 UNC X 2 1/4 Gr 8
3	F311000	2	LOCK WASHER - 5/8
4	F331000	2	FLAT WASHER SAE 5/8 IN.
5	G815080	1	RETAINING RING - INTERNAL - 80 mm
6	KB16335	1	SPHERICAL ROLLER BEARING 40 mm
7	KM11400	1	STRAIGHT GREASE FITTING

B510138 - Pillow Block Machined Assembly Outer

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B110871-MILL	1	PILLOW BLOCK OUTER WITH MILLED BASE
2	F041022	2	BOLT - 5/8 UNC X 2 1/4 Gr 8
3	F311000	2	LOCK WASHER - 5/8
4	F331000	2	FLAT WASHER SAE 5/8 IN.
5	G815080	1	RETAINING RING - INTERNAL - 80 mm
6	KB16335	1	SPHERICAL ROLLER BEARING 40 mm
7	KM11400	1	STRAIGHT GREASE FITTING

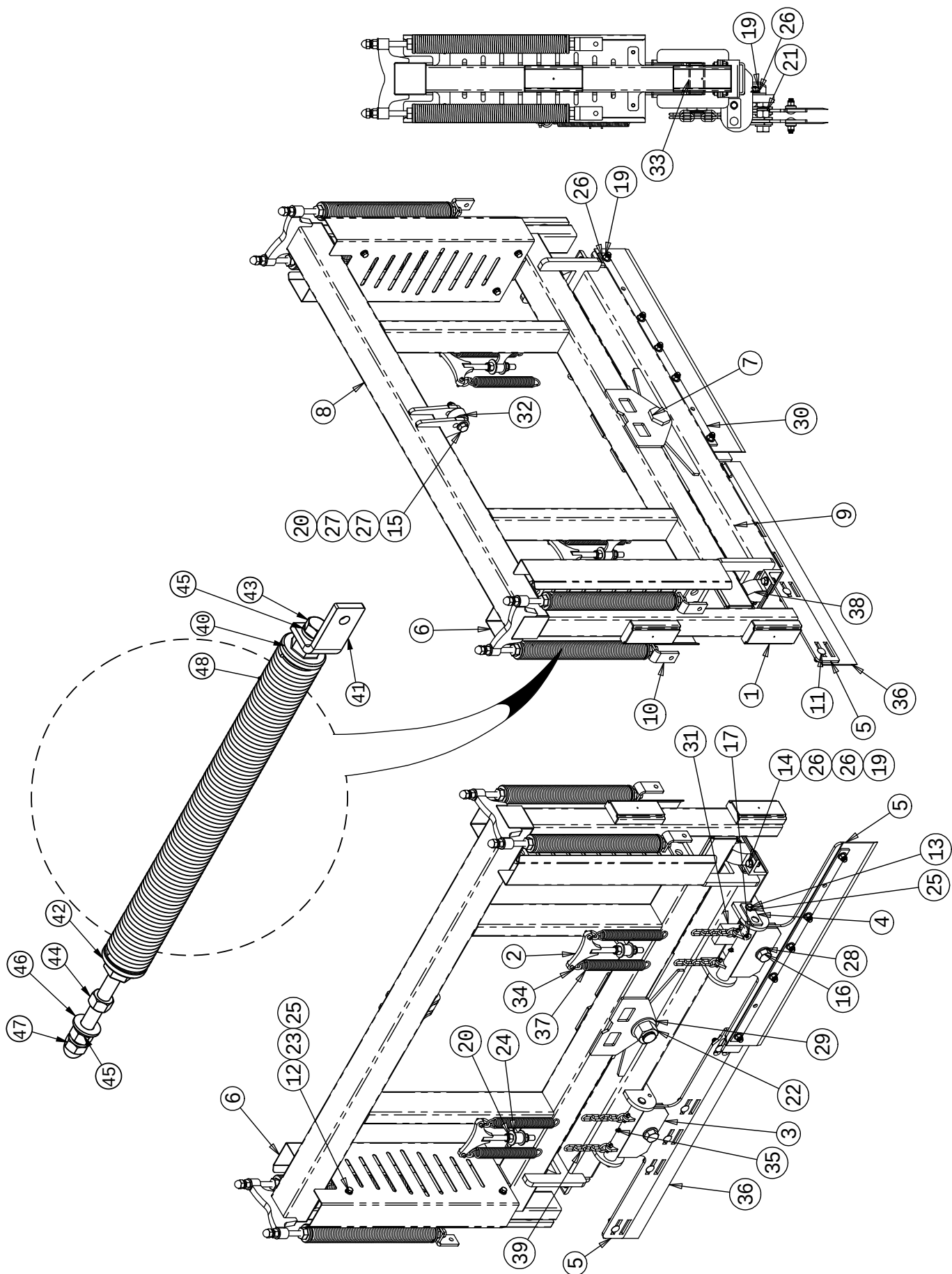
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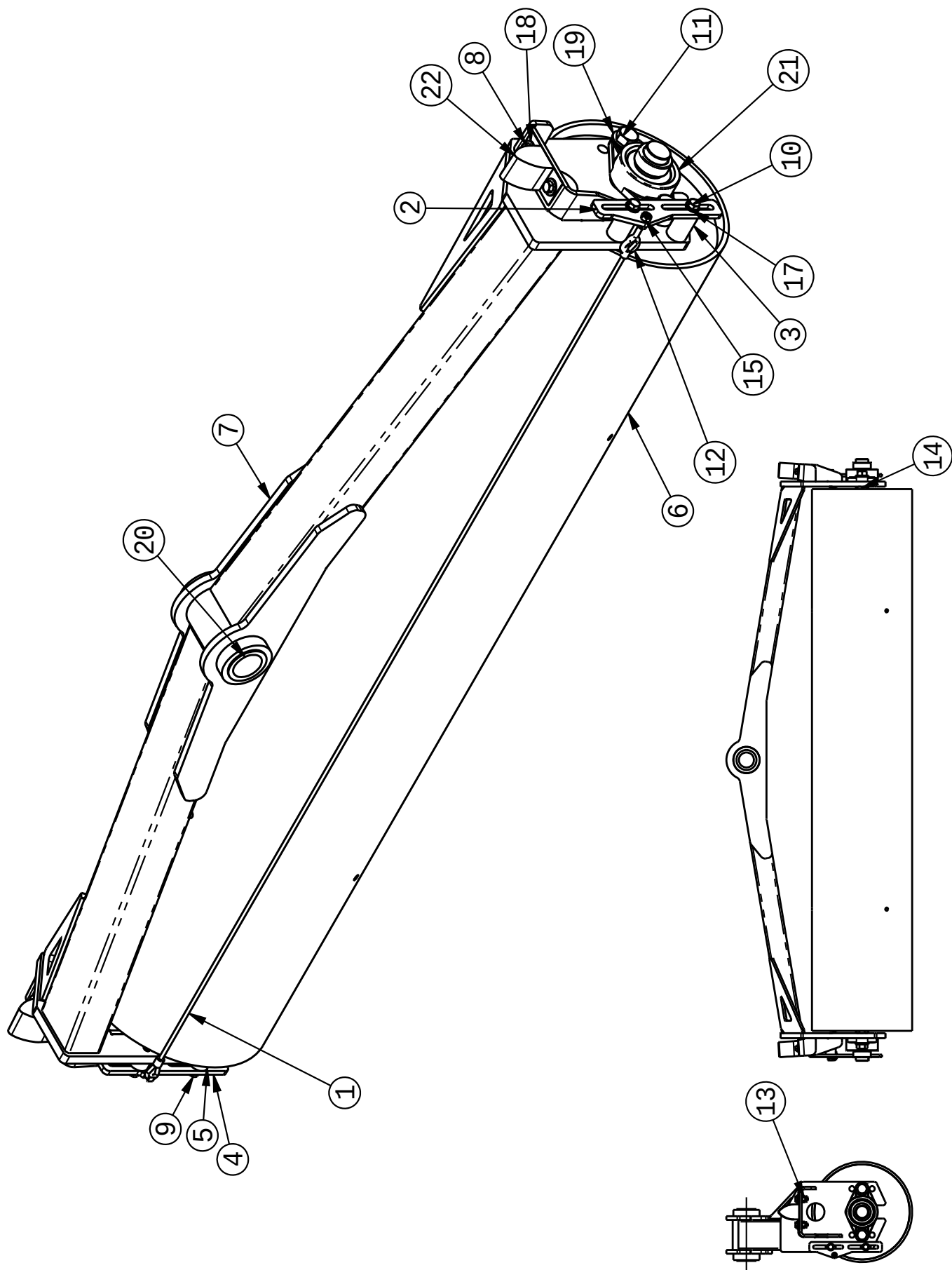
Brouwer 6000-TS Sod Harvester
Inner Ground Roller Assembly 24 in.

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	A101153	1	SCRAPER BLADE 24 IN. TWO PIECE 10 IN. DIA. ROLLER
2	A300213	1	TWO PIECE ROLLER BRACKET 24 IN. HEAD SLAB-MATIC
3	B110757	8	GROUND ROLLER FILLER STAND OFF
4	B110758	2	GROUND ROLLER FILLER
5	B510021	2	GROUND ROLLER WITH CUPS
6	F040606	2	BOLT 3/8 UNC X 3/4 . Gr 8
7	F120712	8	SCREW - 7/16 UNC HEX SOC, FLAT HD x 1.25 Lg
8	F310600	2	LOCK WASHER - 3/8
9	F330600	2	FLAT WASHER SAE 3/8
10	KB90014	2	MULTI-LIP SEAL - 2.938 I.D.
11	KX20002	2	SLOTTED HEX FLANGE NUT 1 1/4 -12
12	KX20003	2	COTTER PIN
13	KX20004	2	DUST CAP
14	KX20016	2	OUTER CONE 4T-25581
15	KX20018	2	INNER CONE 28995
16	B310030	1	GROUND ROLLER 10 IN. WELDMENT
17	KX20017	1	OUTER CUP 4T-25520
18	KX20019	1	INNER CUP 28921



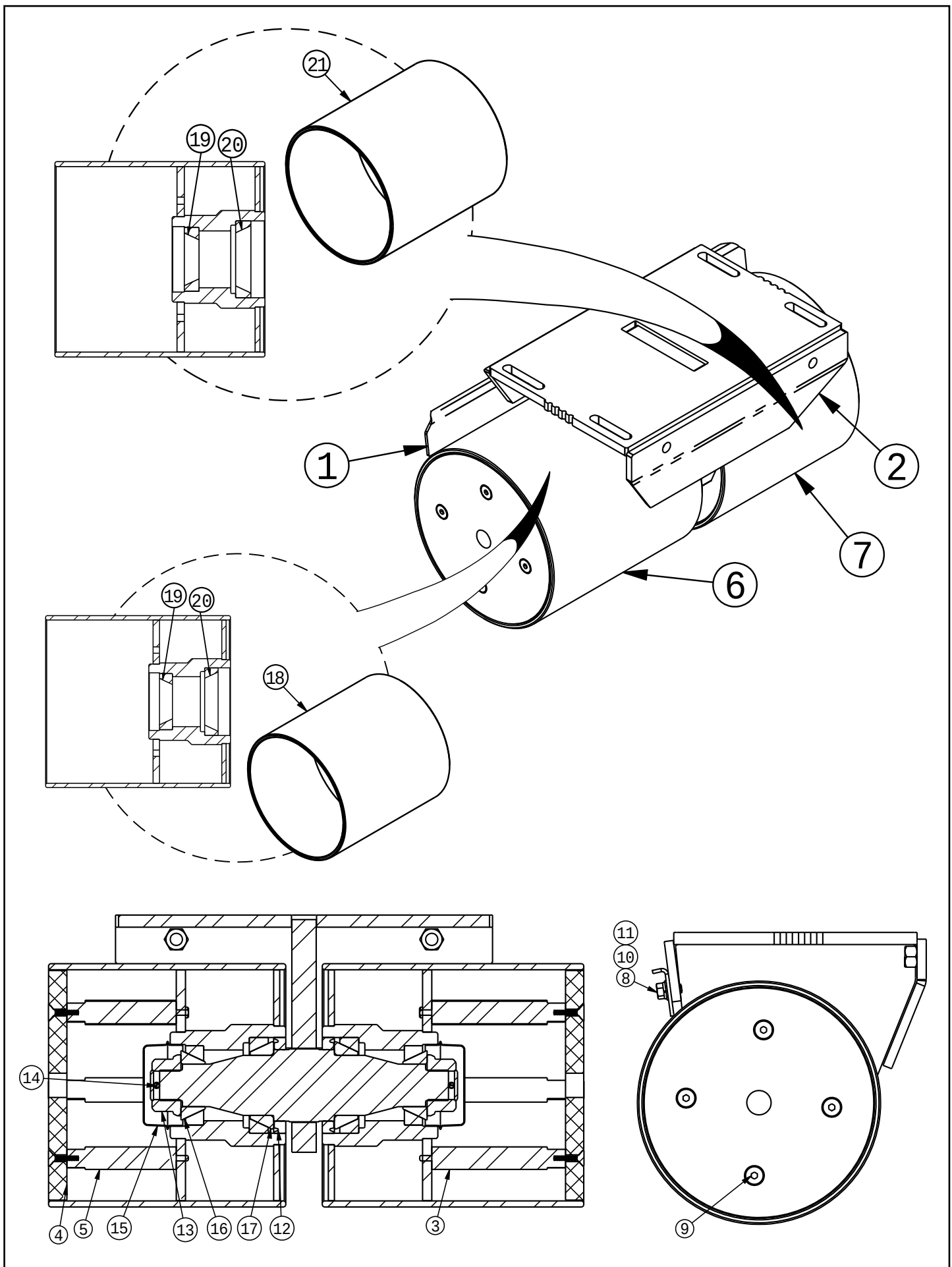
Brouwer 6000-TS Sod Harvester Cut Off Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	A100747	4	BED SCISSOR & CUT OFF SLIDER BLOCK
2	A300061	2	SPRING MOUNTING WELDMENT CUT OFF BLADE
3	A300123	2	BLADE HOLDER PIVOT
4	A300192	2	CUT OFF BLADE PIVOT PIN
5	B110796	2	BLADE HOLDER 24 IN. ADJUSTABLE
6	B110890	2	CUT OFF BUMPER GUARD
7	B111114	1	CUT OFF PIVOT BOLT
8	B310032	1	CUT OFF FRAME WELDMENT 24 IN.
9	B310111	1	CUT OFF FRAME BLADE MOUNTING WELDMENT 24 IN.
10	B510048	4	CUT OFF SPRING ASSEMBLY
11	F020612	10	CARRIAGE BOLT - 3/8 UNC x 1 1/4
12	F040506	8	BOLT - 5/16 UNC x 3/4 Gr 8
13	F040512	2	BOLT - 5/16 -18 UNC x 1 1/4 Gr 8
14	F040610	4	BOLT - 3/8 UNC x 1.0 Gr 8
15	F040830	1	BOLT - HEX HEAD 1/2 -UNC x 3.00 LG. GR 8
16	F041216	2	HEX HEAD BOLT 3/4-10UNC X 1.75 LG
17	F120614	1	FLAT HEAD HEX SOC - 3/8 -16 UNC x 1.50 LG.
18	F210500	2	NUT-5/16 UNC NYLOC
19	F210600	15	HEX LOCK NUT - 3/8 -16 UNC
20	F210800	5	NUT-1/2 UNC NYLOC
21	F211200	2	NYLOC NUT 3/4 UNC
22	F212002	1	STOVER NUT - 1 1/4 -7 UNC
23	F310500	8	LOCK WASHER - 5/16
24	F320800	4	1/2 USS FLAT WASHER ZN PL
25	F330500	12	5/16 SAE WASHER
26	F330600	19	FLAT WASHER SAE 3/8
27	F330800	4	1/2 SAE FLAT WASHER
28	F331200	2	SAE FLAT WASHER - 3/4 IN.
29	F332000	1	FLAT WASHER - 1 1/4 SAE
30	H100169	2	CUT OFF BLADE CLAMP 24 IN.
31	H100546	1	BLADE BUMPER 2200
32	KB12127	1	CAM FOLLOWER 1.75 O.D.
33	KB12814	1	BUSHING CUT OFF PIVOT
34	KC01002	8	3/16 SHACKLE - 1/2 TONNE WORKING LOAD
35	KM11400	2	STRAIGHT GREASE FITTING
36	KR27001	2	STRAIGHT CUT OFF BLADE - 27.0 IN.
37	KS20002	4	EXTENSION SPING 0.135 WIRE x 1.06 O.D. x 8.00
38	KS60001	2	BUMPER REBOUND
39	Q8402-04.00	4	CHAIN 3/16 PLATED CHAIN - 4 LINKS
40	A100927	1	THREADED INSERT CUT OFF SPRING
41	A100963	1	CUT OFF SPRING ATTACHMENT BRACKET
42	B300230	1	UPPER SPRING TENSIONER
43	F040812	1	BOLT - 1/2 UNC X 1 1/4 Gr 8
44	F230800	2	HEX NUT - 1/2 UNC - ZINC PLATED
45	F310800	2	LOCK WASHER - 1/2
46	F330800	1	1/2 SAE FLAT WASHER
47	F460800	1	ACORN NUT 1/2 -13 UNC NYLON 6-6
48	KS20009	1	EXTENSION SPRING CUT OFF



Brouwer 6000-TS Sod Harvester
Front Roller Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B110659	1	FRONT ROLLER WIRE ROPE SCRAPER
2	B110660	1	CABLE SCRAPER MOUNT
3	B110661	2	WIRE SCRAPER SPACER RH
4	B110792	1	CABLE SCRAPER HOOK MOUNT
5	B110854	2	WIRE SCRAPER SPACER LH
6	B310044	1	FRONT GROUND ROLLER
7	B310118	1	FRONT ROLLER MOUNT
8	F040510	4	HEX BOLT - 5/16 - 18 UNC x 1.0 LG. GR. 8
9	F040514	2	BOLT - 5/16 -18 UNC x 1 1/2 Gr 8
10	F040524	2	HEX BOLT - 5/16 -18 UNC x 2 1/2 Gr 8
11	F041014	4	BOLT - 5/8 UNC X 1 1/2 Gr 8
12	F050414	1	BENT EYE BOLT - 1/4 UNC x 2.50 OVERALL LENGTH
13	F210600	4	HEX LOCK NUT - 3/8 -16 UNC
14	F221000	4	HEX JAM NUT - 5/8 UNC
15	F230400	2	HEX NUT - 1/4" UNC
16	F310500	2	LOCK WASHER - 5/16
17	F330500	4	5/16 SAE WASHER
18	F330600	8	FLAT WASHER SAE 3/8
19	F331000	4	FLAT WASHER SAE 5/8 IN.
20	KB11818	2	FLANGE BEARING - 1.50 I.D. x 1.50 LG.
21	KB32020	2	FLANGE BEARING 1.25 DIA. 2 BOLT
22	KS60001	2	BUMPER REBOUND



Brouwer 6000-TS Sod Harvester
Ground Roller Assembly 24 in.

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	A101154	1	SCRAPER BLADE OUTSIDE HEAD 24 IN.
2	A300213	1	TWO PIECE ROLLER BRACKET 24 IN. HEAD SLAB-MATIC
3	B110757	4	GROUND ROLLER FILLER STAND OFF
4	B110758	2	GROUND ROLLER FILLER
5	B110767	4	GROUND ROLLER FILLER STAND OFF SHORT
6	B510021	1	GROUND ROLLER WITH CUPS
			23 IN. GROUND ROLLER (QTY: 4x FOR BOTH HEADS)
7	B510022	1	GROUND ROLLER WITH CUPS INNER
8	F040606	2	BOLT 3/8 UNC X 3/4 . Gr 8
9	F120712	8	SCREW - 7/16 UNC HEX SOC, FLAT HD x 1.25 Lg
10	F310600	2	LOCK WASHER - 3/8
11	F330600	2	FLAT WASHER SAE 3/8
12	KB90014	2	MULTI-LIP SEAL - 2.938 I.D.
13	KX20002	2	SLOTTED HEX FLANGE NUT 1 1/4 -12
14	KX20003	2	COTTER PIN
15	KX20004	2	DUST CAP
16	KX20016	2	OUTER CONE 4T-25581
17	KX20018	2	INNER CONE 28995
18	B310030	1	GROUND ROLLER 10 IN. WELDMENT
19	KX20017	2	OUTER CUP 4T-25520
20	KX20019	2	INNER CUP 28921
21	B310031	1	GROUND ROLLER 10 IN. WELDMENT INNER

**Brouwer 6000-TS Sod Harvester
Hub & Spindle Assembly 24 in.**

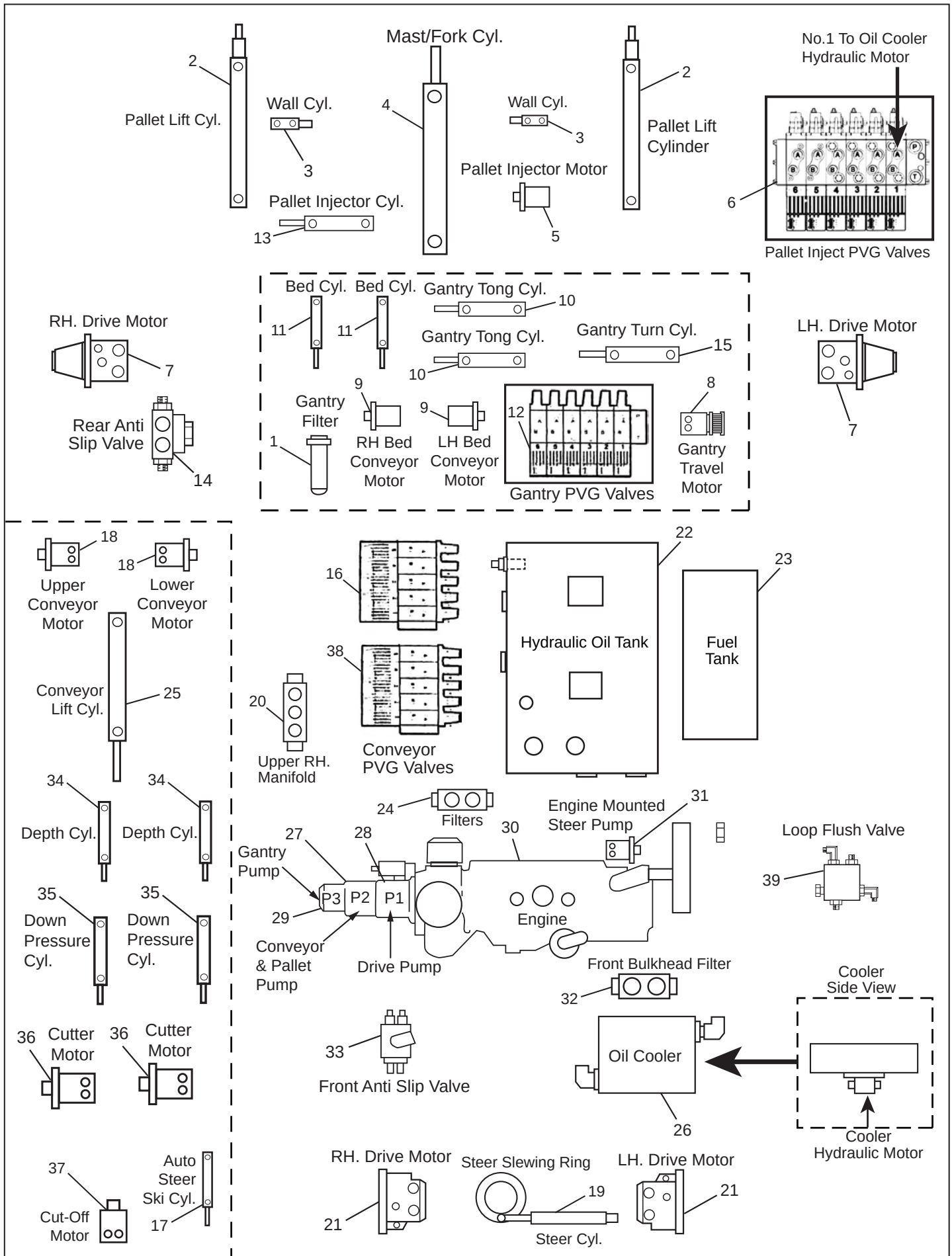
ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	A100549	1	HEAD GUIDE LIFT SUPPORT
2	A500143	1	HUB ASSEMBLY 24 IN.
3	B100994	1	HEAD GUIDE ROLLER
4	B300043	1	HEAD PIVOT SPINDLE WELDMENT
5	B500125	2	HEAD LINKAGE ASSEMBLY
6	F020820	2	CARRIAGE BOLT 1/2 UNC x 2.0 LG
8	F040410	2	HEX BOLT - 1/4 -20 UNC x 1.00 Gr 8
8	F041232	4	BOLT-3/4 UNC X 3 1/4 GR 8
9	F211000	1	JAM NUT-5/8 UNC NYLOC
10	F220800	2	HEX JAM NUT - 1/2 - 13 UNC
11	F271200	4	HEX NUT - 3/4-10 UNC NYLOC JAM
12	F310400	2	WASHER - 1/4 LOCK
13	F320400	2	WASHER-1/4
14	F321200	4	FLAT WASHER - 3/4
15	F501230	1	SHOULDER BOLT - 3/4 x 3.00
16	H110623	8	TIE ROD BALL END SPACER (4WD NH)
17	KB90014	1	MULTI-LIP SEAL - 2.938 I.D.
18	KM11400	1	STRAIGHT GREASE FITTING
19	KX20002	1	SLOTTED HEX FLANGE NUT 1 1/4 -12
20	KX20003	1	COTTER PIN
21	KX20004	1	DUST CAP
22	KX20016	1	OUTER CONE 4T-25581
23	KX20018	1	INNER CONE 28995
24	A300211	1	HUB MOUNT WELDMENT INSIDE HEAD 24 IN.
25	KX20019	1	INNER CUP 28921
26	KX20017	1	OUTER CUP 4T-25520
27	B300149	1	HEAD LINKAGE WELDMENT
28	CM00121	2	ROD END - MALE 3/4 UNF R.H.
29	F221250	2	HEX JAM NUT - 3/4 UNF
30	KB11616	4	IGUS BUSHING Q2 1.00 I.D. x 1.25 O.D. x 0.75 LG.

SECTION 3 HYDRAULIC SYSTEM

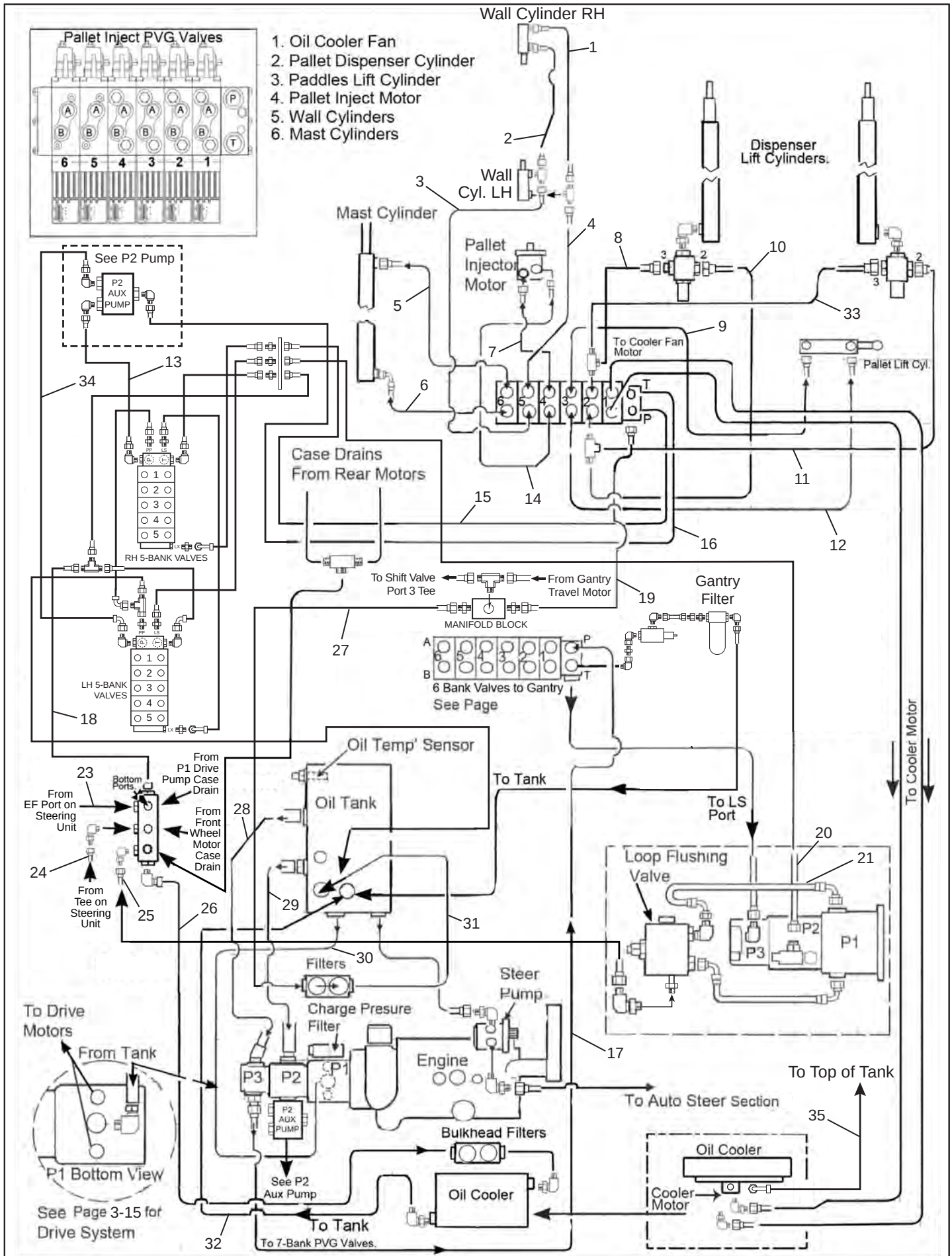
Hydraulic System – Components	3-01
Hydraulic System – Main Frame. Hose Assemblies	3-05
Hydraulic System – Main Frame. Fittings	3-07
Hydraulic System – Main Conveyor. Hose Assemblies	3-09
Hydraulic System – Main Conveyor. Fittings	3-11
Hydraulic System – Drive System. Hose Assemblies	3-13
Hydraulic System – Drive System. Fittings	3-15
Hydraulic System – Gantry. Hose Assemblies	3-17
Hydraulic System – Gantry. Fittings	3-19
Hydraulic Tank Assembly	3-21
Hydraulic Valve Banks	3-23
Filters	3-25



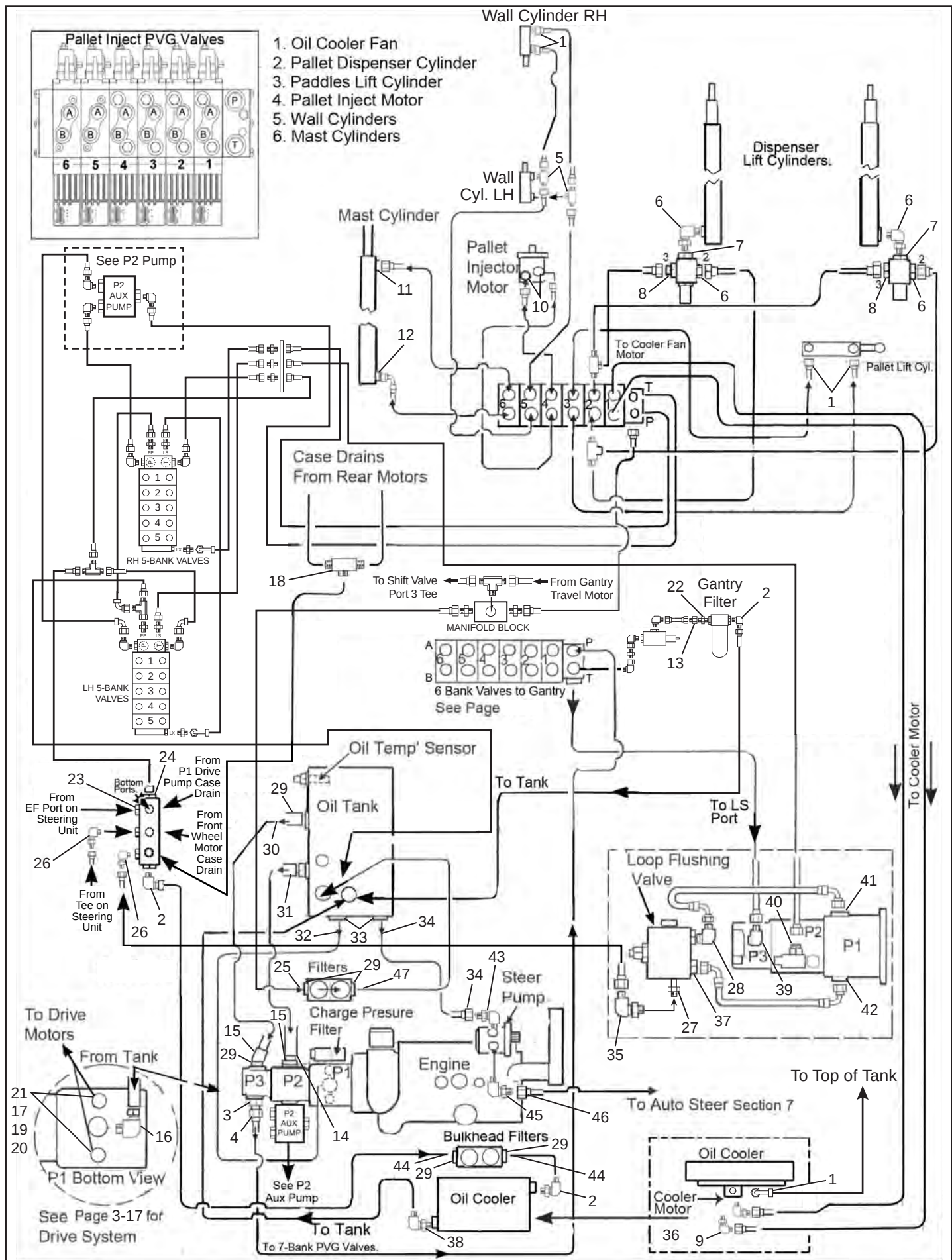
ITEM NO.	PART NO.	DESCRIPTION	QTY
		Brouwer 6000-TS Sod Harvester Hydraulic System Components	
1		Gantry Filter Assembly	1
	KH40090	Gantry Filter Element	1
	KH40091	Gantry Filter Head	1
2	B500086	Pallet Lift Cylinder Assembly	2
	KH70128	Seal Kit. Pallet Lift Cylinder	1
3	4128723	Wall Cylinder	2
		Seal Kit. Wall Cylinder	1
4	A500003	Mast/Fork Cylinder	1
		Seal Kit. Mast/Fork Cylinder	1
5	KH30027	Pallet Lift Motor	1
6	KH200335	6-Bank Valve Block - Pallet	1
7	KH30091	Drive Motor - Back	2
8	KH30096	Gantry Travel Motor	1
9	KH30027	Bed Conveyor Motor	2
10	B510029	Gantry Tong Cylinder Assembly	2
		Seal Kit. Gantry Tong Cylinder	1
11	B510019	Bed Lift Cylinder	2
		Seal Kit. Bed Cylinder	1
12	KH20334	6-Bank Valve Block - Gantry	1
13	B500206	Pallet Injector Cylinder	1
		Seal Kit. Pallet Injector Cylinder	1
14	KH20341	Rear Anti Slip Valve	1
15	B510033	Gantry Turn Cylinder	1
16	KH200333	5-Bank Valve Block (Conveyor LH)	1
17	B500047	Ski Cylinder	1
	KH70133	Seal Kit. Ski Cylinder	1
18	KH30093	Conveyor Motor	2
		Speed Sensor	1
		Seal Kit. Hydraulic Motor - Conveyor	1
19	B510033	Steering Cylinder Assembly	1
	KH70121	Seal Kit. Steering Cylinder	1
	KH70124	Sensor. Steering Cylinder	1
20	KH20243	RH. Manifold	1
21	KH30091	Drive Motor - Front	2
22	B500475	Hydraulic Tank Assembly (6 Mounts)	1
23	B500007	Fuel Tank	1
24	KH40080	Filter Head	2
	KH40081	Filter Gauge	2
	KH40082	Filter Element	2
25	B510070	Conveyor Lift Cylinder	1
	KH70110	Seal Kit. Conveyor Lift Cylinder	1
26	KH40104	Oil Cooler	1
27	KH30058	Conveyor & Pallet Pump (Aux Pump)	1
28	KH30055	Drive Pump	1
29	KH30057	Gantry Pump	1
30	KD40104	Engine. Cat 3.6 - Stage V - Tier IV	1
31	KH30087	Engine Mounted Steer Pump - Tier IV 3.6 Engine	1
	KH80017	Gasket	1



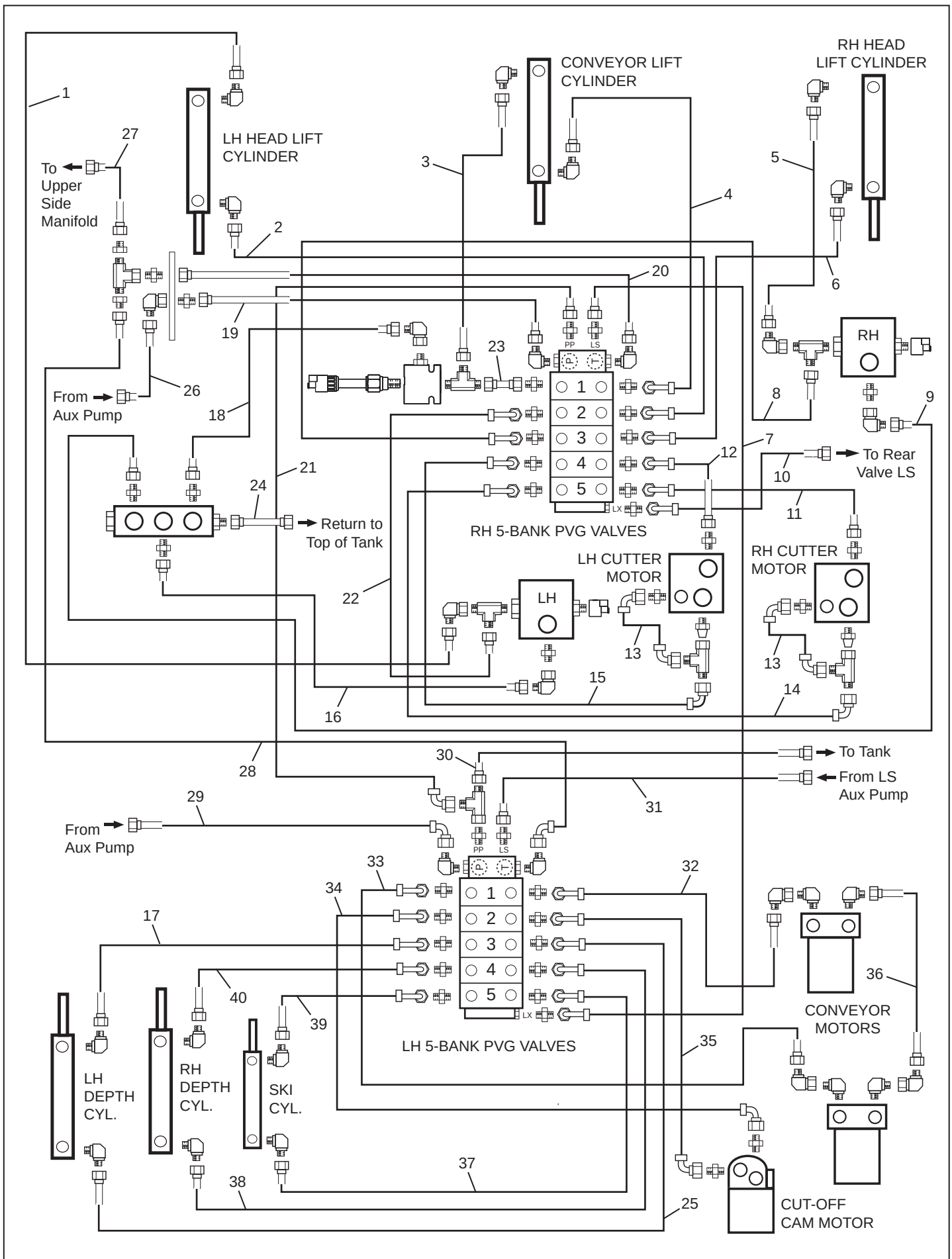
ITEM NO.	PART NO.	DESCRIPTION	QTY
		Brouwer 6000-TS Sod Harvester Hydraulic System Components	
32	KH40080	Front Bulkhead Filter Head	2
	KH40081	Filter Gauge	2
	KH40082	Filter Element	2
33	KH20341	Front Anti Slip Valve	1
34	H500075	Depth Cylinder Assembly	2
	KH70144	Seal Kit. Depth Cylinder	1
35	B500046	Down Pressure Cylinder	2
	KH70067	Seal Kit. Down Pressure Cylinder	1
36	KH30056	Cutter Motor	2
37	KH30061	Cut-Off Motor	1
38	KH200332	5-Bank Valve Block (Conveyor RH)	1
39	KH20242	Loop Flush Valve	1



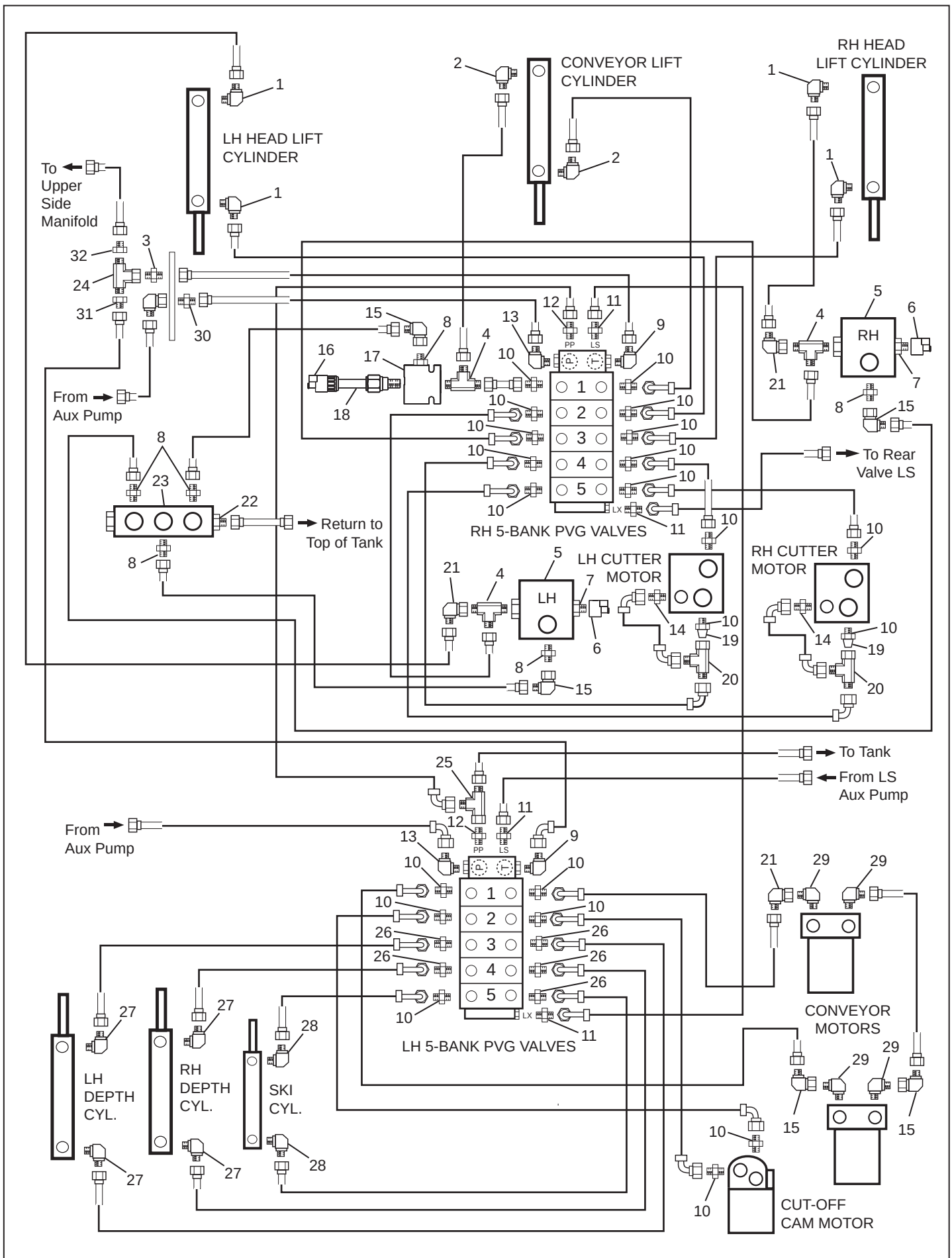
ITEM NO.	PART NO.	DESCRIPTION	QTY
Brouwer 6000-TS Sod Harvester Hydraulic System - Main Frame - Hoses			
1	B210321	Hose Assembly. Tee to Wall Cylinder	1
2	B210322	Hose Assembly. Wall Cylinder to Tee	1
3	B210323	Hose Assembly. Tee to 6 Bank Valves	1
4	B210324	Hose Assembly. 6 Bank Valves to Tee	1
5	B210331	Hose Assembly. 6 Bank Valves to Mast Cylinder	1
6	B210332	Hose Assembly. Mast Cylinder to 6 Bank Valves	1
7	B210328	Hose Assembly. 6 Bank Valves to Pallet Injector Motor	1
8	B210329	Hose Assembly. 6 Bank Valves Tee to Counter Balance Valve	1
9	B210326	Hose Assembly. 6 Bank Valves to Pallet Lift Cylinder	1
10	B210319	Hose Assembly. Counter Balance Valve to 6 Bank Valves	1
11	B210320	Hose Assembly. Counter Balance Valve to Tee	1
12	B210325	Hose Assembly. Pallet Lift Cylinder to 6 Bank Valves	1
13	B210407	Hose Assembly. Aux Pump Block to RH Conveyor Valve	1
14	B210327	Hose Assembly. Pallet Injector Motor to 6 Bank Valves	1
15	B210413	Hose Assembly. 6 Bank Valves to 5 Bank Bulkhead	1
16	B210409	Hose Assembly. P2 Aux Pump to 6 Bank Valves	1
17	B210344	Hose Assembly. 6 Bank Valves to P3 Pump	1
18	B210401	Hose Assembly. 5 Bank Tee to Upper R.H. Manifold	1
19	B210345	Hose Assembly. 8 Bank Valves to Manifold Block	1
20	B210410	Hose Assembly. P2 Pump to 5 Bank Bulkhead	1
21	B210001	Hose Assembly. P1 Pump to Loop Flushing Valve	1
22	B210361	Hose Assembly. P3 Pump to 6 Bank Valves	1
23	B210397	Hose Assembly. EF Port to Upper R.H. Manifold	1
24	B210398	Hose Assembly. Steering Unit Tee to Upper R.H. Manifold	1
25	B210349	Hose Assembly. Loop Flushing Valve to Upper R.H. Manifold	1
26	B210391	Hose Assembly. R.H. Manifold to Filters Upper Back	1
27	B210385	Hose Assembly. Manifold Block to Front Filters	1
28	B210311	Hose Assembly. P3 Pump to Oil Tank	1
29	B210310	Hose Assembly. Oil Tank to P2 Pump	1
30	B210312	Hose Assembly. Oil Tank to P1 Pump	1
31	B210386	Hose Assembly. Filters to Oil Tank	1
32	B210424	Hose Assembly. Oil Cooler to Oil Tank	1
33	B210330	Hose Assembly. 6 Bank Valves Tee to Counter Balance Valve	1
34	B210400	Hose Assembly. Aux Pump to LH Conveyor Valve	1
35	B210357	Hose Assembly. Oil Cooler to Oil Tank	1



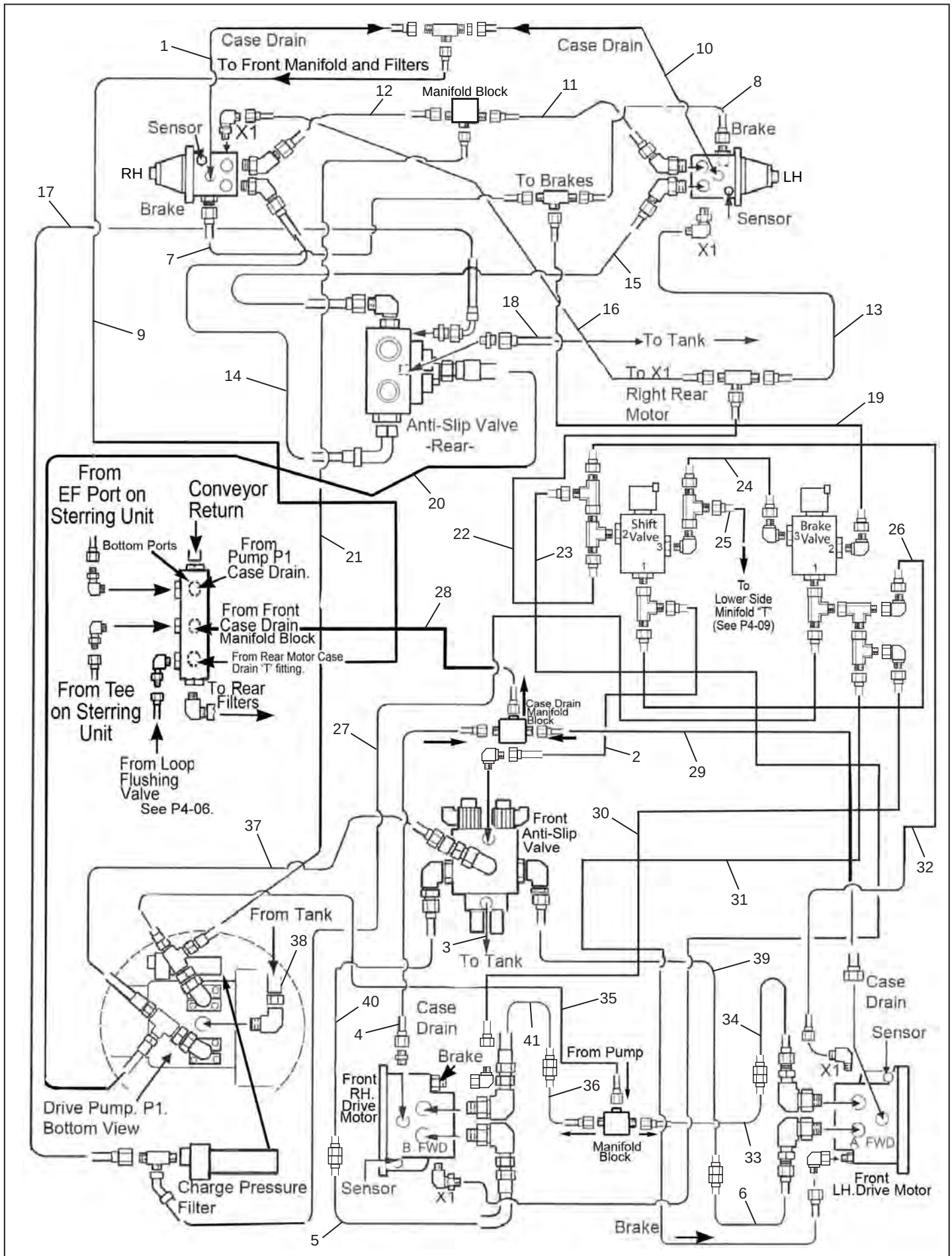
ITEM NO.	PART NO.	DESCRIPTION	QTY
Brouwer 4000 Sod Harvester Hydraulic System - Main Frame - Fittings			
1	6-6-070220	Fitting. No. 6 Tube to No. 6 O-Ring 90 Deg. Elbow	5
2	20-20-430292	Fitting. 1 1/4 x 1 1/4 Beaded Tube Hose End 90 Deg.	3
3	KH00108	Fitting. Flange 1 SAE Flange Kit Code 61	1
4	KH00324	Fitting. 90 deg. No. 16 Male JIC x 1.00 61 Split Flange	1
5	6-6-6-070429	Fitting. 3/4 Striaht Thread O-Ring Run Tee	2
6	8-8-070220	Fitting. 1/2 Striaht Thread O-Ring 90 Deg. Elbow	4
7	8-8-070181	Fitting.	2
8	4-4-070220	Fitting. 1/4 Striaht Thread O-Ring 90 Deg. Elbow	2
9	6-10-070220	Fitting. No. 6 90 Deg. Elbow - SAE 37 Deg. (JIC) Flare Twin	1
10	KH00111	Fitting. 1/2 BSPP x 1/2 Male SAE 37 Deg. Tube	2
11	8-10-070220	Fitting. 1/2 Striaht Thread O-Ring 90 Deg. Elbow	1
12	8-10-070120	Fitting. 1/2 Straight Thread O-Ring	1
13	KH00128	Fitting. No. 20 Swivel to 1 1/4 Barb	1
14	KH00103	Fitting. 2.5 NPT x 3 Hose Barb Plated	1
15	KH00105	Fitting. Flange 2.5 Code 61 x 2.5 FNPT C/W Bolt Kit	2
16	12-16-070220	Fitting. 3/4 Straight Thread O-Ring 90 Deg. Elbow	1
17	KH00106	Fitting. Flange 1 1/4 in. SAE Flange Kit Code 62	2
18	8-8-8-070958	Fitting. Bulkhead T	1
19	20-16-070123	Fitting. #16 Female JIC x # 20 Male JIC	2
20	16-16-16-070432	Fitting.	2
21	KH00325	Fitting.	2
22	20-20-070120	Fitting.	1
23	8-16-070120	Fitting.	5
24	20-20-070320	Fitting.	1
25	KH00169	Fitting. Barb 1.5 in. to 2 in. Split Flange	1
26	8-8-070221	Fitting. Swivel Nut 90 Deg. Elbow - SAE 37 Deg. (JIC) Flare Twin	2
27	8-8-070120	Fitting. No. 8 JIC to No. 8 ORB Straight	1
28	8-8-520220	Fitting. ORFS - No. 8 O-Ring 90 Deg. Elbow	1
29	KH00133	Fitting. Split Flange Code 61-2.00	6
30	KH00310	Fitting. Split Flange 90 Deg. To Hose Barb Size 32	1
31	KH00311	Fitting. BSPP Swivel 90 Deg. to Hose Barb Size 48	1
32	KH00173	Fitting. Code 61 #20 to #20 Hose Barb Straight	1
33	KH00186	Fitting. Split Flange Kit Code 61 - 1.5	2
34	KH00333	Fitting. 90 Deg. Hose Barb to Code 69	2
35	8-8-070221	Fitting. 1/2 Swivel Nut 90 Deg. Elbow	1
36	6-10-070220	Fitting. No. 6-10 90 Deg. Elbow - SAE 37 Deg. (JIC) Flare Twin	1
37	8-8-520120	Fitting. 1/2 Standard Thread O-Ring	1
38	20-20-430292	Fitting. 1 1/4 x 1 1/4 Beaded Tube Hose End 90 Deg.	1
39	6-4-070120	Fitting. 3/8 Straight Thread O-Ring	1
40	6-4-070220	Fitting. 3/8 Straight Thread O-Ring 90 deg. Elbow	1
41	8-6-520220	Fitting.	1
42	8-6-520120	Fitting.	1
43	16-12-070220	Fitting. 1 in. Straight Thread O-Ring 90 Deg. Elbow	1
44	KH00328	Fitting. 90 deg. 1.25 Hose Barb x 2.00 Split Flange Code 61	2
45	10-10-070220	Fitting. 5/8 Straight Thread O-Ring 90 Deg. Elbow	1
46	10-10-10-070432	Fitting.	1
47	KH00329	Fitting.	1



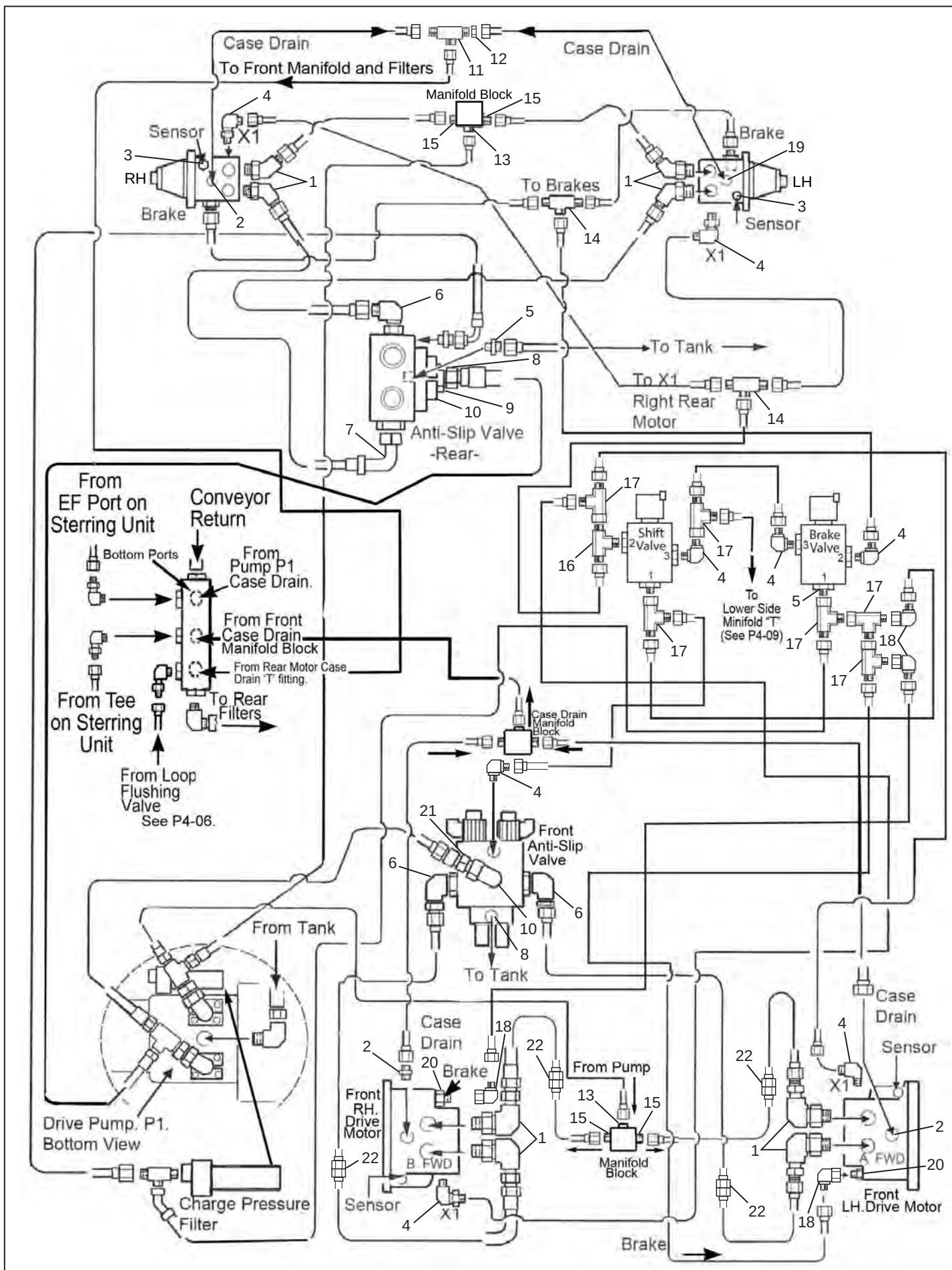
ITEM NO.	PART NO.	DESCRIPTION	QTY
Brouwer 6000-TS Sod Harvester Hydraulic System - Conveyors - Hoses			
1	B210380	Hose Assembly. LH Valve Tee to LH Head Lift Cylinder	1
2	B210381	Hose Assembly. RH 5 Bank Valves to LH Head Lift Cylinder	1
3	B210382	Hose Assembly. Conveyor Lift Cylinder to Tee	1
4	B210383	Hose Assembly. RH 5 Bank Valves to Conveyor Lift Cylinder	1
5	B210378	Hose Assembly. RH Head Lift Cylinder to RH Valve Tee	1
6	B210379	Hose Assembly. RH 5 Bank Valves to RH Head Lift Cylinder	1
7	B210374	Hose Assembly. RH 5 Bank Valves to LH 5 Bank Valves LX Port	1
8	B210432	Hose Assembly. RH Valve Tee to RH 5 Bank Valves	1
9	B210433	Hose Assembly. RH Valve to Manifold	1
10	B210412	Hose Assembly. RH 5 Bank Valves LX Port to Rear Valve LS	1
11	B210371	Hose Assembly. RH 5 Bank Valves to RH Cutter Motor	1
12	B210373	Hose Assembly. RH 5 Bank Valves to LH Cutter Motor	1
13	B200312	Hose Assembly. LH & RH Cutter Motor Tee to LH & RH Cutter Motor	2
14	B210370	Hose Assembly. RH Cutter Motor Tee to RH 5 Bank Valves	1
15	B210372	Hose Assembly. LH Cutter Motor Tee to RH 5 Bank Valves	1
16	B210433	Hose Assembly. Manifold to LH Valve	1
17	B210384	Hose Assembly. LH Depth Cylinder to LH 5 Bank Valves	1
18	B210435	Hose Assembly. Manifold to Valve	1
19	B110562	Hose Assembly. Aux Pump Bulkhead to RH 5 Bank Valves	1
20	B110563	Hose Assembly. RH 5 Bank Valves to Aux Pump Bulkhead	1
21	B210375	Hose Assembly. RH 5 Bank Valves to LH 5 Bank Valves Tee	1
22	B210432	Hose Assembly. LH Valve Tee to RH 5 Bank Valves	1
23	B210434	Hose Assembly. Tee to RH 5 Bank Valves	1
24	B210436	Hose Assembly. Manifold to Top of Tank	1
25	B210387	Hose Assembly. LH 5 Bank Valves to LH Depth Cylinder	1
26	B210402	Hose Assembly. Aux Pump to Bulkhead	1
27	B210401	Hose Assembly. Tee to Upper Side Manifold	1
28	B210866	Hose Assembly. Bulkhead Tee to LH 5 Bank Valves	1
29	B210400	Hose Assembly. Aux Pump to LH 5 Bank Valves	1
30	B210414	Hose Assembly. LH 5 Bank Valves to Tank	1
31	B210411	Hose Assembly. LS Aux Pump to LH 5 Bank Valves	1
32	B210407	Hose Assembly. LH 5 Bank Valves to Conveyor Motor	1
33	B210408	Hose Assembly. Conveyor Motor to LH 5 Bank Valves	1
34	B210376	Hose Assembly. Cut-Off Cam Motor to LH 5 Bank Valves	1
35	B210377	Hose Assembly. LH 5 Bank Valves to Cut-Off Cam Motor	1
36	B210394	Hose Assembly. Conveyor Motor to Conveyor Motor	1
37	B210429	Hose Assembly. LH 5 Bank Valves to Ski Cylinder	1
38	B210389	Hose Assembly. LH 5 Bank Valves to RH Depth Cylinder	1
39	B210430	Hose Assembly. Ski Cylinder to LH 5 Bank Valves	1
40	B210388	Hose Assembly. RH Depth Cylinder to LH 5 Bank Valves	1



ITEM NO.	PART NO.	DESCRIPTION	QTY
Brouwer 6000-TS Sod Harvester Hydraulic System - Conveyors - Fittings			
1	8-6-070220	Fitting. 1/2 Straight O-Ring 90 Deg. Elbow	4
2	8-8-070220	Fitting.No. 8 JIC 90 Deg. Elbow	2
3	16-16-070601	Fitting. Male No. 16 JIC Bulkhead	1
4	8-8-8-070428	Fitting. Straight Thread O-Ring Run Tee - SAE 37 Deg. (JIC) Flare - Twin	3
5	KH20204	Valve Body	2
6	KH20201	Coil	2
7	KH20200	Spool	2
8	8-8-070120	Fitting. Straight Thread 37 Deg. (JIC) Flare SAE ORB	6
9	16-12-070220	Fitting. No. 12 Male ORB to No. 16 Male JIC 90 Deg.	2
10	8-10-070120	Fitting. No. 10 ORB Male to No. 8 JIC Male Straight	22
11	6-5-070120	Fitting.	4
12	4-5-070120	Fitting. No. 4 Straight Thread O-Ring Connector	2
13	12-12-070220	Fitting. Straight Thread 90 Deg. Elbow 37 Deg. Flare - SAE ORB	2
14	4-4-070120	Fitting. No. 4 JIC to No. 4 ORB	2
15	KH00341	Fitting.	5
16	KH20201	Fitting. Pressure Relief Valve	1
17	KH00204	Valve Body	1
18	KH20200	Fitting. Pressure Relief Valve	1
19	4160688	Fitting. Orifice Plug (0.0300 Dia.)	2
20	8-8-8-070432	Fitting. No. 8 JIC 90 Deg. Elbow	2
21	8-8-070221	Fitting. Swivel Nut 90 Deg. Elbow - SAE 37 Deg.(JIC) Flare - Twin	3
22	12-12-070120	Fitting. Straight Thread O-Ring Con. - SAE 37 Deg. (JIC) Flare - Twin	1
23	KH20126	Fitting. Manifold	1
24	20-20-20-070433	Fitting. No. 20 Tee	1
25	4-4-4-070432	Fitting. Swivel Run Tee	1
26	6-10-070120	Fitting. 3/8 Straight O-Ring Con. - SAE 37 Deg. (JIC) Flare - Twin	5
27	4-4-070220	Fitting. 90 Deg. No. 4 JIC to No. 4 ORB	4
28	6-4-070120	Fitting. No. 4 ORB Male to No. 6 JIC Male Straight	2
29	8-10-070220	Fitting. 1/2 Straight Thread O-Ring 90 Deg. Elbow	4
30	12-12-070601	Fitting. Male No. 12 JIC Bulkhead	1
31	20-16-070123	Fitting. No. 16 Male JIC x No. 20 Male JIC	1
32	16-20-070123	Fitting.	1



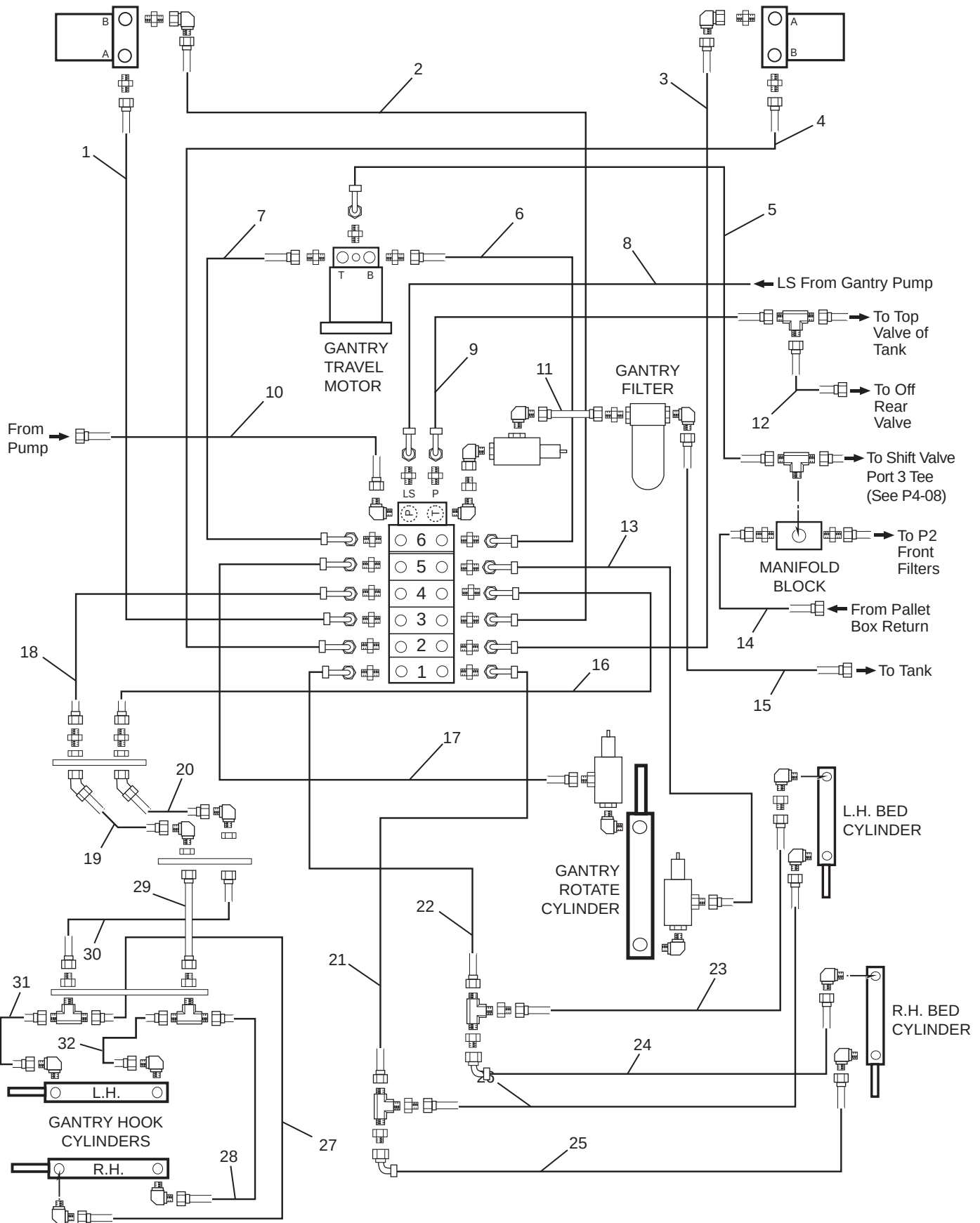
ITEM NO.	PART NO.	DESCRIPTION	QTY
Brouwer 6000-TS Sod Harvester Hydraulic System - Drive System - Hoses			
1	B310314	Hose Assembly. Drive Motor to Tee	1
2	B210339	Hose Assembly. Shift Valve to Front Anti-Slip Valve	1
3	B210340	Hose Assembly. Front Anti-Slip Valve to Tank	1
4	B210306	Hose Assembly. Drive Motor to Case Drain Manifold Block	1
5	B200222	Hose Assembly. Fitting to Front RH Drive Motor	1
6	B200224	Hose Assembly. Fitting to Front LH Drive Motor	1
7	B210338	Hose Assembly. Drive Motor to Tee	1
8	B210316	Hose Assembly. Drive Motor to Tee	1
9	B210346	Hose Assembly. Tee to Front Manifold	1
10	B210313	Hose Assembly. Drive Motor to Tee	1
11	B200221	Hose Assembly. Drive Motor to Manifold Block	1
12	B210343	Hose Assembly. Drive Motor to Manifold Block	1
13	B210317	Hose Assembly. Tee to Drive Motor	1
14	B210342	Hose Assembly. Rear Anti-Slip Valve to Drive Motor	1
15	B200220	Hose Assembly. Rear Anti-Slip Valve to Drive Motor	1
16	B210318	Hose Assembly. Tee to Drive Motor	1
17	B210431	Hose Assembly. Charge Pressure Filter Tee to Rear Anti-Slip Valve	1
18	B210363	Hose Assembly. Rear Anti-Slip Valve to Tank	1
19	B210336	Hose Assembly. Brake Valve to Drive Motor	1
20	B210301	Hose Assembly. P1 Drive Pump to Rear Anti-Slip Valve	1
21	B210300	Hose Assembly. P1 Drive Pump to Manifold Block	1
22	B210337	Hose Assembly. Shift Valve to Tee	1
23	B210309	Hose Assembly. Shift Valve Tee to Front RH Drive Motor	1
24	B210334	Hose Assembly. Shift Valve Tee to Brake Valve	1
25	B210341	Hose Assembly. Shift Valve Tee to Lower Side Manifold Tee	1
26	B210333	Hose Assembly. Brake Valve Tee to Shift Valve Tee	1
27	B210335	Hose Assembly. Charge Pressure Filter to Brake Valve Tee	1
28	B210356	Hose Assembly. Case Drain Manifold Block to Front Manifold	1
29	B210307	Hose Assembly. Front LH Drive Motor to Case Drain Manifold Block	1
30	B210305	Hose Assembly. Brake Valve Tee to Front RH Drive Motor	1
31	B210308	Hose Assembly. Brake Valve Tee to Front LH Drive Motor	1
32	B210304	Hose Assembly. Shift Valve Tee to Front LH Drive Motor	1
33	B200227	Hose Assembly. Manifold Block to Fitting	1
34	B200228	Hose Assembly. Fitting to Front LH Drive Motor	1
35	B210302	Hose Assembly. P1 Drive Pump to Manifold Block	1
36	B200229	Hose Assembly. Manifold Block to Fitting	1
37	B210303	Hose Assembly. P1 Drive Pump to Front Anti-Slip Valve	1
38	B210315	Hose Assembly. Tank to P1 Drive Pump	1
39	B200225	Hose Assembly. Front Anti-Slip Valve to Fitting	1
40	B200223	Hose Assembly. Front Anti-Slip Valve to Fitting	1
41	B200226	Hose Assembly. Fitting to Front RH Drive Motor	1



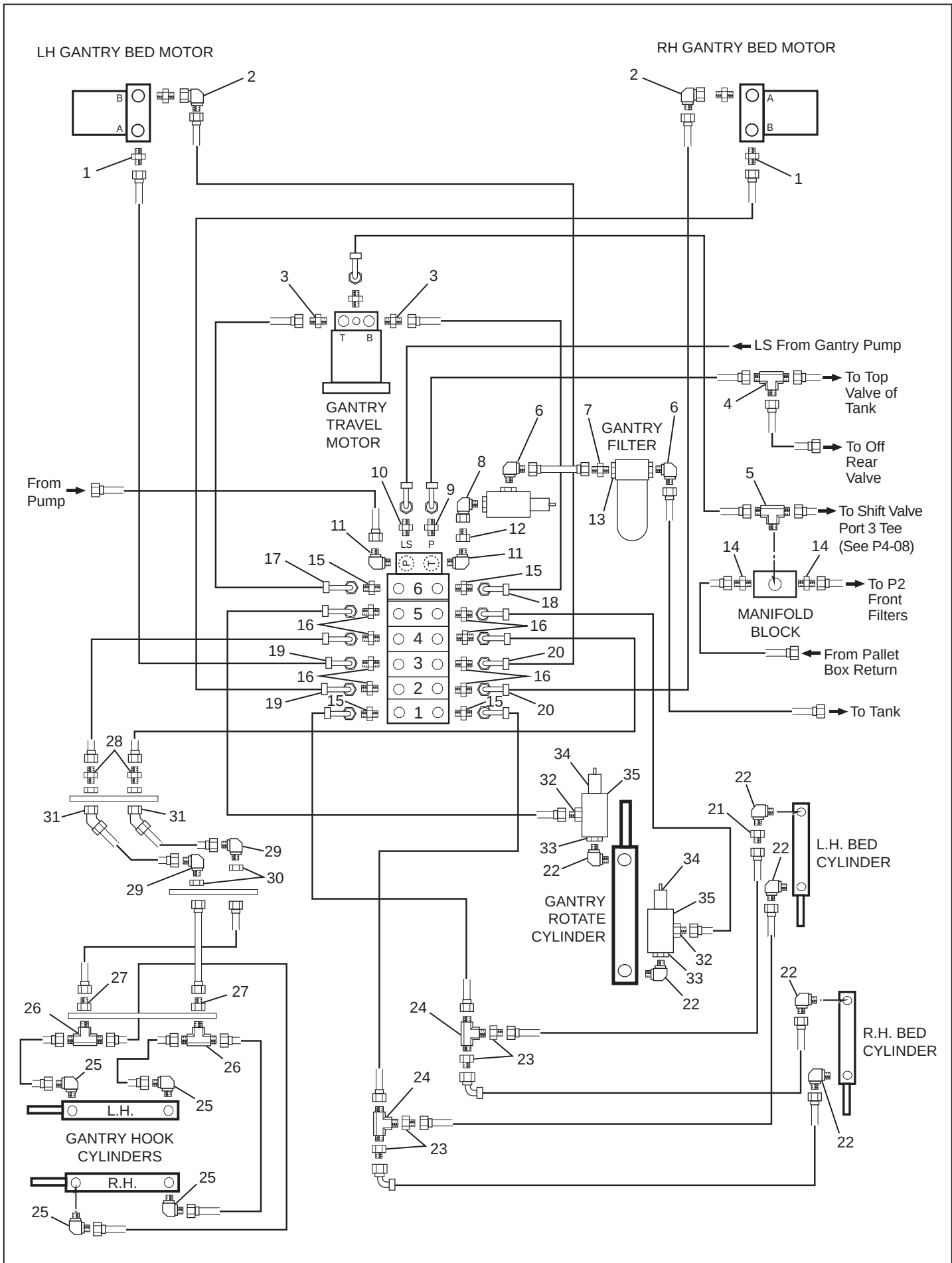
ITEM NO.	PART NO.	DESCRIPTION	QTY
Brouwer 6000-TS Sod Harvester Hydraulic System - Drive System - Fittings			
1	12-12-520320	Fitting. SAE ORFS Male x SAE Male 45 Deg. Elbow	8
2	8-8-070120	Fitting. 1/2 Straight Thread O-Ring	3
3		Fitting. 1/4 Straight Thread O-Ring	2
4	4-6-070220	Fitting. 1/4 Straight Thread O-Ring 90 Deg. Elbow	8
5	4-6-070120	Fitting. 1/4 Straight Thread O-Ring	2
6	12-12-520220	Fitting. Straight Thread 90 Deg. Elbow ORFS - SAE ORB	3
7	12-12-520120	Fitting. ORFS - No. 12 Tube to No. 12 O-Ring Straight Connector	1
8	6-6-070120	Fitting. 3/8 Straight Thread O-Ring	2
9	KH00161	Fitting.	1
10	KH00158	Fitting.	2
11	8-8-8-070958	Fitting.	1
12	8-070118	Fitting. No. 8 Bulkhead Nut	1
13	16-16-520120	Fitting. ORFS - No. 16 Male to No. 16 ORB Straight	2
14	4-4-4-070401	Fitting.	2
15	12-16-520120	Fitting. ORFS - No. 12 Male to No. 16 ORB Straight	4
16	4-4-4-070433	Fitting. No. 4 JIC Branch Swivel Tee	1
17	4-4-4-070432	Fitting. Swivel Run Tee	6
18	4-4-070221	Fitting. Swivel Nut 90 Deg. Elbow - SAE 37 Deg. (JIC) Flare Twin	4
19	8-8-070220	Fitting. No. 8 JIC 90 Deg. Elbow	1
20	4-4-070120	Fitting. No. 4 JIC to No. 4 ORB	2
21	KH00323	Fitting.	1
22	KH00189	Fitting. 3/4 Swivel	4

LH GANTRY BED MOTOR

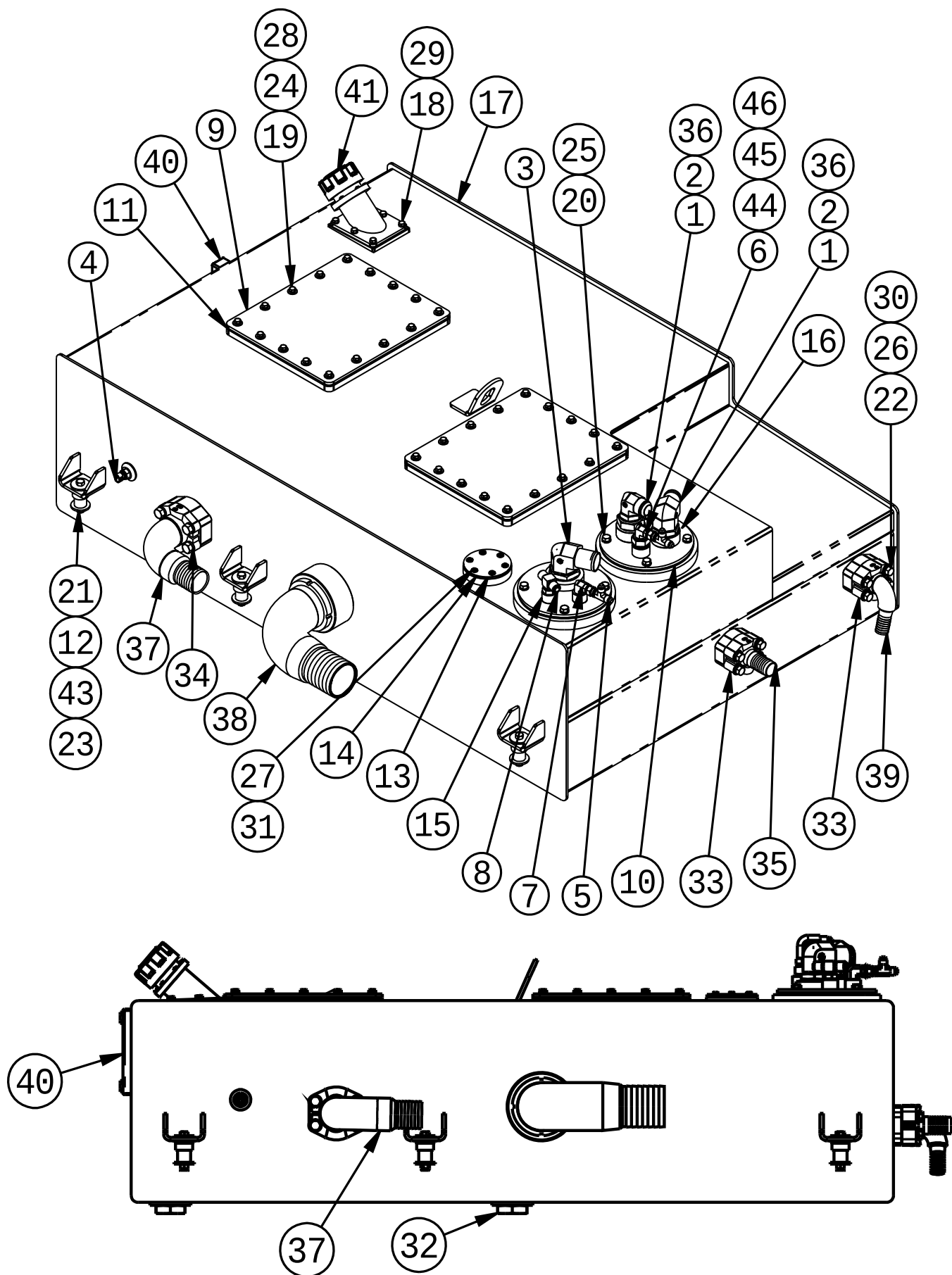
RH GANTRY BED MOTOR



ITEM NO.	PART NO.	DESCRIPTION	QTY
		Brouwer 6000-TS Sod Harvester Hydraulic System - Gantry - Hoses	
1	B210420	Hose Assembly. LH Gantry Bed Motor to 6 Bank Valves	1
2	B210421	Hose Assembly. 6 Bank Valves to LH Gantry Bed Motor	1
3	B210423	Hose Assembly. 6 Bank Valves to RH Gantry Bed Motor	1
4	B210422	Hose Assembly. RH Gantry Bed Motor to 6 Bank Valves	1
5	B210362	Hose Assembly. Gantry Travel Motor to Tee	1
6	B210353	Hose Assembly. 6 Bank Valves to Gantry Travel Motor	1
7	B210352	Hose Assembly. Gantry Travel Motor to 6 Bank Valves	1
8	B210361	Hose Assembly. Gantry Pump to 6 Bank Valves	1
9	B210358	Hose Assembly. 6 Bank Valves to Tee	1
10	B210344	Hose Assembly. Pump to 6 Bank Valves	1
11	B210393	Hose Assembly. ??? to Gantry Filter	1
12	B210359	Hose Assembly. Tee to Rear Valve	1
13	B210417	Hose Assembly. 6 Bank Valves to Gantry Rotate Cylinder	1
14	B210345	Hose Assembly. Pallet Box Return to Manifold Block	1
15	B210392	Hose Assembly. Gantry Filter to Tank	1
16	B210419	Hose Assembly. 6 Bank Valves to Gantry E-Chain BH	1
17	B210416	Hose Assembly. Gantry Rotate Cylinder to 6 Bank Valves	1
18	B210418	Hose Assembly. Gantry E-Chain BH to 6 Bank Valves	1
19	B210427	Hose Assembly. Gantry Slew Ring BH to Gantry E-Chain BH	1
20	B210428	Hose Assembly. Gantry E-Chain BH to Gantry Slew Ring BH	1
21	B210367	Hose Assembly. Tee to 6 Bank Valves	1
22	B210366	Hose Assembly. 6 Bank Valves to Tee	1
23	B210364	Hose Assembly. Tee to Bed Cylinder	1
24	B210368	Hose Assembly. Tee to Bed Cylinder	1
25	B210369	Hose Assembly. Bed Cylinder to Tee	1
26	B210365	Hose Assembly. Bed Cylinder to Tee	1
27	B210442	Hose Assembly. Tee to R.H. Gantry Hook Cylinder - Current	1
	B210425	Hose Assembly. Tee to R.H. Gantry Hook Cylinder - Non Current	1
28	B210441	Hose Assembly. R.H. Gantry Hook Cylinder to Tee - Current	1
	B210426	Hose Assembly. R.H. Gantry Hook Cylinder to Tee - Non Current	1
29	B210440	Hose Assembly. Gripper BH to Gantry Slew Ring BH - Current	1
	B210437	Hose Assembly. Tee to Gantry Slew Ring BH - Non Current	1
30	B210439	Hose Assembly. Gantry E-Chain BH to Gripper BH - Current	1
	B210438	Hose Assembly. Gantry E-Chain BH to Tee - Non Current	1
31	B210443	Hose Assembly. Tee to L.H. Gantry Hook Cylinder - Current	1
32	B210444	Hose Assembly. L.H. Gantry Hook Cylinder to Tee - Current	1

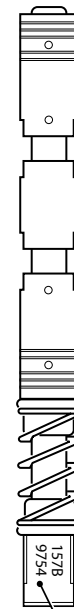
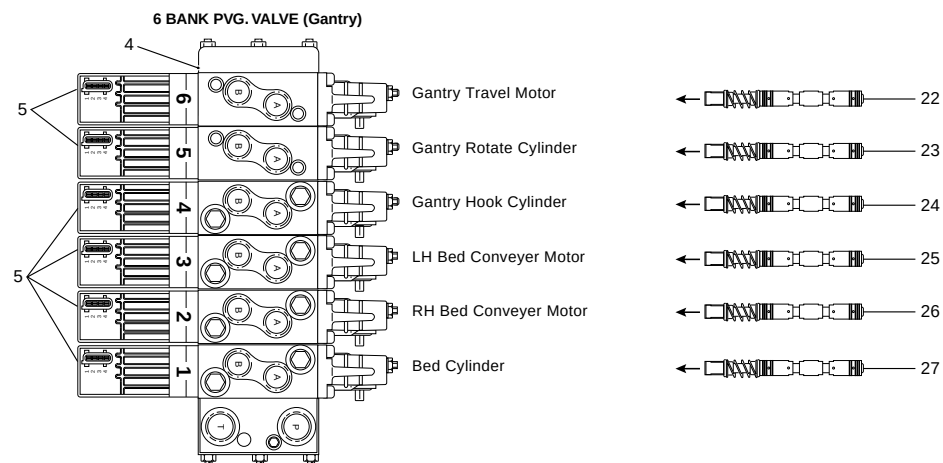
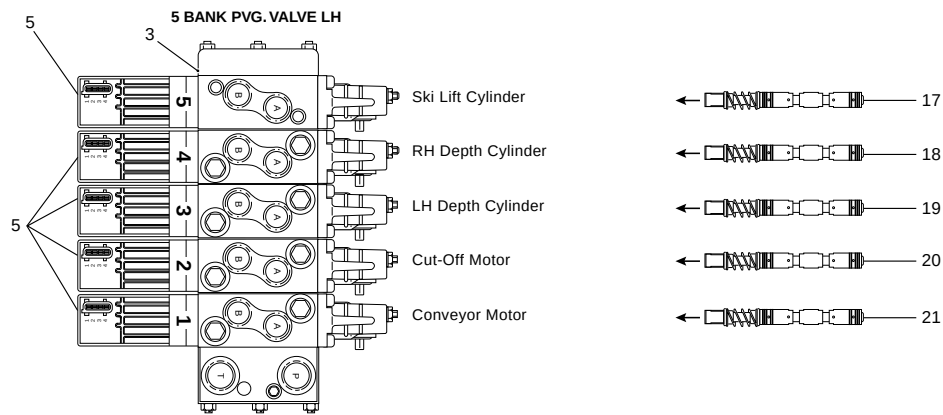
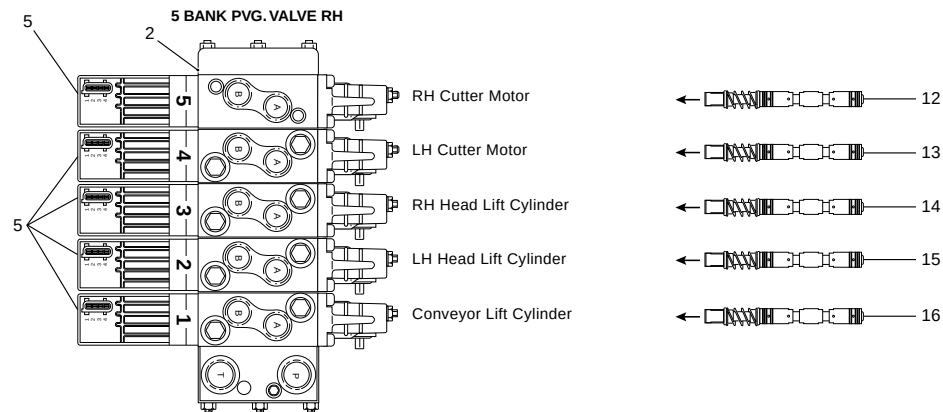
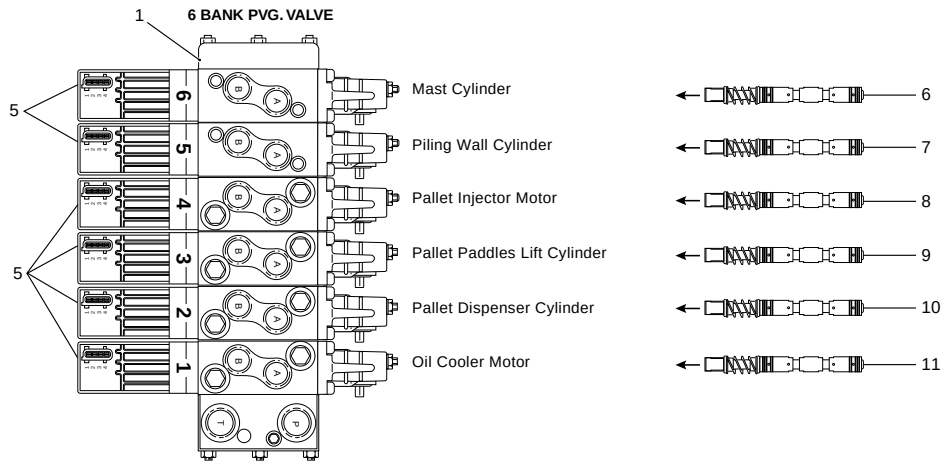


ITEM NO.	PART NO.	DESCRIPTION	QTY
Brouwer 6000-TS Sod Harvester Hydraulic System - Gantry - Fittings			
1	KH00111	Fitting. 1/2 BSPP x 1/2 Male SAE 37 Deg. Tube	2
2	8-8-070221	Fitting. Swivel Nut 90 Deg. Elbow - SAE 37 Deg.(JIC) Flare - Twin	2
3	12-12-070120	Fitting. Straight Thread O-Ring Connector - SAE 37 Deg. (JIC) Flare Twi	2
4	4-4-4-070401	Fitting. 4-4-4 JIC Union Tee	1
5	8-8-8-070433	Fitting. 8-8-8 JIC Swivel Branch Tee	1
6	20-20-430292	Fitting. 1 1/4 x 1 1/4 - Beaded Tube Hose End 90 Deg.	2
7	20-20-070120	Fitting. 20-20 Straight Thread JIC	1
8	20-20-070221	Fitting. 20-20 90 Deg. Swivel JIC	1
9	4-5-070120	Fitting. No. 4 Straight Thread O-Ring Connector	1
10	4-5-070220	Fitting. 4-5 90 Deg. JIC	1
11	16-12-070220	Fitting. No. 12 Male ORB to No. 16 Male JIC 90 Deg.	2
12	16-20-070123	Fitting. 16-20 Reducer JIC	1
13	KH00128	Fitting. No. 20 Straight Swivel Barb	1
14	16-16-070120	Fitting. 16-16 Straight JIC	2
15	12-10-070120	Fitting. 12-10 Straight JIC	4
16	8-10-070120	Fitting. No. 10 ORB Male to No. 8 JIC Male Straight	8
17	KH00346	Fitting. No.12 Long Drop 90 Deg. JIC	1
18	KH00345	Fitting. No.12 Short Drop 90 Deg. JIC	1
19	KH00339	Fitting. No.8 Long Drop 90 Deg. JIC	2
20	KH00341	Fitting. No.8 Short Drop 90 Deg. JIC	2
21	8-8-070121	Fitting. 8-8 Straight Swivel	1
22	8-6-070220	Fitting. 1/2 Straight O-Ring 90 Deg. Elbow	6
23	12-8-070123	Fitting. 12-8 Reducer JIC	4
24	12-12-12-070401	Fitting. 12-12-12 Tee JIC Union	2
25	6-4-070220	Fitting. 90 Deg. #6 JIC to #4 ORB	4
26	H6064	Fitting. Tee - Current	2
	6-6-6-070432	Fitting. No. 6 Tube - Swivel Run Tee - Non Current	2
27	6-6-070221	Fitting. 6-6 Swivel 90 Deg. JIC - Non Current	2
28	8-8-070801	Fitting. 45 Deg. Bulkhead Elbow JIC Flare Twin	2
29	6-6-070701	Fitting. No. 6-6 Bulkhead Union Elbow 90 Deg. (3/8 Tube)	2
30	6-070118	Fitting. No. 6 Bulkhead Nut (3/8 Tube)	2
31	8-070118	Fitting. No. 8 Bulkhead Nut	2
32	8-8-070120	Fitting. No. 8 JIC to No. 8 ORB Straight	2
33	8-8-070181	Fitting. SAE Straight Female Swivel	2
34	KH20350	Fitting.	2
35	KH20129	Fitting. Float Valve Line Body	2



**Brouwer 6000-TS Sod Harvester
Hydraulic Tank Assembly**

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	20-20-070221	2	FITTING - 20-20 STRAIGHT THREAD JIC
2	20-20-070120	2	FITTING - 20-20 90° SWIVEL JIC
3	24-24-430292	1	FITTING - 90° SAE STRAIGHT THREAD TO HOSE BEAD (FLOW FITTING)
4	4134628	1	TEMPERATURE SENSOR
5	6-6-6-070432	2	NO. 6 TUBE -- SWIVEL NUT RUN TEE
6	8-12-070123	1	FITTING 1/2 STRAIGHT THRD O-RING CONNECTOR
7	8-6-070220	1	FITTING 1/2 STRAIGHT O-RING 90° ELBOW
8	8-8-8-070429	1	NO. 8 JIC SWIVEL BRANCH 'T'
9	A100137	2	ACCESS COVER HYDRAULIC TANK
10	A100142	2	GASKET SECONDARY FLANGE
11	A100143	2	GASKET ACCESS COVER
12	B100147	18	FUEL TANK MOUNT WASHER
13	B110399	1	FILLER FLANGE CAP
14	B110400	1	GASKET FRONT FILLER
15	B300070	1	RETURN FLANGE #24 PORT
16	B300071	1	RETURN FLANGE #20 PORT
17	B300310	1	HYDRAULIC TANK WELDMENT 6 MOUNTS
18	F040404	6	BOLT- HEX HD 1/4 UNC x 0.50 LG. GR 8
19	F040406	32	BOLT 1/4 UNC x 3/4 Gr 8
20	F040612	8	BOLT - 3/8 UNC x 1 1/4 Gr 8
21	F040624	6	HEX BOLT 3/8-16UNC x 2-1/2 LG.
22	F040712	8	BOLT - 7/16 UNC x 1 1/4 Gr 8
23	F210600	6	HEX LOCK NUT - 3/8 -16 UNC
24	F310400	32	WASHER - 1/4 LOCK
25	F310600	8	LOCK WASHER - 3/8
26	F310708	8	LOCK WASHER - 7/16 GR.8
27	F320200	6	WASHER - #10
28	F320400	32	WASHER-1/4
29	F330400	6	1/4 SAE FLAT WASHER
30	F330708	8	7/16 SAE FLAT WASHER Gr 8
31	F570204	6	PAN HD PHIL 10-32 x 0.50 LG. ST STL
32	KH00036	2	PLUG - HEX SAE #24 MAGNETIC PLUG
33	KH00106	2	FLANGE - 1 1/4 IN. SAE FLANGE KIT CODE 62
34	KH00133	1	SPLIT FLANGE CODE 61 - 2.00
35	KH00173	1	FITTING - CODE 61 #20 TO #20 HOSE BARB STRAIGHT
36	KH00128	2	FITTING
37	KH00310	1	FITTING - SPLIT FLANGE 90° TO HOSE BARB SIZE 32
38	KH00311	1	FITTING - BSPP SWIVEL 90° TO HOSE BARB SIZE 48
39	KH00333	1	FITTING - 90° HOSE BARB TO CODE 69
40	KH10013	1	FLUID LEVEL INDICATOR W/ ELECTRICAL
41	KH40105	1	HYDRAULIC FILLER ANGLED
42	KL00010-B500005	1	HYDRAULIC OIL - HYDREX XV - 412 L
43	KM71012	6	RUBBER MOUNT - FUEL TANK
44	12-12-070220	1	STRAIGHT THREAD 90° ELBOW 37° FLARE - SAE ORB
45	12-12-12-070432	1	FITTING - NO. 12 TUBE - SWIVEL RUN TEE
46	8-8-8-070432	1	FITTING - NO. 8 TUBE - SWIVEL RUN TEE



MANUFACTURER'S
PART NUMBER

IMPORTANT

When replacing a spool:
Check that the manufacturer's part
number etched into the spool
is the same on **BOTH SPOOLS**.

ITEM NO.	PART NO.	DESCRIPTION	QTY
		Brouwer 6000-TS Sod Harvester Hydraulic PVG Valves	
1	KH20335	6-Bank Valve Block	1
2	KH20332	5-Bank Valve Block (Conveyor RH)	1
3	KH20333	5-Bank Valve Block (Conveyor LH)	1
4	KH20334	6-Bank Valve Block (Gantry)	1
5	KH20348		22
6			1
7			1
8			1
9			1
10			1
11			1
12			1
13			1
14			1
15			1
16			1
17			1
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27			1

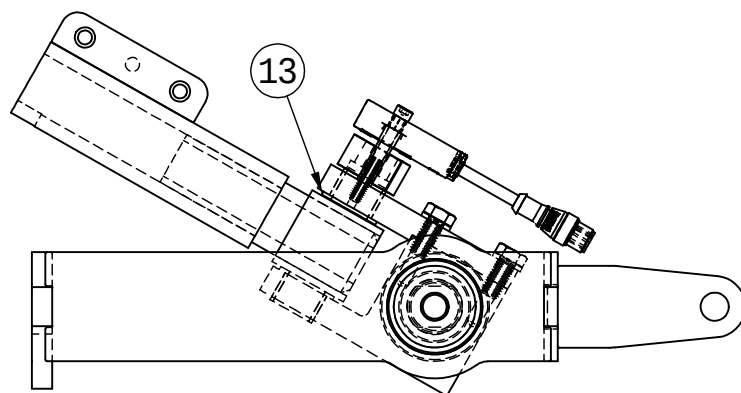
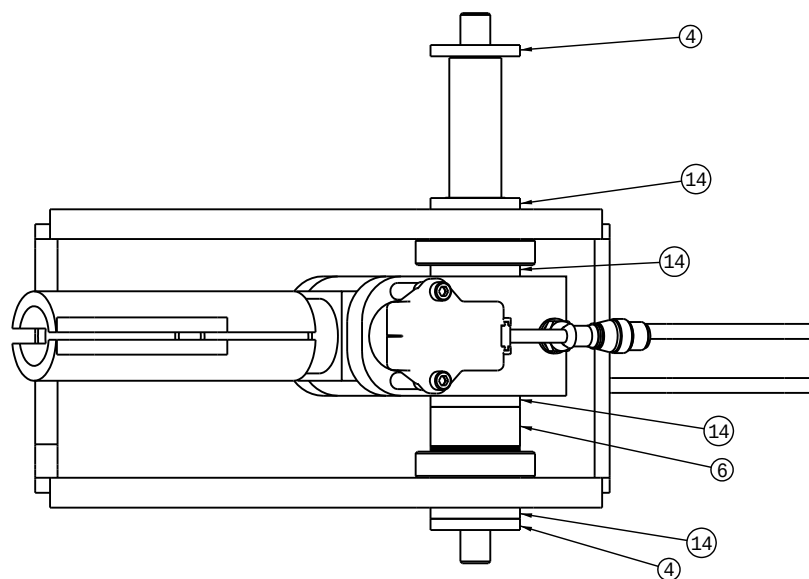
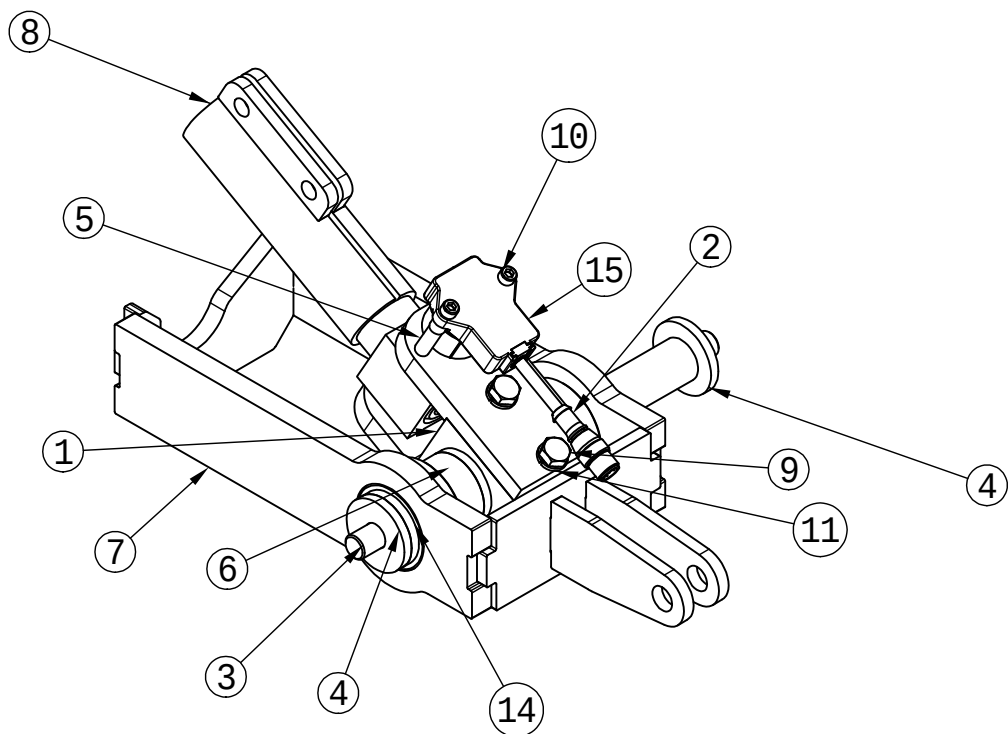
**Brouwer 6000-TS Sod Harvester
Filters**

CAT 3.6 Engine

PART NO.	QTY.	DESCRIPTION
	1	AIR FILTER PRIMARY - CAT 3.6
	1	AIR FILTER - SECONDARY - CAT 3.6
KD40107	1	OIL FILTER - CAT 3.6 - CAT 569-8036
KD40126	1	FUEL FILTER - CAT 3.6 - CAT 360-8960
KD40106	1	WATER SEPARATOR ELEMENT - CAT 3.6 - CAT 523-6604

SECTION 4 AUTO-STEER

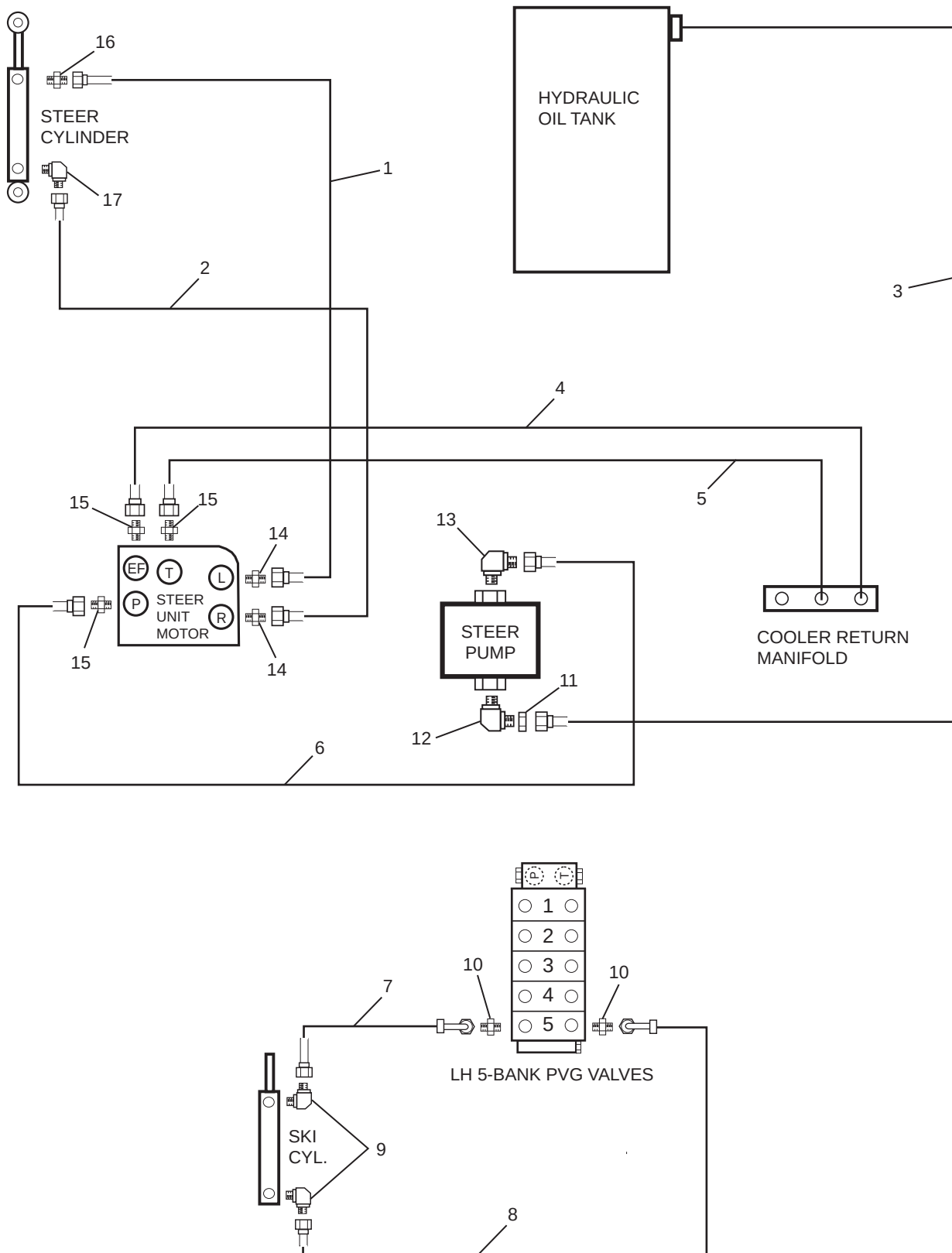
Auto-Steer Linkage Assembly	4-01
Auto-Steer Hydraulic Layout – Hoses & Fittings	4-03
Auto-Steer Electrical Layout	4-05



Brouwer 6000-TS Sod Harvester
Auto-Steer Linkage Assembly

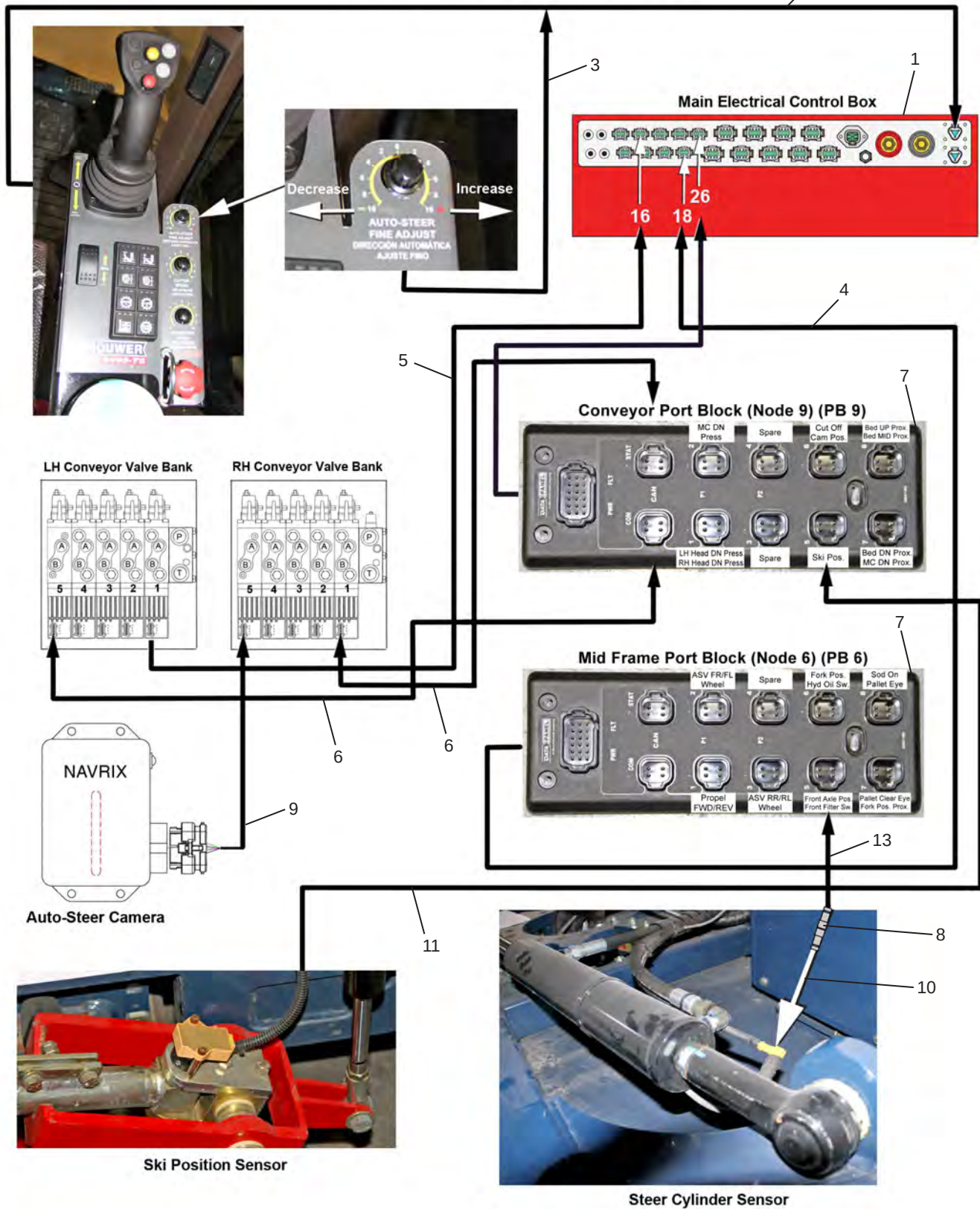
ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B100386	1	AUTO-STEER LINKAGE BOTTOM PIVOT
2	B100387	1	AUTO-STEER PIVOT TOP CAP
3	B111053	1	AUTO-STEER PIVOT PIN
4	B100450	2	WASHER 1.50 x 0.50 x 0.188
5	B100619	2	AUTO-STEER SENSOR SPACER
6	B101101	1	AUTO-STEER PIVOT SPACER
7	B300053	1	AUTO-STEER ARM LIFT LINKAGE
8	B300054	1	AUTO-STEER SKI ARM CLAMP AND PIVOT
9	F040506	2	BOLT - 5/16 UNC x 3/4 Gr 8
10	F180216	2	HEX SOCKET - 10-24 x 1.75 LG.
11	F310500	2	LOCK WASHER - 5/16
12	F381014	4	SHIM WASHER - 1.50 x 1.00 x 0.020 THK.
13	KB11607	2	IGUS BUSHING FLANGED 0.75 x 0.875 x 0.625 LG.
14	KB11615	4	IGUS BUSHING FLANGED 1.00 x 1.25 x 0.75
15	R101766	1	PROGRAMMED ROTARY SENSOR 45°

Auto Steer Hydraulic Layout



ITEM NO.	PART NO.	DESCRIPTION	QTY
Brouwer 6000-TS Sod Harvester Auto-Steer - Hydraulic System - Hoses & Fittings			
1	B210396	Hose Assembly. Steer Cylinder to Steer Unit Motor	1
2	B210395	Hose Assembly. Steer Unit Motor to Steer Cylinder	1
3	B210003	Hose Assembly. Tank to Steer Pump	1
4	B210397	Hose Assembly. Steer Unit Motor to Cooler Return Manifold	1
5	B210398	Hose Assembly. Cooler Return Manifold to Steer Unit Motor	1
6	B210399	Hose Assembly. Steer Pump to Steer Unit Motor	1
7	B210430	Hose Assembly. Ski Cylinder to LH 5 Bank PVG Valves	1
8	B210429	Hose Assembly. LH 5 Bank PVG Valves to Ski Cylinder	1
9	6-4-070120	Fitting. No. 4 ORB Male to No. 6 JIC Male Straight	1
10	6-10-070120	Fitting. 3/8 Straight O-Ring Connector - SAE 37 Deg. (JIC) Flare Twin	2
11	KH00131	Fitting.	1
12	16-12-070220	Fitting. No. 12 Male ORB to No. 16 Male JIC 90 Deg.	1
13	10-10-070220	Fitting. No. 10 Male ORB to No. 10 Male JIC 90 Deg.	1
14	8-18-070187	Fitting.	2
15	8-22-070187	Fitting. No. 8 JIC - M22	1
16	8-6-070120	Fitting. No. 8 JIC Male to No. 6 ORB Male	1
17	8-6-070220	Fitting. 1/2 Straight O-Ring 90 Deg. Elbow	1

Auto-Steer Electrical Layout

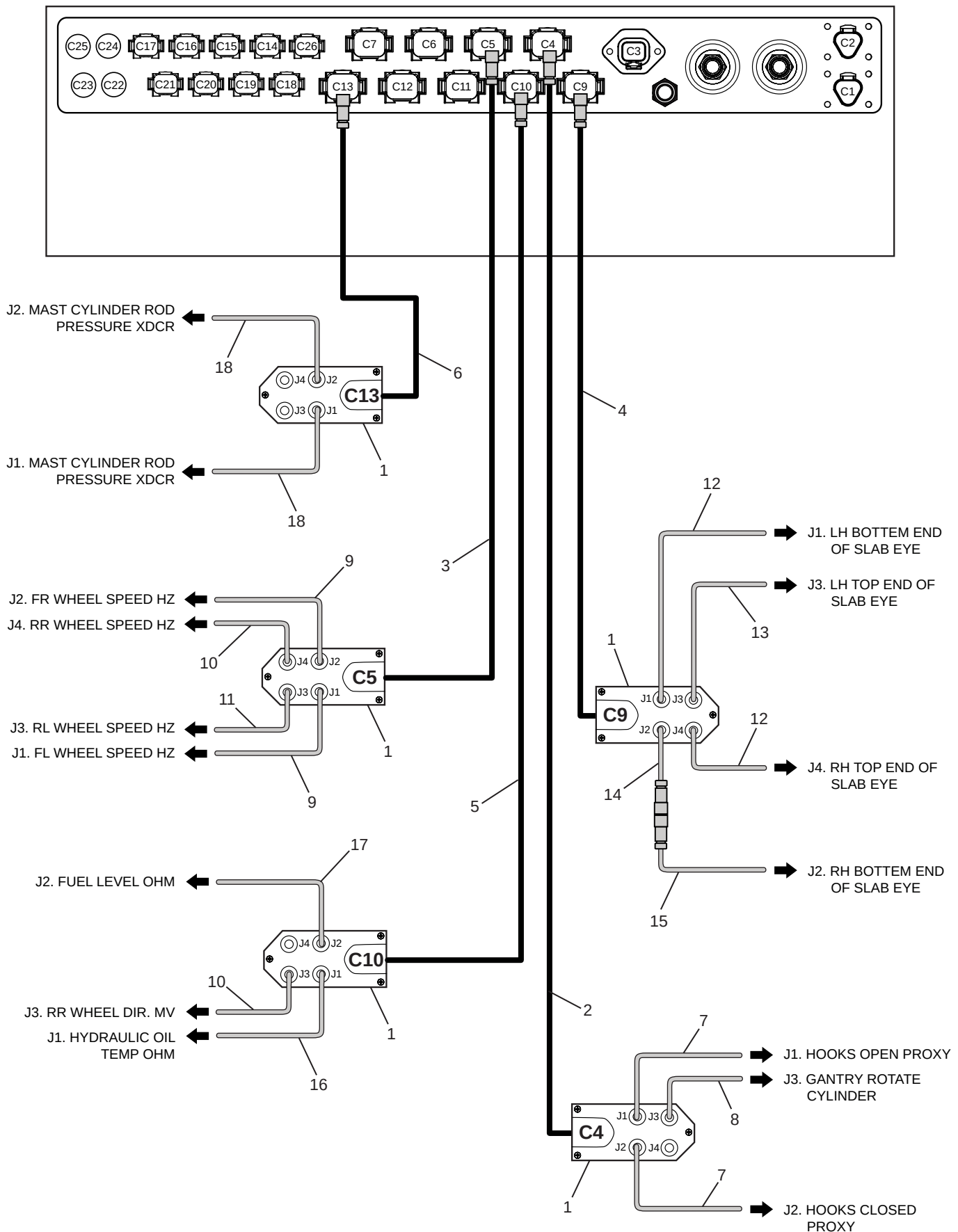


ITEM NO.	PART NO.	DESCRIPTION	QTY
		Brouwer 6000-TS Sod Harvester Auto-Steer - Electrical Layout	
1	B510047	Main Electrical Control Box	1
2	B510110	Wiring Harness - Cab Harness	1
3	B510053	Joystick Assembly	1
4	B510229	Wiring Harness - Mid Frame Port Block PWR/GND	1
5	B510225	Wiring Harness - Main Conveyor Motor - C16	1
6	B510228	Wiring Harness - Conveyor COM & STAT	2
7	KE60198	Port Block	2
8	KE60207	M12 Splitter	1
9		Wiring Harness - Steer Camera	1
10	KE60213	Cable	1
11	R101766	Wiring Harness - Sensor - 45 Deg. Rotary Sensor	1
12	B510205	Wiring Harness - Ski Position	1
13	KE60203	Cable	1

SECTION 5 ELECTRICAL

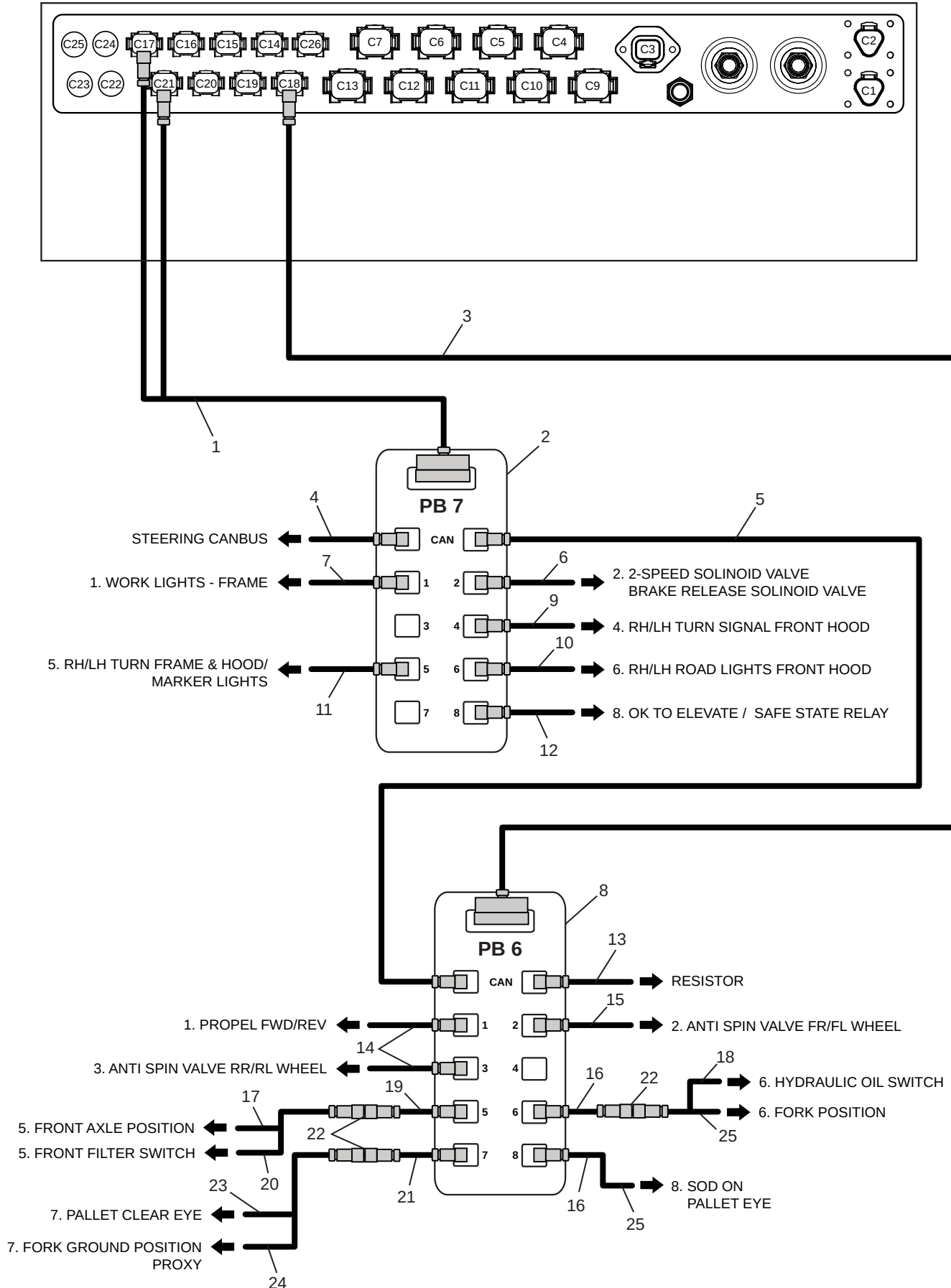
Main Electrical Box & Mutiports C4, C5, C9, C10 & C13	5-01
Main Electrical Box & Port Blocks 6 & 7	5-03
Main Electrical Box, Port Block 8, Gantry & Pallet Box PVG Valves	5-05
Main Electrical Box, Port Block 9, Conveyor RH & LH PVG Valves	5-07
Main Electrical Box & Port Block 10	5-09

Main Electrical Control Box



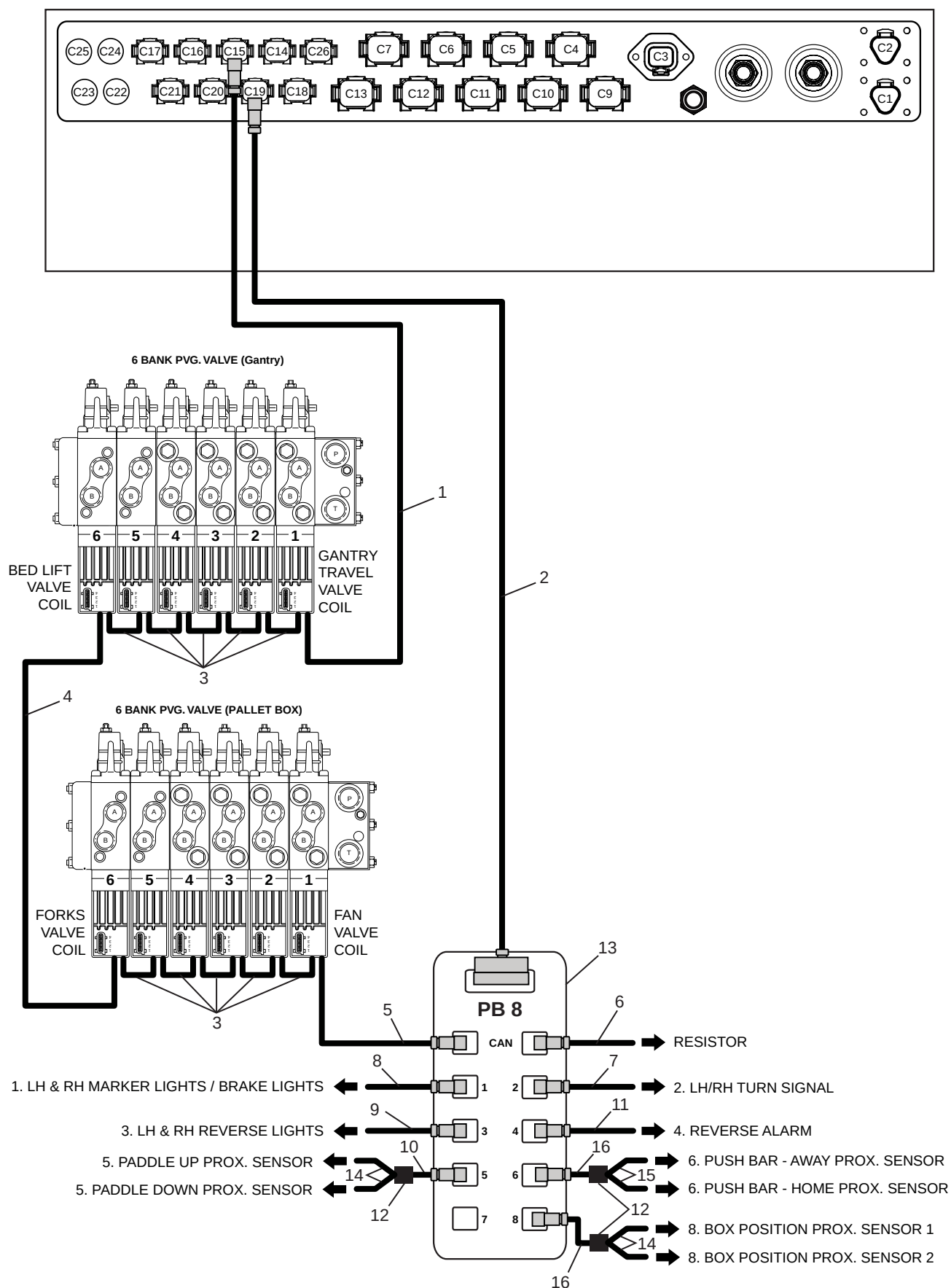
ITEM NO.	PART NO.	DESCRIPTION	QTY
		Brouwer 6000-TS Sod Harvester Main Electrical Box & Mutiports C4, C5, C9, C10 & C13	
1	KE60189	4 Port Multiport	5
2	B510209	Multiport 4 - Gantry Extension Cable	1
3	B510210	Multiport 5 - Frame RH Extension Cable	1
4	B510211	Multiport 9 - Back LH Extension Cable	1
5	B510212	Multiport 10 - Back RH Extension Cable	1
6	B510213	Multiport 13 - Back MID Extension Cable	1
7	KE60137	Cable	2
8	KE60212	Cable	1
9	B510223	Wire Harness - Left & Right Front PPU	2
10	B510221	Wire Harness - Right Rear PPU & Direction	2
11	B510222	Wire Harness - Left Rear PPU	1
12	KE60119	Cable	2
13	KE60150	Cable	1
14	KE60188	Cable	1
15	KE60141	Cable	1
16	B500354	Wire Harness - Hydraulic Oil Temp Sensor	1
17	B510208	Wire Harness - Fuel Level Cable	1
18	KE60125	Cable	2

Main Electrical Control Box



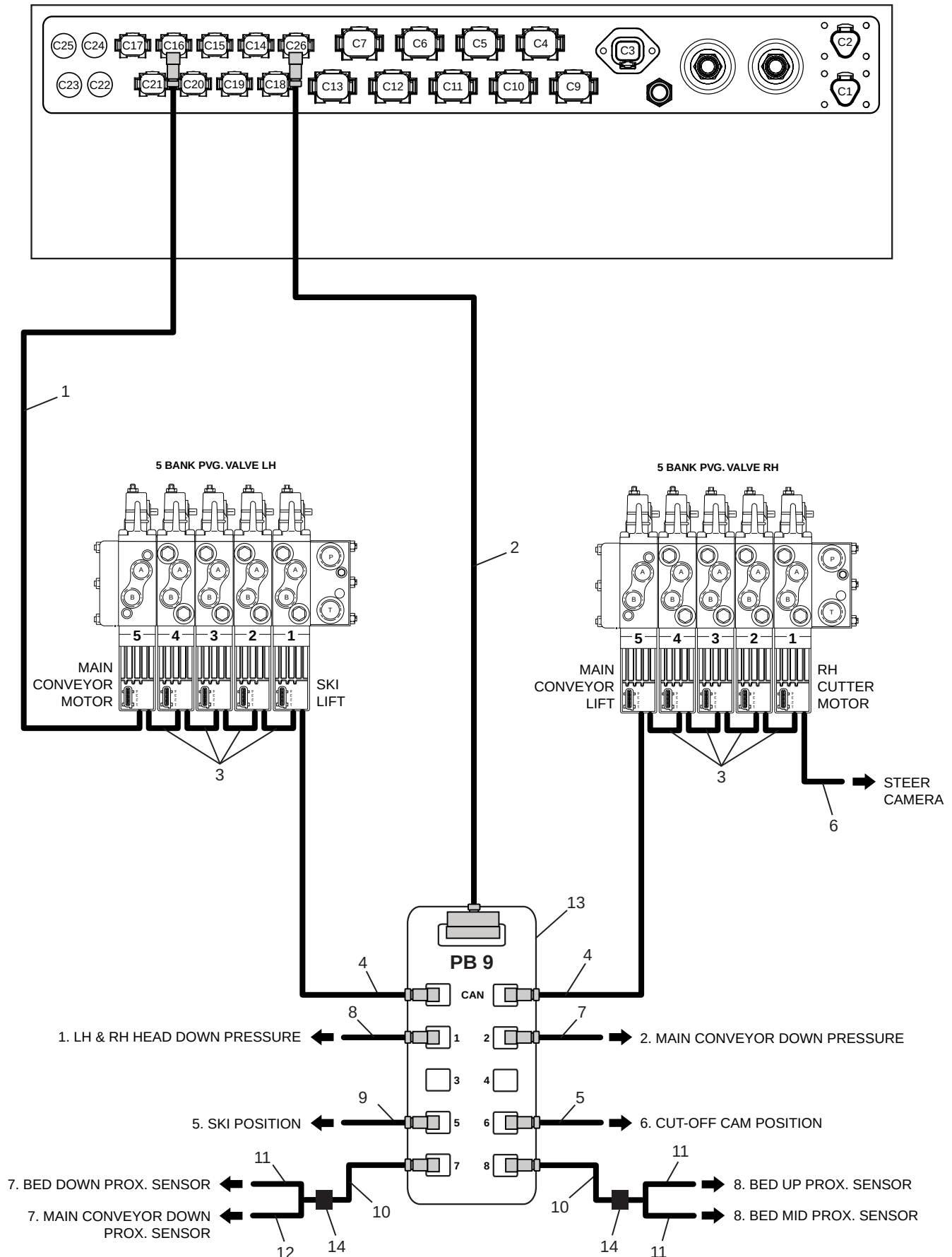
ITEM NO.	PART NO.	DESCRIPTION	QTY
		Brouwer 6000-TS Sod Harvester Main Electrical Box & Port Blocks 6 & 7	
1	B510226	Wire Harness - Front Frame Port Block PWR/GND	1
2	KE60195	Port Block	1
3	B510229	Wire Harness - MID Frame Port Block PWR/GND	1
4	B510232	Wire Harness - Steering - Front Frame COM	1
5	B510233	Wire Harness - Front Frame STAT-MID Frame COM	1
6	KE60197	Cable	1
7		Cable	1
8	KE60193	Port Block	1
9		Cable	1
10		Cable	1
11		Cable	1
12		Engine Harness	1
13		Cable	1
14	KE60196	Cable	2
15	KE60198	Cable	1
16	KE60204	Cable	2
17	KE60213	Cable	1
18	KE60211	Cable	1
19	KE60203	Cable	1
20	B510207	Wire Harness - Filter Switch	1
21	KE60206	Cable	1
22	KE60207	Cable	3
23	KE60120	Cable	1
24	KE60124	Cable	1
25	KE60137	Cable	2

Main Electrical Control Box



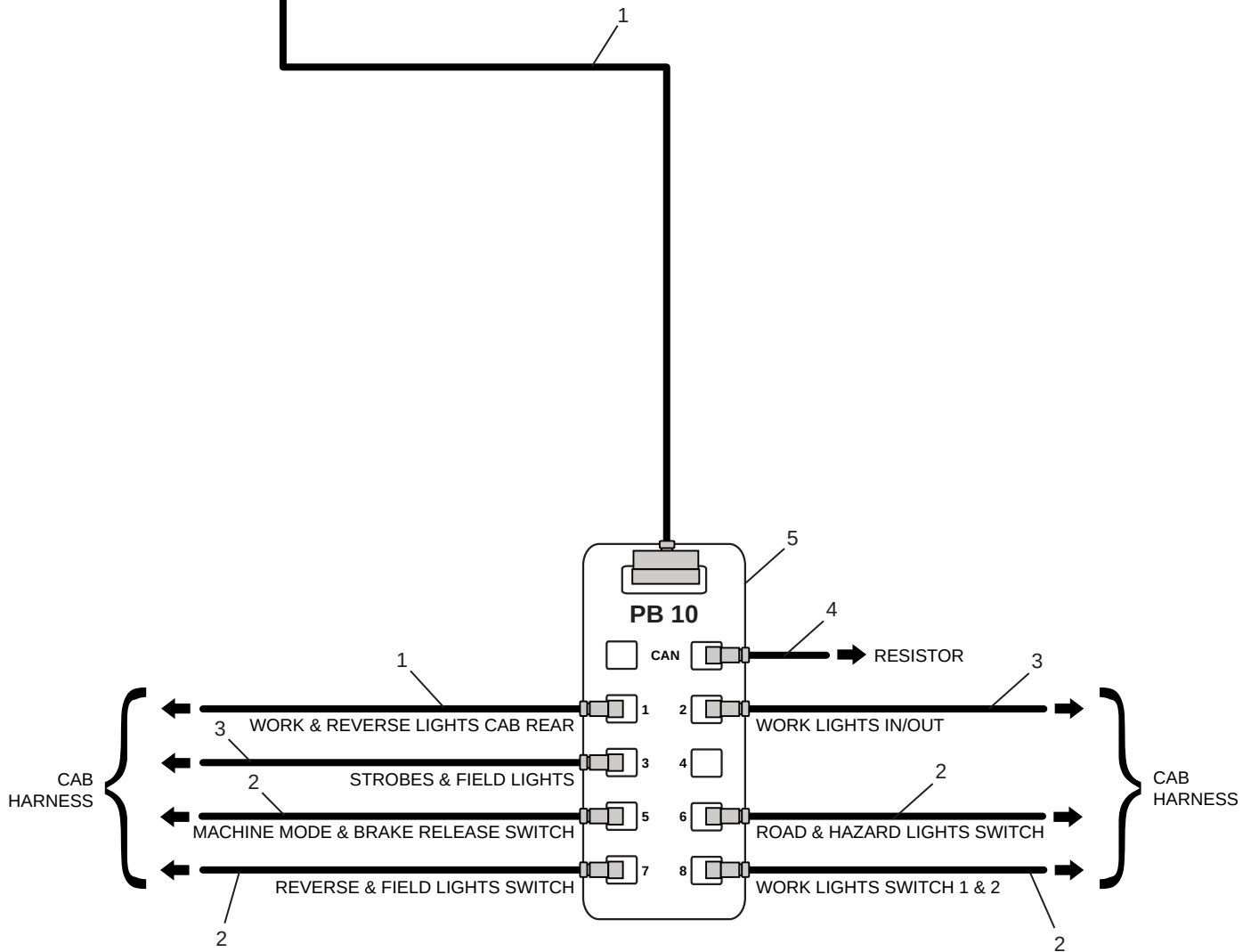
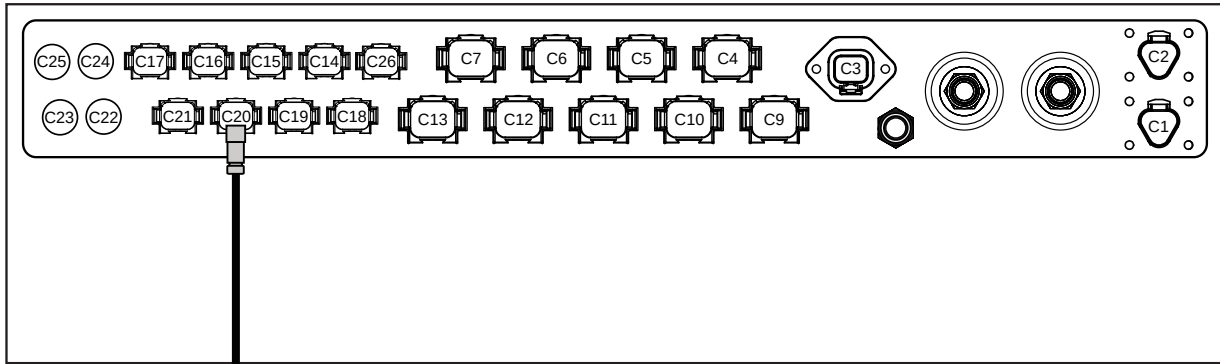
ITEM NO.	PART NO.	DESCRIPTION	QTY
		Brouwer 6000-TS Sod Harvester Main Electrical Box, Port Block 8, Gantry & Pallet Box PVG Valves	
1	B510224	Wire Harness - Gantry Travel - C15	1
2	B510230	Wire Harness - Injector Port Block PWR/GND	1
3		Danfoss Valve Jumper	10
4	B510234	Wire Harness - Forks - Bed Lift	1
5	B510227	Wire Harness - Fan - Injector COM	1
6		Cable	1
7		Cable	1
8		Cable	1
9	KE60200	Cable	1
10	KE60204	Cable	1
11		Cable	1
12	KE60207	M12 Splitter	3
13	KE60193	Port Block	1
14	KE60212	Cable	4
15	KE60124	Cable	2
16	KE60205	Cable	2

Main Electrical Control Box



ITEM NO.	PART NO.	DESCRIPTION	QTY
		Brouwer 6000-TS Sod Harvester Main Electrical Box, Port Block 9, Conveyor RH & LH PVG Valves	
1	B510225	Cable - Main Conveyor Motor - C16	1
2	B510231	Cable - Conveyor Port Block PWR/GND	1
3		Danfoss Valve Jumper	8
4	B510228	Cable - Conveyor COM & STAT	2
5	B510204	Cable - Cut Off Cam Position	1
6		Cable - Steer Camera	1
7	B510206	Cable - Conveyor Pressure Relief Valve	1
8	KE60196	Cable	1
9	B510205	Cable - Ski Position	1
10	KE60206	Cable	2
11	KE60129	Cable	3
12	KE60120	Cable	2
13	KE60193	Port Block	1
14	KE60207	M12 Splitter	2

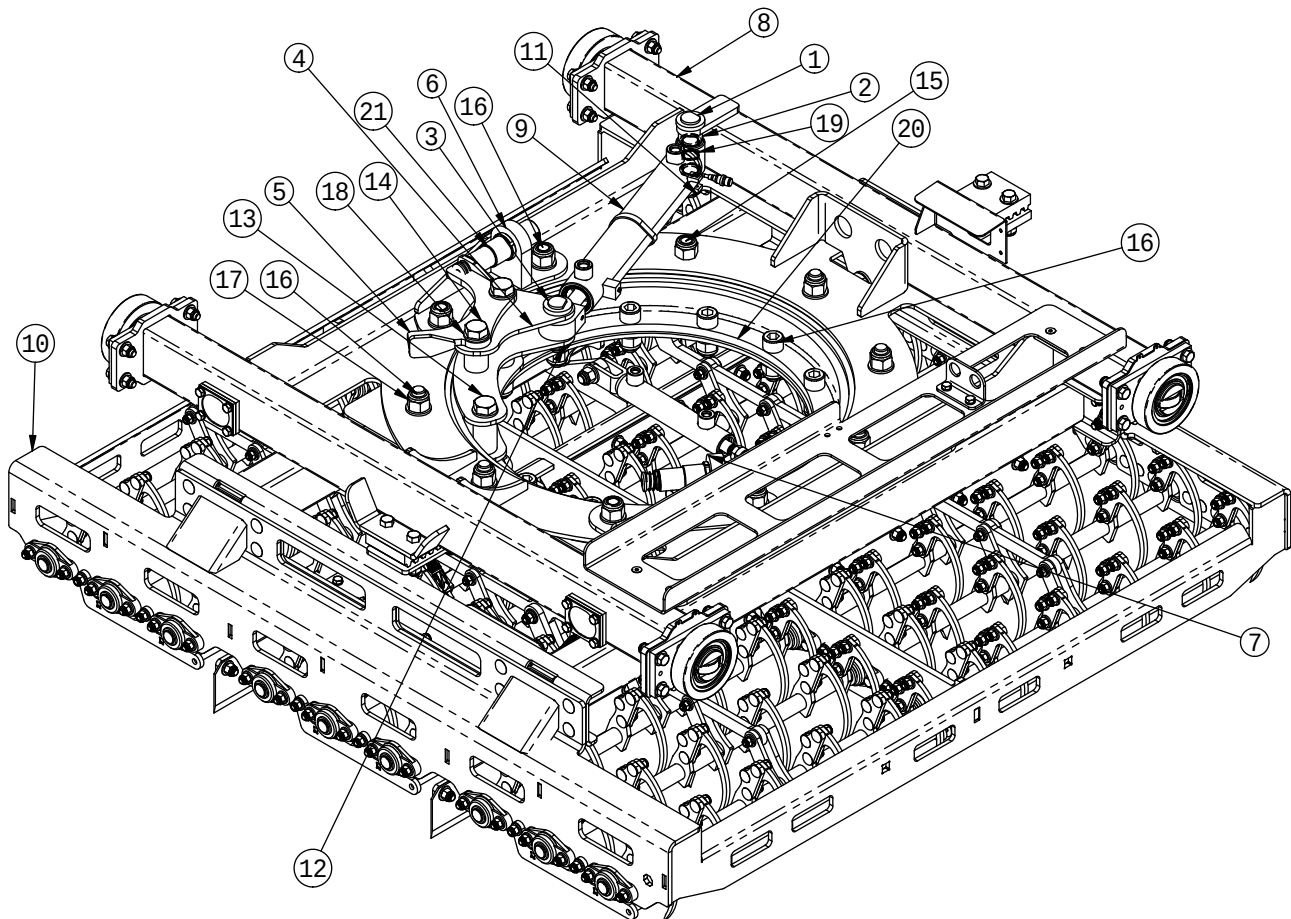
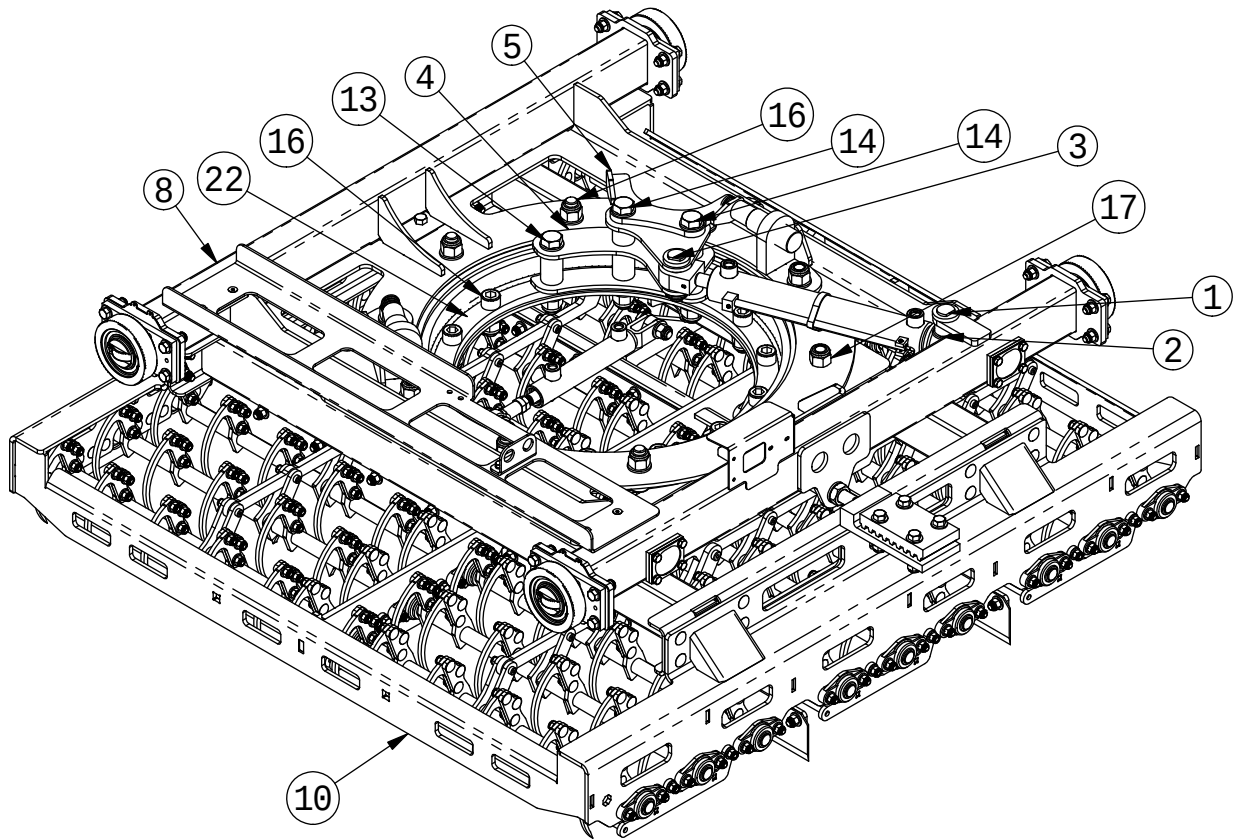
Main Electrical Control Box



ITEM NO.	PART NO.	DESCRIPTION	QTY
		Brouwer 6000-TS Sod Harvester Main Electrical Box & Port Block 10	
1	KE60193	Cab Harness	2
2		Cab Overhead Assmbly	4
3		Cab Lights Harness	2
4		Terminating Resistor	1
5		Port Block	1

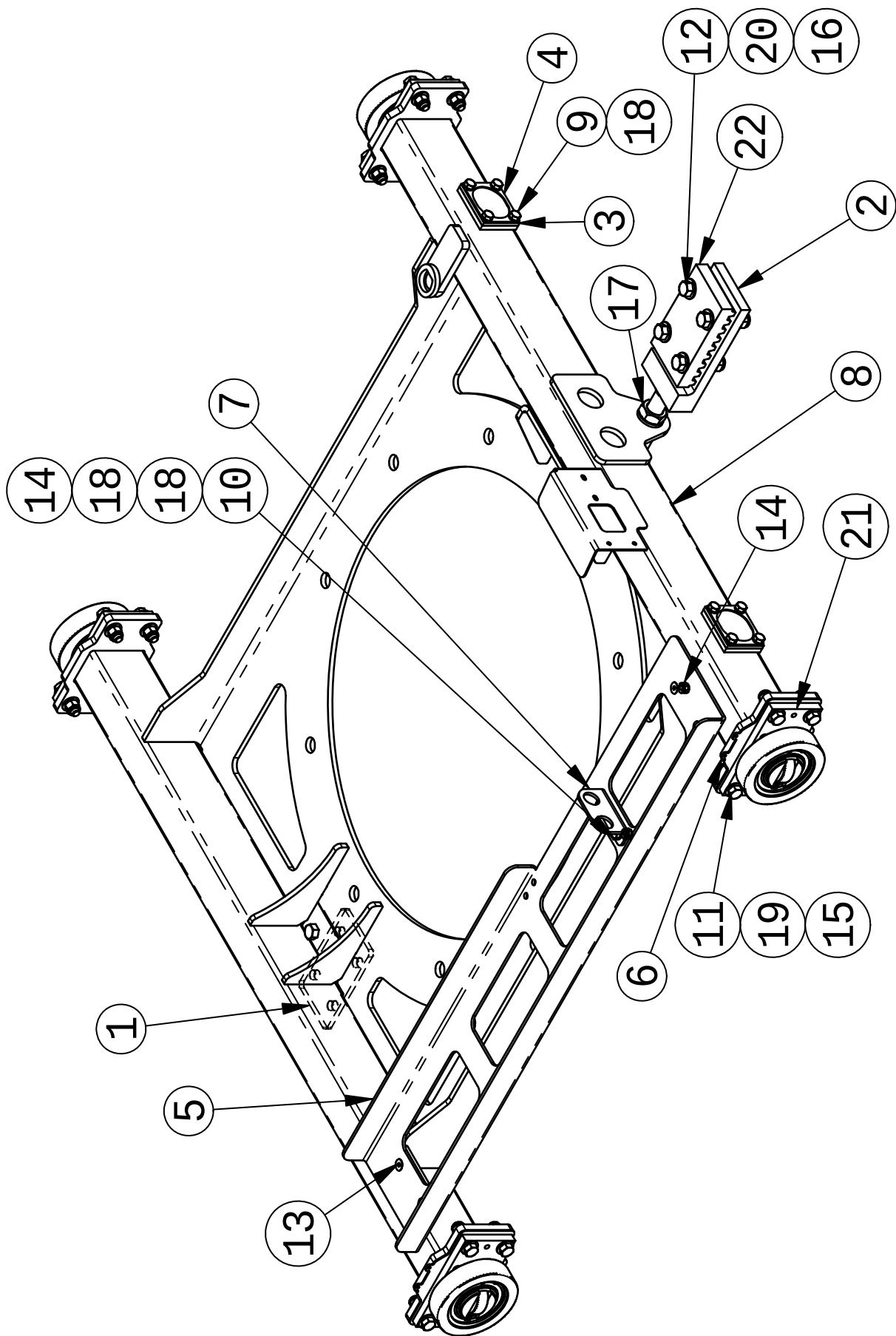
SECTION 6 PILING CAVITY & GANTRY

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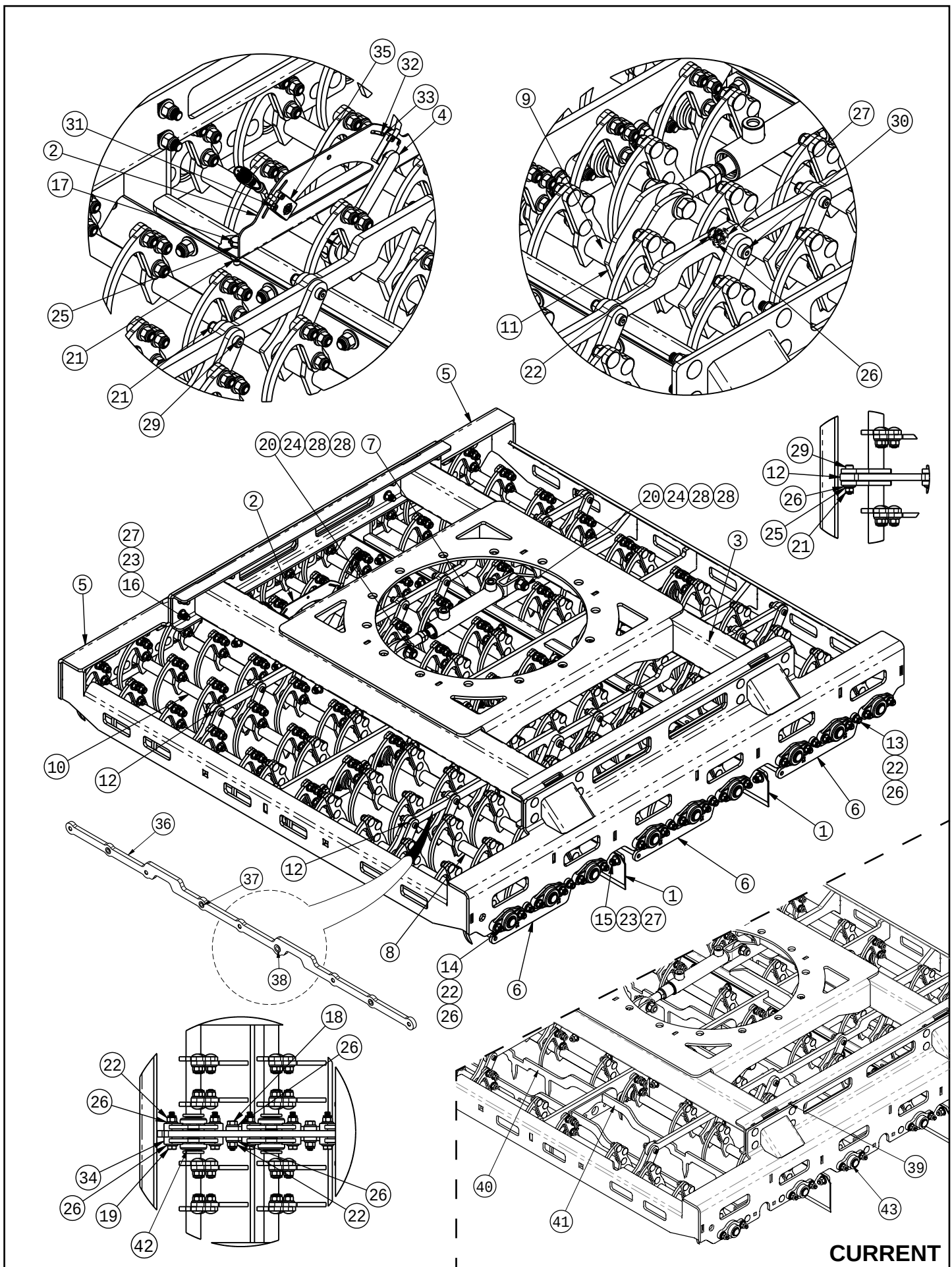
Brouwer 6000-TS Sod Harvester
Gantry Carrier with Pick-Up Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B110422	1	TURN CYLINDER PIN
2	B110426	1	TURN CYLINDER SPACER
3	B110427	1	TURN CYLINDER PIN
4	B310075	1	SLEWING RING TURN CYLINDER MOUNT
5	B310099	1	GRIPPER TURN STOP
6	B310100	1	SHOCK ABOSRBER MOUNT HOME
7	B310101	1	SHOCK ABOSRBER MOUNT AWAY
8	B510027	1	GANTRY CARRIER ASSEMBLY
9	B510033	1	GRIPPER TURN CYLINDER
10	B510064	1	SLAB PICK-UP ASSEMBLY
11	F271250	2	3/4-16 UNF NYLOC JAM NUT
12	F331200	2	SAE FLAT WASHER - 3/4 IN.
13	G0418120	3	HEX HEAD M18 -2.5 x 120 LG. GR 10.9
14	G0418170	2	HEX HEAD M18 -2.5 x 170 LG. GR 10.9
15	G1818040	1	SOC HD CAP - M18 -2.5 x 40 mm LG.
16	G1818050	18	SOC HD CAP - M18 -2.5 x 50 mm LG.
17	G211800	24	NYLOC NUT - M18 -2.5
18	G331800	26	FLAT WASHER M18
19	KB11231	2	FLANGE BUSHING 0.75 ID x 0.875 OD x 1.00 Lg.
20	KB50008	1	SLEWING RING - GRIPPER FRAME
21	KS60024	2	SHOCK ABSORBER
22	B310195	1	SLEWING RING BULKHEAD WELDMENT



Brouwer 6000-TS Sod Harvester Gantry Carrier Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	A101610	1	BELT SPACER
2	A300297	1	BELT TENSIONER CLAMP
3	B110371	4	GANTRY BUMPER PAD
4	B110372	4	BUMPER PAD COVER PLATE
5	B110414	1	ENERGY CHAIN MOUNTING CHANNEL
6	B110541	2	GANTRY CARRIER BEARING SHIM
7	B110605	1	GRIPPER CYLINDER BULKHEAD
8	B310059	1	GANTRY CARRIER
9	F040404	16	BOLT- HEX HD 1/4 UNC x 0.50 LG. GR 8
10	F040406	2	BOLT 1/4 UNC x 3/4 Gr 8
11	F040614	16	HEX HD BOLT - 3/8-16 UNC x 1.50 GR 8
12	F040722	8	HEX BOLT - 7/16 -14 UNC x 2.25 LG. GR 8
13	F120406	4	FLAT HEAD HEX SOCKET 1/4 -20 UNC x 0.75 LG.
14	F210400	6	1/4-20 UNC NYLOC NUT
15	F210600	16	HEX LOCK NUT - 3/8 -16 UNC
16	F210700	8	HEX LOCK NUT - 7/16 UNC
17	F221250	2	HEX JAM NUT - 3/4 UNF
18	F330400	24	1/4 SAE FLAT WASHER
19	F330600	32	FLAT WASHER SAE 3/8
20	F330700	12	7/16 SAE FLAT WASHER
21	KB10018	4	COMBINATION ROLLER 125 mm DIA. RUBBER ROLLER
22	KD64008	2	CLAMP PLATE 14mm

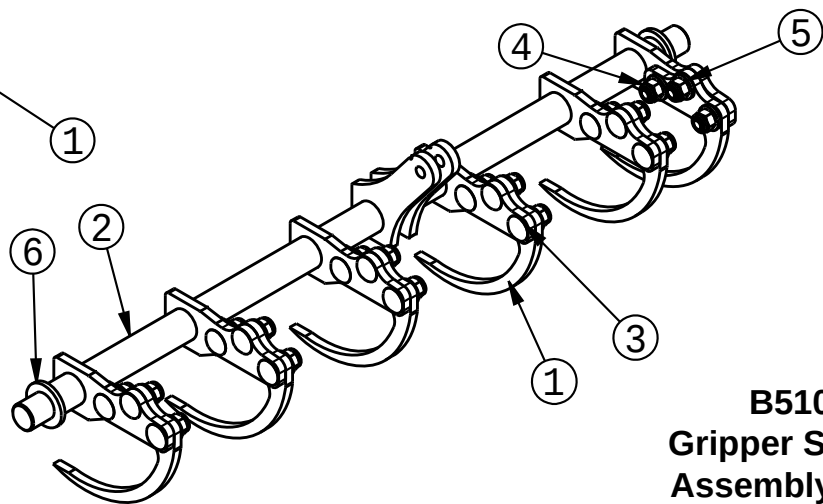
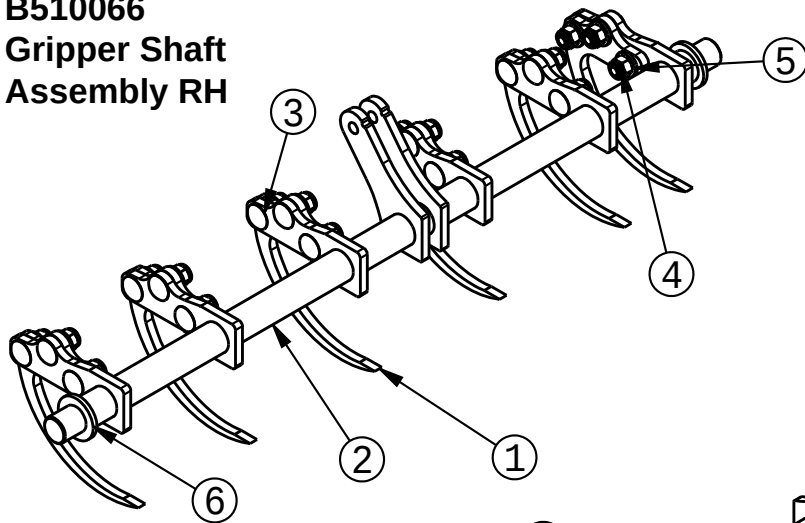


CURRENT

Brouwer 6000-TS Sod Harvester Slab Pick-Up Assembly

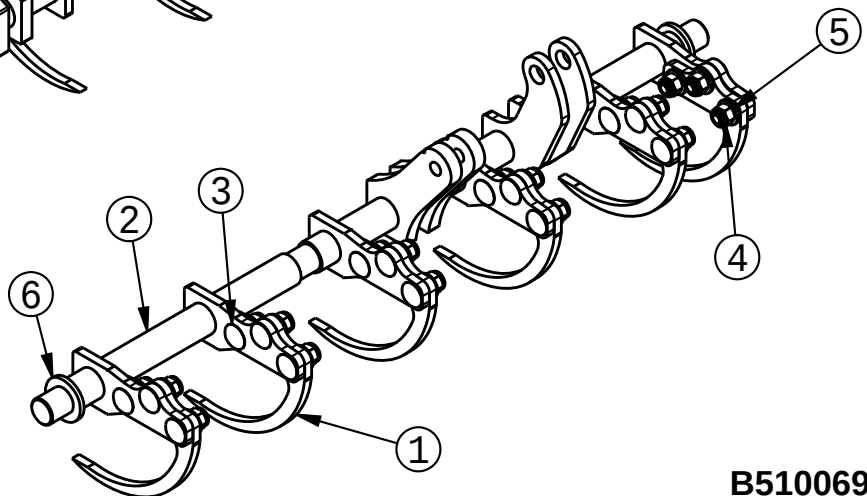
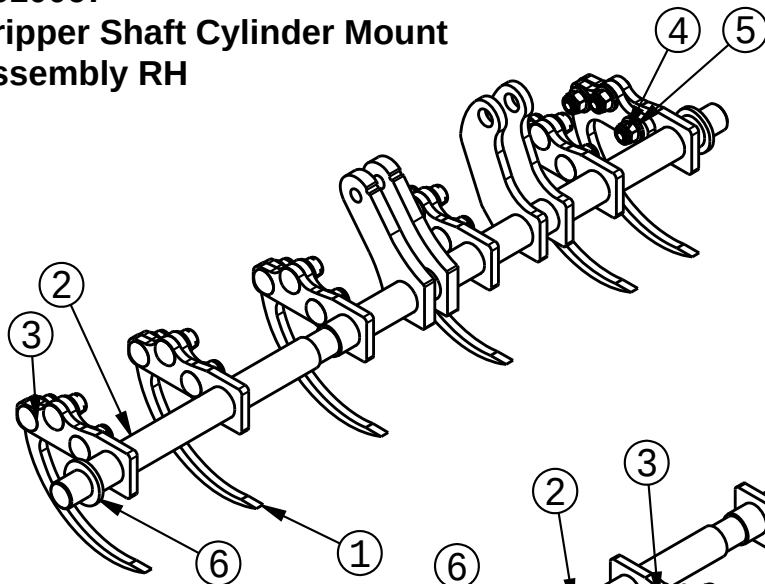
ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B111091	4	BED CUT OFF BLADE 24 IN. x 3.88 - CURRENT
	B110352	4	BED CUT OFF BLADE 24 IN. x 2.50 - NON CURRENT
2	B110601	1	CLAMP PROXIMITY MOUNT
3	B310064	1	GRIPPER SLEWING RING MOUNT
4	B310117	1	GRIPPER PROXIMITY TARGET
5	B310138	1	MAIN GRIPPER FRAME WELDMENT
6	B310144	6	GRIPPER BAR WELDMENT - NON CURRENT
7	B510029	2	GRIPPER TONG CYLINDER ASSEMBLY
8	B510066	5 or 8	GRIPPER SHAFT ASSEMBLY RH
9	B510067	1	GRIPPER SHAFT CYLINDER MOUNT ASSEMBLY RH
10	B510068	5 or 8	GRIPPER SHAFT ASSEMBLY LH
11	B510069	1	GRIPPER SHAFT CYLINDER MOUNT ASSEMBLY LH
12	B510079	2	LINKAGE BAR ASSEMBLY
13	F020510	12	5/16-18 X 1 LG CARRIAGE BOLT
14	F020512	24 or 36	5/16-UNC X 1-1/4 LG CARRIAGE BOLT
15	F020610	24	BOLT-3/8 UNC X 1 CARRIAGE
16	F020612	16	CARRIAGE BOLT - 3/8 UNC x 1 1/4
17	F040410	2	HEX BOLT - 1/4 -20 UNC x 1.00 Gr 8
18	F040514	6	BOLT - 5/16 -18 UNC x 1 1/2 Gr 8
19	F040516	18	BOLT 5/16 UNC x 1 3/4 Gr. 8 - CURRENT
	F040520	18	5/16-18 UNC X 2 GR 8 - NON CURRENT
20	F040820	4	BOLT - 1/2 UNC x 2.0 Gr 8
21	F210400	12 or 18	1/4-20 UNC NYLOC NUT
22	F210500	56 or 74	NUT-5/16 UNC NYLOC
23	F210600	40	HEX LOCK NUT - 3/8 -16 UNC
24	F210800	4	NUT-1/2 UNC NYLOC
25	F330400	14 or 20	1/4 SAE FLAT WASHER
26	F330500	84 or 114	5/16 SAE WASHER
27	F330600	43	FLAT WASHER SAE 3/8
28	F330800	8	1/2 SAE FLAT WASHER
29	F500510	10 or 16	SHOULDER BOLT 5/16 x 1.00 LG.
30	F500612	2	SHOULDER BOLT 3/8 x 1.25 LG.
31	G1803012	4	SOCKET HEAD M3-0.5 X 12 mm LG.
32	G210300	4	LOCK NUT - M3 x 0.50
33	G350300	4	FLAT WASHER - M3 STAINLESS STEEL
34	KB17012	36	FLANGE BUSHING IGUS 0.75 - NON CURRENT
35	KE10421	2	PROXIMITY SENSOR - SURFACE MOUNT
36	B110733	1	GRIPPER TONG LINKAGE BAR
37	KB11005	5	SPHERICAL PLAIN BEARING - 5/16 - CURRENT
	KB11203	8	IGUS FLANGE BUSHING Z 5/16 I.D. x 3/8 LG. - NON CURRENT
38	KB11006	1	SPHERICAL PLAIN BEARING - 3/8 - CURRENT
	KB11226	1	IGUS FLANGE BUSHING Z 3/8 I.D. x 3/8 LG. - NON CURRENT
39	B110981	2	GRIPPER FRAME SHIM - CURRENT
40	B310205	3	SOD GRIPPER PINS LH - CURRENT
41	B310206	3	SOD GRIPPER PINS RH - CURRENT
42	B510134	12	GRIPPER BUSHING ASSEMBLY INNER - CURRENT
43	B510135	12	GRIPPER BUSHING ASSEMBLY OUTER - CURRENT

B510066
Gripper Shaft
Assembly RH



B510068
Gripper Shaft
Assembly LH

B510067
Gripper Shaft Cylinder Mount
Assembly RH



B510069
Gripper Shaft Cylinder Mount
Assembly LH

**Brouwer 6000-TS Sod Harvester
Gripper Shaft Assemblies**

B510066 - Gripper Shaft Assembly RH

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B111060	5	SLAB HOOK - 3.00 SHORT - CURRENT
	B110353	6	SLAB HOOK - 3.00 - NON CURRENT
2	B310139	1	GRIPPER SHAFT RH
3	F020510	15 or 18	5/16-18 X 1 LG CARRAGE BOLT
4	F210500	15 or 18	NUT-5/16 UNC NYLOC
5	F330500	15 or 18	5/16 SAE WASHER
6	F381212	1 or 2	WASHER 0.75 I.D. x 1.25 O.D.

B510067 - Gripper Shaft Cylinder Mount Assembly RH

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B111060	5	SLAB HOOK - 3.00 SHORT - CURRENT
	B110353	6	SLAB HOOK - 3.00 - NON CURRENT
2	B310140	1	GRIPPER SHAFT CYLINDER ATTACHMENT RH
3	F020510	15 or 18	5/16-18 X 1 LG CARRAGE BOLT
4	F210500	15 or 18	NUT-5/16 UNC NYLOC
5	F330500	15 or 18	5/16 SAE WASHER
6	F381212	1 or 2	WASHER 0.75 I.D. x 1.25 O.D.

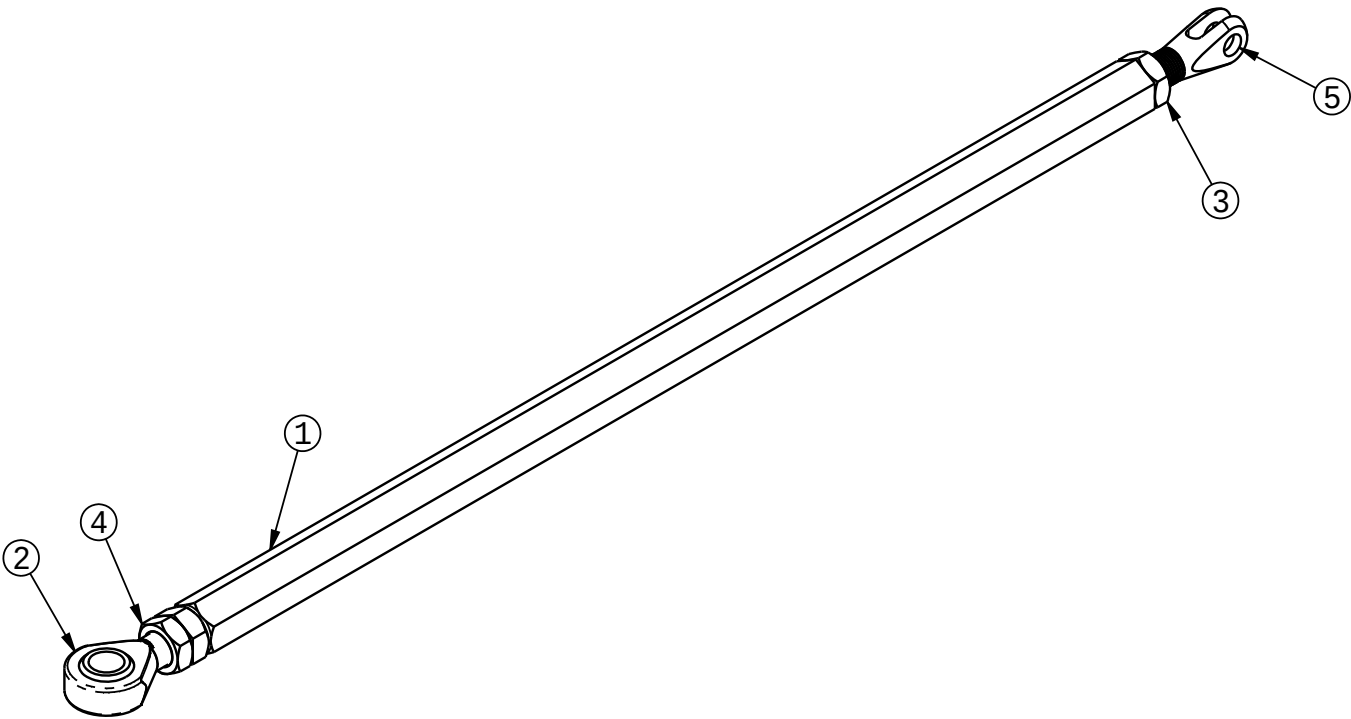
B510068 - Gripper Shaft Assembly LH

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B111060	5	SLAB HOOK - 3.00 SHORT - CURRENT
	B110353	6	SLAB HOOK - 3.00 - NON CURRENT
2	B310141	1	GRIPPER SHAFT LH - CURRENT
	B310140	1	GRIPPER SHAFT CYLINDER ATTACHMENT RH - NON CURRENT
3	F020510	15 or 18	5/16-18 X 1 LG CARRAGE BOLT
4	F210500	15 or 18	NUT-5/16 UNC NYLOC
5	F330500	15 or 18	5/16 SAE WASHER
6	F381212	1 or 2	WASHER 0.75 I.D. x 1.25 O.D.

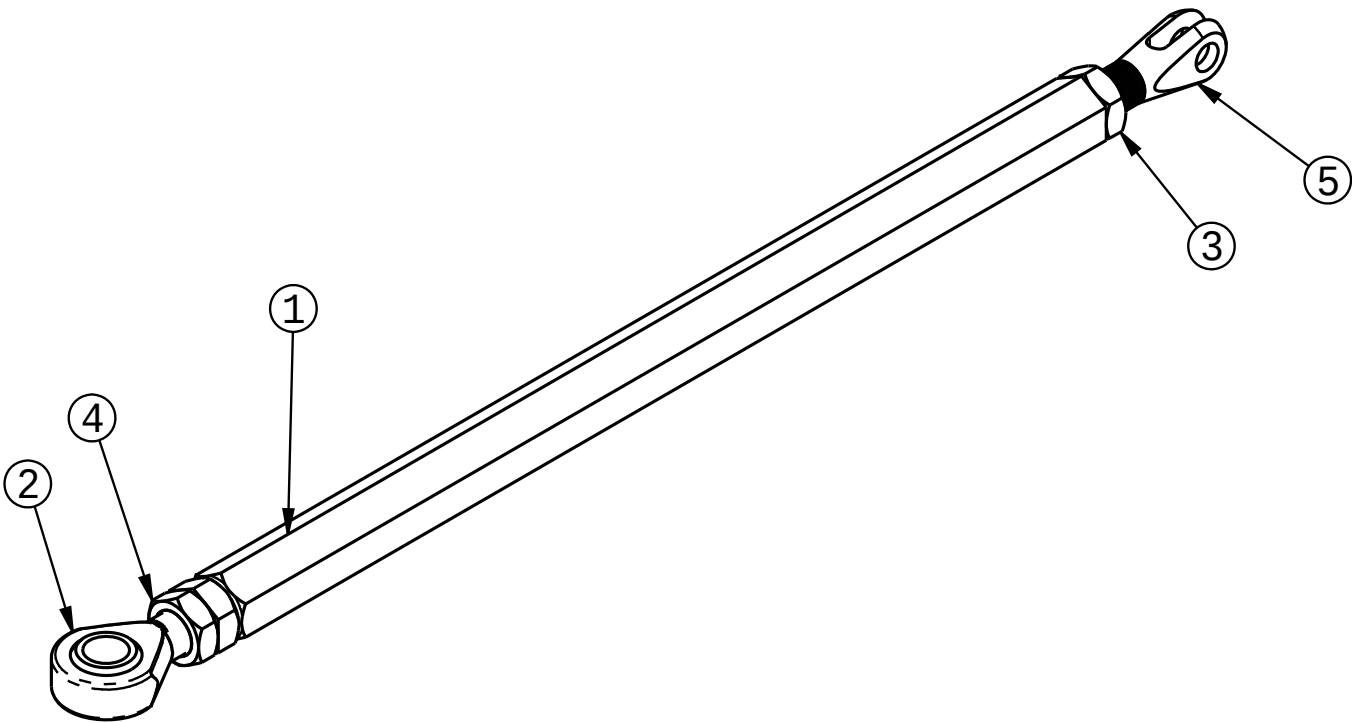
B510069 - Gripper Shaft Cylinder Mount Assembly LH

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B111060	5	SLAB HOOK - 3.00 SHORT - CURRENT
	B110353	6	SLAB HOOK - 3.00 - NON CURRENT
2	B310142	1	GRIPPER SHAFT CYLINDER ATTACHMENT LH
3	F020510	18	5/16-18 X 1 LG CARRAGE BOLT
4	F210500	15 or 18	NUT-5/16 UNC NYLOC
5	F330500	15 or 18	5/16 SAE WASHER
6	F381212	1 or 2	WASHER 0.75 I.D. x 1.25 O.D.

B510076 - Front Gantry Strut Bar Assembly



B510077 - Rear Gantry Strut Bar Assembly



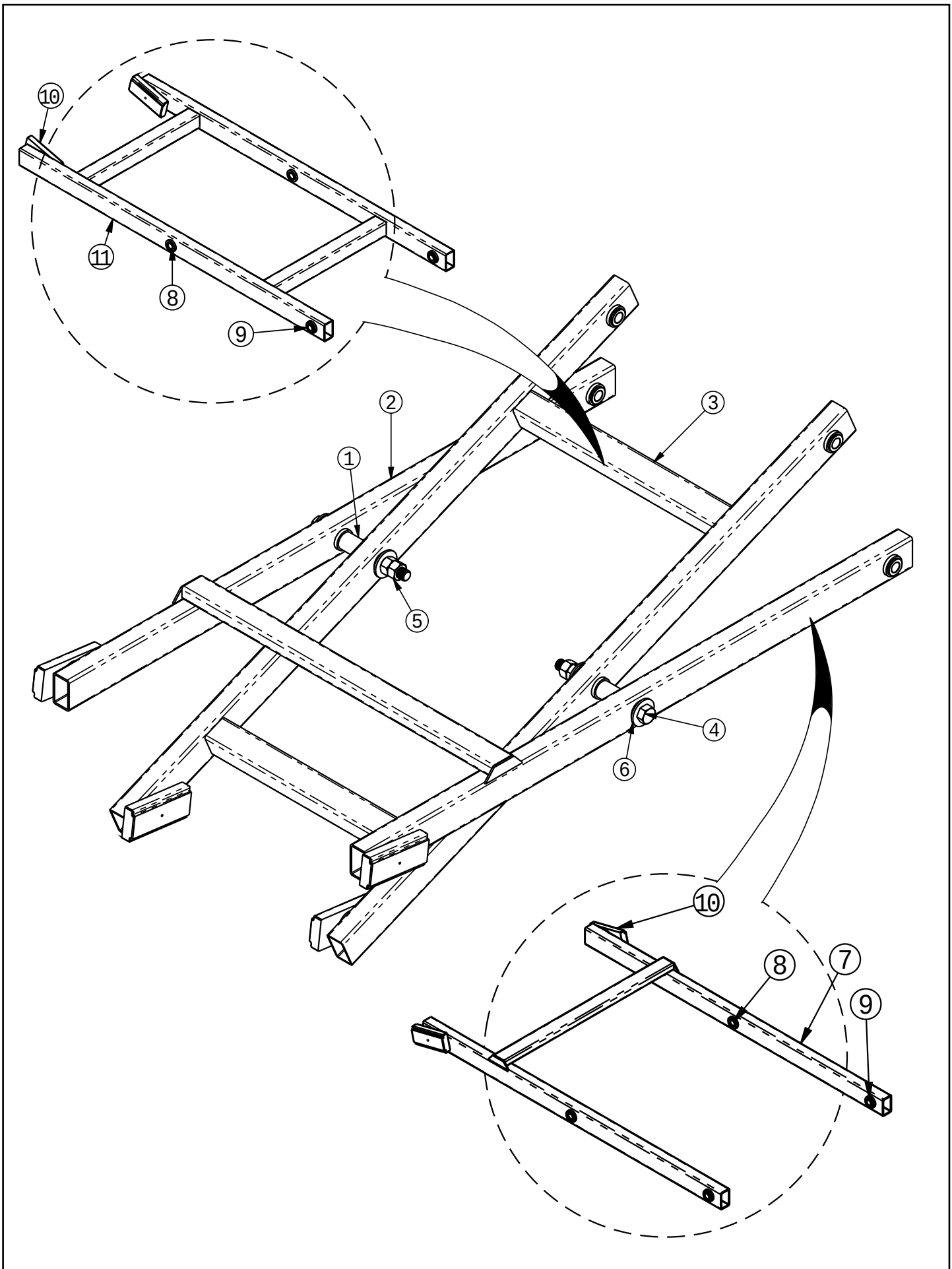
**Brouwer 6000-TS Sod Harvester
Front & Rear Gantry Strut Bar Assemblies**

B510076 - Front Gantry Strut Bar Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B110464	1	FRONT GANTRY STRUT BAR
2	CM00122	1	ROD END - MALE 3/4 UNF LH
3	F221250	1	HEX JAM NUT - 3/4 UNF
4	F221260	1	HEX JAM NUT - 3/4-16 UNF LH
5	KM81026	1	CLEVIS ROD END 3/4 RH MALE

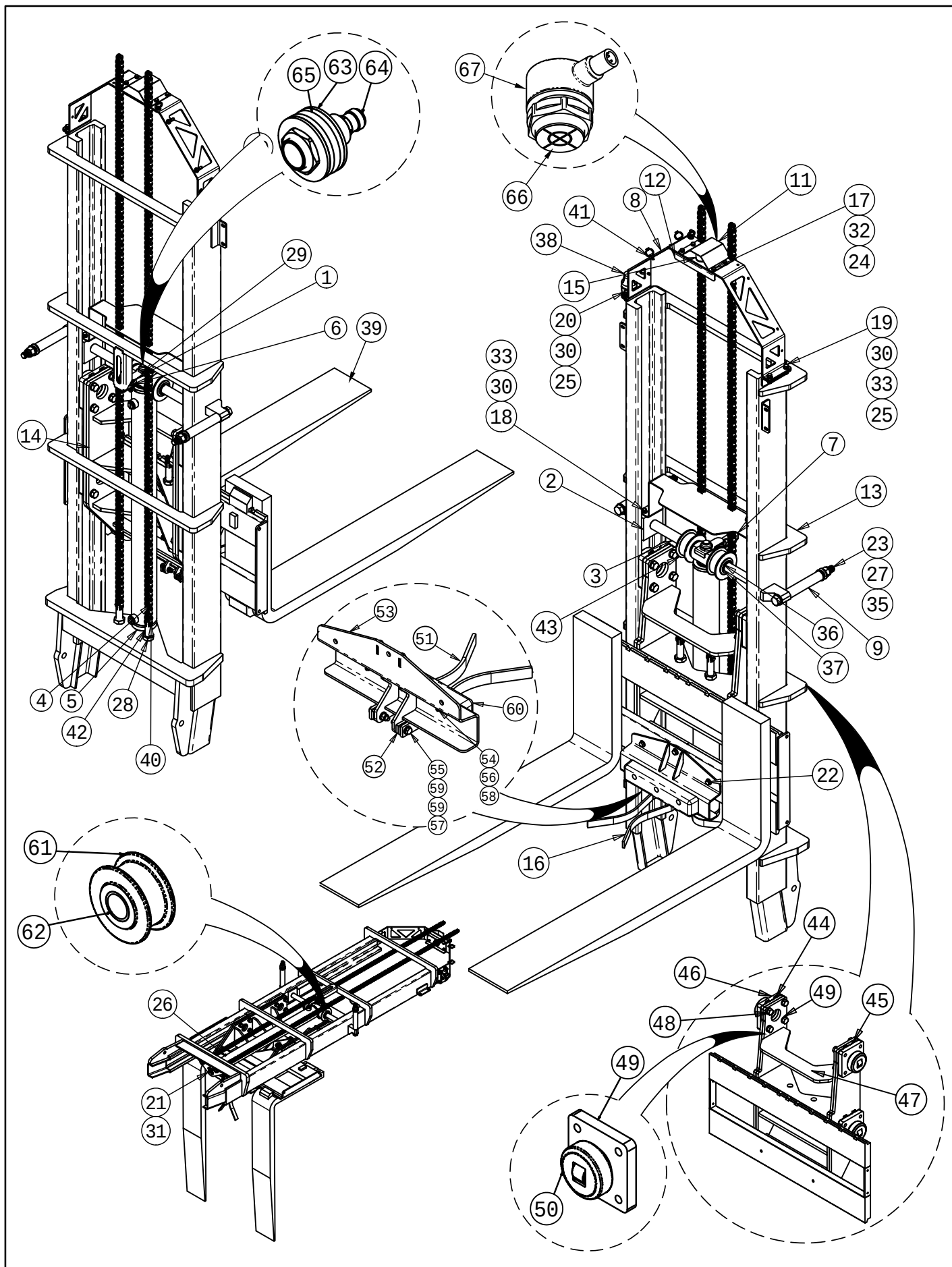
B510077 - Rear Gantry Strut Bar Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B110465	1	REAR GANTRY STRUT BAR
2	CM00122	1	ROD END - MALE 3/4 UNF LH
3	F221250	1	HEX JAM NUT - 3/4 UNF
4	F221260	1	HEX JAM NUT - 3/4-16 UNF LH
5	KM81026	1	CLEVIS ROD END 3/4 RH MALE



Brouwer 6000-TS Sod Harvester
Scissor Assembly

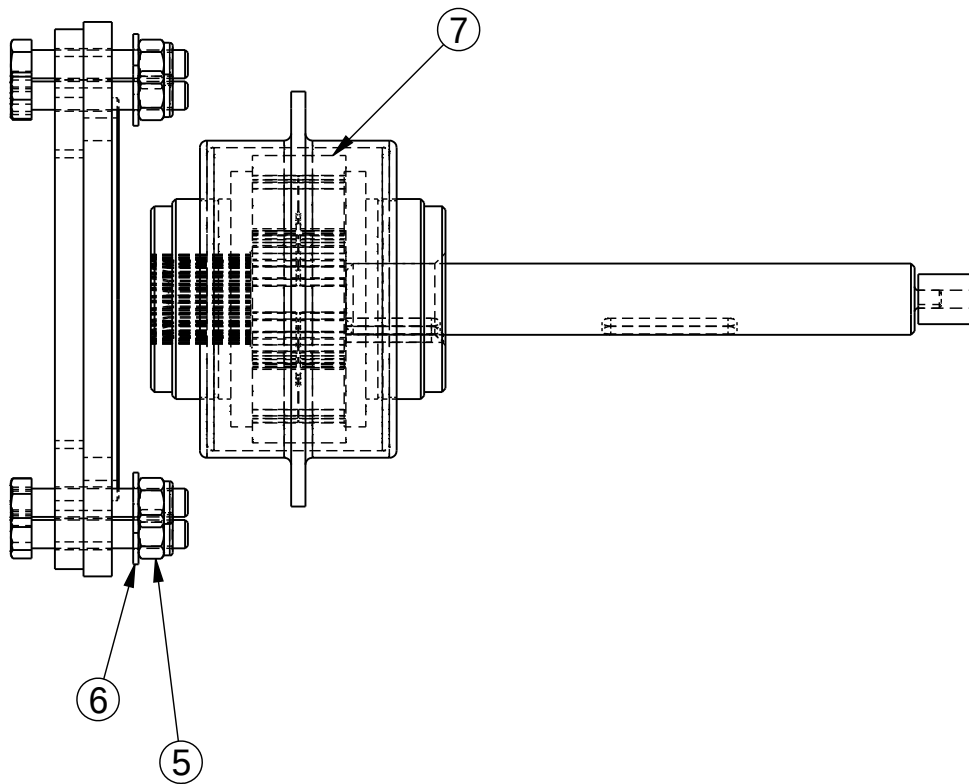
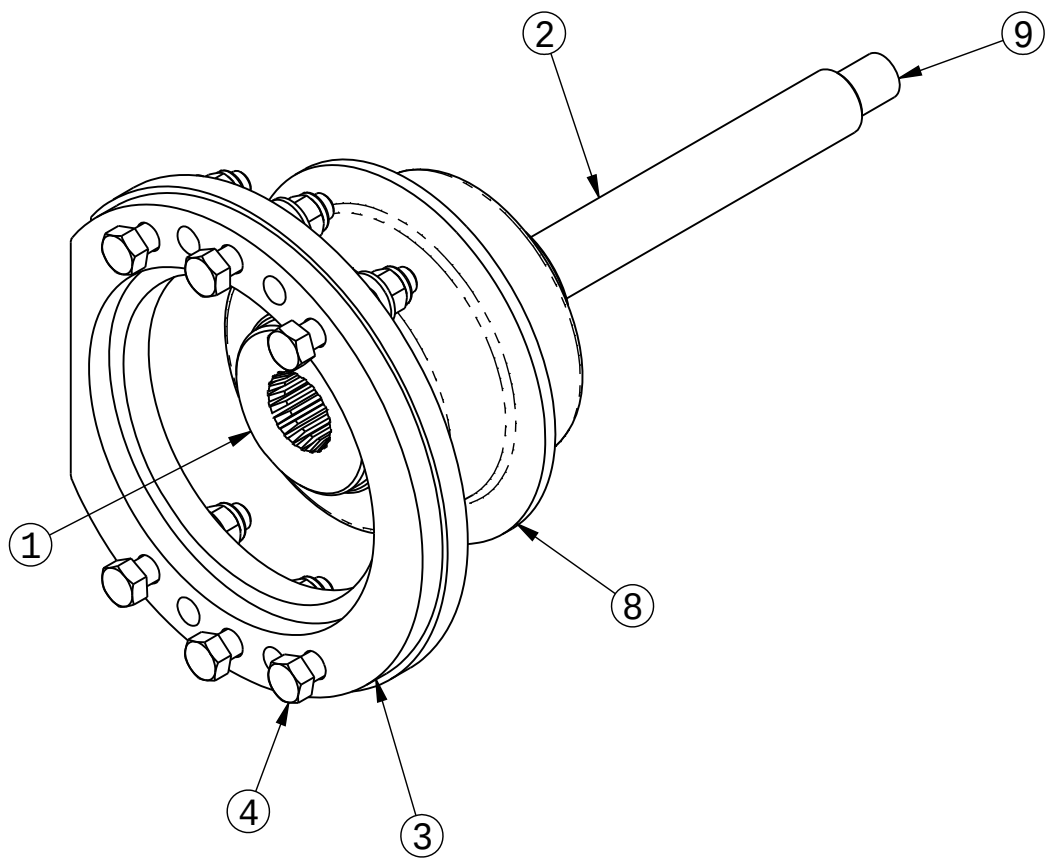
ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	A100757	2	SCISSOR PIN SPACER
2	B510015	1	OUTER SCISSOR ASSEMBLY
3	B510016	1	INNER SCISSOR ASSEMBLY
4	F041280	2	3/4 N.C. X 8 LG. GR 8 HEX HED CAP SC.
5	F231200	4	HEX NUT - 3/4 UNC
6	F321200	4	FLAT WASHER - 3/4
7	B310039	1	OUTER SCISSOR WELDMENT
8	KB11218	8	BUSHING 0.75 I.D. x 1.00 O.D. x 1.00 LG.
9	KB11211	8	IGUS FLANGE BUSHING 3/4 ID x 1.0 OD x 1.0 Lg.
10	A100747	4	BED SCISSOR & CUT OFF SLIDER BLOCK
11	B310040	1	INNER SCISSOR WELDMENT



Brouwer 6000-TS Sod Harvester

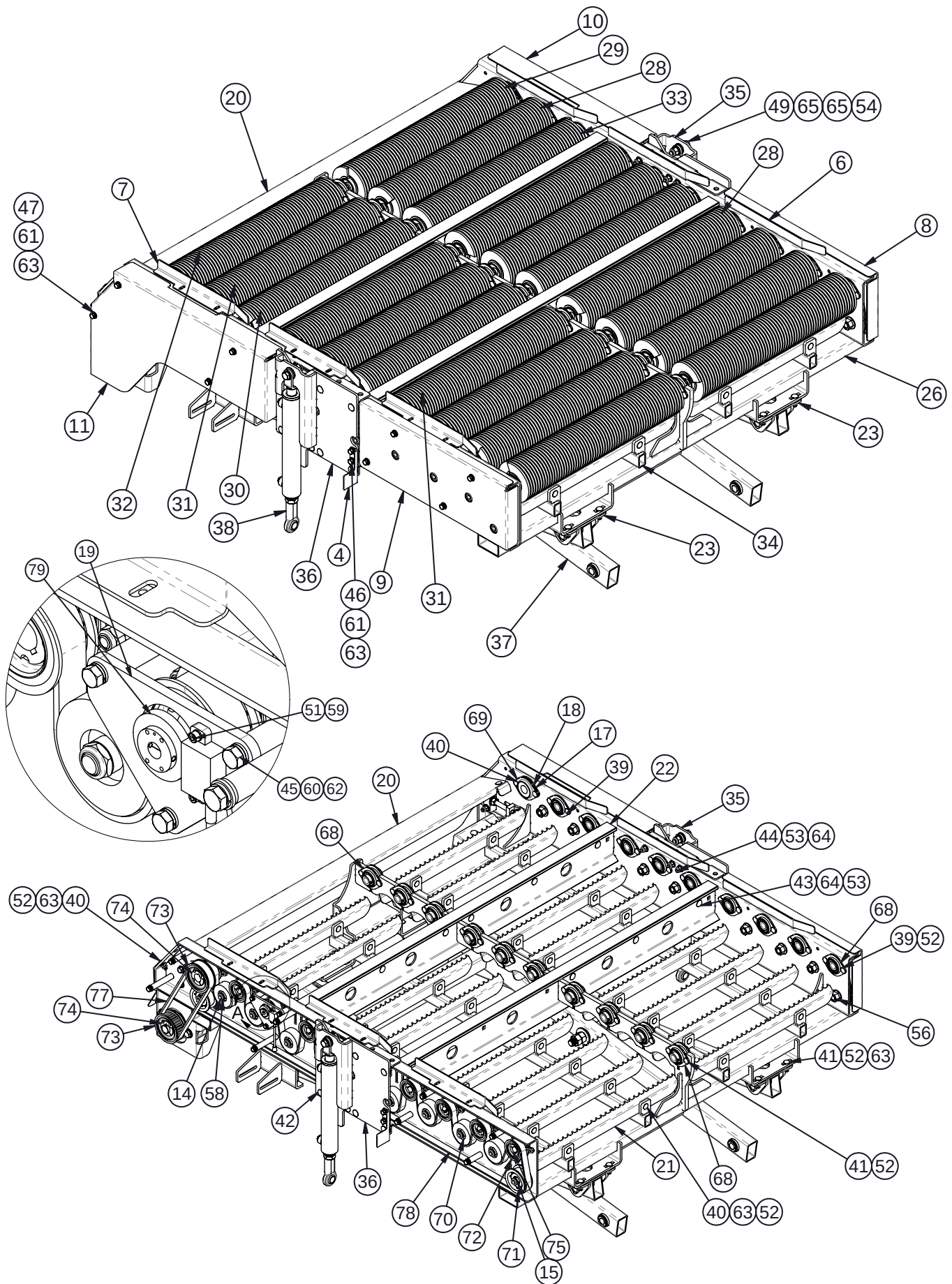
Mast Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	A100789	1	MAST DOWN PROXIMITY TARGET
2	A101057	2	GUIDE WHEEL CHAIN SHEAVE BAR
3	A101058	1	LIFT SHEAVE CROSS BAR
4	A101480	2	LIFT CHAIN
5	A500003	1	MAST CYLINDER
6	A500228	1	PROXIMITY SENSOR 18 MM ASSEMBLY
7	B100566	1	MAST CROSS BAR
8	B100571	1	MAST SENSOR AND LIGHT MOUNTING BAR
9	B101666	2	MAST BOLT COLLAR
10	B101837	1	TELEMATICS ANTENNA MOUNT
11	B101838	1	MAST SENSOR COVER
12	B101844	1	MAST SENSOR SHIELD
13	B300093	1	MAST WELDMENT 4000
14	B500106	1	FORK CARRIAGE ASSEMBLY
15	B500210	1	ULTRASONIC SENSOR WITH DECAL
16	B500221	1	PALLET CENTRING BRACKET
17	F040406	4	BOLT 1/4 UNC x 3/4 Gr 8
18	F040506	4	BOLT - 5/16 UNC x 3/4 Gr 8
19	F040510	2	HEX BOLT - 5/16 - 18 UNC x 1.0 LG. GR. 8
20	F040512	2	BOLT - 5/16 -18 UNC x 1 1/4 Gr 8
21	F040614	4	HEX HD BOLT - 3/8-16 UNC x 1.50 GR 8
22	F040622	3	BOLT - 3/8 UNC x 2 1/4 Gr 8
23	F0412100	2	HEX HD BOLT - 3/4 UNC x 10.00 LG. GR 8
24	F210400	4	1/4-20 UNC NYLOC NUT
25	F210500	4	NUT-5/16 UNC NYLOC
26	F210600	3	HEX LOCK NUT - 3/8 -16 UNC
27	F211200	2	NYLOC NUT 3/4 UNC
28	F221450	12	HEX JAM NUT - 7/8 UNF
29	F271650	1	1.00-14 UNF NYLOC JAM NUT
30	F310500	8	LOCK WASHER - 5/16
31	F310600	4	LOCK WASHER - 3/8
32	F330400	8	1/4 SAE FLAT WASHER
33	F330500	12	5/16 SAE WASHER
34	F330600	6	FLAT WASHER SAE 3/8
35	F331200	6	SAE FLAT WASHER - 3/4 IN.
36	F382400	4	SHIM WASHER - 1.25 I.D.
37	F820125	2	EXTERNAL RETAINING RING - 1.25
38	KE70065	1	TELEMATICS ANTENNA
39	KF99748	2	HOOK FORK CLASS II 7.00 WIDE 48 IN.
40	KX20009	4	CHAIN LINK CONNECTOR SET
41	KX99150	4	CABLE TIE 8.0 IN. W/ FIR TREE 0.25
42	T100466	4	LEAF CHAIN ANCHOR
43	T500008	2	LIFT CHAIN SHEAVE
44	A101066	8	MAST BEARING SHIM 20 GA.
45	A101066	8	MAST BEARING SHIM 26 GA.
46	A500269	4	MAST BEARING ASSEMBLY
47	B300109	1	FORK CARRIAGE WELDMENT
48	F041020	16	BOLT - HEX HEAD 5/8 UNC x 2.00 Gr 8
48	F311000	16	LOCK WASHER - 5/8
49	A300188	1	BEARING MOUNTING PLATE WELDMENT
50	KB10001	1	COMBINATION BEARING ROLLER
51	B101414	2	PALLET CENTRING SPRING
52	B101428	4	SPRING SPACER
53	B300242	1	PALLET CENTRING BRACKET
54	F040414	3	BOLT - 1/4 UNC x 1 1/2 Gr 8
55	F040516	4	BOLT - 5/16 UNC x 1 3/4 Gr 8
56	F210400	3	1/4-20 UNC NYLOC NUT
57	F210500	4	NUT-5/16 UNC NYLOC
58	F330400	3	1/4 SAE FLAT WASHER
59	F330500	8	5/16 SAE WASHER
60	KS60018	1	RUBBER BUMPER 12.0 LG.
61	T100149	1	LIFT CHAIN SHEAVE
62	KB12813	1	SHEAVE BUSHING
63	A101493	2	WASHER 18 mm PROXIMITY SENSOR
64	KE10155	1	INDUCTIVE PROXIMITY SWITCH
65	KS60013	1	NEOPRENE WASHER 3/4 x 1.50
66	D001-331	1	ULTRA-SONIC COVER DECAL
67	KE10261	1	ULTRASONIC SENSOR



**Brouwer 6000-TS Sod Harvester
Gantry Motor Coupling Upgrade Kit**

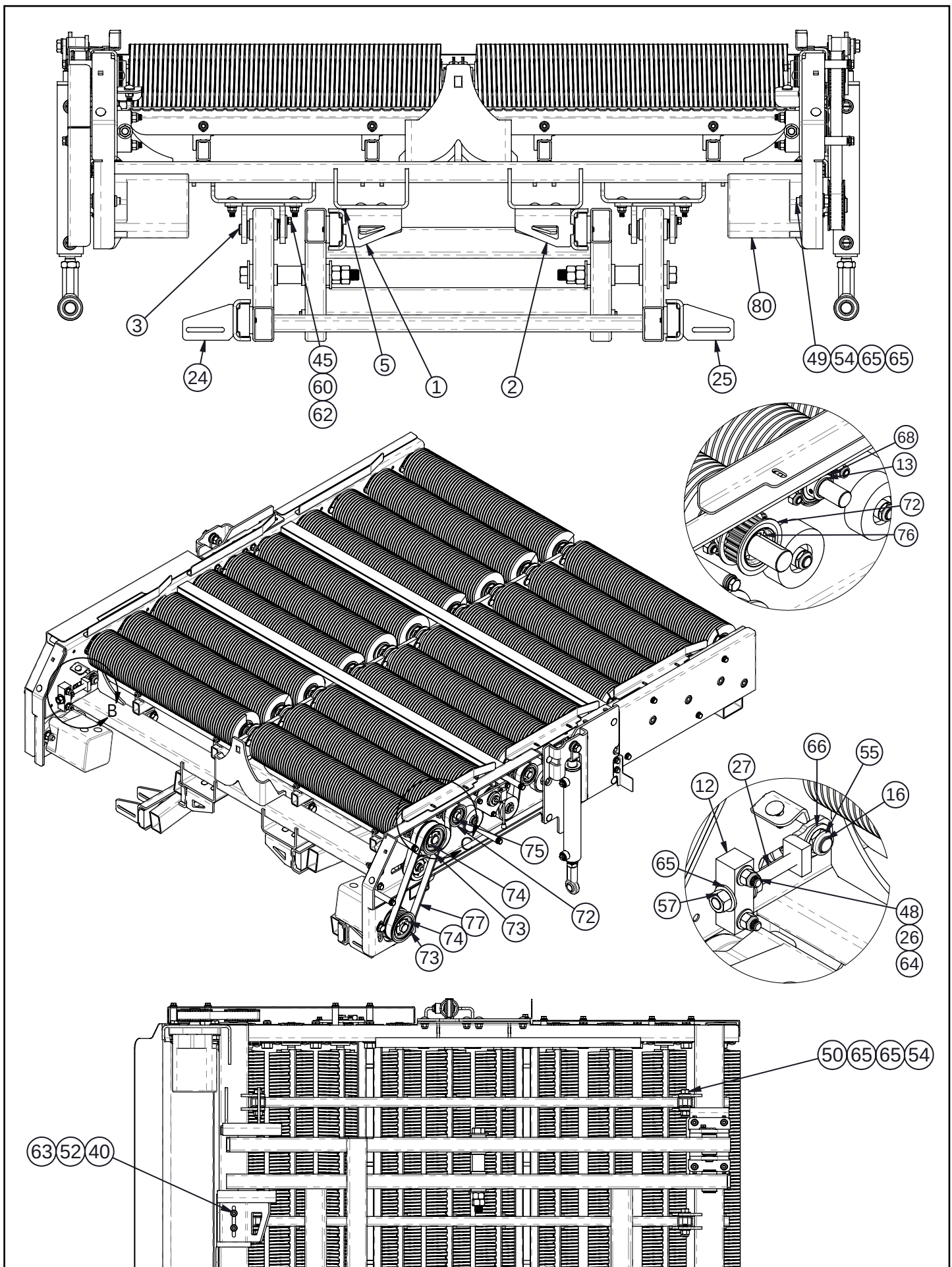
ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B111175	1	GANTRY MOTOR SPLINED COUPLING
2	B310236	1	PUMP COUPLING SHAFT WELDMENT
3	B310328	1	GANTRY MOTOR SPACER WELDMENT
4	F040826	6	HEX HEAD 1/2 -13 UNC x 2.75 LG. GR 8
5	F210800	6	NUT-1/2 UNC NYLOC
6	F330800	6	1/2 SAE FLAT WASHER
7	KD85140	1	QUICK FLEX COUPLING 50 BLACK INSERT
8	KD85141	1	QUICK FLEX COUPLING 50 HIGH SPEED SPLIT COVER
9	KE10426	1	ENCODER COUPLER



Brouwer 6000-TS Sod Harvester Bed Brush Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	A300064	1	SCISSOR CHANNEL INSIDE LH WELDMENT
2	A300065	1	SCISSOR CHANNEL INSIDE RH WELDMENT
3	A300226	2	PIVOT PIN BED SCISSOR
4	B110499	1	BED PROXIMITY TARGET
5	B110667	2	REAR BED SCISSOR SHIM
6	B110765	3	BED SOD GUIDE LH
7	B110766	3	BED SOD GUIDE RH
8	B111043	1	BED GUARD FRONT LH
9	B111044	1	BED GUARD FRONT RH
10	B111045	1	BED GUARD REAR LH
11	B111046	1	BED GUARD REAR RH
12	B111076	2	BED CHAIN TENSIONER BLOCK
13	B111111	18	BRUSH PULLEY SPACER
14	B111138	20	BED BELT IDLER AXLE SMOOTH ROLLER
15	B111139	8	BED IDLER SPACER
16	B111140	2	BED BELT TENSIONER AXLE
17	B111141	2	BED BEARING SPACER 10 GA.
18	B111142	2	BED BEARING SPACER 14 GA.
19	B111143	2	ENCODER MOUNTING PLATE BED CONVEYOR
20	B111147	1	REAR BED DEFLECTOR
21	B111157	20	BED BRUSH SCRAPER WITH POINTS
22	B111187-PU	2	BED CUT OFF BLADE BACKING BAR WIDE
23	B310143	2	FRONT SCISSOR MOUNT
24	B310190	1	SCISSOR CHANNEL OUTSIDE WELDMENT LH
25	B310191	1	SCISSOR CHANNEL OUTSIDE WELDMENT RH
26	B310194	1	BRUSH BED FRAME WELDMENT
27	B310213	2	CHAIN TENSIONER
28	B310222	8	BED CONVEYOR BRUSH LH 2.00 CORE
29	B310223	1	BED CONVEYOR BRUSH DRIVE LH 2.00 CORE
30	B310224	1	BED CONVEYOR BRUSH ENCODER LH 2.00 CORE
31	B310225	8	BED CONVEYOR BRUSH RH 2.00 CORE
32	B310226	1	BED CONVEYOR BRUSH DRIVE RH 2.00 CORE
33	B310227	1	BED CONVEYOR BRUSH ENCODER RH 2.00 CORE
34	B310229	4	SCRAPER MOUNT WELDMENT
35	B310239	1	BED CYLINDER MOUNT WELDMENT LH
36	B310240	1	BED CYLINDER MOUNT WELDMENT RH
37	B510017	1	SCISSOR ASSEMBLY (SEE PG. 6-11)
38	B510140	2	BED LIFT CYLINDER ASSEMBLY 9.0 IN.

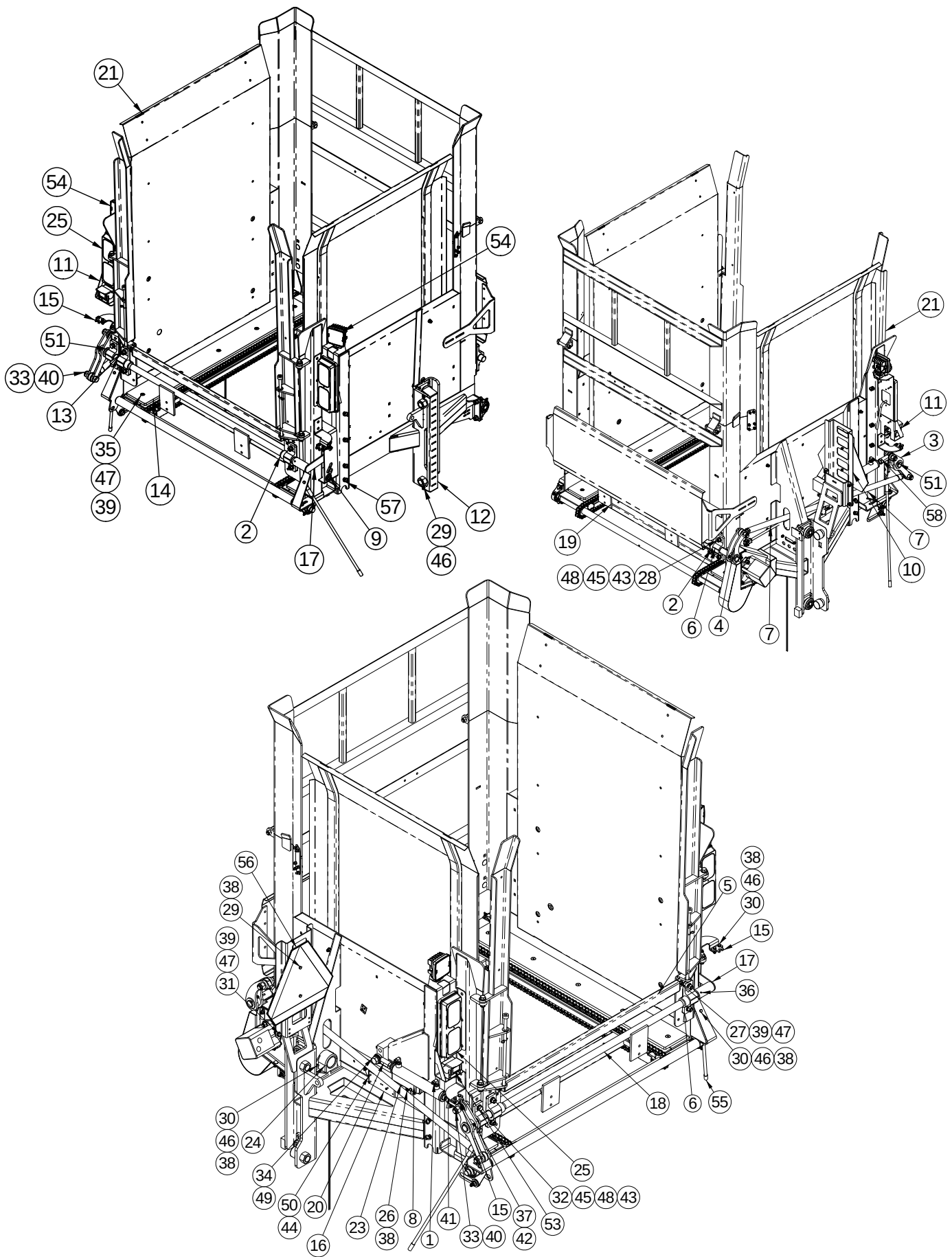
NOTE: See Page 6-19 for Corresponding Part Numbers



Brouwer 6000-TS Sod Harvester Bed Brush Assembly

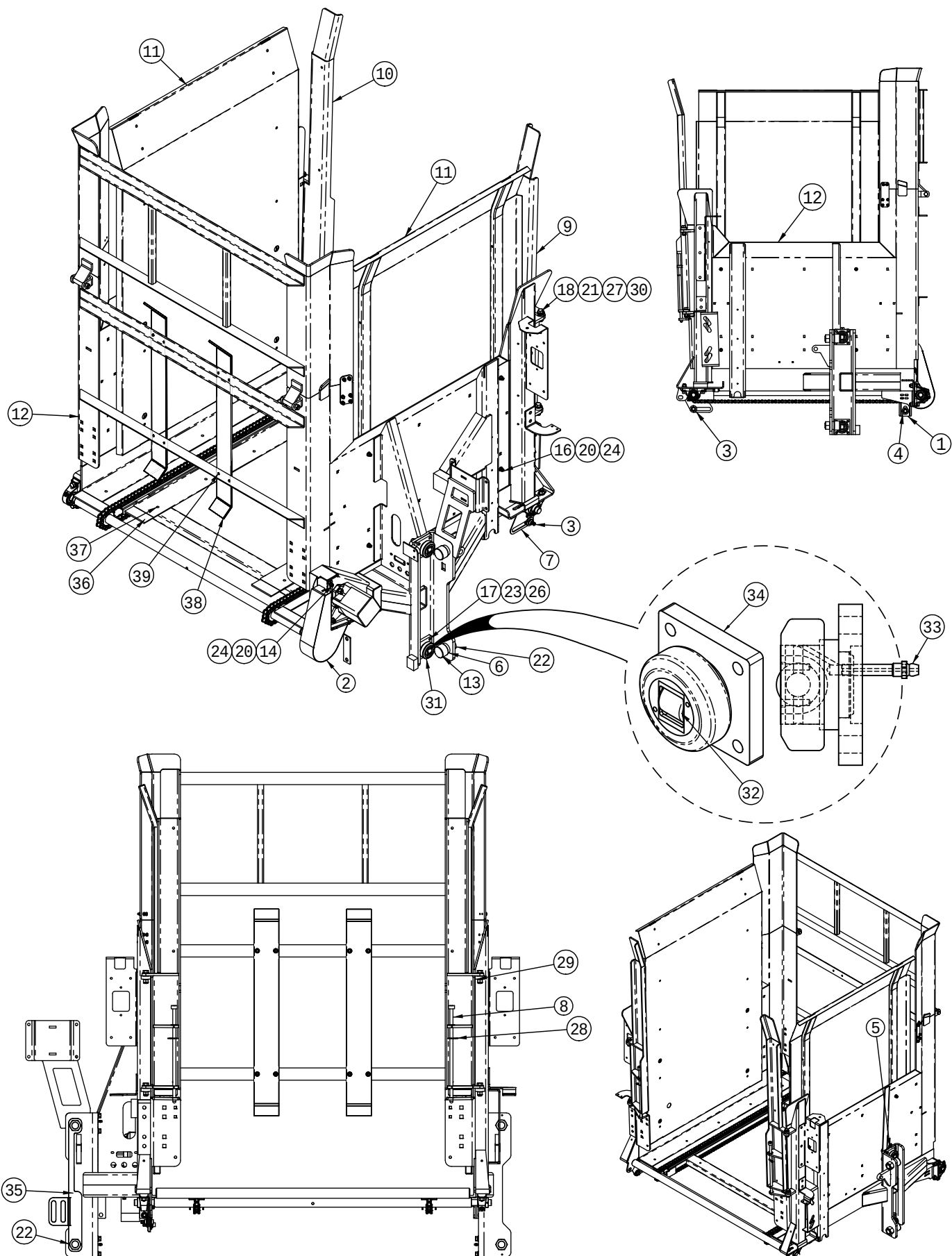
ITEM NO.	PART NO.	QTY.	DESCRIPTION
39	F020506	36	BOLT - 5/16 UNC x 3/4 Lg CARRIAGE
40	F020510	52	5/16-18 X 1 LG CARRAGE BOLT
41	F020512	28	5/16-UNC X 1-1/4 LG CARRIAGE BOLT
42	F020610	10	BOLT-3/8 UNC X 1 CARRIAGE
43	F020616	9	CARRIAGE BOLT 3/8-16 x 1.75 LG.
44	F020630	6	CARRIAGE BOLT 3/8-16 UNC x 3.00 LG.
45	F040406	8	BOLT 1/4 UNC x 3/4 Gr 8
46	F040504	2	5/16-18 X 1/2 LG HEX BOLT
47	F040506	16	BOLT - 5/16 UNC x 3/4 Gr 8
48	F040620	4	BOLT - HEX HD 3/8-16 UNC x 2.00 LG. GR 8
49	F040820	6	BOLT - 1/2 UNC x 2.0 Gr 8
50	F040824	8	BOLT - 1/2 UNC X 2 1/2 Gr 8
51	F180008	4	# 6-32 x 0.50 Lg. SOC HD CAP SCREW
52	F210500	116	NUT-5/16 UNC NYLOC
53	F210600	32	HEX LOCK NUT - 3/8 -16 UNC
54	F210800	14	NUT-1/2 UNC NYLOC
55	F211000	2	JAM NUT-5/8 UNC NYLOC
56	F211012	20	FLANGED STOVER LOCK NUT - 5/8-11
57	F230800	4	HEX NUT - 1/2 UNC - ZINC PLATED
58	F270800	22	1/2-20 UNF NYLOC JAM NUT
59	F310000	4	WASHER - # 6 LOCK
60	F310400	8	WASHER - 1/4 LOCK
61	F310500	18	LOCK WASHER - 5/16
62	F330400	8	1/4 SAE FLAT WASHER
63	F330500	74	5/16 SAE WASHER
64	F330600	36	FLAT WASHER SAE 3/8
65	F330800	32	1/2 SAE FLAT WASHER
66	F331000	2	FLAT WASHER SAE 5/8 IN.
67	F923407	2	KEY - 3/16 x 1/4 x 7/8 LG.
68	KB34012	38	FLANGE BEARING 2 BOLT - 0.75 DIA. BORE
69	KB34016	2	PRESSED STEEL FLANGE BEARING TWO BOLT - 1.00 DIA.
70	KD11080	18	IDLER ROLLER - 2.75 DIA.
71	KD11095	4	IDLER - NYLON 3.00 DIA.
72	KD22022	20	SPROCKET 22 TOOTH
73	KD22032	4	GATES SPROCKET 32 TOOTH
74	KD52052	4	TAPER LOCK BUSHING - 1210 - 1
75	KD52059	18	TAPER LOCK BUSHING 1008-3/4
76	KD52060	2	TAPER LOCK BUSHING 1008-1
77	KD61125	2	BELT - POLYCHAIN - BED CONVEYOR
78	KD61448	2	BELT - POLYCHAIN - BRUSH BED
79	KE10294	2	ENCODER - P+F 2048 PPR
80	KH30027	2	HYDRAULIC MOTOR

NOTE: See Page 6-17 for Corresponding Part Numbers



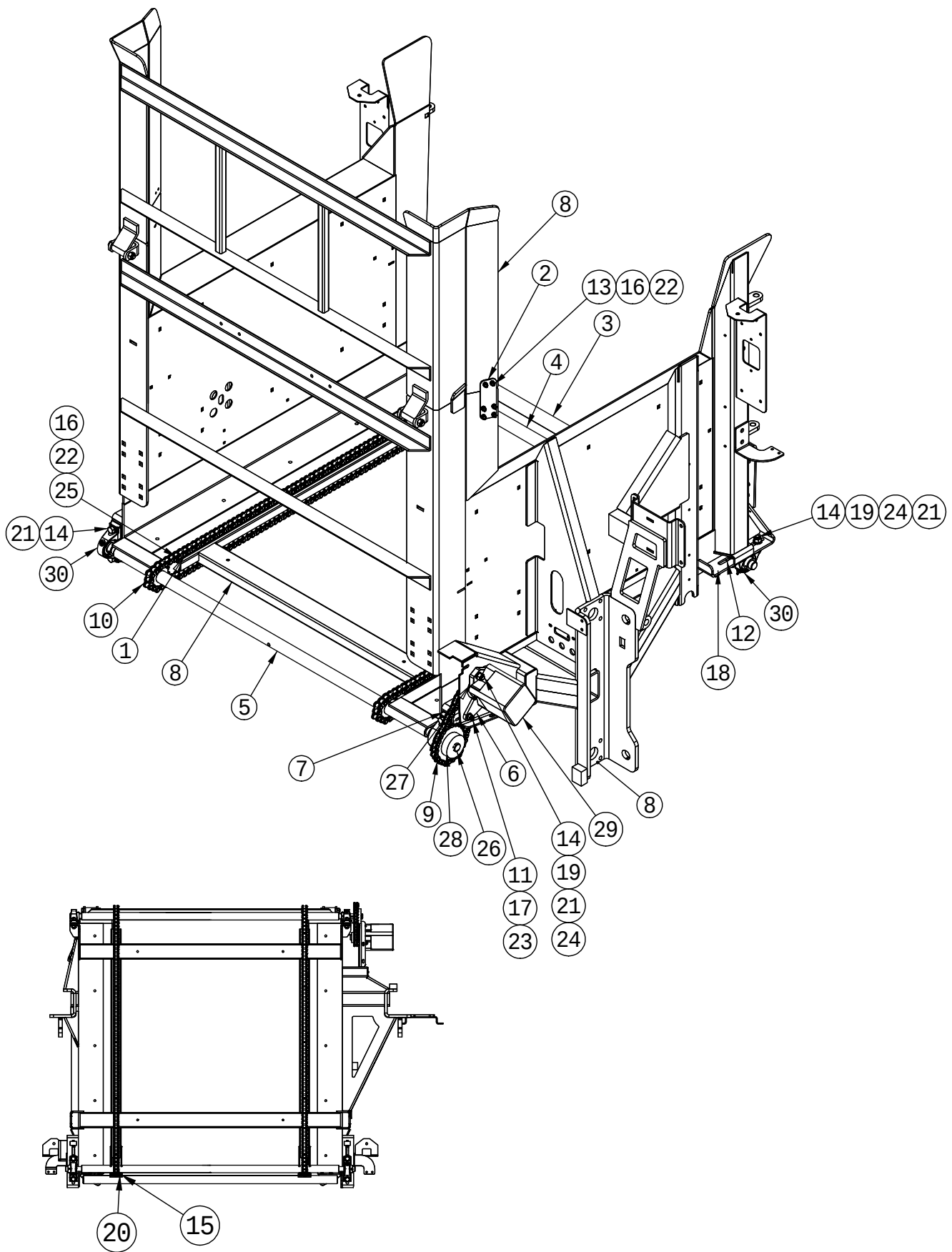
Brouwer 6000-TS Sod Harvester Pallet Injector Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	6-6-070220	2	NO. 6 TUBE TO NO. 6 "O" RING 90° ELBOW
2	A101406	4	LOCK COLLAR PALLET LIFT
3	A300286	1	REAR PALLET LIFT LINK
4	A300287	1	FRONT PALLET LIFT LINK
5	A300289	1	REAR CROSS TUBE PALLET INJECTOR
6	A500203	6	PALLET LIFT BUSHING ASSEMBLY
7	A500205	1	PALLET LIFT TIE BAR ASSEMBLY
8	A500206	1	PALLET LIFT CYLINDER
9	A500228	2	PROXIMITY SENSOR 18 MM ASSEMBLY
10	B100175	1	ENERGY CHAIN SUPPORT BRACKET
11	B100769	1	CAMERA MOUNTING BRACKET
12	B101171	1	CAM FOLLOWER GUARD
13	B101256	3	PALLET INJECTOR SHIM
14	B101302	4	PALLET RUNNER SLIDE
15	B101725	2	PALLET DOOR LATCH
16	B110834	1	MULTI-PORT MOUNTING PLATE
17	B300074	1	PALLET INJECTOR FLAG WELDMENT
18	B300131	1	REAR PALLET LIFT SHAFT
19	B300132	1	FRONT PALLET LIFT SHAFT
20	KB16011	2	3/4 FEMALE SPHERICAL END
21	B500034	1	PALLET DISPENSER SUB-ASSEMBLY (SEE PG. 6-23)
23	B500310	1	TAIL LIGHT JUNCTION BOX ASSEMBLY
23	B500354	1	MULT-PORT CABLE ASSEMBLY
24	B500391	1	BACKUP ALARM ASSEMBLY
25	B500503	2	LIGHT - LED TURN AND SIGNAL
26	F020406	3	BOLT - 1/4 UNC x 3/4 CARRIAGE
27	F020610	2	BOLT-3/8 UNC X 1 CARRIAGE
28	F020814	10	CARRIAGE BOLT 1/2 UNC x 1.1/2 LG
29	F040406	4	BOLT 1/4 UNC x 3/4 Gr 8
30	F040410	8	HEX BOLT - 1/4 -20 UNC x 1.00 Gr 8
31	F040610	4	BOLT - 3/8 UNC x 1.0 Gr 8
32	F040816	2	BOLT - 1/2 UNC X 1 3/4 Gr 8
33	F041226	3	HEX BOLT - 3/4 -10 UNC x 2.75 LG. GR 8
34	F081226	1	HEX BOLT - 3/4 -10 UNF x 2.75 LG. GR 8
35	F120614	20	FLAT HEAD HEX SOC - 3/8 -16 UNC x 1.50 LG.
36	F140402	6	SET SCREW - 1/4 -20 UNC SOC HD CUP POINT
37	F140506	4	SET SCREW 5/16-18 X 3/4 CUP PT
38	F210400	13	1/4-20 UNC NYLOC NUT
39	F210600	26	HEX LOCK NUT - 3/8 -16 UNC
40	F211208	3	NUT - 3/4 UNC NYLOC Gr 8
41	F221200	2	HEX JAM NUT 3/4 - UNF Gr. 8
42	F230500	4	HEX NUT - 5/16-18 UNC
43	F230800	12	HEX NUT - 1/2 UNC - ZINC PLATED
44	F280100	3	NUT 8-32 UNC NYLON LOCK ST. STL
45	F310800	14	LOCK WASHER - 1/2
46	F330400	16	1/4 SAE FLAT WASHER
47	F330600	26	FLAT WASHER SAE 3/8
48	F330800	12	1/2 SAE FLAT WASHER
49	F331208	1	WASHER-3/4 SAE GR 8
50	F570110	3	PAN HD PHIL 8-32 X 1.00 LG. ST STL
51	F924422	2	KEY 0.25 X 0.25 X 2.25 LG.
52	KB16011	2	3/4 FEMALE SPHERICAL END
53	KE70038	1	CAMERA ELITE, HEATD, ULTRA LOW LIGHT
54	KE90022	2	WORK LIGHT LED
55	KM00009	2	SIGHT ROD
56	KM99060	1	SMV EMBLEM
57	KX99150	12	CABLE TIE 8.0 IN. W/ FIR TREE 0.25
58	F221258	2	HEX JAM NUT 3/4 - UNF GR.8



Brouwer 6000-TS Sod Harvester
Pallet Dispenser Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	A100859	1	SENSOR MOUNTING BRACKET
2	A300156	1	PALLET DISPENSER CHAIN GUARD
3	A500228	1	PROXIMITY SENSOR 18 MM ASSEMBLY
4	A500229	1	PROXIMITY SENSOR LONG RANGE 18 MM ASSEMBLY
5	B100780	1	CARRIER BEARING SHIM 24 GA.
6	B101002	4	PALLET INJECTOR CAM FOLLOWER SPACER
7	B101793	1	REAR PALLET INJECTOR PROXY MOUNT
8	B300150	2	PALLET INJECTOR REAR DOOR PIN
9	B300318	1	PALLET INJECTOR REAR DOOR LH
10	B300319	1	PALLET INJECTOR REAR DOOR RH
11	B300237	2	PALLET INJECTOR GUIDE
12	B500033	1	PALLET DISPENSER SUB-ASSEMBLY (SEE PG. 6-25)
13	B8015	4	CAM FOLLOWER 2.00
14	F020506	3	BOLT - 5/16 UNC x 3/4 Lg CARRIAGE
15	F040406	2	BOLT 1/4 UNC x 3/4 Gr 8
16	F040512	8	BOLT - 5/16 -18 UNC x 1 1/4 Gr 8
17	F040712	16	BOLT - 7/16 UNC x 1 1/4 Gr 8
18	F040816	4	BOLT - 1/2 UNC X 1 3/4 Gr 8
19	F210400	2	1/4-20 UNC NYLOC NUT
20	F210500	23	NUT-5/16 UNC NYLOC
21	F210800	4	NUT-1/2 UNC NYLOC
22	F231858	4	HEX NUT - 1 1/8 UNF GR 8
23	F310700	16	LOCK WASHER - 7/16
24	F330400	2	1/4 SAE FLAT WASHER
24	F330500	31	5/16 SAE WASHER
26	F330700	16	7/16 SAE FLAT WASHER
27	F330800	4	1/2 SAE FLAT WASHER
28	F940118	2	HITCH PIN CLIP 1 9/16 IN. OAL 3/8 TO 1/2 SHAFT
29	KB11608	4	FLANGED BUSHING 0.50 I.D. x 0.625 O.D. x 0.625 LG.
30	KB12009	4	THRUST WASHER 0.50 DIA
31	R500026	4	COMBINATION ROLLER ASSEMBLY
32	KB10010	4	COMBINATION BEARING ROLLER
33	KX90039	4	GREASE FITTING - STRAIGHT- METRIC (M6.0 X 1.0) 41mm LG
34	R300070	4	BEARING PLATE WELDMENT
35	B110489	1	PALLET INJECTOR MID PROXIMITY MOUNT
36	B310173	2	PALLET INJECTOR INNER SLIDER SUPPORT
37	F120524	4	FLAT HD HEX SOC - 5/16 x 2.50
38	B110923	2	FRONT 40 IN. PALLET INJECTOR BAR
39	F120510	8	FLAT HD SOC - 5/16 x 1.00



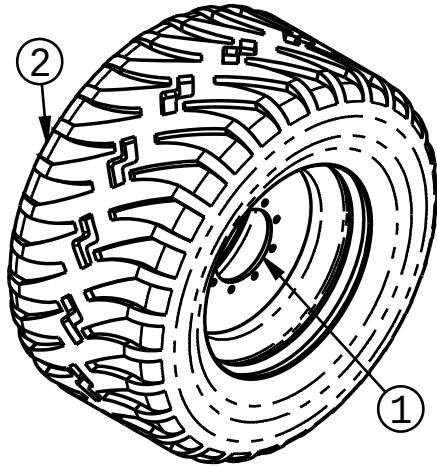
**Brouwer 6000-TS Sod Harvester
Pallet Dispenser Sub-Assembly**

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	A100836	2	PALLET DISPENSER CHAIN GUIDE
2	A100956	2	ATTACHMENT PLATE
3	B310163	1	PALLET PUSH TUBE WELDMENT
4	A300175	1	PALLET DISPENSER IDLER SHAFT WELD ASSEMBLY
5	A300176	1	PALLET DISPENSER DRIVE SHAFT WELD ASSEMBLY
6	B100895	1	MOTOR HOLDING CAM
7	B101862	2	PALLET INJECTOR BEARING SPACER
8	B300091	1	PALLET DISPENSER FINAL WELDMENT
9	B500191	1	PALLET INJECTOR MOTOR CHAIN ASSEMBLY
10	B500192	2	PALLET PUSH BAR CHAIN ASSEMBLY
11	F020612	1	CARRIAGE BOLT - 3/8 UNC x 1 1/4
12	F030630	2	BOLT - 3/8 UNC x 3.00 FULL THRD
13	F040410	6	HEX BOLT - 1/4 -20 UNC x 1.00 Gr 8
14	F040816	10	BOLT - 1/2 UNC X 1 3/4 Gr 8
15	F080404	4	HEX HD 1/4 -28 UNF x 0.50 LG. Gr 8
16	F210400	22	1/4-20 UNC NYLOC NUT
17	F210600	1	HEX LOCK NUT - 3/8 -16 UNC
18	F230600	2	NUT - 3/8-16
19	F230800	10	HEX NUT - 1/2 UNC - ZINC PLATED
20	F310400	4	WASHER - 1/4 LOCK
21	F310800	10	LOCK WASHER - 1/2
22	F330400	22	1/4 SAE FLAT WASHER
23	F330600	1	FLAT WASHER SAE 3/8
24	F330800	10	1/2 SAE FLAT WASHER
25	F550406	10	FLAT HEAD PHILIPS - 1/4 -20 UNC x 0.75 LG.
26	F924414	1	KEY, 0.25 X 0.25 X 1.5 LG
27	KD42410	1	SPROCKET, RC50 24T 1.00 BORE C/W STD KEYWAY
28	KD41410	1	SPROCKET, RC50 14T 1.00 BORE C/W STD KEYWAY
29	KH30027	1	HYDRAULIC MOTOR
30	MB30001	4	PILLOW BLOCK BEARING - 1.00 BORE

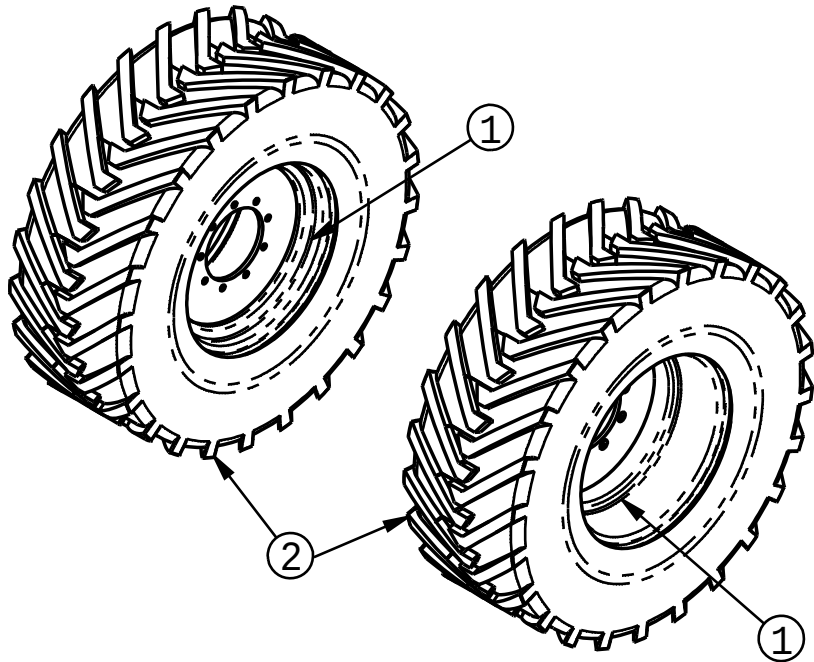
SECTION 7 HARVESTER FRAME & CAB

Tires	7-01
Air Filter with Top Spin Retrofit Kit	7-03
Engine Assembly Cat 3.6	7-05
Tier IV Front & Rear Hood Assembly	7-07
Fuel Tank & Radiator Door Assemblies	7-09
Front Pedestal Assembly Floatation Wheel	7-11

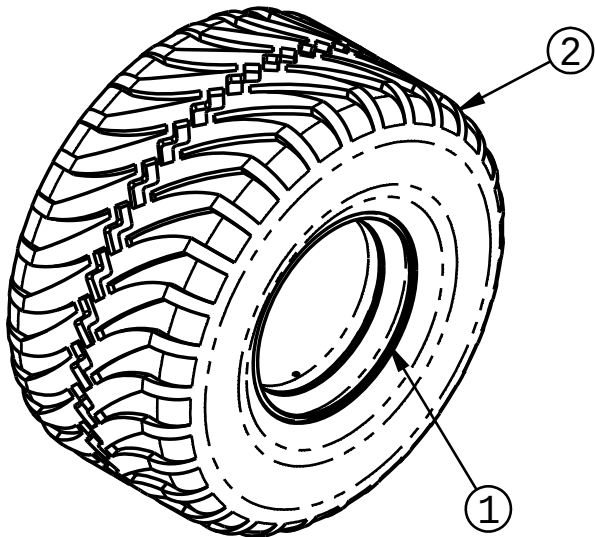
B500002
Front Wheel Assembly



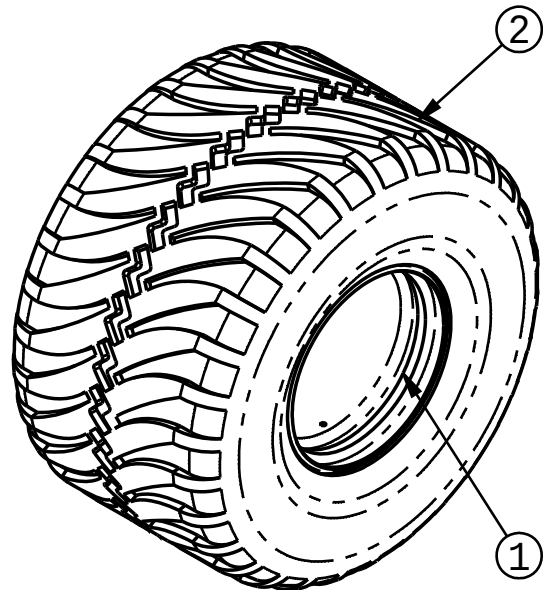
B500098 - Front Industrial Wheel Assembly LH
B500099 - Front Industrial Wheel Assembly RH



B510036 - Rear LH Wheel Assembly



B510018 - Rear RH Wheel Assembly



**Brouwer 6000-TS Sod Harvester
Tires**

B500002 - Front Wheel Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B300002	1	FRONT WHEEL RIM
2	KW52039	1	FRONT TIRE I-380 550/45R 22.5

B500098 - Front Industrial Wheel Assembly LH - OPTIONAL

B500099 - Front Industrial Wheel Assembly RH - OPTIONAL

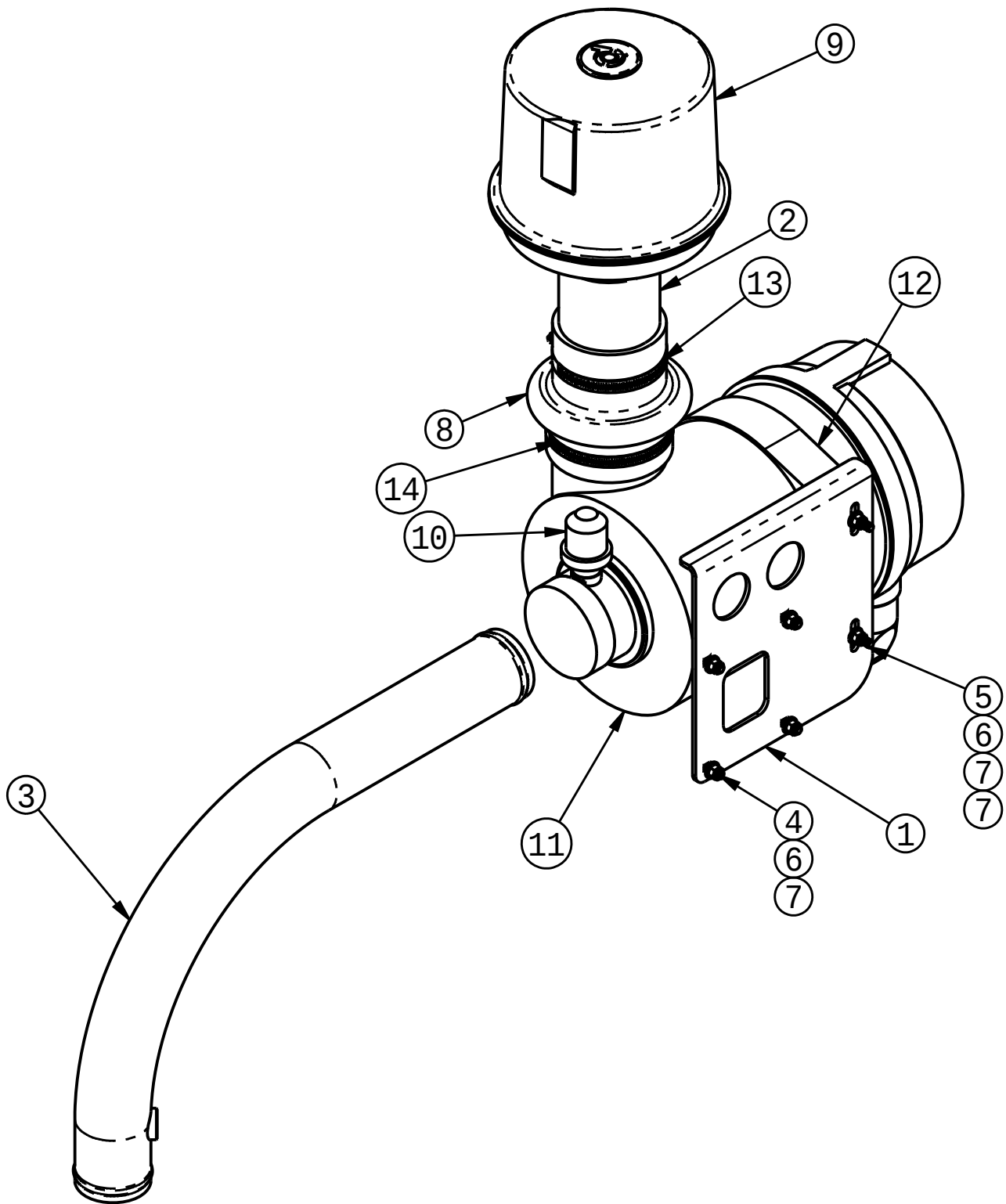
ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B300088	1	INDUSTRIAL FRONT WHEEL
2	KW52043	1	MICHELIN XMCL 380/75xR20

B510036 - Rear LH Wheel Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B310077	1	REAR LH WHEEL RIM WELDMENT
2	KW52038	1	REAR TIRE I-380 650/50R-22.5

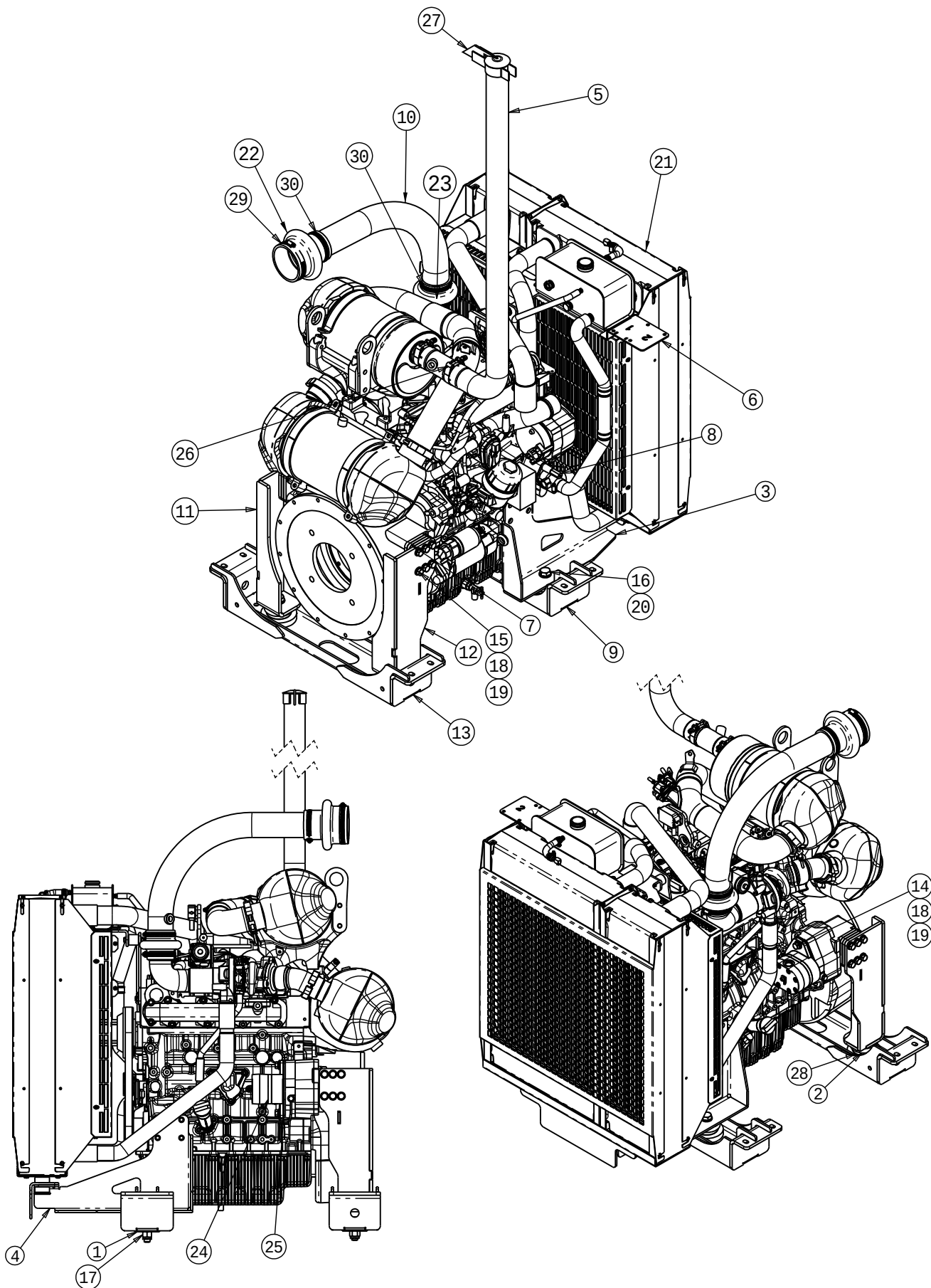
B510018 - Rear RH Wheel Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B310078	1	REAR RH WHEEL
2	KW52048	1	REAR TIRE I-380 750/45R-22.5



Brouwer 6000-TS Sod Harvester
Air Filter with Top Spin Retrofit Kit

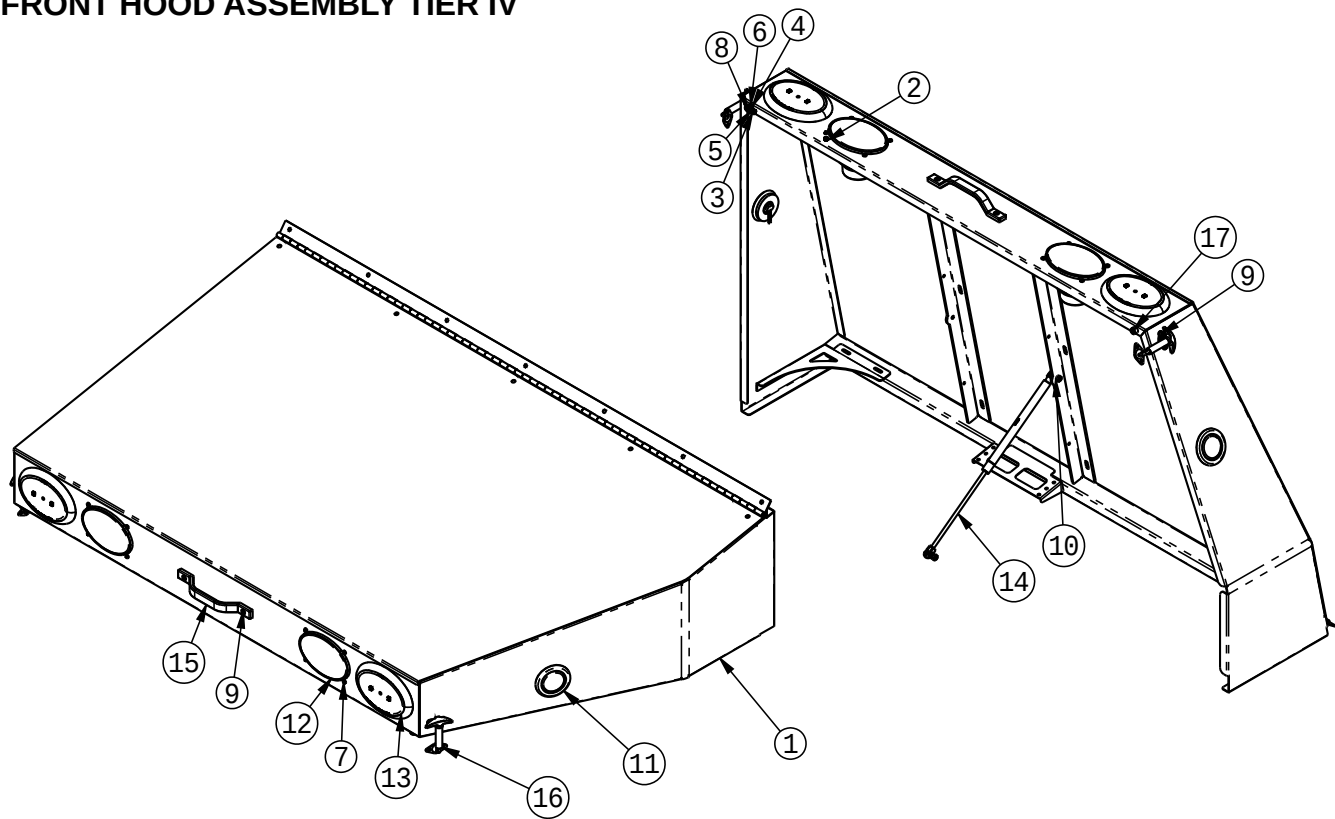
ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B111110	1	FILTER MOUNTING PLATE
2	B111122	1	AIR INTAKE PIPE 8.00
3	B300323	1	AIR INTAKE PIPE TOP SPIN
4	F020510	4	5/16-18 X 1 LG CARRAGE BOLT
5	F040514	2	BOLT - 5/16 -18 UNC x 1 1/2 Gr 8
6	F210500	6	NUT-5/16 UNC NYLOC
7	F330500	8	5/16 SAE WASHER
8	KD40055	1	HUMP REDUCER 4.50 - 4.00
9	KD40064	1	TOP SPIN PRE-CLEANER
10	KD40122	1	AIR FILTER INDICATOR
11	KD40130	1	AIR FILTER ASSEMBLY
12	KD40139	1	ENGINE AIR FILTER MOUNTING BRACKET
13	KU03026	1	HOSE CLAMP - GEAR CLAMP SIZE 064
14	KU03027	1	HOSE CLAMP - GEAR CLAMP SIZE 072



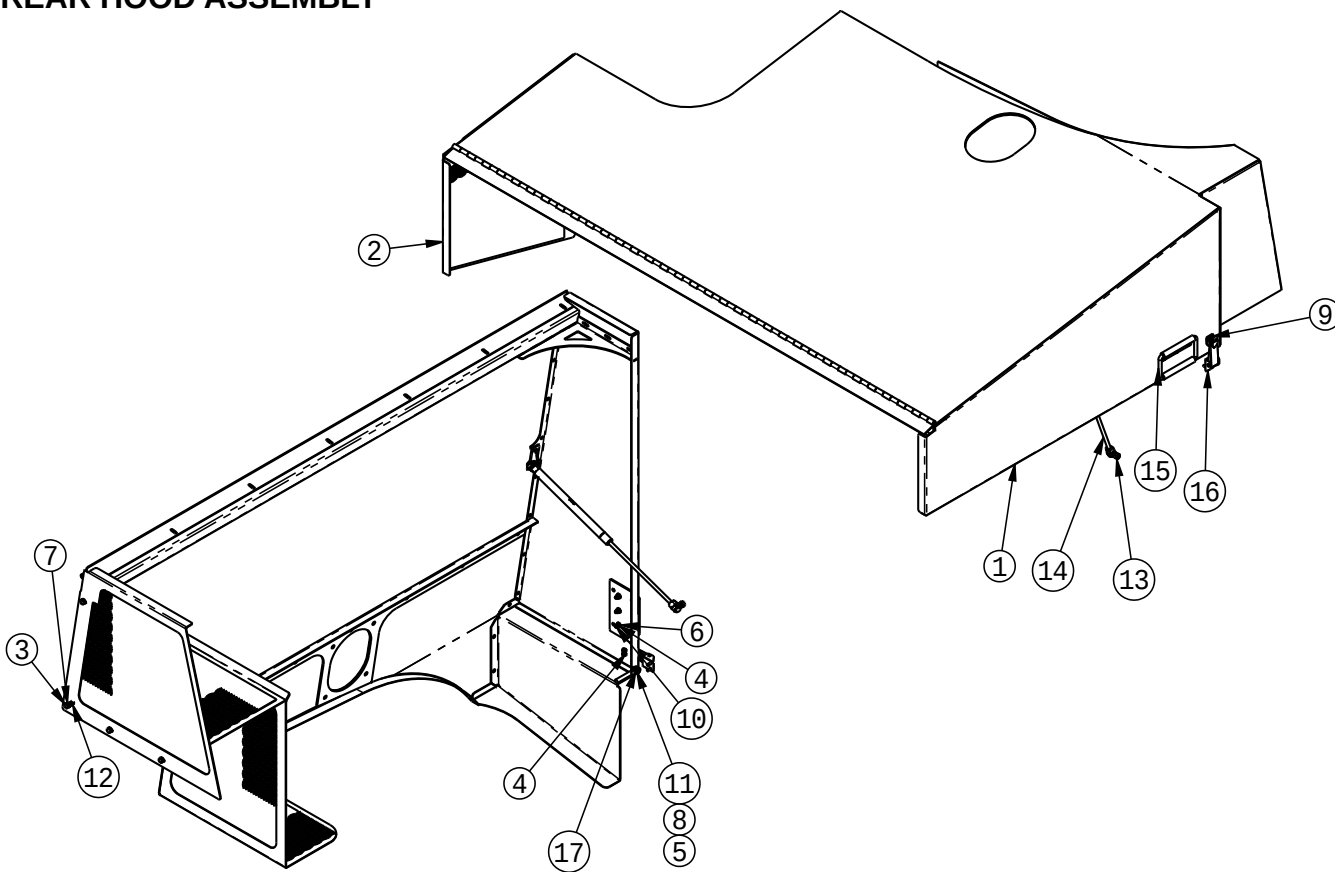
**Brouwer 6000-TS Sod Harvester
6000 Engine Assembly Cat 3.6**

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B100046	4	ENGINE MOUNT LOWER WASHER
2	B101170	4	ENGINE MOUNT UPPER WASHER 5/8
3	B101756	1	ENGINE AND RAD MOUNT 3.6 LH
4	B101757	1	ENGINE AND RAD MOUNT 3.6 RH
5	B101766	1	EXHAUST PIPE 3.6 ENGINE
6	B101771	1	NOX SENSOR MOUNTING PLATE
7	B101797	6	ENGINE MOUNT SPACER
8	B101807	1	HOSE CLAMP STAND OFF 3.6
9	B300305	1	ENGINE MOUNT LH 3.6
10	B300311	1	AIR INTAKE PIPE WELDMENT 3.6
11	B300314	1	ENGINE MOUNT REAR RH 3.6
12	B300315	1	ENGINE MOUNT FRONT RH 3.6
13	B310052	1	ENGINE MOUNT RH TIER IV
14	G0412040	2	BOLT - M12 - 1.75 x 40 LG. GR 10.9
15	G0412070	12	BOLT - M12 - 1.75 x 70 LG. GR 10.9
16	G0418100	4	BOLT M18 -2.5 x 100.0 LG. GR 10.9
17	G211800	4	NYLOC NUT - M18 -2.5
18	G311200	14	LOCK WASHER - M12
19	G331200	14	M12 x 24mm OD DIN 125 Type A Flat Washer
20	G331800	4	FLAT WASHER M18
21	KD40104	1	CAT ENGINE - 3.6 STAGE V - TIER IV
22	KD40124	1	RUBBER HUMP REDUCER 4.00 - 3.00
23	KD40125	1	RUBBER HUMP REDUCER 3.00 - 2.75
24	KH30087	1	STEERING PUMP 4000 - 3.6 ENGINE
25	KH80017	1	B PAD GASKET
26	KM60052	1	EXHAUST CLAMP 2.50 IN.
27	KM60053	1	EXHAUST CAP 2.50
28	KM71011	4	ENGINE MOUNT
29	KU03026	1	HOSE CLAMP - GEAR CLAMP SIZE 064
30	KU03028	3	CLAMP - WORM DRIVE HOSE CLAMP 2.5 - 3.5 #48
31	Q8543-012.00	1	HEATER HOSE - 3/8 X 12.0 LG.
32	Q8543-022.50	1	HEATER HOSE - 3/8 X 22.5 LG.
33	Q8543-034.00	1	HEATER HOSE - 3/8 X 34.0 LG.
34	Q8543-091.00	1	HEATER HOSE - 3/8 X 91.0 LG.
35	Q8545-016.00	1	HEATER HOSE - 5/8 X 16.0 LG.
36	Q8545-040.00	1	HEATER HOSE - 5/8 X 40.0 LG.
37	Q8545-073.00	1	HEATER HOSE - 5/8 X 73.0 LG.
38	Q8545-081.00	1	HEATER HOSE - 5/8 X 81.0 LG.

FRONT HOOD ASSEMBLY TIER IV



REAR HOOD ASSEMBLY



**Brouwer 6000 Sod Harvester
Front & Rear Hood Assembly**

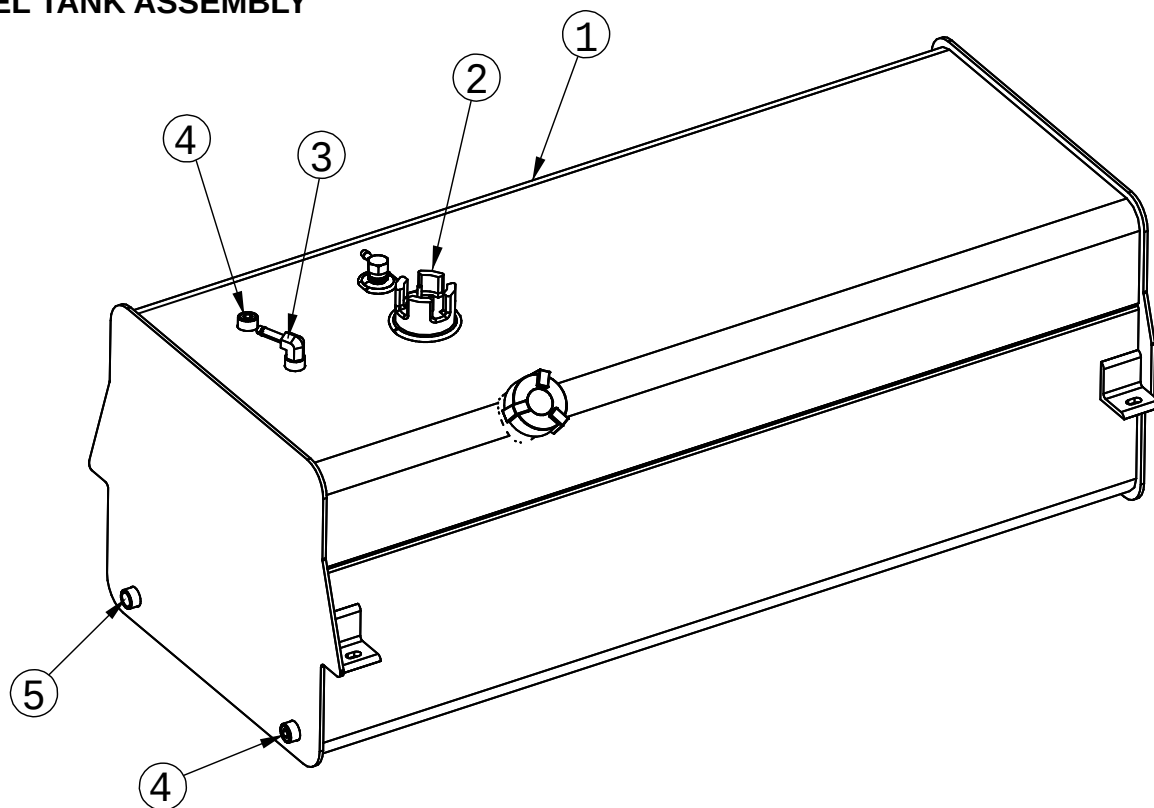
B510037 - Front Hood Assembly Tier IV

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B310079	1	FRONT HOOD TIER IV
2	F210200	8	HEX LOCK NUT - 10-24 UNC
3	F210400	6	1/4-20 UNC NYLOC NUT
4	F280100	2	NUT 8-32 UNC NYLON LOCK ST. STL
5	F330400	6	1/4 SAE FLAT WASHER
6	F350100	2	FLAT WASHER - #8 ST STL
7	F540210	8	PAN HD PHIL 10-24 x 1.00 LG.
8	F570104	2	PAN HD PHIL 8-32 X 0.50 LG. ST STL
9	F580406	6	PAN HD PHIL - 1/4 UNC x 0.75 LG. ST. STL.
10	G230800	2	NUT - M08 x 1.25
11	KE90023	2	CLEARANCE LIGHT LED KIT
12	KE90024	2	HEAD LIGHT
13	KE90026	2	TURN SIGNAL
14	KM00017	1	4000 FRONT HOOD STRUT
15	KM99011	1	GRAB HANDLE
16	KM99015	2	LATCH - BLACK ENAMEL ELBOW STYLE DRAW
17	KS60005	2	RUBBER BUMPER RECESSED 5/8 DIA.

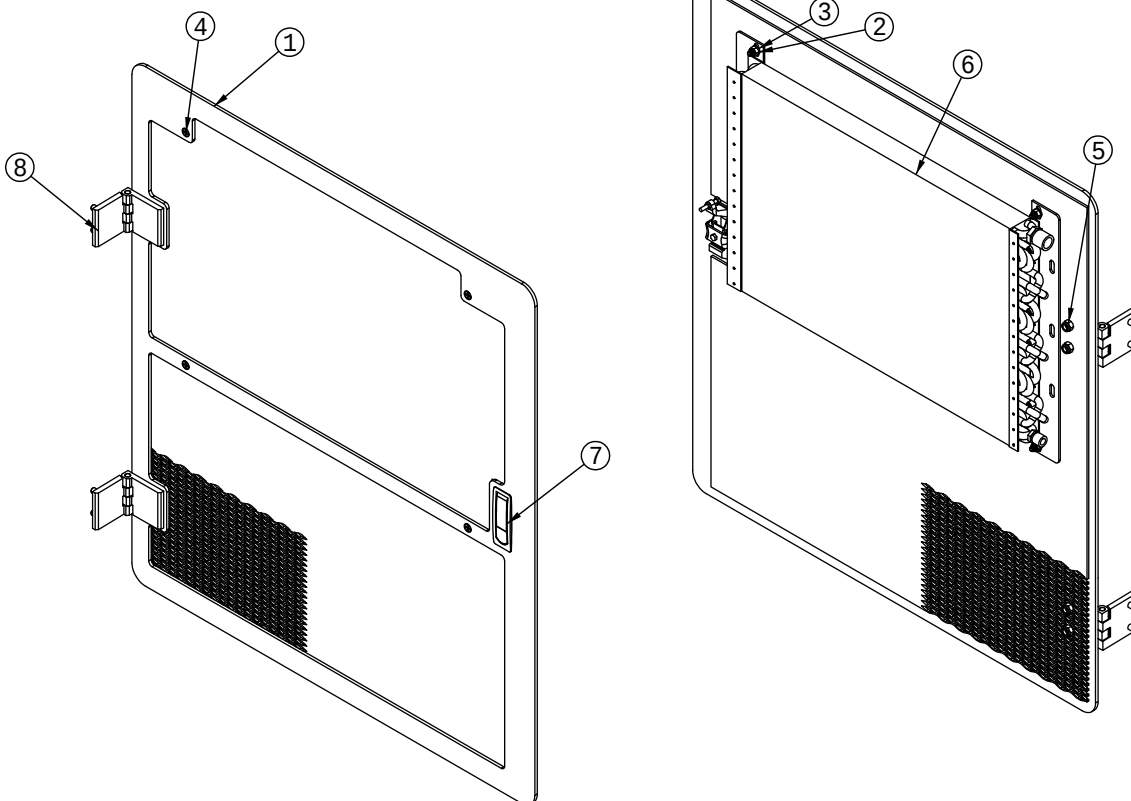
B510046 - Rear Hood Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B310102	1	REAR HOOD TIER IV
2	B310110	1	REAR HOOD RH PANEL
3	F040406	4	BOLT 1/4 UNC x 3/4 Gr 8
4	F210200	5	HEX LOCK NUT - 10-24 UNC
5	F280100	1	NUT 8-32 UNC NYLON LOCK ST. STL
6	F320200	3	WASHER - #10
7	F330400	4	1/4 SAE FLAT WASHER
8	F350100	1	FLAT WASHER - #8 ST STL
9	F540204	4	PAN HD PHIL 10-24 x 0.50 LG.
10	F540206	3	BOLT - 10 UNC x 3/4 PAN HD PHIL
11	F570104	1	PAN HD PHIL 8-32 X 0.50 LG. ST STL
12	F850400	4	RIVET NUT - 1/4 UNC (25/64 DRILL)
13	G230800	2	NUT - M08 x 1.25
14	KM00017	1	4000 FRONT HOOD STRUT
15	KM99086	1	CHEST HANDLE
16	KM99098	1	ADJUSTABLE DRAW LATCH 4.25 LG.
17	KS60005	1	RUBBER BUMPER RECESSED 5/8 DIA.

FUEL TANK ASSEMBLY



RADIATOR DOOR ASSEMBLY TIER IV



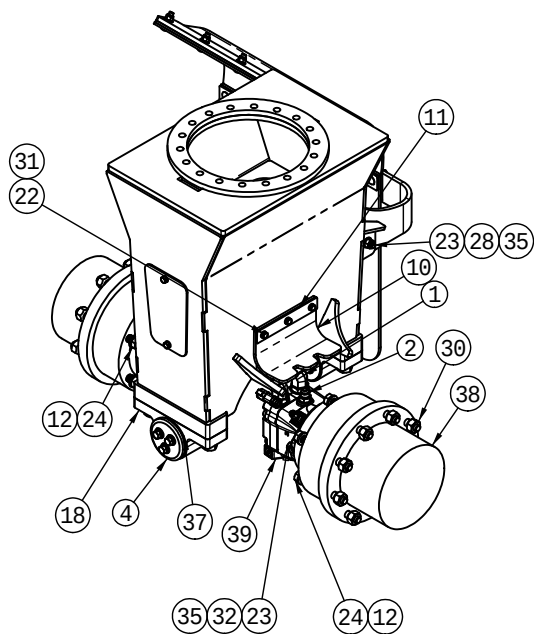
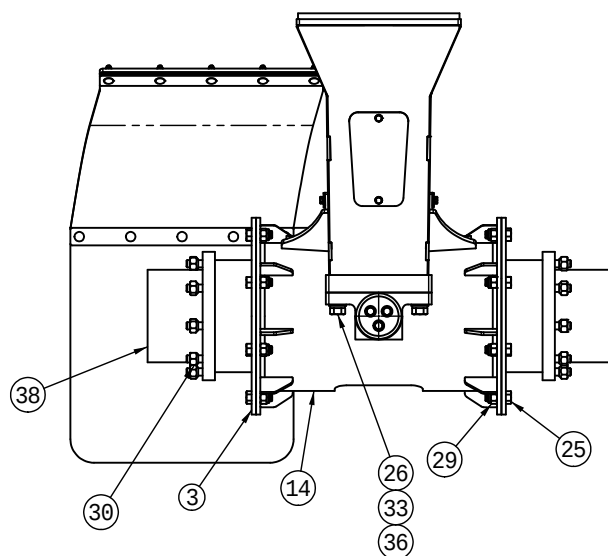
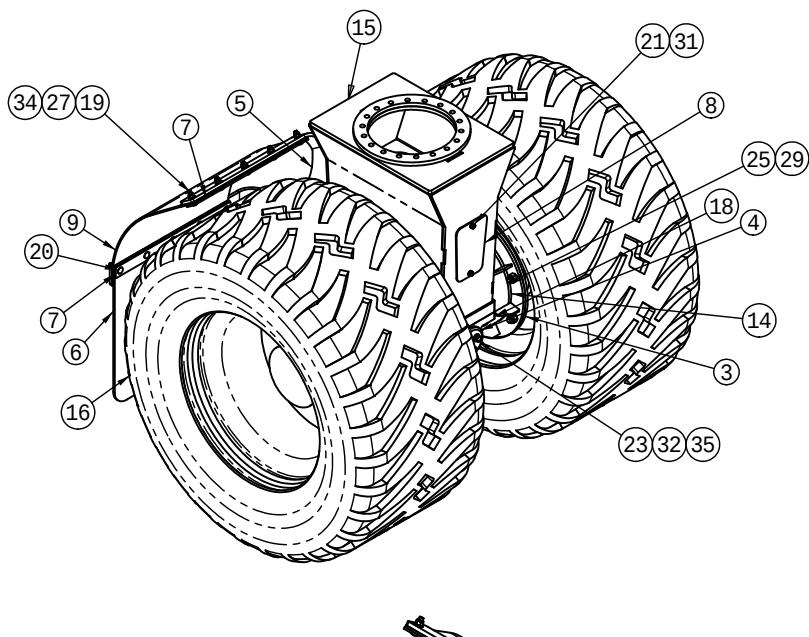
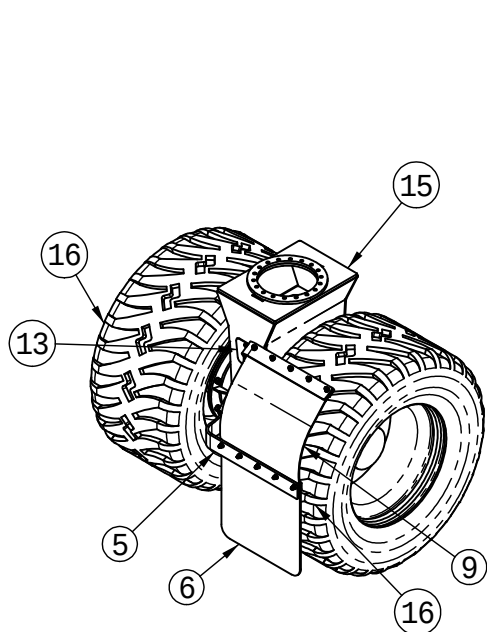
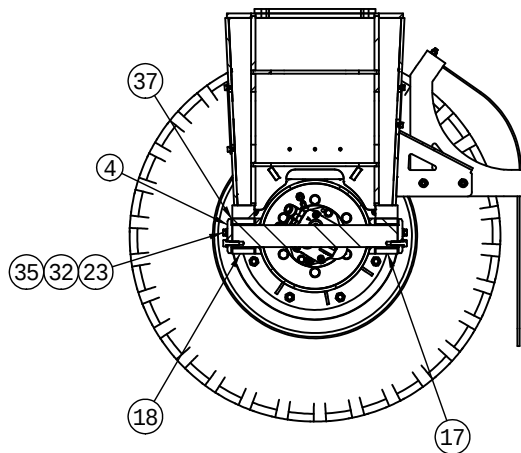
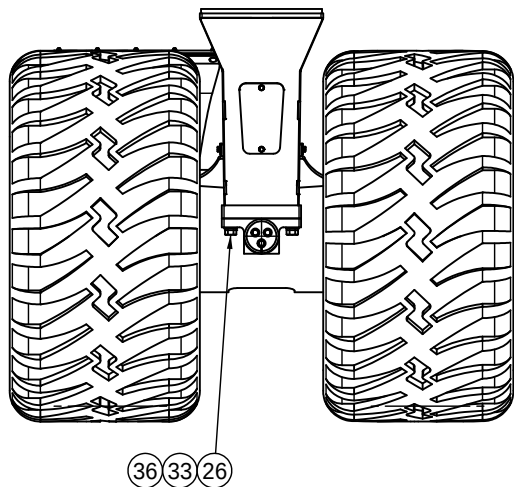
Brouwer 6000 Sod Harvester
Fuel Tank and Radiator Door Assemblies

B500291 - Fuel Tank Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B500290	1	FUEL TANK ALUMINUM
2	KE70053	1	FUEL LEVEL SENSOR
3	6-6-430260	1	FITTING - HOSE BARB TO PIPE
4	6-130109N	2	PLUG - HEX SOCKET PIPE PLUG 3/8
5	KH00172	1	FITTING - STRAIGHT

B510031 - Radiator Door Assembly Tier IV

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B310072	1	RAD DOOR WELDMENT TIER IV
2	F210400	4	1/4-20 UNC NYLOC NUT
3	F330400	4	1/4 SAE FLAT WASHER
4	F550410	4	BOLT-1/4 UNC X 1 FLAT HD PHIL ST STL
5	G210800	4	HEX LOCK NUT - M8 x 1.25
6	KD40113	1	LARGE CONDENSER
7	KM99014	1	LEVER LATCH - C2
8	KM99077	2	HINGE - METAL LEAF



Brouwer 6000 Sod Harvester
Front Pedestal Assembly Floatation Wheel

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	12-12-520320	4	FITTING SAE ORFS MALE x SAE ORB MALE 45° ELBOW
2	8-8-070120	2	FITTING - STR THRD CONNECTOR 37° FLARE SAE ORB
3	B100003	2	TORQUE HUB CONNECTOR RING
4	B100109	2	END CAP FRONT PIVOT
5	B100548	1	FRONT RH MUD FLAP MOUNTING BAR
6	B100550	1	FRONT RH MUD FLAP
7	B100589	2	FRONT MUD FLAP CLAMP BAR
8	B100713	1	FRONT PEDESTAL COVER PLATE
9	B100951	1	FRONT RH FENDER
10	B101191	2	FRONT PEDESTAL RUBBER FLAP
11	B101192	2	PEDESTAL RUBBER FLAP BAR
12	B101550	12	WASHER - 5/8 TORQUE HUB
13	B101656	1	REAR PEDESTAL COVER PLATE
14	B300003	1	FRONT AXLE WELDMENT
15	B300004	1	STEERING PEDESTAL WELDMENT
16	B500002	2	FRONT WHEEL ASSEMBLY
17	B500003	1	FRONT AXLE PIVOT BUSHING ASSEMBLY REAR
18	B500211	1	FRONT AXLE PIVOT BUSHING ASSEMBLY FRONT
19	F020614	5	CARRIAGE BOLT 3/8-16 x 1.50 LG.
20	F020616	5	CARRIAGE BOLT 3/8-16 x 1.75 LG.
21	F040504	4	5/16-18 X 1/2 LG HEX BOLT
22	F040506	6	BOLT - 5/16 UNC x 3/4 Gr 8
23	F040714	12	BOLT - 7/16 UNC x 1 1/2 Gr 8
24	F041014	12	BOLT - 5/8 UNC X 1 1/2 Gr 8
25	F041016	16	BOLT - 5/8 UNC X 1 3/4 Gr 8
26	F041224	4	HEX BOLT - 3/4 UNC X 2-1/2 LG GR. 8
27	F210600	10	HEX LOCK NUT - 3/8 -16 UNC
28	F210700	2	HEX LOCK NUT - 7/16 UNC
29	F211000	16	NUT-5/8 UNC NYLOC
30	F261000	18	WHEEL NUT - 5/8 UNF
31	F310500	10	LOCK WASHER - 5/16
32	F310700	10	LOCK WASHER - 7/16
33	F311200	4	LOCK WASHER - 3/4
34	F330600	10	FLAT WASHER SAE 3/8
35	F330700	14	7/16 SAE FLAT WASHER
36	F331200	4	SAE FLAT WASHER - 3/4 IN.
37	KB12851	4	THRUST WASHER 2.50 I.D. x 3.75 O.D. x 0.070 THK.
38	KH30053	2	TORQUE HUB 7000 SERIES
39	KH30091	2	WHEEL MOTOR

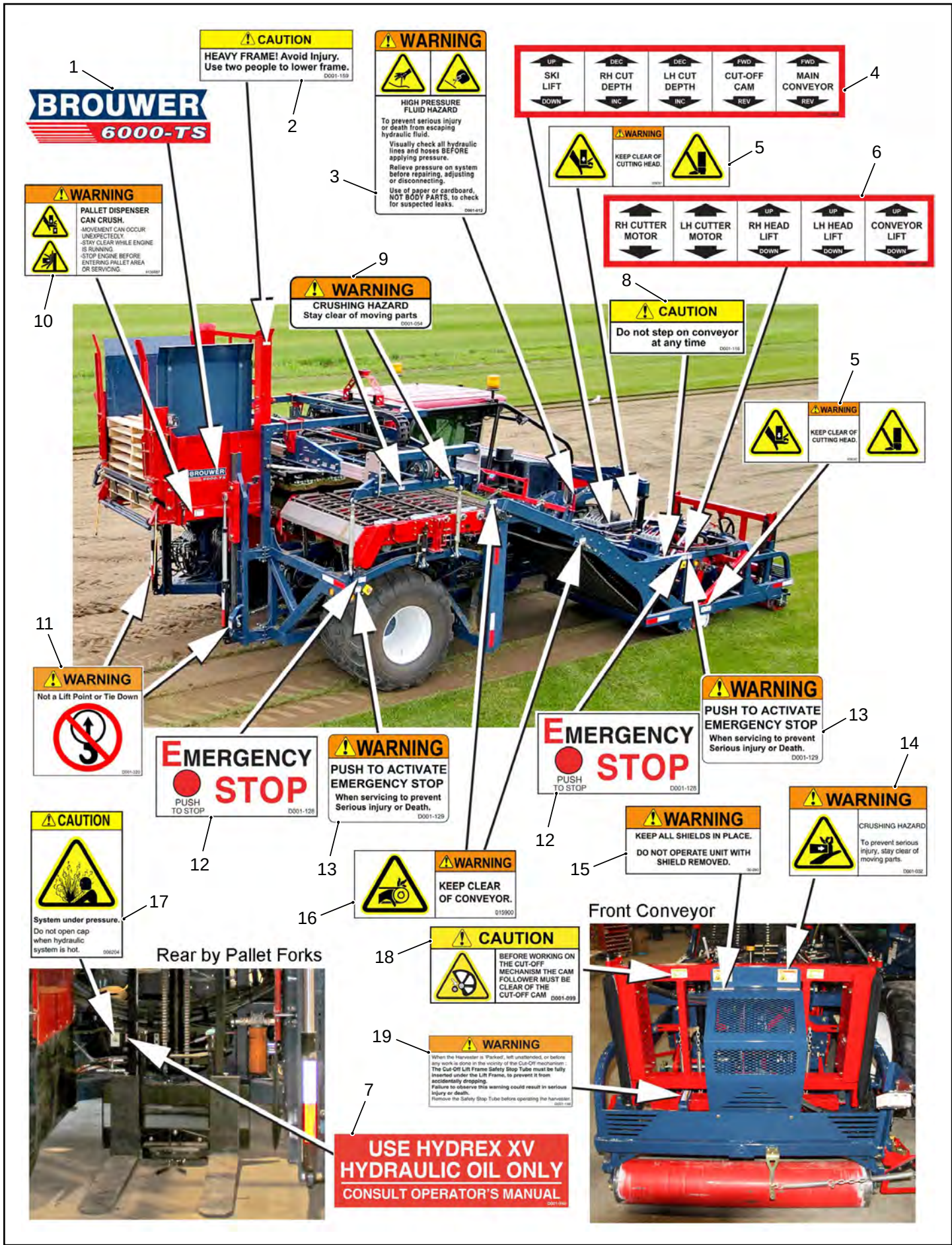
SECTION 8 DECALS & GUARDS

Decals

8-01

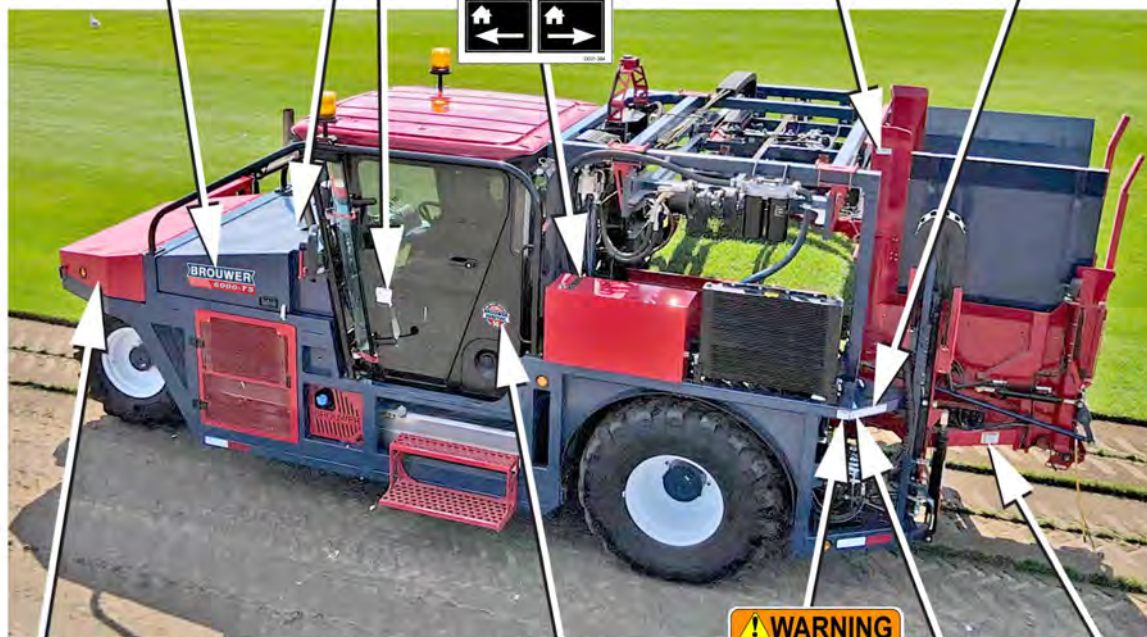
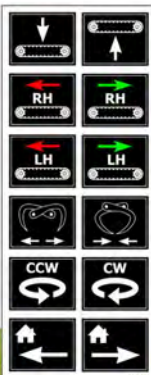
Rear Bed Guard Assemblies

8-07

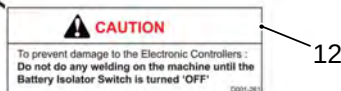
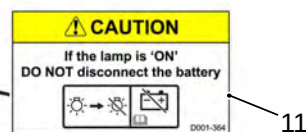


ITEM NO.	PART NO.	DESCRIPTION	QTY
BROUWER 6000-TS - DECALS			
1	D001-381	Decal - Brouwer 6000-TS Logo	1
2	D001-159	Decal - "Caution - HEAVY FRAME..."	1
3	D001-012	Decal - "Warning - High Pressure Fluid Hazard..."	1
4	D001-386	Decal - LH 5 Bank Valves	1
5	009097	Decal - "Warning - Keep Clear of Cutting Head..."	2
6	D001-385	Decal - RH 5 Bank Valves	1
7	D001-358	Decal - "Use Hydrex XV Hydraulic Oil..."	1
8	D001-116	Decal - "Caution - Do not step on Conveyor..."	1
9	D001-032	Decal - "Warning - Crushing Hazard..."	2
10	4136687	Decal - "Warning - Pallet Dispenser Can Crush..."	1
11	D001-320	Decal - "Warning" Not a Lift Point..."	2
12	D001-128	Decal - Emergency Stop Button	2
13	D001-129	Decal - "Warning - Push to Activate..."	2
14	D001-032	Decal - "Warning - Crushing Hazard..."	1
15	00-280	Decal - "Warning" Keep All Shields in Place..."	1
16	015900	Decal - "Warning" Keep Clear of Conveyor	2
17	006204	Decal - "Caution - System Under Pressure..."	1
18	D001-099	Decal - "Caution - Before Working on the Cut-Off..."	1
19	D001-148	Decal - "Warning - When the Harvester is Parked..."	1

BROUWER
6000-TS



Under Front Hood



BROUWER **6000-TS**

ITEM NO.	PART NO.	DESCRIPTION	QTY
BROUWER 6000-TS - DECALS			
1	D001-381	Decal - Brouwer 6000-TS Logo	1
2	D001-024	Decal - "Warning - No Riders..."	1
3	D001-053	Decal - "Caution - Hot Exhaust..."	1
4	D001-384	Decal - 6 Bank Valves (Gantry)	1
5	D001-383	Decal - 6 Bank Valves	1
6	D001-159	Decal - "Caution - HEAVY FRAME..."	1
7	4136687	Decal - "Warning - Pallet Dispenser Can Crush..."	1
8	D001-128	Decal - Emergency Stop Button	1
9	D001-129	Decal - "Warning - Push to Activate..."	1
10	D001-396	Decal - Brouwer - Over 50 Years	1
11	D001-364	Decal - "Caution - If the lamp is ON..."	1
12	D001-261	Decal - "Caution - To prevent damage..."	1
13	D001-380	Decal - Brouwer 6000-TS Logo	1



This machine is covered by one or more of the following patents:

U. S. Patents		
3,590,927	4,345,659	5,775,436
3,790,096	4,621,696	6,056,064
4,015,566	4,832,130	
4,018,287	4,944,352	
4,029,152	4,903,778	

Other patents pending.
Also patented in other countries.

THIS MACHINE CANNOT BE COPIED IN WHOLE OR IN PART FOR OWN USE OR RESALE.

BROUWER
EQUIPMENT BUILT FROM EXPERIENCE

015899

Upper Cab Right Side of Rear View Screen



5

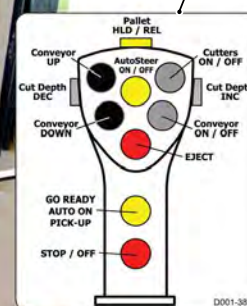


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3

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D001-387

BROUWER



Inside Cab Door

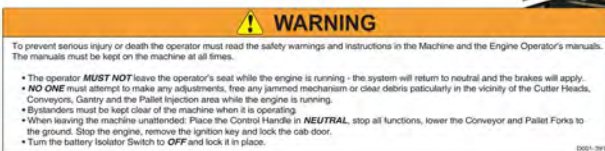


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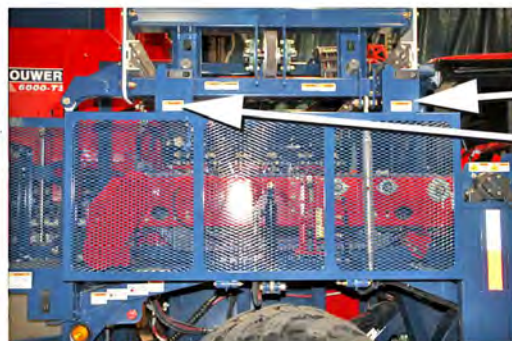
Back Cab Window

9



D001-391

Safety Guards



Right Side Gantry Gaurd



10



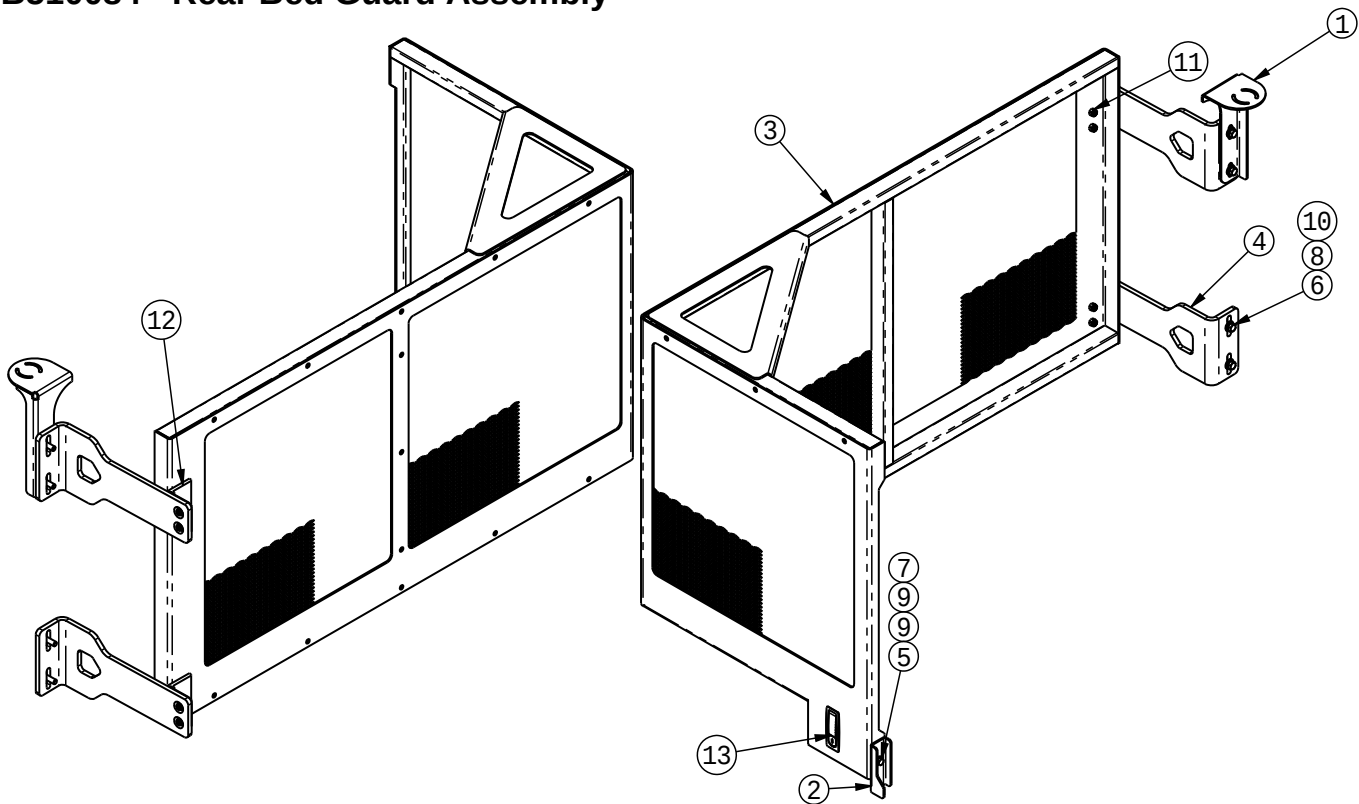
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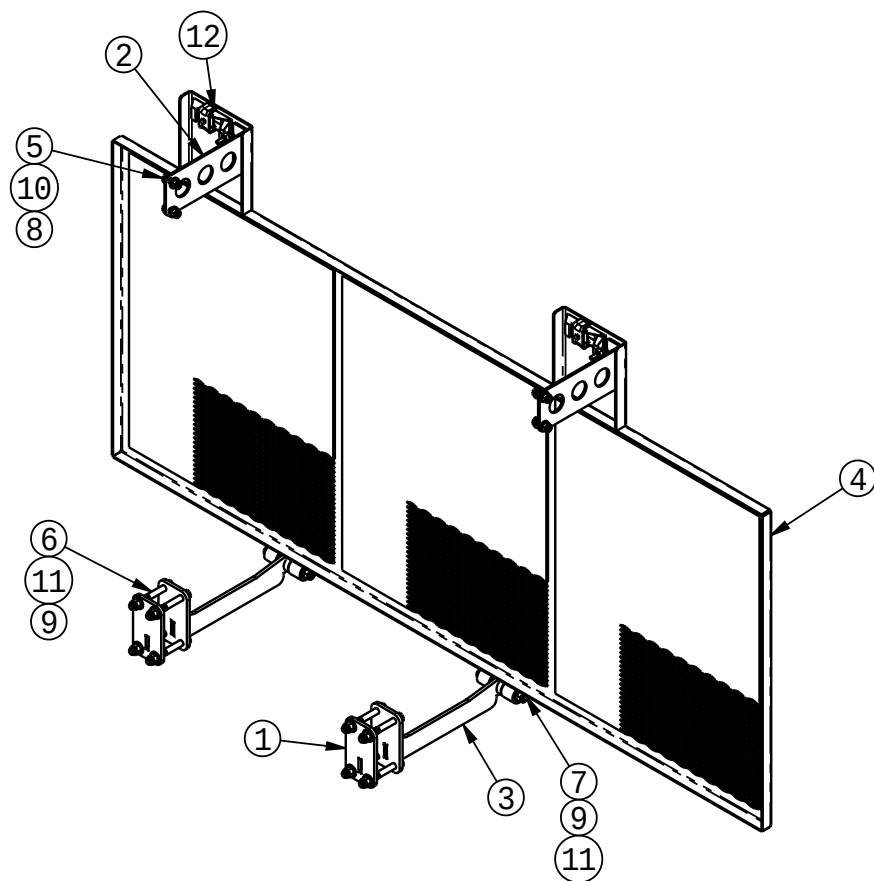
Back Gantry Gaurd

ITEM NO.	PART NO.	DESCRIPTION	QTY
BROUWER 6000-TS - DECALS			
1	015899	Decal - Patent	1
2	202525	Decal - "Caution - Avoid Injuries Read Operators Manual..."	1
3	D001-292	Decal - Switch Panel	1
4	D001-387	Decal - Controller ID	1
5	D001-019	Decal - "Warning - Fasten Your Seat Belts..."	1
6	015499	Decal - "Caution - Avoid injuries, Engage Auto-Steer..."	1
7	D001-148	Decal - "Warning - When Harvester is Parked..."	1
8	D001-302	Decal - Brouwer Logo - Horn	1
9	D001-391	Decal - "Warning - To prevent serious injury..."	1
10	00-280	Decal - "Warning - Keep All Shields in Place..."	3
11	D001-359	Decal - "Warning - Keep Guard Doors Closed..."	1

B510084 - Rear Bed Guard Assembly



B510081 - Rear Bed Guard Assembly



Brouwer 6000-TS Sod Harvester
Rear Bed Guard Assemblies

B510084 - Rear Bed Guard Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B110693	1	BED CAMERA MOUNT
2	B110922	1	REAR GUARD LATCH PLATE
3	B310170	1	REAR BED GAURD WELDMENT
4	B310171	2	LATCH PLATE WELDMENT
5	F040510	1	HEX BOLT - 5/16 - 18 UNC x 1.0 LG. GR. 8
6	F040612	4	BOLT - 3/8 UNC x 1 1/4 Gr 8
7	F210500	1	NUT-5/16 UNC NYLOC
8	F310600	4	LOCK WASHER - 3/8
9	F330500	2	5/16 SAE WASHER
10	F330600	4	FLAT WASHER SAE 3/8
11	G210800	8	HEX LOCK NUT - M8 x 1.25
12	KM99077	2	HINGE - METAL LEAF
13	KM99083	1	LEVER LATCH - C2 LOCKING

B510081 - Rear Bed Guard Assembly

ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	B110779	2	GUARD MOUNTING PLATE
2	B110781	2	GRIPPER GUARD LATCH PLATE
3	B310150	2	GUARD PIVOT MOUNT
4	B310151	1	SIDE GRIPPER GUARD
5	F040510	4	HEX BOLT - 5/16 - 18 UNC x 1.0 LG. GR. 8
6	F040632	8	BOLT-3/8 UNC X 3 1/4 GR 8
7	F040636	2	BOLT - 3/8 UNC x 3 3/4 Gr 8
8	F210500	4	NUT-5/16 UNC NYLOC
9	F210600	10	HEX LOCK NUT - 3/8 -16 UNC
10	F330500	8	5/16 SAE WASHER
11	F330600	20	FLAT WASHER SAE 3/8
12	KM99083	2	LEVER LATCH - C2 LOCKING



Kesmac Inc.

23324 Woodbine Avenue, Keswick Ontario Canada L4P 0N1

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

Website www.brouwerkesmac.com Email info@kesmac.com