

Turbo Grain Conveyor 6510, 8510 Models 2002 Owner's Manual

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Table of Contents

Warranty	5
President's Message	6
Safety Precautions	7
 1.0 Operating Instructions	 8
1.1 Transporting Instructions	8
1.2 Pre-Operation Instructions	8
1.3 General Operating Instructions	11
1.4 Cable Adjustment	12
1.5 Slow Moving Vehicle Sign Placement	13
 2.0 Maintenance Instructions	 14
2.1 Grease Locations	14
 3.0 Decal Location and Placement (Part No. 50519 and 50520)	 16
 4.0 Parts Information	 20
4.1 Direct Drive Option - 6510 (Part No. GC6510DD-2)	20
4.2 Side Drive Option - 6510 (Part No. GC6510SD-2)	22
4.3 Direct Drive Option - 8510 (Part No. GC8510DD-2)	24
4.4 Side Drive Option - 8510 (Part No. GC8510SD-2)	26
4.5 Intake Assembly (Part No. 50567)	29
4.5.1 Drive Assembly (Part No. 50565)	30
4.5.2 Hitch Assembly (Part No. 50569)	33
4.5.3 Hopper and Guard Assembly (Part No. 50566)	34
4.6 Stage 1 Assemblies	36
4.6.1 6510 Stage 1 Assembly (Part No. 50385)	36
4.6.1.1 Pivot Assembly (Part No. 50374)	37
4.6.1.2 Small Truss Assembly (Part No. 50386)	37
4.6.1.3 Small Pivot Assembly (Part No. 50389)	38
4.6.1.4 Tube Rest Assembly (Part No. 50376)	38
4.6.1.5 Idler Return Assembly (Part No. 50369)	39
4.6.2 8510 Stage 1 Assembly (Part No. 50383)	40
4.6.2.1 Small Pivot Assembly (Part No. 50373)	41
4.6.2.2 Idler Return Assembly (Part No. 50253)	41
4.7 Stage 2 Assembly	42
4.7.1 6510 Stage 2 Assembly (Part No. 50384)	42
4.7.1.1 Truss and Anchor Idler Assembly (Part No. 50378)	43
4.7.1.2 Anchor Idler Assembly (Part No. 50377)	43
4.7.1.3 Double Idler Return Assembly (Part No. 50341)	44
4.7.2 8510 Stage 2 Assembly (Part No. 50382)	45
4.8 Drive Assembly (Part No. 50518)	46
4.9 Drive Line Assembly (Part No. 31964)	48
4.10 Side Drive Assembly (Part No. 50529)	49
4.11 Belting (Part No. E5447(6510) and Part No. E5445(8510))	50

Table of Contents (cont'd)

4.12 Skirt Assemblies	51
4.12.1 6510 Skirt Assembly (Part No. 50390)	51
4.12.2 8510 Skirt Assembly (Part No. 50393)	52
4.13 Discharge Assembly (Part No. 50564)	53
4.14 Wire Rope Assemblies	54
4.14.1 Short Wire Rope Assemblies	54
4.14.2 Long Wire Rope Assemblies	54
4.15 Frame & Suspension Assembly (Part No. 50272)	55
4.15.1 Wheel Assembly (Part No. 49089)	56
4.15.2 Hub Assembly (Part No. 45228)	56
4.16 Light Kit Assembly (Part No. 50313)	57
5.0 Hydraulic Parts Information	58
5.1 Hydraulic Hose Assembly (Part No. 50517)	58
5.2 2.5x8 Cylinder (Part No. 31972)	59
5.3 Main Lift Cylinder Assembly	60
5.3.1 4x36 Cylinder (Part No. 30086)	61
5.3.2 4-1/2x36 Cylinder (Part No. 31928)	62
6.0 Options	63
6.1 Jack Assembly Option (Part No. ACOHJ-A)	63
6.2 Direct Drive Assembly (Part No. GCODD-2)	64
6.2.1 Gearbox (Part No. 31974)	66
7.0 Belt Direction Diagrams	67
8.0 Part Number Index.....	68
9.0 Specifications	79
Dealer Information	80
Identification Numbers	80
Dealer Checklist	81

Warranty

Highline New Agricultural Equipment Limited Warranty

Effective July 1, 2000 Two (2) Year / 24 Months

1st Year Parts and Labour – 2nd Year Parts Only

Highline Mfg. Inc (hereinafter "Highline") warrants each new Agricultural product of Highline's manufacturer to be free from defects in material and workmanship, under normal use and service for two (2) full years after initial purchase/retail sale.

Highline will warrant its product for one (1) year parts and labour, if performed by a qualified Dealer and on the second year parts only. This Limited Warranty shall apply only to complete machines of Highline's manufacture, parts are covered by a separate Limited Warranty.

EQUIPMENT AND ACCESSORIES NOT OF HIGHLINE'S MANUFACTURE ARE WARRANTED ONLY TO THE EXTENT OF THE ORIGINAL MANUFACTURER'S WARRANTY AND SUBJECT TO THEIR ALLOWANCE TO HIGHLINE ONLY IF FOUND DEFECTIVE BY SUCH MANUFACTURER.

During the Limited Warranty period specified above, any defect in material or workmanship in any warranted item of Highline Agricultural Equipment not excluded below shall be repaired or replaced at Highline's option without charge by any authorized independent Highline Dealer. An authorized Dealer must make the warranty repair or replacement. Labour in accordance with Highline's labour reimbursement policy. Highline reserves the right to supply remanufactured replacement parts as it deems appropriate.

RETAIL PURCHASER RESPONSIBILITY: This Limited Warranty requires proper maintenance and periodic inspections of the Agricultural Equipment as indicated in the Operator's Manual furnished with each new Agricultural Equipment. The cost of routine or required maintenance and services is the responsibility of the retail purchaser. The retail purchaser is required to keep documented evidence that these services were performed. This Highline New Agricultural Equipment Limited Warranty may be subject to cancellation if the above requirements are not performed

EXCLUSIONS AND LIMITATIONS

The warranties contained herein shall **NOT APPLY TO:**

- (1) Any defect which was caused (in Highline's sole judgement) by other than normal use and service of the Agricultural Equipment, or by any of the following: (i) accident (ii) misuse or negligence (iii) overloading (iv) lack of reasonable and proper maintenance (v) improper repair or installation (vi) unsuitable storage (vii) non-Highline approved alteration or modification (viii) natural calamities (ix) vandalism (x) parts or accessories installed on Agricultural Equipment which were not manufactured or installed by Highline authorized Dealers (xi) the elements (xii) collision or other accident.
- (2) Any Agricultural Equipment whose identification numbers or marks have been altered or removed.
- (3) Any Agricultural Equipment which any of the required or recommended periodic inspection or services have been performed using parts not manufactured or supplied by Highline or meeting Highline Specifications including, but without limitation, lubricants (oil, grease), belt lacings, and hydraulic fluids.
- (4) Equipment used for rental, custom work, industrial and construction or if equipment is used for any other purpose than the intended agricultural application.
- (5) Any Agricultural Equipment used in demonstrations not performed by a Highline Dealer. Warranty will be at the discretion of Highline for all other demonstration warranty.
- (6) **New Agricultural Equipment delivered to the retail purchaser in which the warranty registration has not been completed and returned to Highline within ten (10) days from the date of purchase.**
- (7) Any defect that was caused (in Highline's sole judgement) by operation of the Agricultural Equipment not abiding by standard operating procedures outlined in the Operator's Manual.
- (8) Tire Limited Warranties and support are the responsibility of the respective product's manufacturer.
- (9) Transportation costs, if any, of transporting to the Highline Dealer.
- (10) In no event shall Highline's liability exceed the purchase price of the product.
- (11) Highline shall not be liable to any person under any circumstances for any incidental or consequential damages (including but not limited to, loss of profits, out of service time and damage to equipment which this equipment may be attached) occurring for any reason at any time.
- (12) Diagnostic and overtime labour premiums are not covered under this Limited Warranty Policy.
- (13) Depreciation damage caused by normal wear, lack of reasonable and proper maintenance, failure to follow operating instructions, misuse, and/or lack of proper protection during storage.
- (14) Accessory systems and electronics not of Highline's manufacture are warranted only to the extent of such manufacturer's respective Limited Warranty if any.
- (15) Wear items which are listed by product group below:

COMMON WEAR ITEMS: roller chain, sprockets, clutches, shear bolts, clutch components, chains, gearbox housings bolts/torqued parts, flails, feed roller belting, coupler chain, DRV couplers, bogie wheels, apron tines and hoses.

PARTS WARRANTY

Parts replaced in the warranty period will receive the balance of the two year New Agricultural Equipment Limited Warranty. Replacement parts after the original machine warranty are warranted to be free from defects of material for ninety (90) days or the part will be repaired or replaced, without labour coverage for removal and reinstallation.

EXCLUSION OF WARRANTIES. UNLESS OTHERWISE REQUIRED BY LAW, AND EXCEPT FOR THE WARRANTIES EXPRESSLY AND SPECIFICALLY MADE HEREIN, HIGHLINE MAKES NO OTHER WARRANTIES, AND ANY POSSIBLE LIABILITY OF HIGHLINE HEREIN UNDER IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANT ABILITY OR FITNESS FOR A PARTICULAR PURPOSE. HIGHLINE RESERVES THE RIGHT TO MODIFY, ALTER AND IMPROVE ANY PRODUCT WITHOUT INCURRING ANY OBLIGATION TO REPLACE ANY PRODUCT PREVIOUSLY SOLD WITH SUCH MODIFICATION. NO PERSON IS AUTHORIZED TO GIVE ANY OTHER WARRANTY, OR TO ASSUME ANY ADDITIONAL OBLIGATION ON HIGHLINE'S BEHALF.

President's Message

Thank you for your recent purchase of the Turbo Grain Conveyor, the fastest 10" conveyor. The Turbo Grain Conveyor is the only conveyor to combine gentle handling with auger-like speed. With proper maintenance, the Turbo Grain Conveyor will provide years of outstanding performance.

This Operator's Manual has been prepared to provide information necessary for the safe and efficient operation of your Turbo Grain Conveyor. In it, you will find safety procedures, maintenance routines, and detailed parts diagrams.

In order to maintain our high standards, changes or improvements are made from time to time. Highline Mfg. Inc. reserves the right to make changes and add improvements when practical to do so without incurring any obligation to make such changes on previously sold machines.

Should the need arise, this manual will assist you in acquiring replacement parts. If your dealer does not have the parts you need in stock, they will be happy to order them in for you. Feel free to contact Highline Mfg. Inc. or your local dealer if you need information that is not included in this manual.

Highline Mfg. Inc. would like to thank you again for entrusting your grain handling needs to the Turbo Grain Conveyor.

*Chuck LePage, President
Highline Mfg. Inc.*

PO Box 307, Vonda, Saskatchewan, S0K 4N0

Phone 1-800-665-2010 Fax (306) 258-2010

Internet Address: <http://www.highlinemfg.com>

Safety Precautions

WORK SAFELY – FOLLOW THESE INSTRUCTIONS

CAREFUL OPERATION IS THE BEST INSURANCE AGAINST AN ACCIDENT!

 **Before operating the Turbo Grain Conveyor, be sure to review *all* of the instructions and familiarize yourself with its features.**

- Keep yourself and others clear of rotating parts to prevent injury.
- Exercise extreme caution while loading or unloading grain.
- Never attempt to manually remove debris while the PTO is engaged. Disengage the PTO before unplugging the Turbo Grain Conveyor.
- Relieve pressure in hydraulic lines before disconnecting lines or performing any maintenance on the hydraulic system.
- Keep away from the discharge and intake area while moving material.
- Know all of the controls and what they do.
- Check machine to ensure nothing restricts the moving or rotating parts.
- Ensure PTO is disengaged before starting tractor.
- Lower the conveyor to the ground and place on frame support after operation.
- Do not transport conveyor on highway with any material in the conveyor. Ensure hitch is in transport mode and transport lock is in place before transporting unit.
- Do not operate without safety shields and guards in place.
- Do not stand on any guards.
- Lower conveyor when transporting to prevent contact with overhead lines.
- Make sure the ball valve is closed after raising the Turbo Grain Conveyor and open before lowering.

1.0 Operating Instructions

1.1 Transporting Instructions

The conveyor hydraulic hitch has two operating conditions. The first is the working mode as shown in Figure 1.1(a). The hitch is set in this position to move the conveyor around the yard and into bin position. The second mode is for transport as shown in Figure 1.1(b) and Figure 1.1(c). The transport mode is used when the conveyor will be moved longer distances or for highway travel.

To switch from transport to working mode the conveyor must first be supported by the jack. the transport lock pin can then be removed and the transport lock can be mounted in its storage position as shown in Figure 1.1(a). To operate in transport mode for the side drive conveyor, place the transport lock and pin in the orientation shown in Figure 1.1(b). The hitch cylinder must be fully extended for the lock to fit in place. For the direct drive conveyor, place the transport lock and pin in the orientation shown in Figure 1.1(c). The driveline slips down onto the stub shaft that extends from the transport lock. This will secure the driveline in place.

Figure 1.1(a) - Working Setup

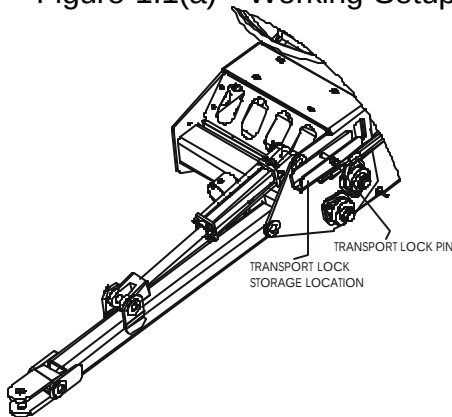


Figure 1.1(b) - Side Drive Transport

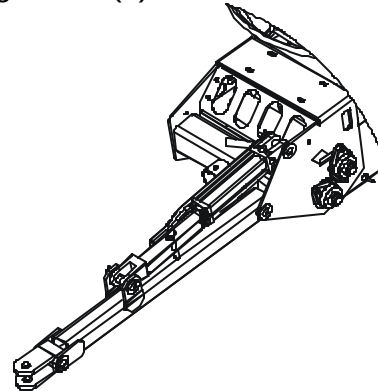
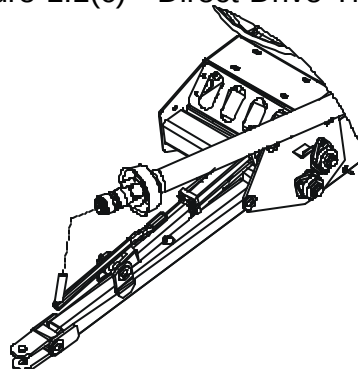


Figure 1.1(c) - Direct Drive Transport



1.2 Pre-Operation Instructions

Prior to operating the Turbo Grain Conveyor with material in it, operate it empty to familiarize yourself with the hydraulic controls and ensure the conveyor belt is centered. If the belt is not centered make the adjustments as described below to center it.

1. Belt Alignment

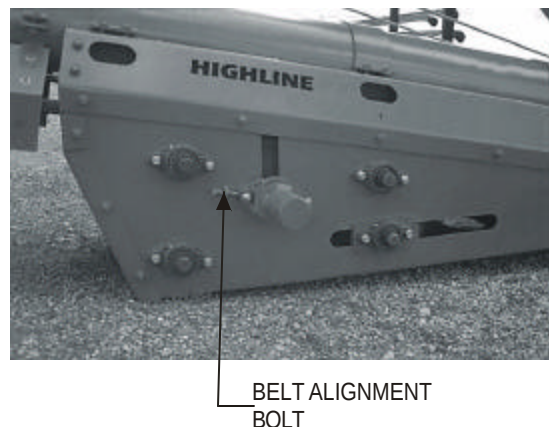
Run the Turbo Grain Conveyor at tractor idling speed without product to adjust (center) the belt. There are two locations where belt adjustment may be required. These adjustment points are the intake and drive. If the belt is running off to one side, begin with the intake adjustment (Figure 1.2(a)). Loosen the two 3/4" nuts on the roller bearing flange. If the belt is running to the right (passenger side) tighten the square head adjusting bolt. If the belt is running off to the left (driver's side), loosen the bolt. When the belt is running straight retighten the nuts. If the belt is still not running correctly, check the alignment of the belt going into the drive box. If the belt is running off to one side follow the same procedure as outlined above to adjust the drive roller (Figure 1.2(b)). These steps may have to be repeated to bring both adjustment points to alignment.

Note: When belt is in operation, some travel may occur in a side to side manner on the rollers. The acceptable tolerance is approximately 3/4" overall.

Figure 1.2(a)
Belt Tracking Adjustment - Intake



Figure 1.2(b)
Belt Tracking Adjustment - Drive



Note: When the Conveyor is run for the first time, the skirting in the intake will show signs of wear and may heat up and smoke. This break-in period is common and may last up to 4 hours of operation. If it lasts longer than that time, please contact your dealer or Highline Representative.

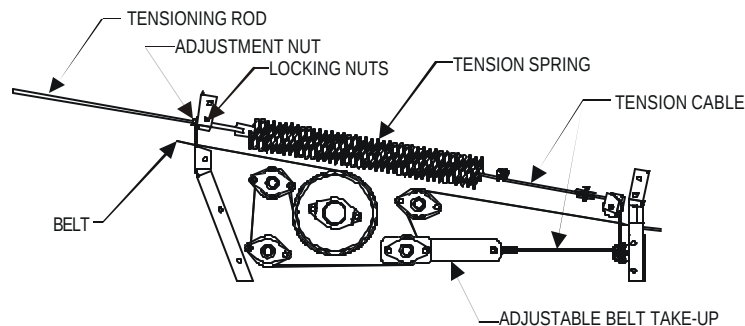
2. Belt Tension

Belt tension is set at the factory and should not need adjustment. If however after running the conveyor, it is found to be slipping under some conditions tension can be increased by following the procedure set out below.

To start, turn back the two ½" locking nuts (1" at a time) on the tensioning rod (Figure 1.2(d)) located on the inside of the drive box. The outside ½" adjustment nut can then be tightened down to the inside nuts. Test the conveyor for belt slippage and repeat this procedure until the belt does not slip.

If the belt still slips and there is no adjustment left on the tensioning rod, a section of the belt can be removed and the tensioning system reset. This will need to be done by a qualified technician.

Figure 1.2(d) - Belt Tensioning System



1.3 General Operating Instructions

Watch the conveyor belt to ensure that it is centered on all rollers. If it is not centered, refer to the Pre-operation Instructions for directions on how to center the belt.

The main roller shaft (PTO output) should run between 500 and 600 rpm. ***Do not exceed a PTO speed of 600 rpm!***

At no time should the belt be allowed to slip on the main drive roller. If slippage occurs, ***IMMEDIATELY*** shut down the conveyor, determine where the problem has occurred and correct it.

If the Turbo Grain Conveyor belt slips with material in the tube, stop the machine and evenly and slowly re-engage the PTO.

If the Turbo Grain Conveyor belt stops due to overfilling of a bin, clear the material from the discharge. Restart the conveyor slowly, making sure the belt does not slip on the drive roller.

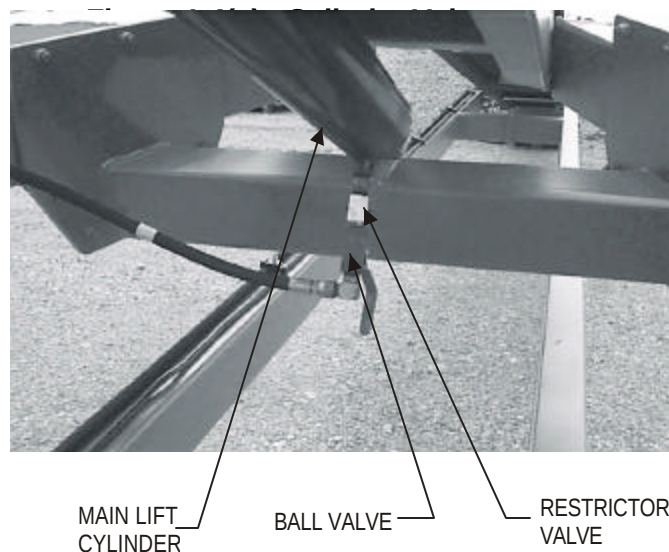
Never transport the conveyor with material in the tube.

Watch for overhead lines. Always lower the conveyor when moving. Maintain a minimum of 10' between the conveyor and overhead lines at all times.

Place the spout of the conveyor 3" above the bin opening. Never rest the spout on the bin opening.

A restrictor valve is used on the main lift cylinder to prevent the cylinder from compressing quickly if a hose fails (Figure 1.4(a)). A ball valve has also been added to prevent the oil flow from lowering the Turbo Grain Conveyor into the bin.

Always engage the ball valve if the conveyor is being used or stored in an elevated position.



Stand clear of the conveyor when raising or lowering.

Do not spill or allow oil to come into contact with the belt.

Do not run the conveyor without shields in place.

Keep all nuts, bolts, bearing lock collars, etc. tight at all times.

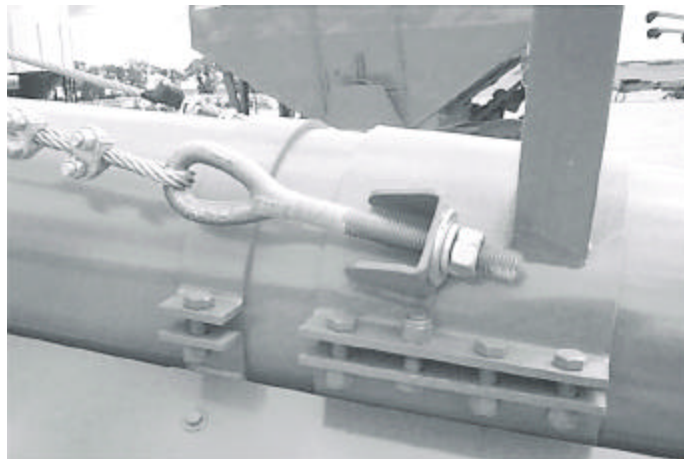
1.4 Cable Adjustment

Adjustment of the cable should be done very carefully. The cables can be adjusted at the four eye bolts (Figure 1.5), making sure to loosen the cable clamps at the top of all trusses before adjusting. When tightening cables, do not tighten more than three revolutions per side before rechecking.

Side to Side Adjustment: Tightening one side more than the other will result in a twisting of the tube. This will limit the capacity of the conveyor as well as cause the belt to bind, reducing the life of the belt. To determine whether or not the conveyor is straight, look up the center of the tube while the conveyor is in the transport position. If the spout is too far to the right, tighten the cables on the left. If the spout is over to the left, tighten the cables on the right.

Up and Down (Horizontal) Adjustment: Proper cable tension will limit the amount of sag in the conveyor and will reduce tube deflection while being loaded and transported. To check the horizontal straightness of the tube, lower the conveyor to the transport position and look up the tube from the intake end. The cables should be tightened evenly so the tube is straight (or has a slight upward shape near the discharge end). Periodically check if the tube is straight, especially before and after transporting the conveyor over long distances.

Figure 1.5 - Cable Tensioner



1.5 Slow Moving Vehicle Sign Placement

The slow moving vehicle sign is to be placed on the left hand side of the machine (Figure 1.6) for transport purposes.

Figure 1.6 - SMV Sign



2.0 Maintenance Instructions

To ensure a long operating life of your Turbo Grain Conveyor, follow these maintenance procedures.

- Periodically check all bolts for tightness.
- Periodically inspect belt splice for signs of wear and tear.
- Periodically check belt alignment and adjust as required.
- Grease points as described below.
- Ensure tire air pressure is maintained at rated psi. Fluctuation in the air pressure may result in damage to the tire.

2.1 Grease Locations

	Description	Frequency
1	Intake Assembly	Every 8 hours
2	Drive Assembly	Every 8 hours
3	Hub Assemblies	Yearly
*4	Direct Drive U-Joint	Every 8 hours
*5	Direct Drive Bearing	Every 8 hours
*6	PTO Shaft - Not Shown	Every 8 hours

*Items refer only to the Direct Drive Conveyor

1. Intake Assembly



GREASE POINT

2. Drive Assembly



GREASE POINTS

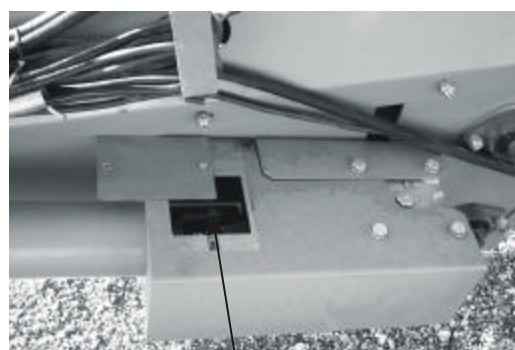
GREASE POINTS

3. Hub Assembly



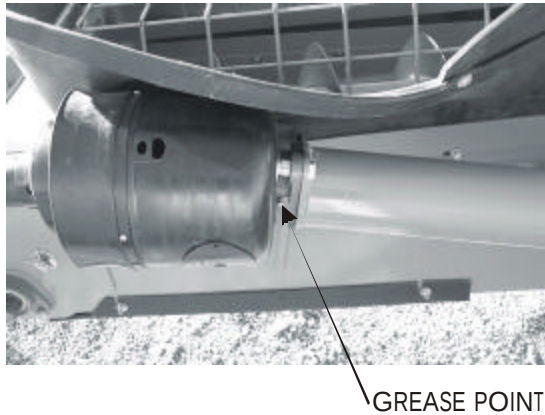
GREASE POINT

4. Direct Drive U-Joint



GREASE POINT

5. Direct Drive Bearing



Direct Drive Gearbox

Check oil level in gearbox after every 40 hours of use. Use EP80W90 oil in gearbox. Maximum quantity oil - 28 oz. (Note: Normal operating temperature is between 70-80°C).

Drive Chain Lubrication

Use an industrial grade spray-on lubricant to lubricate the roller chain. Maintain every 100 hours.

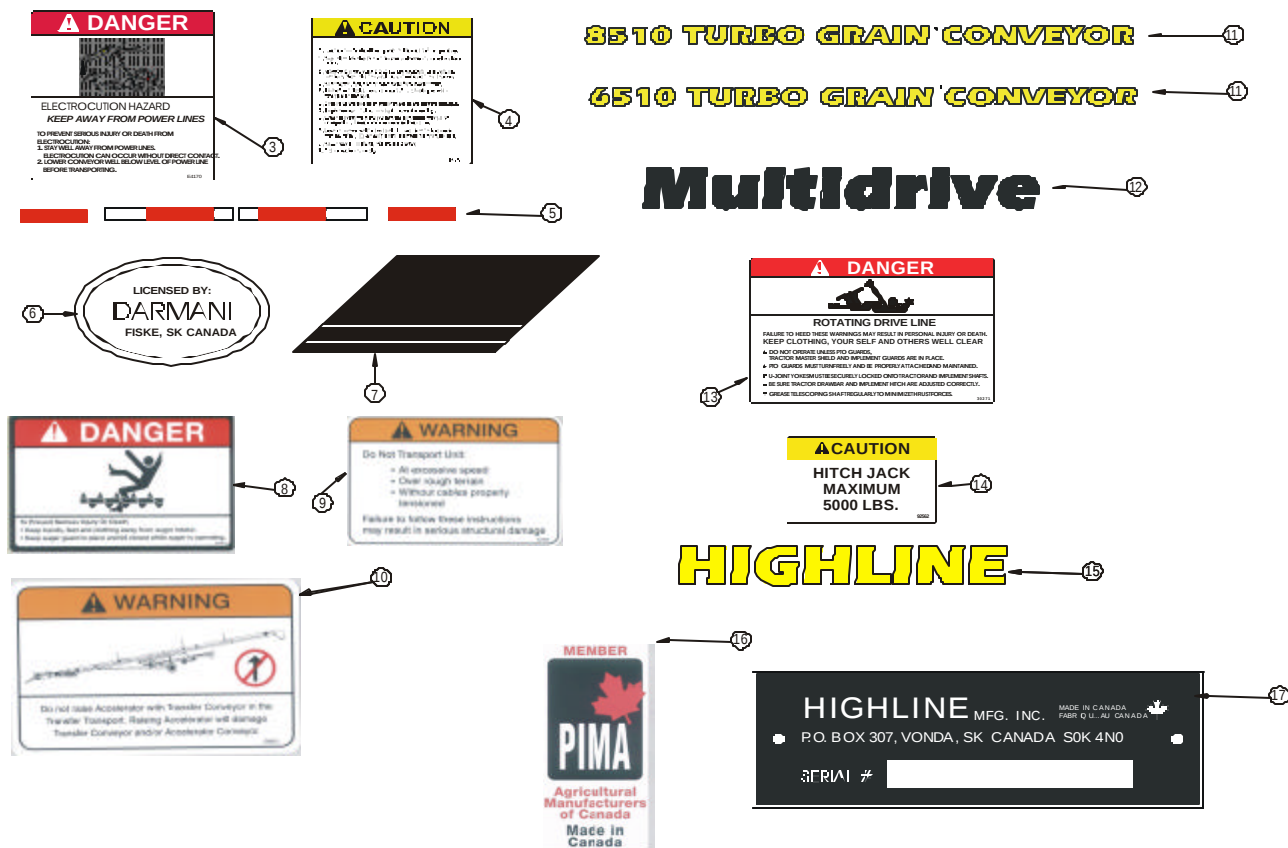
Auger Drive Gearbox

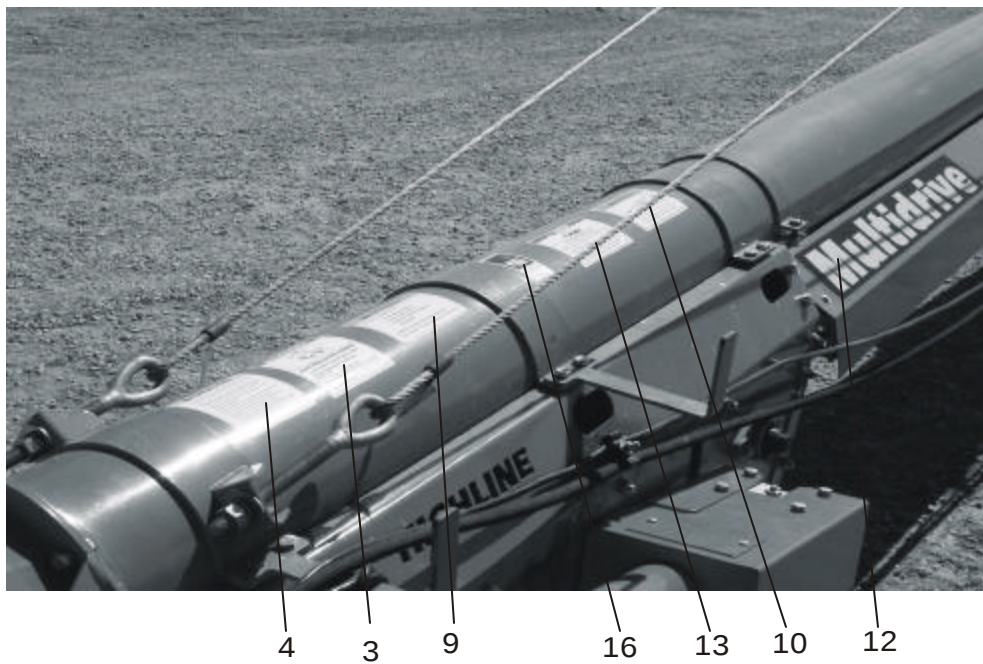
This gearbox is grease lubricated. Only if the gearbox is overheating (above 100°C) or there is obvious signs of grease leaking out of the gearbox, should the gearbox require maintenance. This should be checked every 100 hours. Use NLF100EP grease if required.

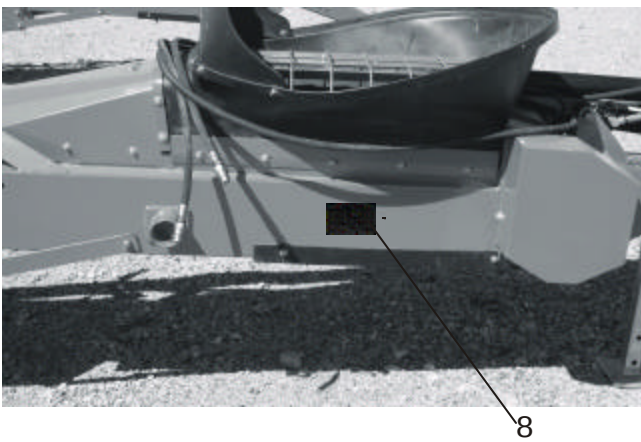
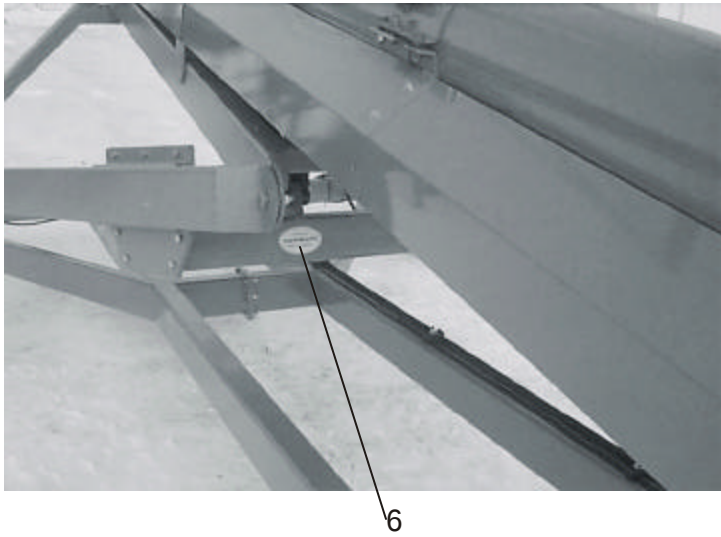
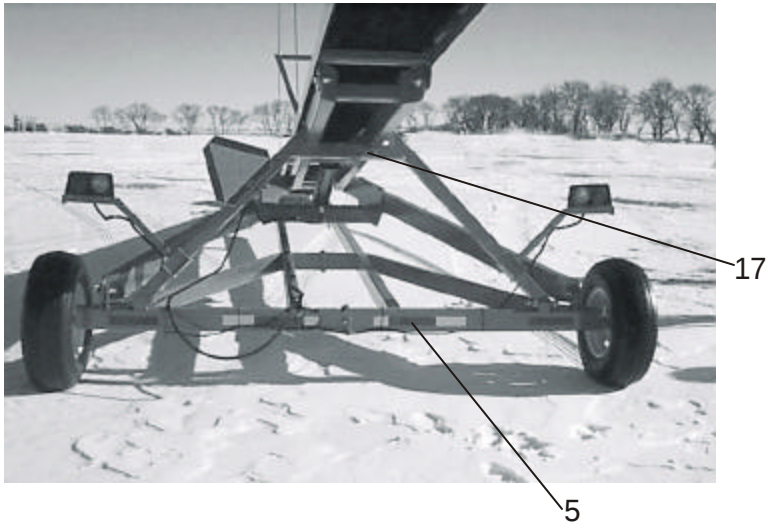
3.0 Decal Location and Placement (Part No. 50519 and 50520)

ITEM	PART NO.	DESCRIPTION	QTY.
*1	E3278	DECAL.CAUTION.CABLE.SIDE	1
*2	E3279	DECAL.CAUTION.CABLE.FRONT	1
3	E4170	DECAL.DANGER.ELECTROCUTION	1
4	E4171	DECAL.CAUTION.READ	1
5	E5102	DECAL.RED/WH.REFL.2X72	1
6	E5190	DECAL.LICENSED BY DARMANI	1
7	E5198	DECAL.PINSTRIPE.CONV.17'	2
8	E5325	DECAL.AUGER.ACC	2
9	E5339	DECAL.DAMAGE.STRUCTURAL	1
10	E6051	DECAL.T. TRANSPORT.DO NOT LIFT	1
11	E6482	DECAL.CONVEYOR.TURBO.8510	2
	E6483	DECAL.CONVEYOR.TURBO.6510	2
12	E6484	DECAL.MULTIDRIVE	2
13	30271	DECAL.DANGER.ROTATING DRIVE	2
*14	92562	DECAL.WARNING.HITCH JACK	1
15	92579	DECAL.HIGHLINE.4X30	2
16	32981	DECAL.PIMA	1
17	30208	PLT.SERIAL#	1

*Not Shown





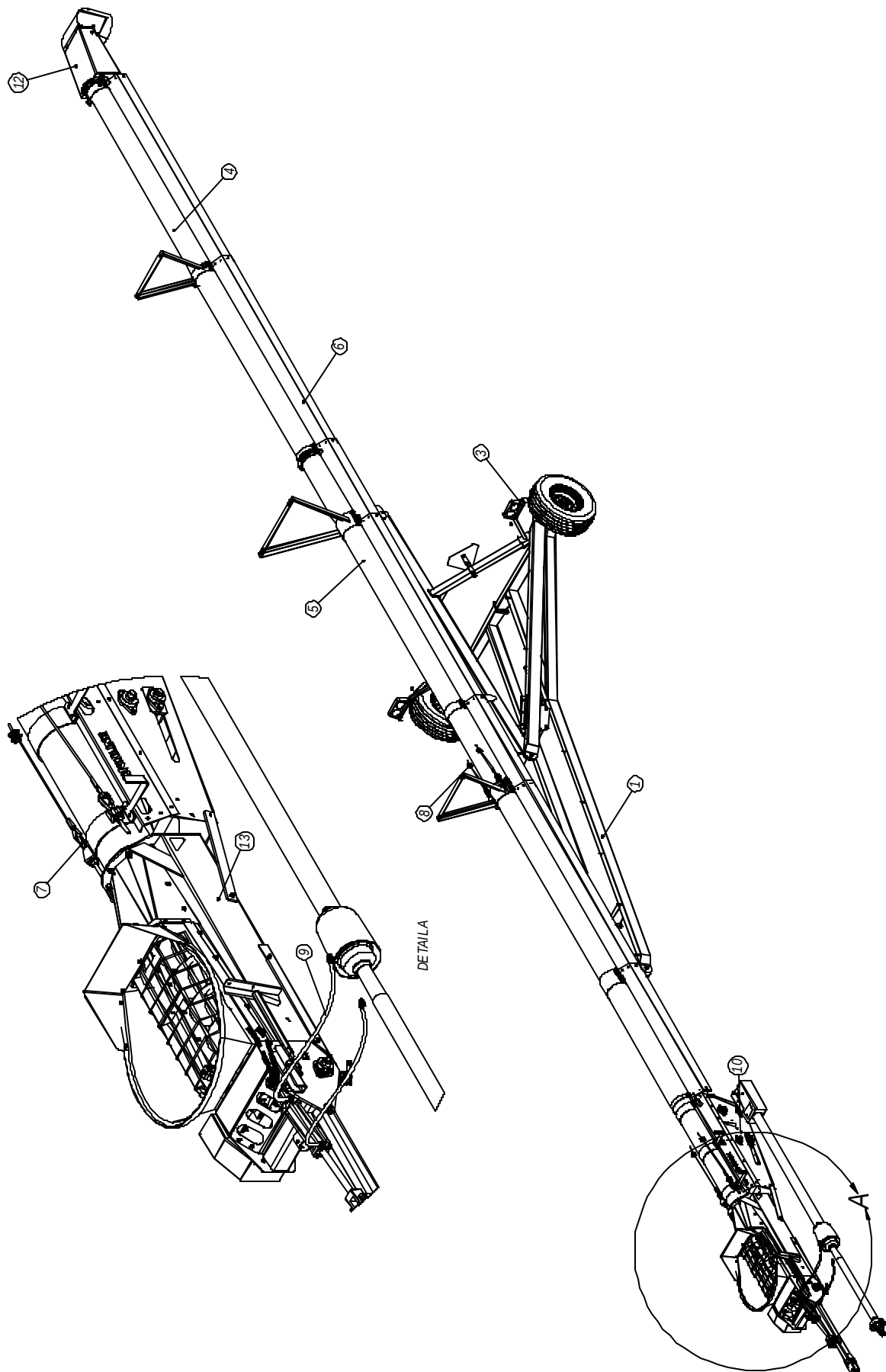


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4.0 Parts Information

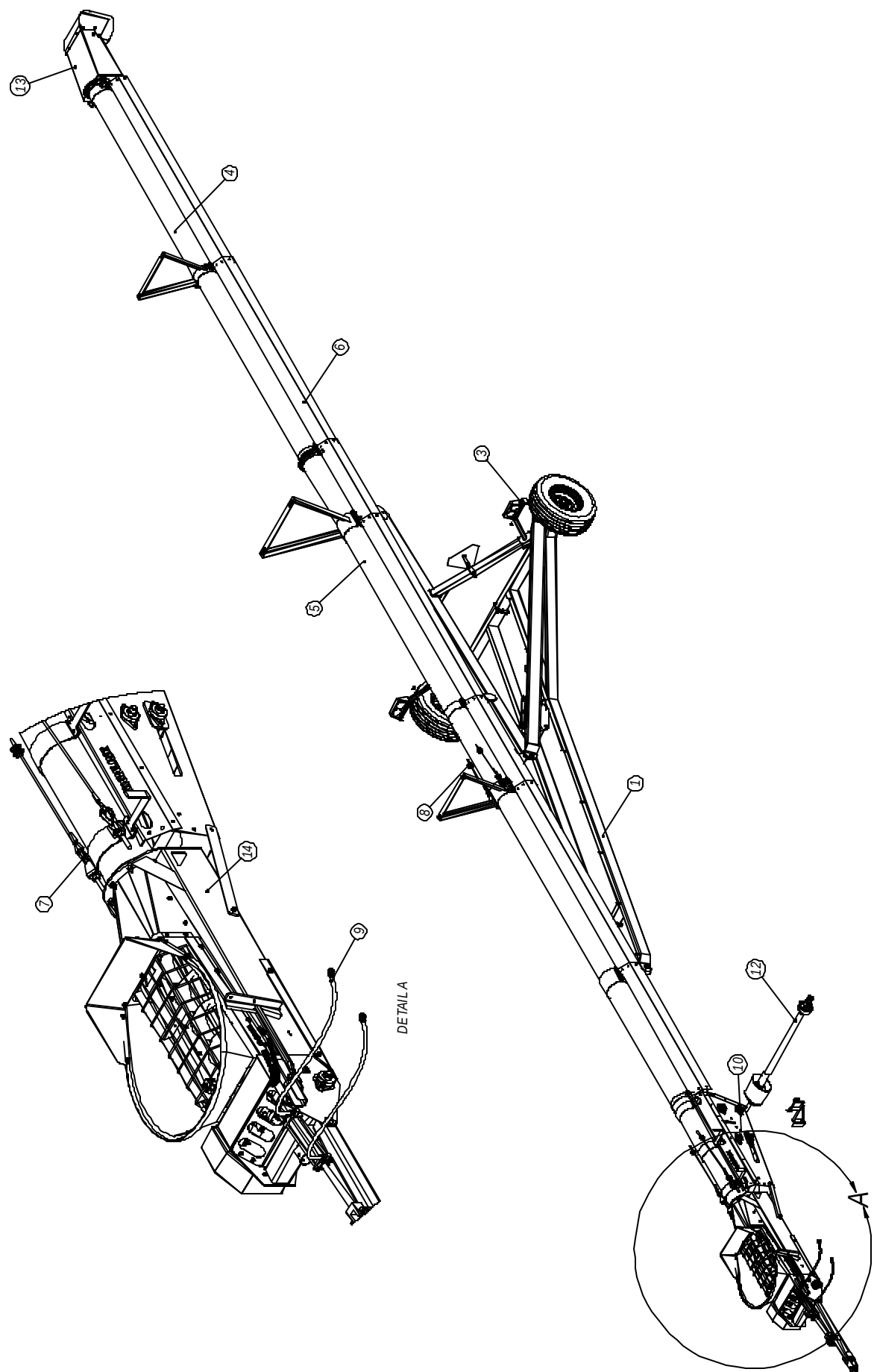
4.1 Direct Drive Option - 6510 (Part No. GC6510DD-2)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50272	FRAME,ASSEMBLY	1
2	50311	CYL,MAIN,LIFT,ASSY	1
3	50313	LIGHT-KIT,ASSEMBLY	1
4	50384	STAGE2,ASSEMBLY, 65',RD	1
5	50385	STAGE1, ASSEMBLY, 65',RD	1
6	50390	SKIRT,ASSY, 65',RD	1
7	50391	ROPE, WIRE, LONG, ASSY, 65'	2
8	50392	ROPE, WIRE, SHORT, ASSY, 65'	2
9	50517	ASSY, HYD, HOSE, CONNECTORS	1
10	50518	ASSY, DRIVE, COMPLETE	1
11	50520	ASSY, DECAL, 6510GC	1
12	50564	ASSY, DISCHARGE, COMPLETE	1
13	50567	ASSY, COMPLETE, INTAKE	1
14	E5447	BELT, 15", 6510	1
15	E6341	MANUAL, GC-2	1
16	30295(20)	PAINT, ORANGE, HIGHLINE	1
17	30296(2)	PAINT, CATALYST, SPO3937P2	1
18	G CODD-2	GC, OPTION, DIRECT_DRIVE-2	1



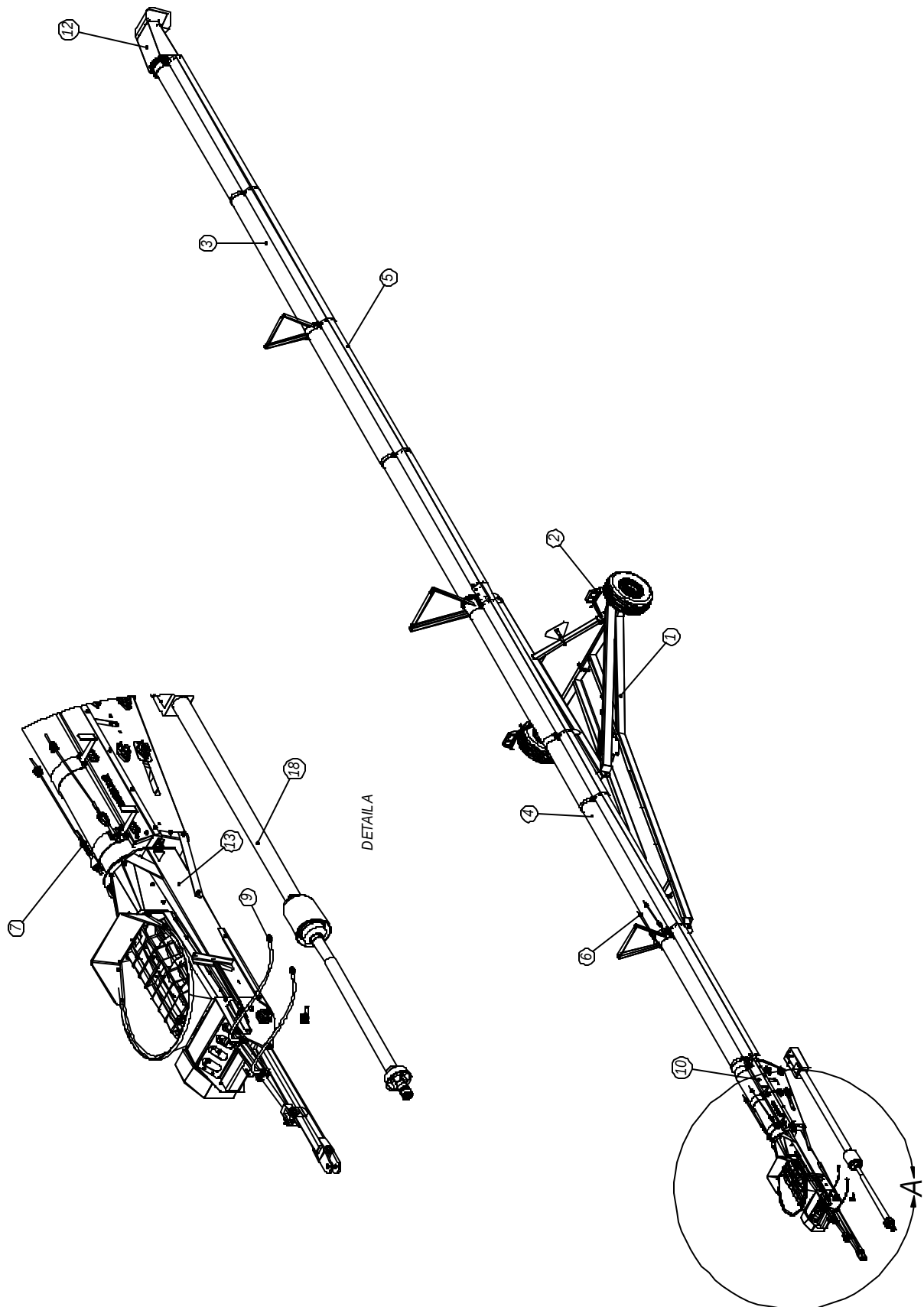
4.2 Side Drive Option - 6510 (Part No. GC6510SD-2)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50272	FRAME,ASSEMBLY	1
2	50311	CYL,MAIN,LIFT,ASSY	1
3	50313	LIGHT-KIT,ASSEMBLY	1
4	50384	STAGE2,ASSEMBLY, 65',RD	1
5	50385	STAGE1, ASSEMBLY, 65',RD	1
6	50390	SKIRT,ASSY, 65',RD	1
7	50391	ROPE,WIRE, LONG,ASSY, 65'	2
8	50392	ROPE,WIRE,SHORT,ASSY, 65'	2
9	50517	ASSY, HYD,HOSE,CONNECTORS	1
10	50518	ASSY, DRIVE,COMPLETE	1
11	50520	ASSY,DECAL,6510GC	1
12	50529	ASSY,GC,SIDEDRIVE-2	1
13	50564	ASSY,DISCHARGE,COMPLETE	1
14	50567	ASSY, COMPLETE,INTAKE	1
15	E5447	BELT,15", 6510	1
16	E6341	MANUAL,GC-2	1
17	30295(20)	PAINT,ORANGE,HIGHLINE	1
18	30296(2)	PAINT,CATALYST,SPO3937P2	1



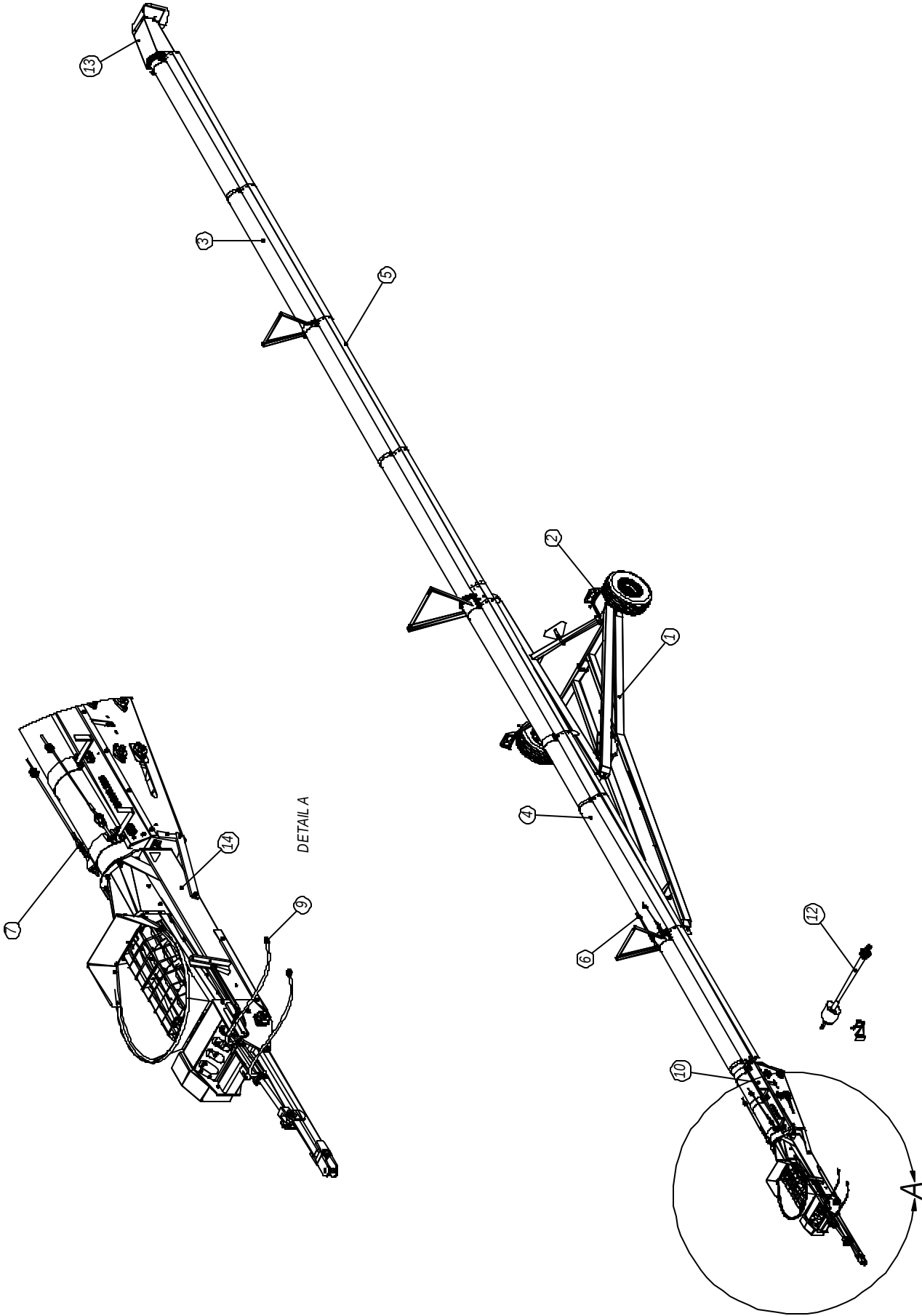
4.3 Direct Drive Option - 8510 (Part No. GC8510DD-2)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50272	FRAME,ASSEMBLY	1
2	50313	LIGHT-KIT,ASSEMBLY	1
3	50382	STAGE2,ASSEMBLY, 85',RD	1
4	50383	STAGE1, ASSEMBLY, RD	1
5	50393	SKIRT,ASSY, 85',RD	1
6	50394	ROPE,WIRE,SHORT,ASSY, 85'	2
7	50395	ROPE,WIRE, LONG,ASSY, 85'	2
8	50396	CYL,MAIN,LIFT,ASSY, 85'	1
9	50517	ASSY, HYD,HOSE,CONNECTORS	1
10	50518	ASSY, DRIVE,COMPLETE	1
11	50519	ASSY, DECAL,8510GC	1
12	50564	ASSY, DISCHARGE,COMPLETE	1
13	50567	ASSY, COMPLETE,INTAKE	1
14	E5445	BELT,15",8510	1
15	E6341	MANUAL,GC-2	1
16	30295(20)	PAINT,ORANGE,HIGHLINE	1
17	30296(2)	PAINT,CATALYST,SPO3937P2	1
18	GCODD-2	GC,OPTION,DIRECT DRIVE-2	1



4.4 Side Drive Option - 8510 (Part No. GC8510SD-2)

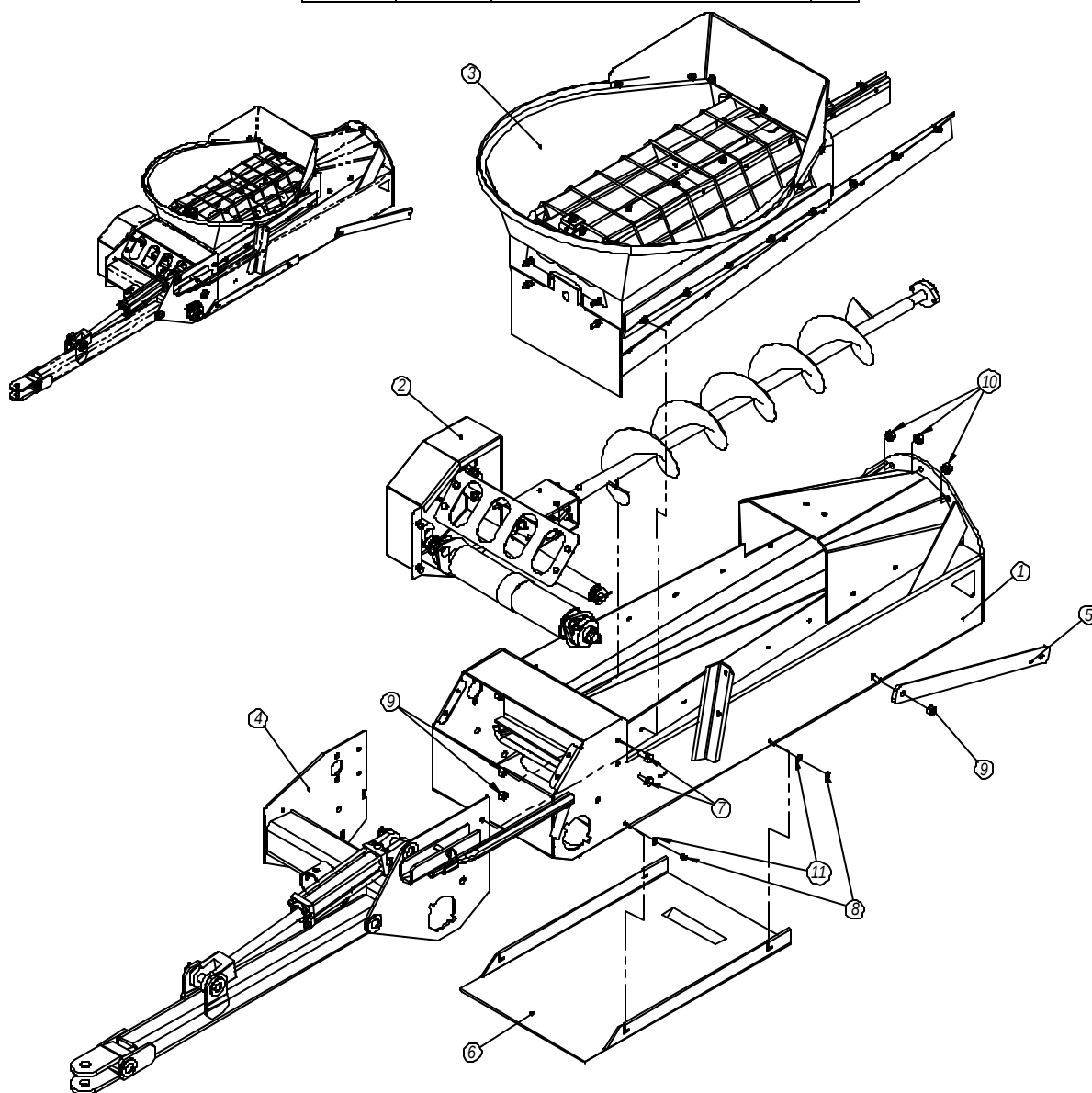
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50272	FRAME,ASSEMBLY	1
2	50313	LIGHT-KIT,ASSEMBLY	1
3	50382	STAGE2,ASSEMBLY, 85',RD	1
4	50383	STAGE1, ASSEMBLY, RD	1
5	50393	SKIRT,ASSY, 85',RD	1
6	50394	ROPE,WIRE,SHORT,ASSY, 85'	2
7	50395	ROPE,WIRE, LONG,ASSY, 85'	2
8	50396	CYL,MAIN,LIFT,ASSY, 85'	1
9	50517	ASSY, HYD,HOSE,CONNECTORS	1
10	50518	ASSY, DRIVE,COMPLETE	1
11	50519	ASSY, DECAL,8510GC	1
12	50529	ASSY, GC, SIDEDRIVE-2	1
13	50564	ASSY, DISCHARGE,COMPLETE	1
14	50567	ASSY, COMPLETE,INTAKE	1
15	E5445	BELT,15",8510	1
16	E6341	MANUAL,GC-2	1
17	30295(20)	PAINT,ORANGE,HIGHLINE	1
18	30296(2)	PAINT,CATALYST,SPO3937P2	1



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4.5 Intake Assembly (Part No. 50567)

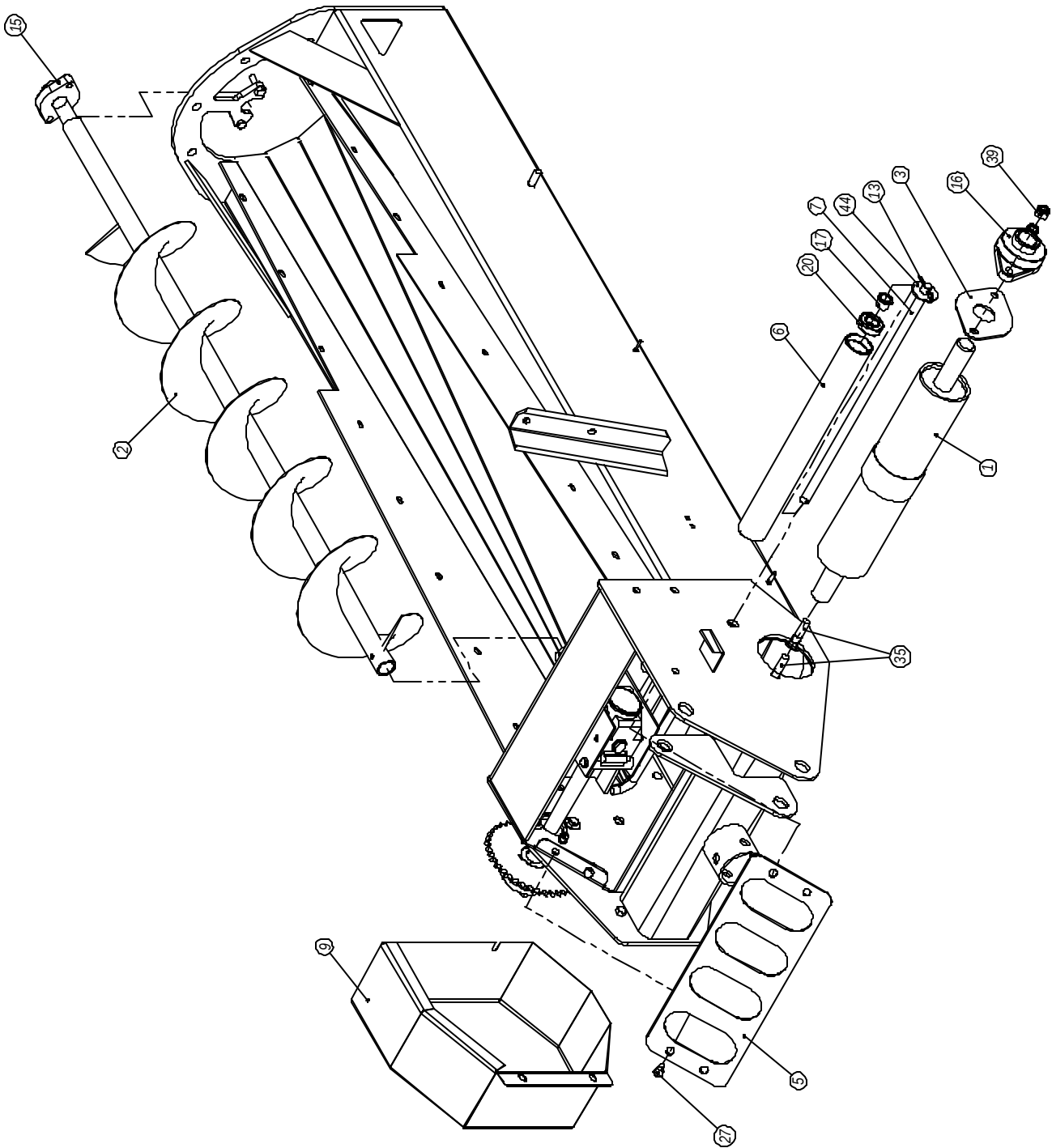
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50560	WLDT,INTAKE	1
2	50565	ASSY, DRV,INTAKE	1
3	50566	ASSY, HOPPER&GUARD,INTAKE	1
4	50569	ASSY, HITCH	1
5	E5148	STRAP,INTAKE	2
6	E5430	TRAY, INTAKE,CLEANOUT	1
7	31332	BOLT, HEX,1/2X1-1/4,UNC,GR5,ZP	4
8	31174	NUT,NYLOCK,1/4,UNC,ZP	4
9	31173	NUT,NYLOCK,1/2,UNC,ZP	6
10	31179	NUT,NYLOCK,9/16,UNC,ZP	8
11	31237	WASHER,FLAT,1/4,ZP	4

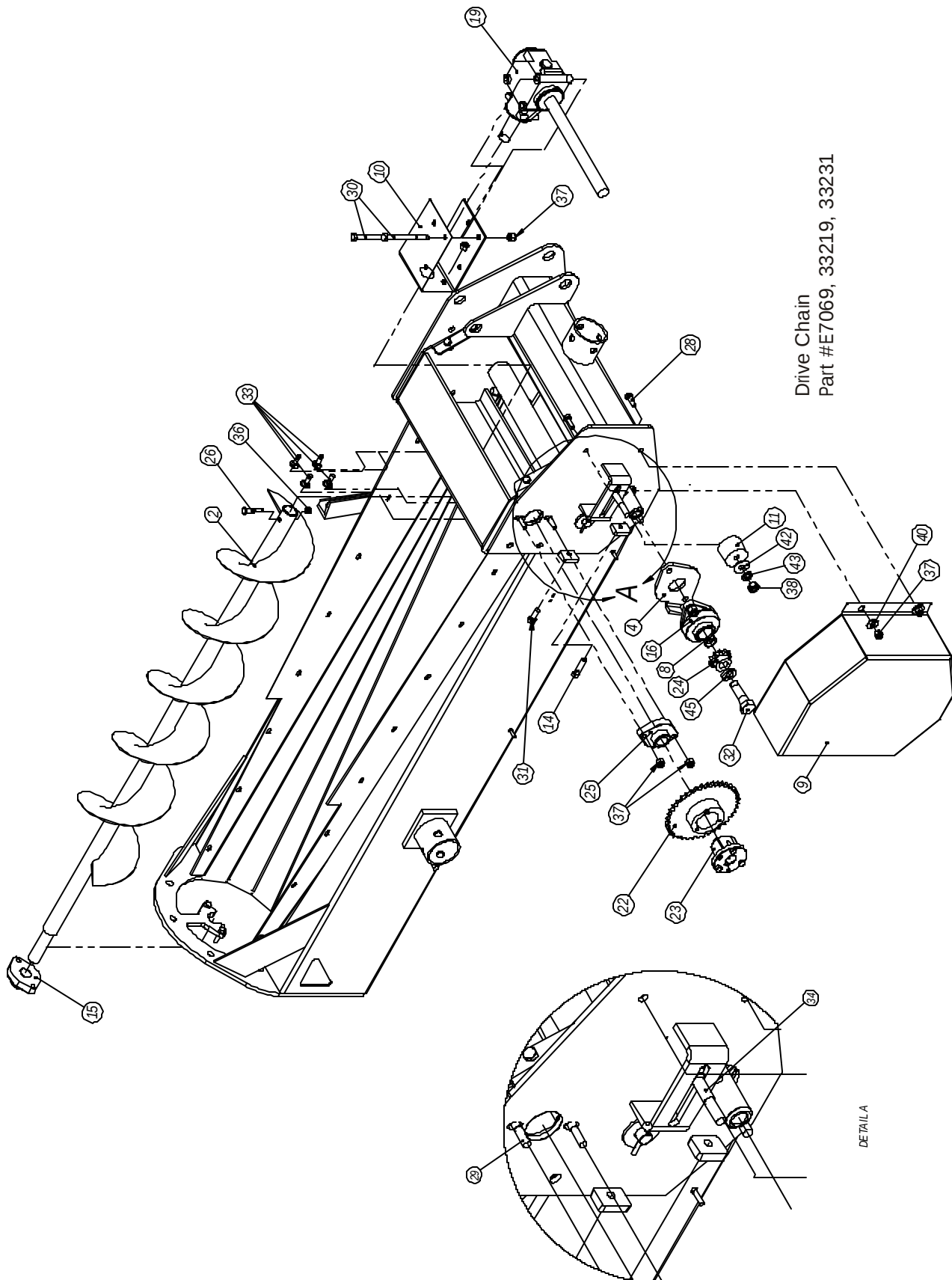


4.5.1 Drive Assembly (Part No. 50565)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50514	ASSY, ROLLER,3-1/2,TAPPED,CROWN	1
2	50559	WLDT,AUGER,INTAKE	1
3	E4104	PLATE,RETAINING,BEARING	1
4	E5431	ADJUSTER,INTAKE,BEARING	1
5	E5455	PLATE,INTAKE,FRONT	1
6	E7057	PIPE,ROLLER,1.9X17	1
7	E7058	SHAFT,5/8X19-1/2,DRILLED	1
8	E7060	PIPE,SMLS,1X.120X1/4L	1
9	E7061	GUARD,DRV,INTAKE	1
10	E7062	MOUNT,DRV,GEARBOX	1
11	E7064	GUIDE,CHAIN,PLASTIC	1
12	E7069	CHAIN,ROLLER,#40,28 LINKS	1
13	31289	PIN,COTTER,3/16X1-1/2	2
14	31566	BOLT,SQRHEAD,7/16UNCX2",Gr.5,ZP	1
15	31915	BEARING,FLANGE,2BOLT,1	1
16	31930	BEARING,ROUND,1-1/4",EL	2
17	31967	DRV,BUSHING,PRESSFIT,20MM-5/8"	2
18	33219	CHAIN,CONNECTOR LINK,#40	1
19	33293	DRV,GEARBOX,90DEG,25MM,1:1	1
20	32376	DRV,BRG,ROLLER,6004-2RS	2
21	33231	CHAIN,HALF LINK,#40	1
22	33291	DRV,SPRKT,#40,40,P1,TAPER	1
23	33296	DRV,BUSHING,S TAPER,P1,25MM	1
24	33238	DRV,SPROCKET,#40,11,3/4",B	1
25	33239	BEARING,FLANGE,2BOLT,25MM	1
26	31047	BOLT,HEX,5/16X1-3/4,UNC,GR5,ZP	1
27	31345	BOLT,HEX,3/8X3/4,UNC,GR5,ZP	4
28	31043	BOLT,HEX,3/8X1,UNC,GR5,ZP	2
29	31066	BOLT,HEX,3/8X1-3/4,UNC,GR5,ZP	2
30	33221	BOLT,HEX,3/8X4,UNC,GR5,ZP	2
31	31444	BOLT,HEX,7/16X1,UNC,GR2,ZP	1
32	31040	BOLT,HEX,3/4X2-1/2,UNC,GR5,ZP	1
33	31573	BOLT,CARR,3/8X1,UNC,GR5,ZP	4
34	31011	BOLT,CARR,1/2X2-3/4,UNC,GR5,ZP	1
35	31009	BOLT,CARR,1/2X2,UNC,GR5,ZP	4
36	31177	NUT,NYLOCK,5/16,UNC,ZP	1
37	31176	NUT,NYLOCK,3/8,UNC,ZP	14
38	31163	NUT,HEX,1/2,UNC,GR5,ZP	1
39	31173	NUT,NYLOCK,1/2,UNC,ZP	4
40	31351	WASHER,FLAT,3/8,ZP	4
41	31429	WASHER,LOCK,7/16,ZP	1
42	31236	WASHER,FLAT,1/2,ZP	1
43	31244	WASHER,LOCK,1/2,ZP	1
44	31240	WASHER,FLAT,5/8,ZP	2
45	31246	WASHER,LOCK,3/4,ZP	1

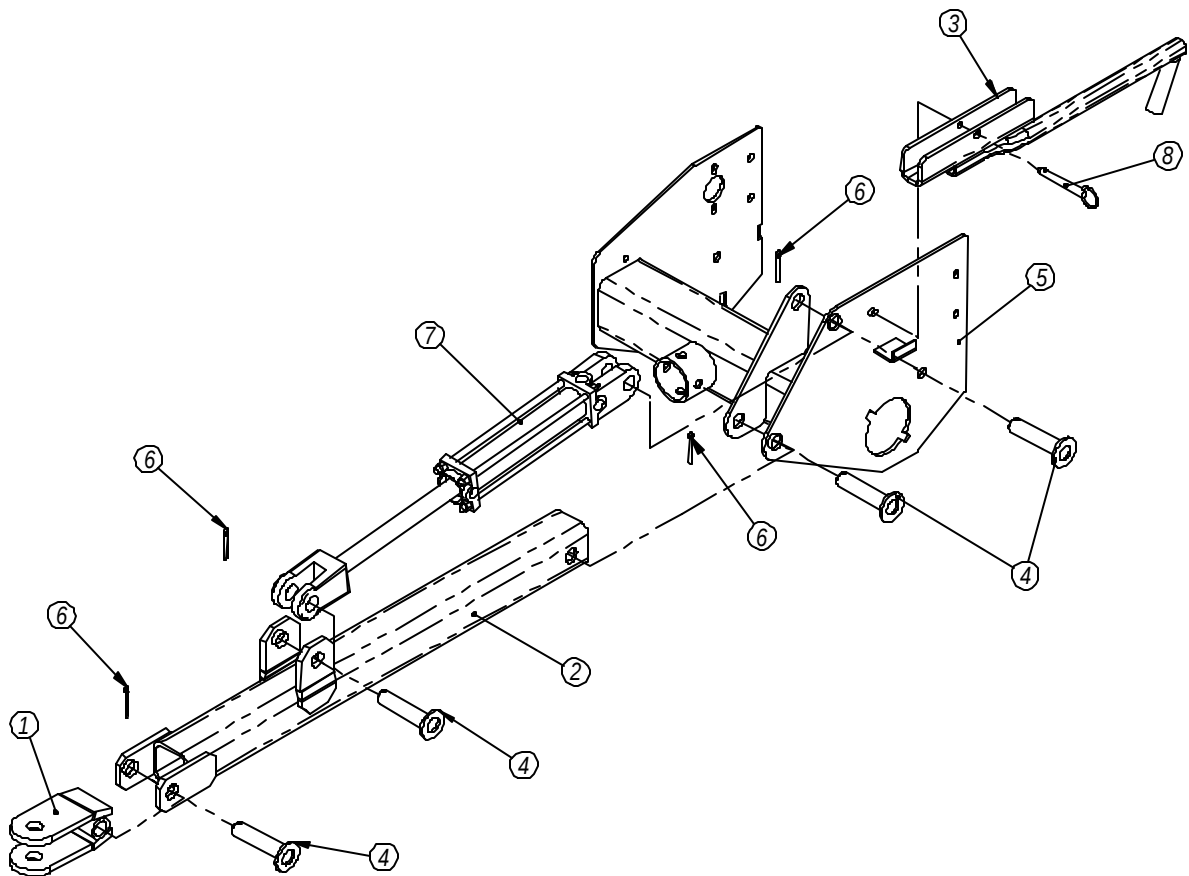
ITEM #12, #18 AND #21 NOT SHOWN





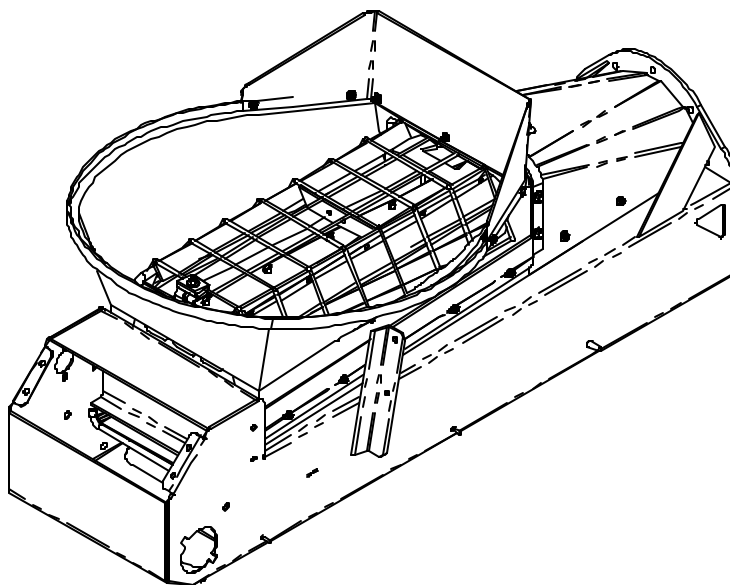
4.5.2 Hitch Assembly (Part No. 50569)

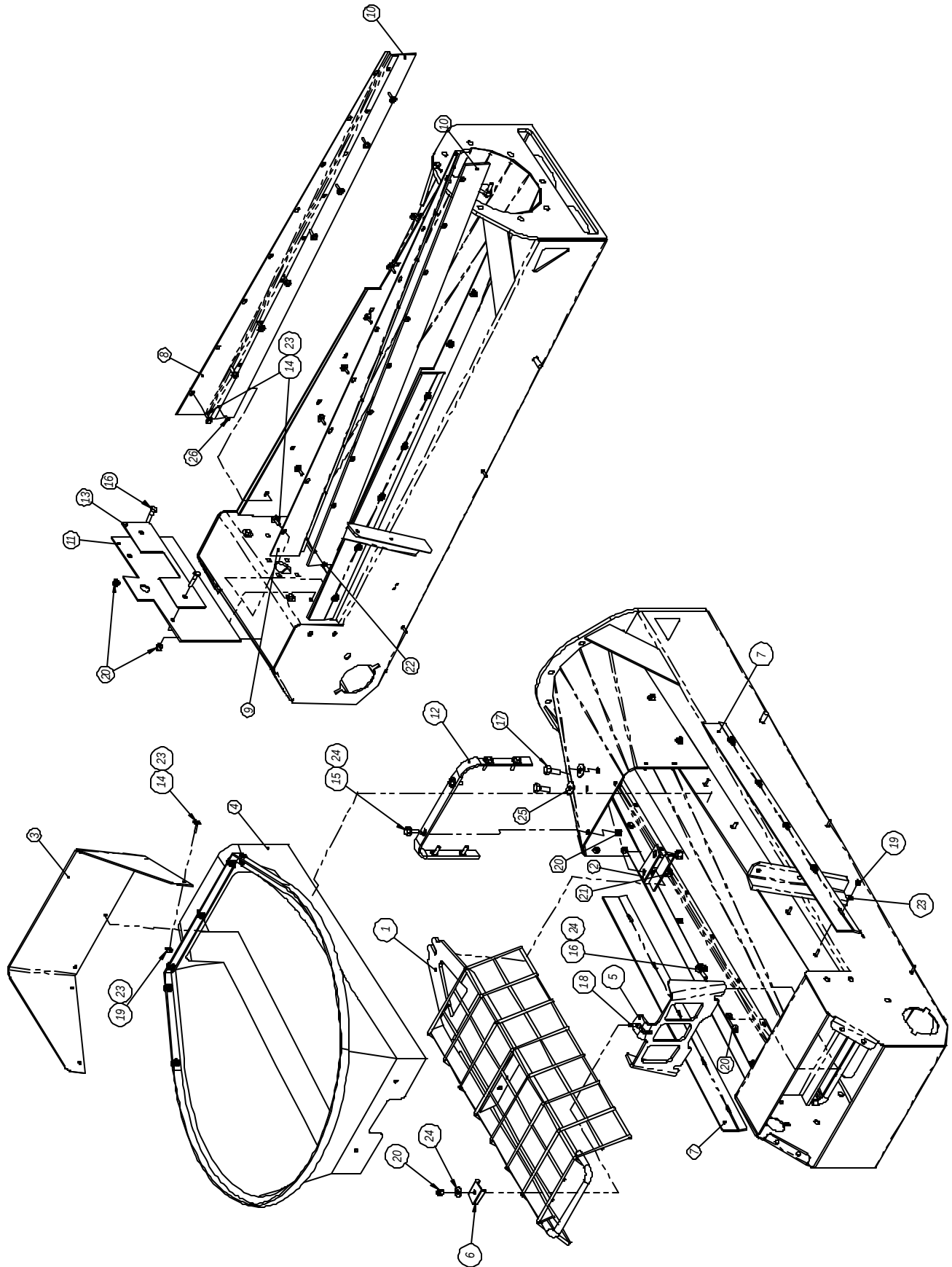
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50122	TONGUE,HITCH	1
2	50502	WLDT,HITCH,3X3	1
3	50511	WLDT,LOCK,TRANSPORT	1
4	50516	ASSY, PIN,1x4-7/16	4
5	50568	WLDT,BEAM,HITCH	1
6	30221	PIN,COTTER,3/16X1-3/4	4
7	31972	Hyd,Cyl,2.5X8,1.125,8FP,NO_PINS	1
8	31813	PIN,QUICK RELEASE,1/2X3,ZP	1



4.5.3 Hopper and Guard Assembly (Part No. 50566)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50509	WLDT,INTAKE GUARD	1
2	50570	WLDT,HANGER,GUARD	1
3	E5303	DEFLECTOR,HOPPER	1
4	E5429	HOPPER,INTAKE,PLASTIC	1
5	E6322	INT,GUARD	1
6	E6343	CHANNEL,GUARD,LOCK	1
7	E7051	PLT,S,CLAMP,HOPPER	2
8	E7054	SHT,S,HANGER,SKIRT,L	1
9	E7055	SHT,S,HANGER,SKIRT,R	1
10	E7056	SKIRT,SIDE,INTAKE	2
11	E7059	SKIRT,FRONT,INTAKE	1
12	E7070	BRACKET,STRAP,HOPPER	1
13	E7071	PLT,S,RETAINER,SKIRTING	1
14	31029	BOLT,HEX,1/4X1,UNC,GR5,ZP	23
15	31479	BOLT,HEX,3/8X1-1/4,UNC,GR5,ZP	6
16	31044	BOLT,HEX,3/8X1-1/2,UNC,GR5,ZP	4
17	31332	BOLT,HEX,1/2X1-1/4,UNC,GR5,ZP	2
18	31585	BOLT,CARR,3/8X1-1/2,UNC,GR5,Z P	1
19	31174	NUT,NYLOCK,1/4,UNC,ZP	23
20	31176	NUT,NYLOCK,3/8,UNC,ZP	11
21	31173	NUT,NYLOCK,1/2,UNC,ZP	2
22	31536	WASHER,FLAT,1/8,ZP	18
23	31237	WASHER,FLAT,1/4,ZP	46
24	31351	WASHER,FLAT,3/8,ZP	9
25	31236	WASHER,FLAT,1/2,ZP	2
26	31739	RIVET,ST,3/16x.565,.375 HEAD	18

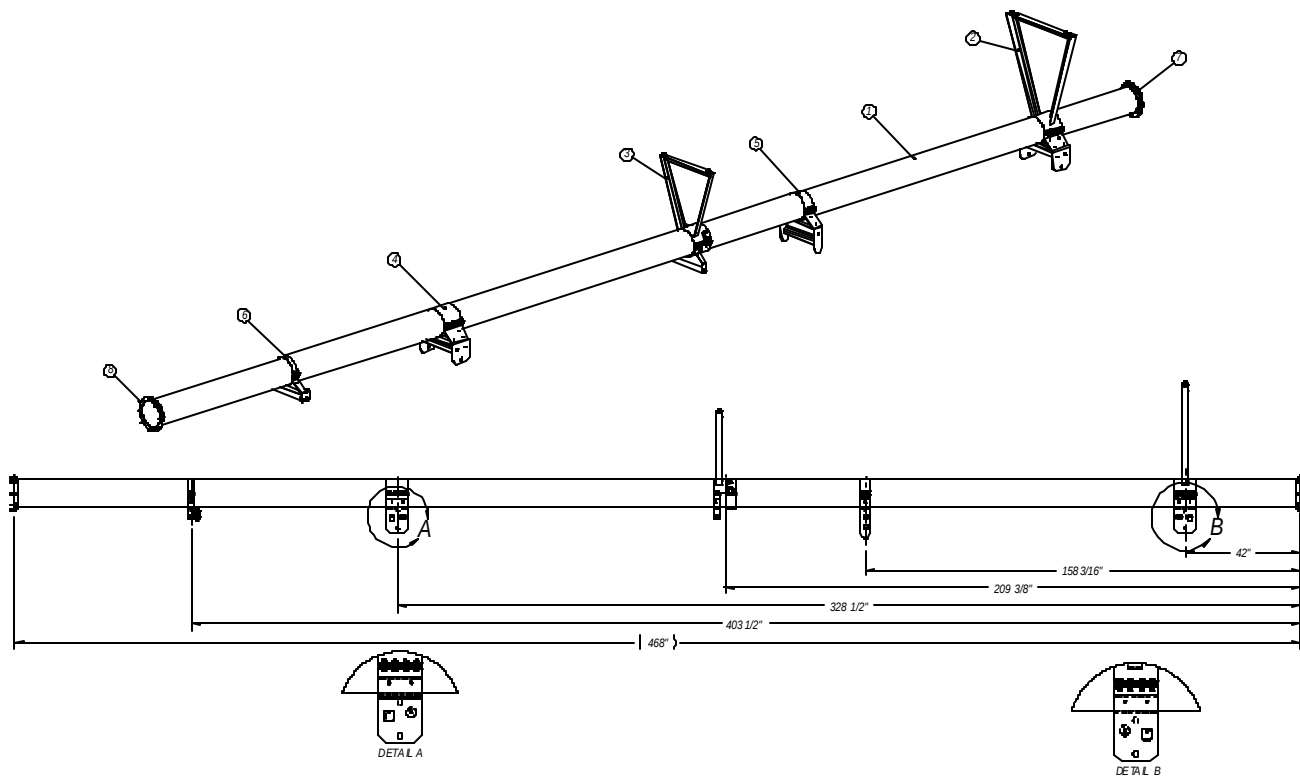




4.6 Stage 1 Assemblies

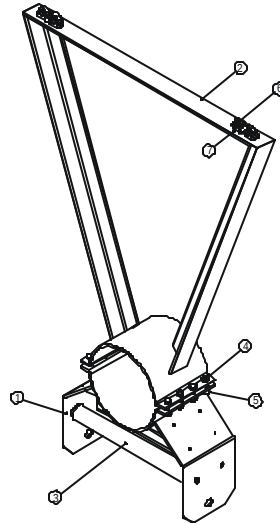
4.6.1 6510 Stage 1 Assembly (Part No. 50385)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50265	STAGE1, WELDMENT	1
2	50374	PIVOT, TRUSS, ASSEMBLY	1
3	50386	TRUSS, SMALL, RD	1
4	50389	PIVOT, SMALL, ASSY, RD	1
5	50376	REST, TUBE, ASSEMBLY	1
6	50369	IDLER, RETURN, ASSY, TRAINING	1
7	31179	NUT, NYLOCK, 9/16, UNC, ZP	8
8	31704	BOLT, HEX, 9/16X1-3/4, UNC, GR5, ZP	8



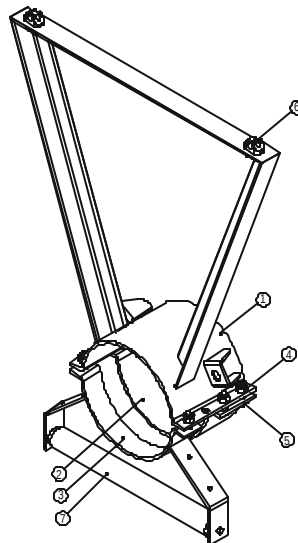
4.6.1.1 Pivot Assembly (Part No. 50374)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50372	CLAMP,PIVOT,MAIN	1
2	50257	TRUSS,PIVOT,MAIN	1
3	31927	ROLLER, 1.9x18-3/8, 7/16 HEX	1
4	31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	8
5	31173	NUT,NYLOCK,1/2,UNC,ZP	8
6	30456	CLAMP, CABLE,3/8"	4
7	31176	NUT,NYLOCK,3/8,UNC,ZP	8



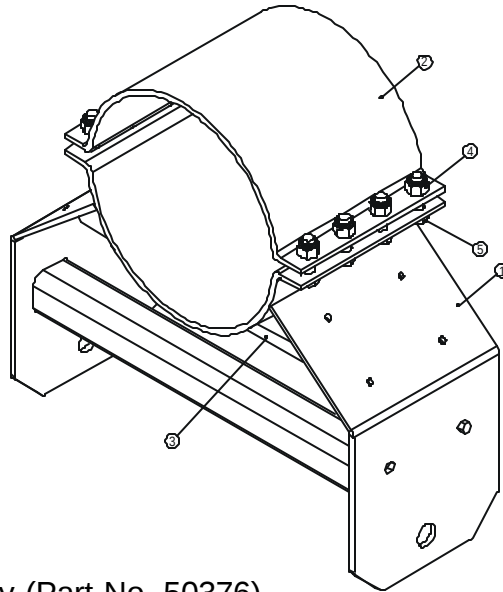
4.6.1.2 Small Truss Assembly (Part No. 50386)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50277	TRUSS,SMALL,W/CABLE,WLDT	1
2	E5163	CLAMP,PIPE,10"X4"	1
3	50252	CLAMP,IDLER,RETURN	1
4	31173	NUT,NYLOCK,1/2,UNC,ZP	10
5	31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	6
6	30456	CLAMP, CABLE,3/8"	2
7	31927	ROLLER, 1.9x18-3/8, 7/16 HEX	1



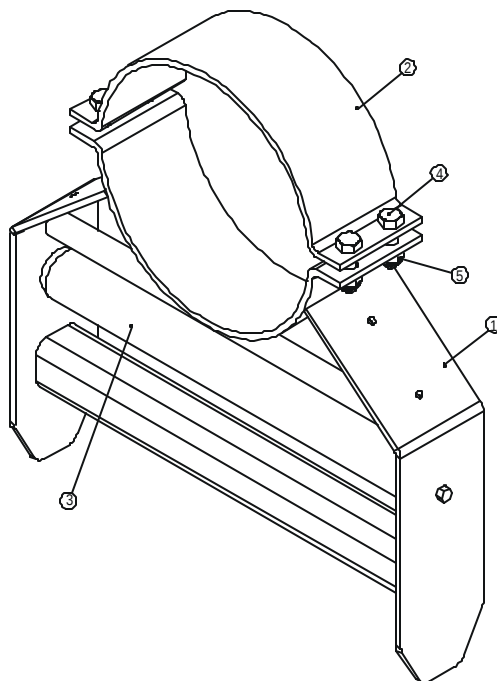
4.6.1.3 Small Pivot Assembly (Part No. 50389)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50372	CLAMP,PIVOT,MAIN	1
2	E5162	CLAMP,PIPE,10X8	1
3	31927	ROLLER, 1.9x18-3/8, 7/16 HEX	1
4	31173	NUT,NYLOCK,1/2,UNC,ZP	8
5	31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	8



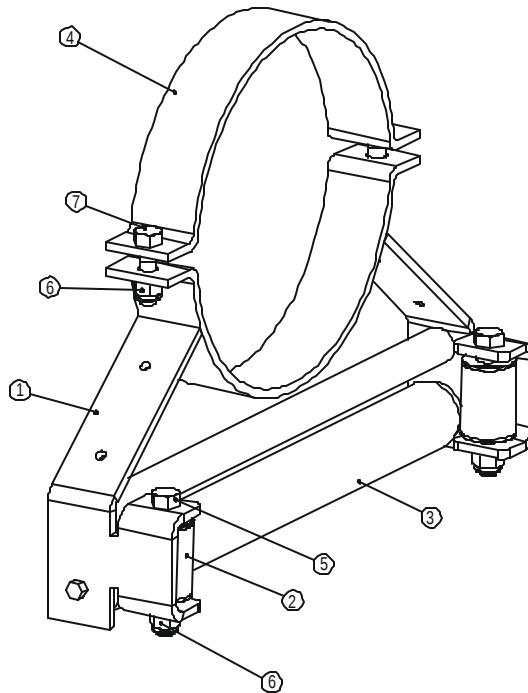
4.6.1.4 Tube Rest Assembly (Part No. 50376)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50375	REST,TUBE,WLDT	1
2	E5163	CLAMP,PIPE,10"X4"	1
3	31927	ROLLER, 1.9x18-3/8, 7/16 HEX	1
4	31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	4
5	31173	NUT,NYLOCK,1/2,UNC,ZP	4



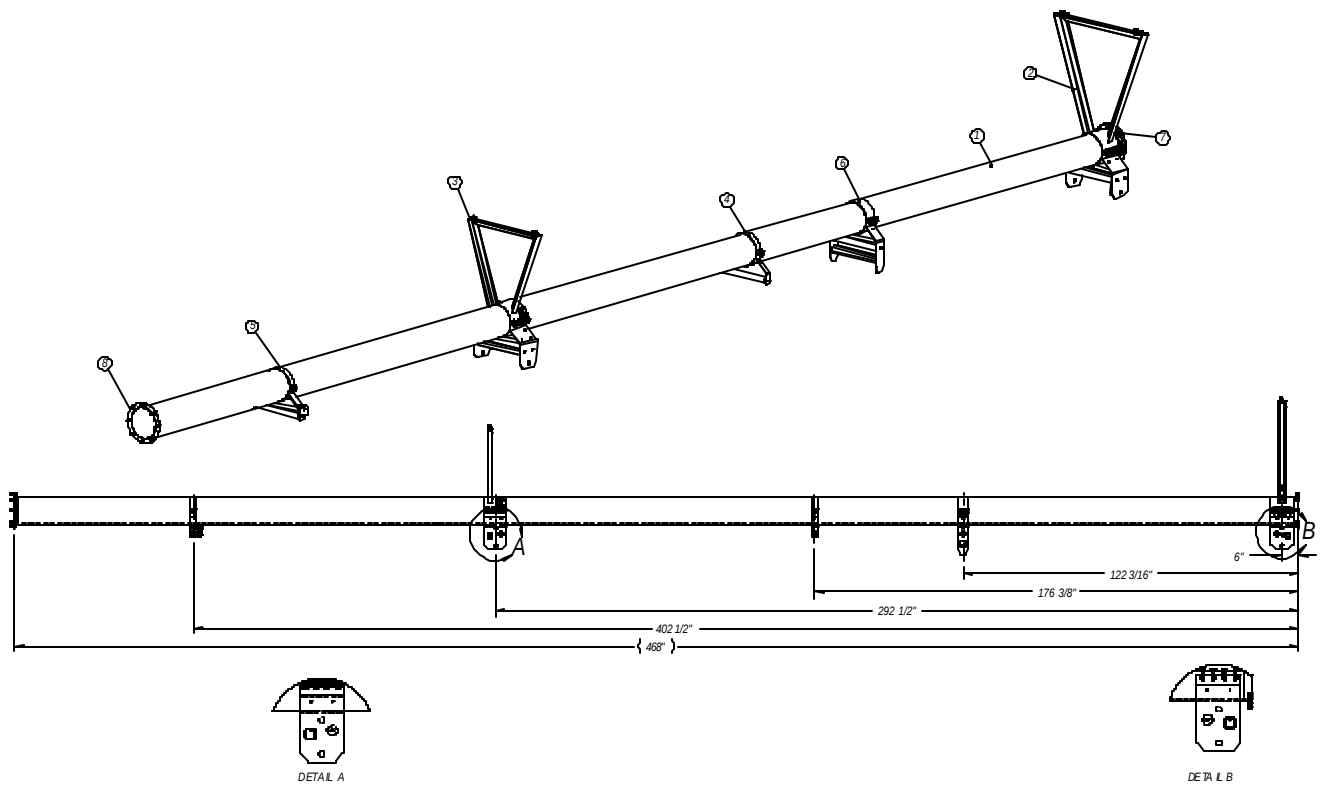
4.6.1.5 Idler Return Assembly (Part No. 50369)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50371	IDLER,RETURN,WLDT,TRAINING	1
2	E5075	ROLLER,IDLER,TRAINING	2
3	31927	ROLLER, 1.9x18-3/8, 7/16 HEX	1
4	E5160	CLAMP,PIPE,10" X 2"	1
5	31025	BOLT,HEX,1/2X3-3/4,UNC,GR5,ZP	2
6	31173	NUT,NYLOCK,1/2,UNC,ZP	4
7	31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	2



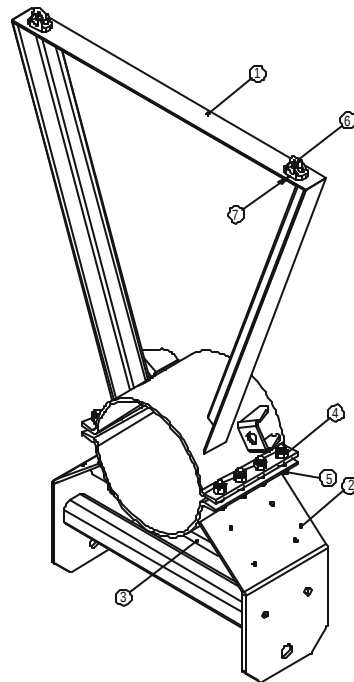
4.6.2 8510 Stage 1 Assembly (Part No. 50383)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50265	STAGE1, WELDMENT	1
2	50374	PIVOT,TRUSS,ASSEMBLY	1
3	50373	PIVOT,SMALL,ASSY	1
4	50253	IDLER,RETURN, ASSEMBLY	1
5	50369	IDLER,RETURN,ASSY, TRAINING	1
6	50376	REST,TUBE,ASSEMBLY	1
7	31179	NUT,NYLOCK,9/16,UNC,ZP	8
8	31704	BOLT,HEX,9/16X1-3/4,UNC,GR5,ZP	8



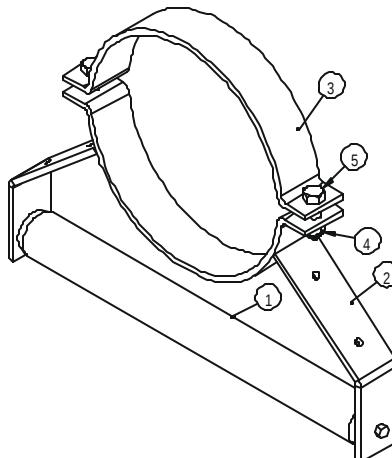
4.6.2.1 Small Pivot Assembly (Part No. 50373)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50277	TRUSS,SMALL,W/CABLE,WLDT	1
2	50372	CLAMP,PIVOT,MAIN	1
3	31927	ROLLER, 1.9x18-3/8, 7/16 HEX	1
4	31173	NUT,NYLOCK,1/2,UNC,ZP	8
5	31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	8
6	30456	CLAMP,CABLE,3/8"	2
7	31176	NUT,NYLOCK,3/8,UNC,ZP	4



4.6.2.2 Idler Return Assembly (Part No. 50253)

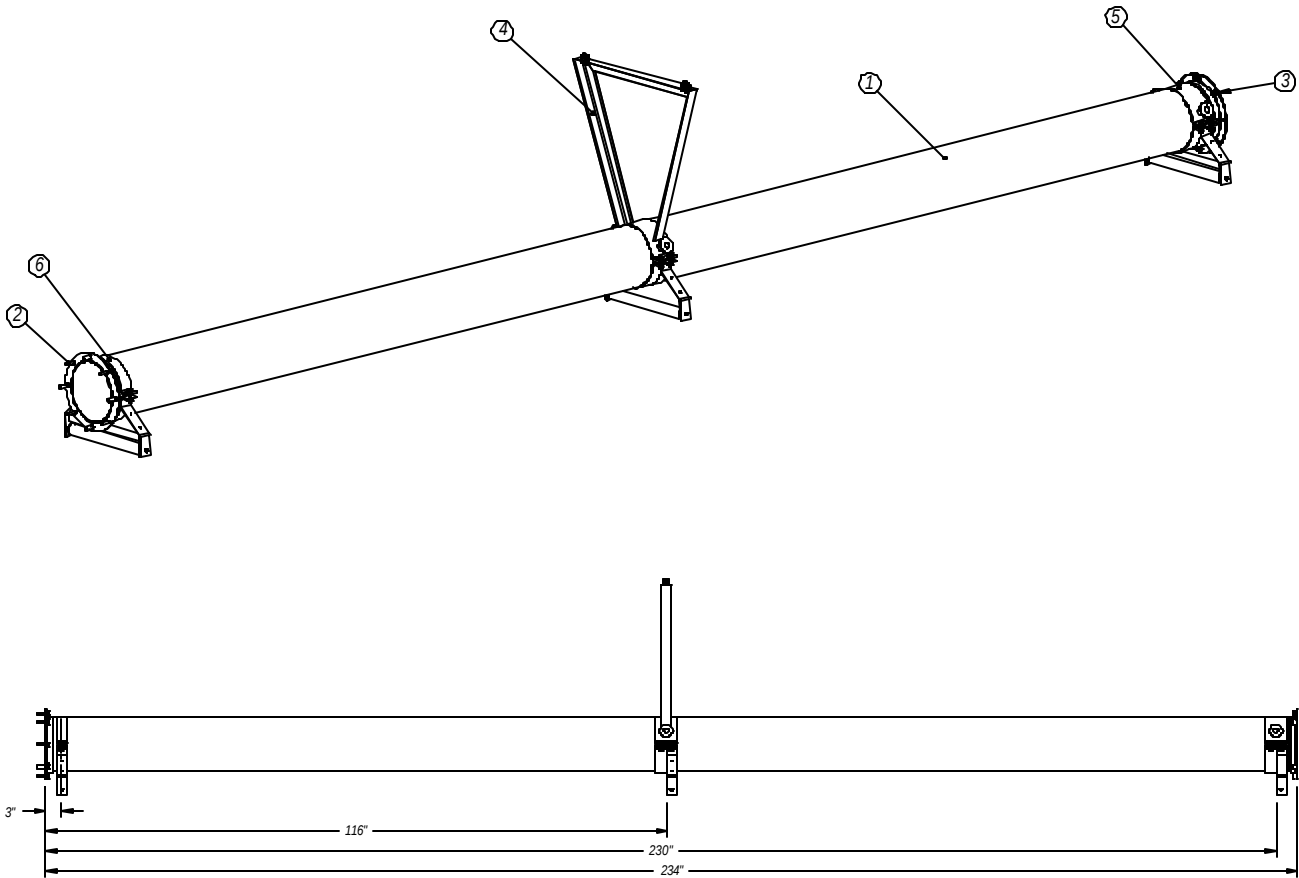
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	31927	ROLLER, 1.9x18-3/8, 7/16 HEX	1
2	50252	CLAMP,IDLER,RETURN	1
3	E5160	CLAMP,PIPE,10" X 2"	1
4	31173	NUT,NYLOCK,1/2,UNC,ZP	2
5	31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	2



4.7 Stage 2 Assembly

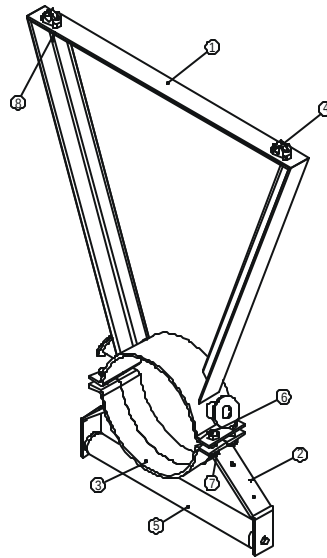
4.7.1 6510 Stage 2 Assembly (Part No. 50384)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50316	STAGE2,WLDT,65'	1
2	31704	BOLT,HEX,9/16X1-3/4,UNC,GR5,ZP	8
3	31179	NUT,NYLOCK,9/16,UNC,ZP	6
4	50378	TRUSS&ANCHOR,IDLER, ASSY	1
5	50377	ANCHOR,IDLER,ASSY	1
6	50341	IDLER,RETURN,ASSY,DBL	1



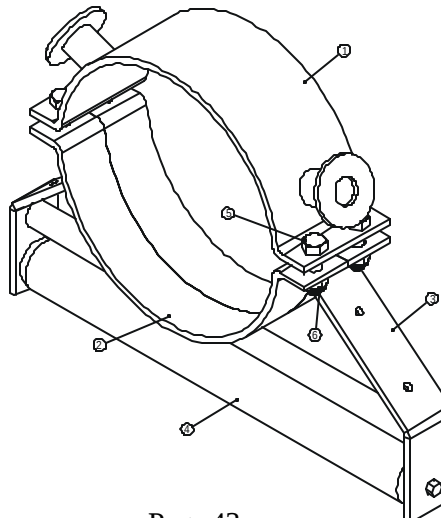
4.7.1.1 Truss and Anchor Idler Assembly (Part No. 50378)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50250	TRUSS,SMALL,W/ANCHOR	1
2	50252	CLAMP,IDLER,RETURN	1
3	E5160	CLAMP,PIPE,10" X 2"	1
4	30456	CLAMP,CABLE,3/8"	2
5	31927	ROLLER, 1.9x18-3/8, 7/16 HEX	1
6	31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	4
7	31173	NUT,NYLOCK,1/2,UNC,ZP	4
8	31176	NUT,NYLOCK,3/8,UNC,ZP	4



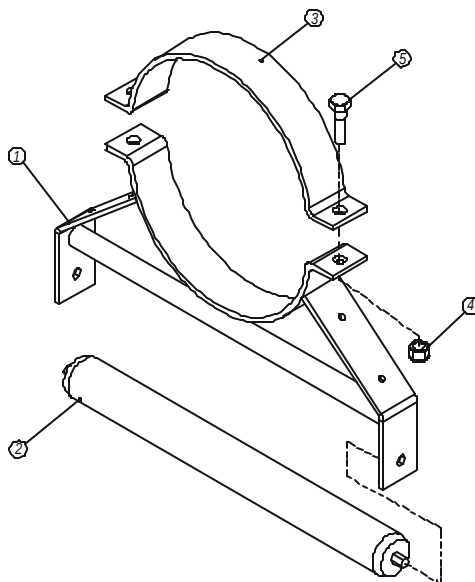
4.7.1.2 Anchor Idler Assembly (Part No. 50377)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50251	CLAMP,CABLE,ANCHOR	1
2	E5160	CLAMP,PIPE,10" X 2"	1
3	50334	CLAMP,IDLER,WLDT,DBL	1
4	31927	ROLLER, 1.9x18-3/8, 7/16 HEX	1
5	31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	4
6	31173	NUT,NYLOCK,1/2,UNC,ZP	4



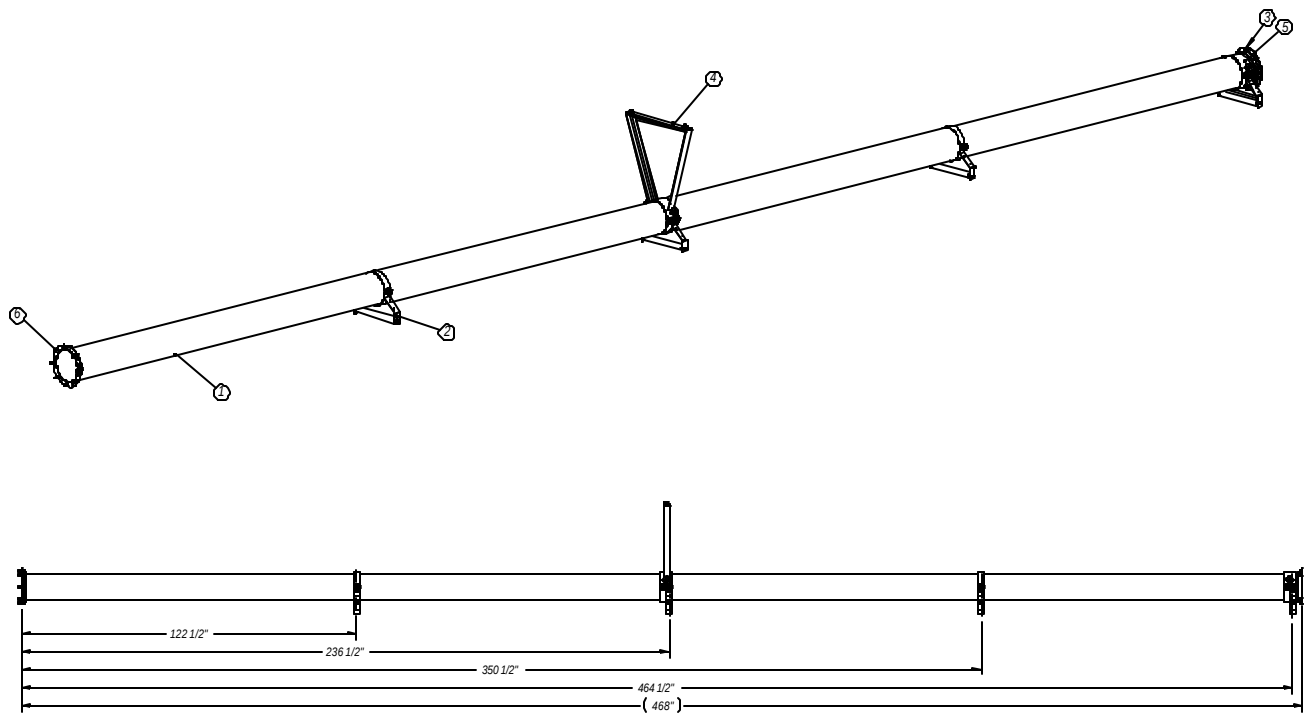
4.7.1.3 Double Idler Return Assembly (Part No. 50341)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50334	CLAMP,IDLER,WLDT,DBL	1
2	31927	ROLLER, 1.9x18-3/8, 7/16 HEX	1
3	E5160	CLAMP,PIPE,10" X 2"	1
4	31173	NUT,NYLOCK,1/2,UNC,ZP	2
5	31017	BOLT,HEX,1/2X1-3/4,UNC,G R5,ZP	2



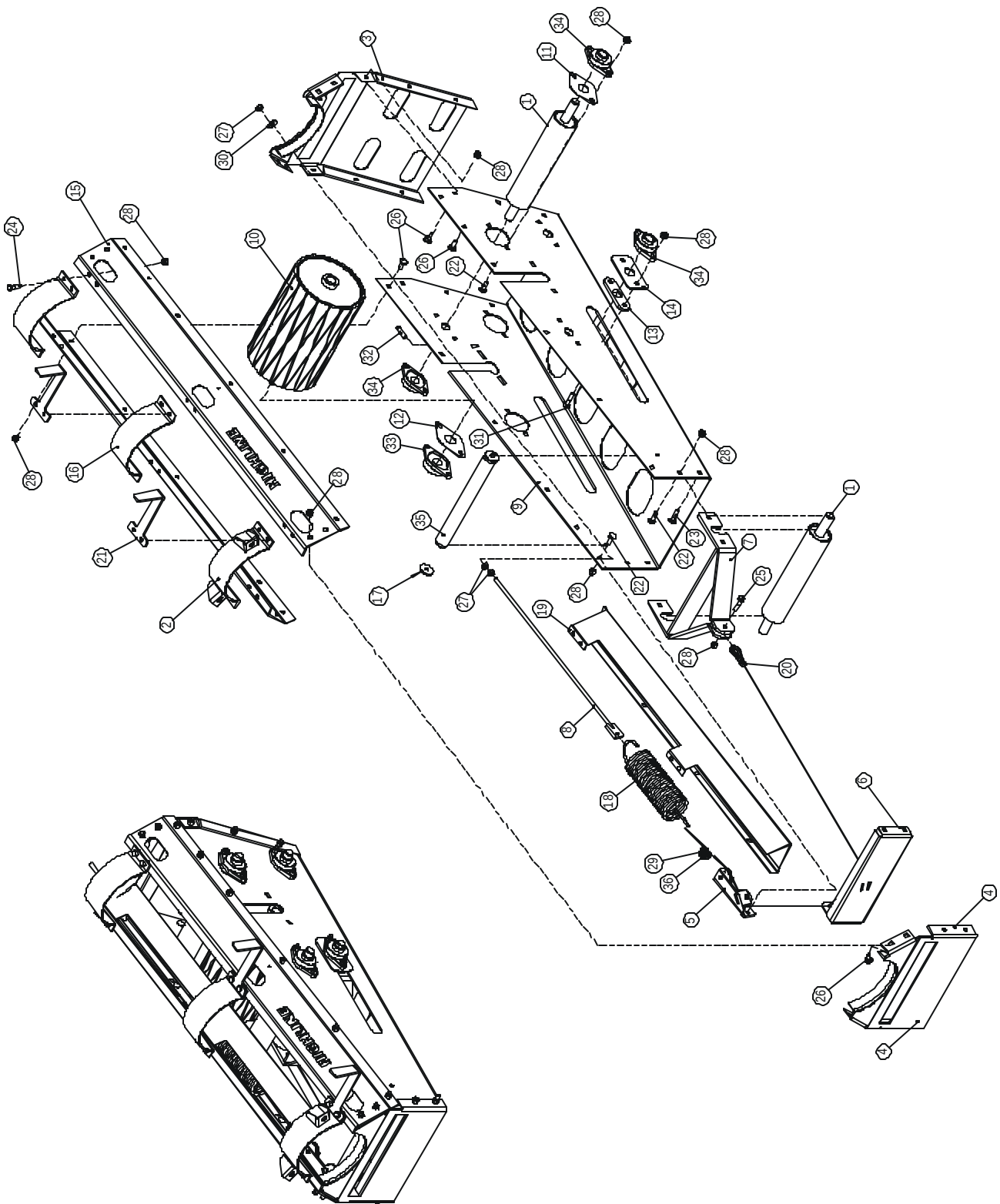
4.7.2 8510 Stage 2 Assembly (Part No. 50382)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50265	STAGE1, WELDMENT	1
2	50253	IDLER, RETURN, ASSEMBLY	2
3	31179	NUT, NYLOCK, 9/16, UNC, ZP	6
4	50378	TRUSS & ANCHOR, IDLER, ASSY	1
5	50377	ANCHOR, IDLER, ASSY	1
6	31704	BOLT, HEX, 9/16X1-3/4, UNC, GR5, ZP	8



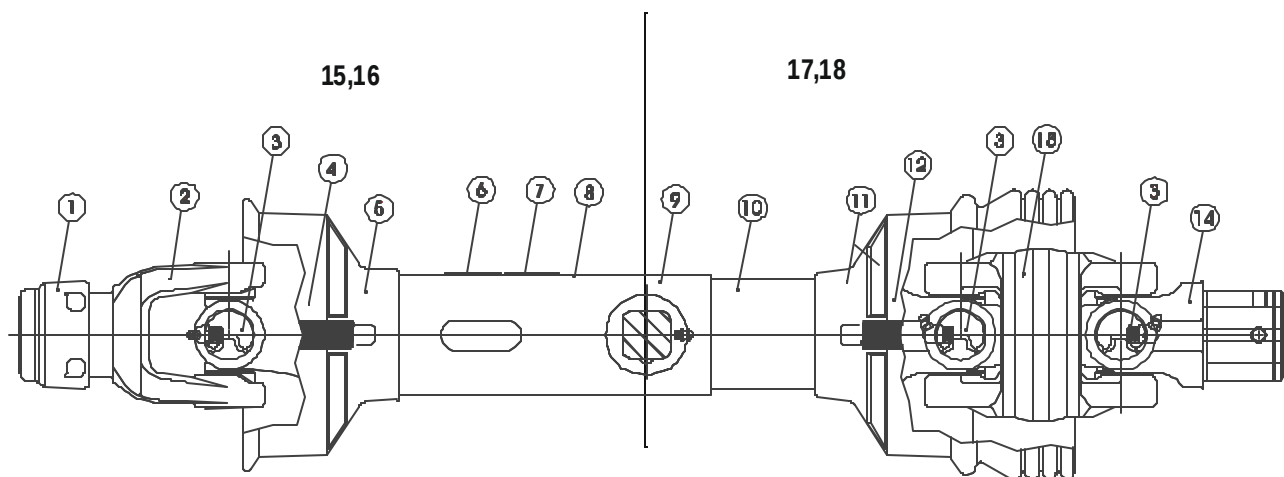
4.8 Drive Assembly (Part No. 50518)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50106	ROLLER,3-1/2	4
2	50263	CLAMP,CABLE,EYEBOLT	1
3	50287	COVER,REAR,WLDT	1
4	50288	COVER,FRONT,WLDT	1
5	50344	BRKT,TENSIONER,SIDE,ASSY	1
6	50346	BRKT,TENSIONER,BOTTOM,ASSY	1
7	50349	TAKE-UP,WLDT,SHORT	1
8	50350	ROD,TENSIONER,WLDT	1
9	50357	PAN,DRIVE,WLDT	1
10	50379	ROLLER,DRIVE,GBOX,VULCANIZED	1
11	E4104	PLATE,RETAINING,BEARING	3
12	E4227	PLATE,SPACER,ROLLER,DRIVE	1
13	E5112	SPACER,DRIVE,PAN	2
14	E5113	PLATE,TAKE-UP,OUTSIDE	2
15	E5114	COVER,DRIVE	2
16	E5163	CLAMP,PIPE,10"X4"	2
17	E5172	WASHER,IDLER,RETURN	2
18	E5477	SPRING,EXT,3-3/4X16.249	1
19	E5483	PAN,DRIVE,TENSIONER	1
20	E5494	CABLE,TENSIONER	1
21	E5821	BRACKET,HOSEHOLDER	2
22	31008	BOLT,CARR,1/2X1-1/2,UNC,GR5,ZP	18
23	31009	BOLT,CARR,1/2X2,UNC,GR5,ZP	2
24	31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	12
25	31070	BOLT,HEX,1/2X2,UNC,GR5,ZP	1
26	31154	BOLT,CARR,1/2X1-1/4,UNC,GR5,ZP	24
27	31163	NUT,HEX,1/2,UNC,GR5,ZP	3
28	31173	NUT,NY LOCK,1/2,UNC,ZP	61
29	31177	NUT,NY LOCK,5/16,UNC,ZP	4
30	31236	WASHER,FLAT,1/2,ZP	1
31	31431	BOLT,CARR,1/2X2-1/4,UNC,GR5,ZP	4
32	31566	BOLT,SQRHEAD,7/16UNCx2",Gr.5,ZP	1
33	31929	BEARING,FLANGE,1-3/8	1
34	31930	BEARING,ROUND,1-1/4",EL	8
35	31932	ROLLER, 1.9x17-1/8, 7/16 HEX	1
36	92014	CLAMP,CABLE,1/4	2



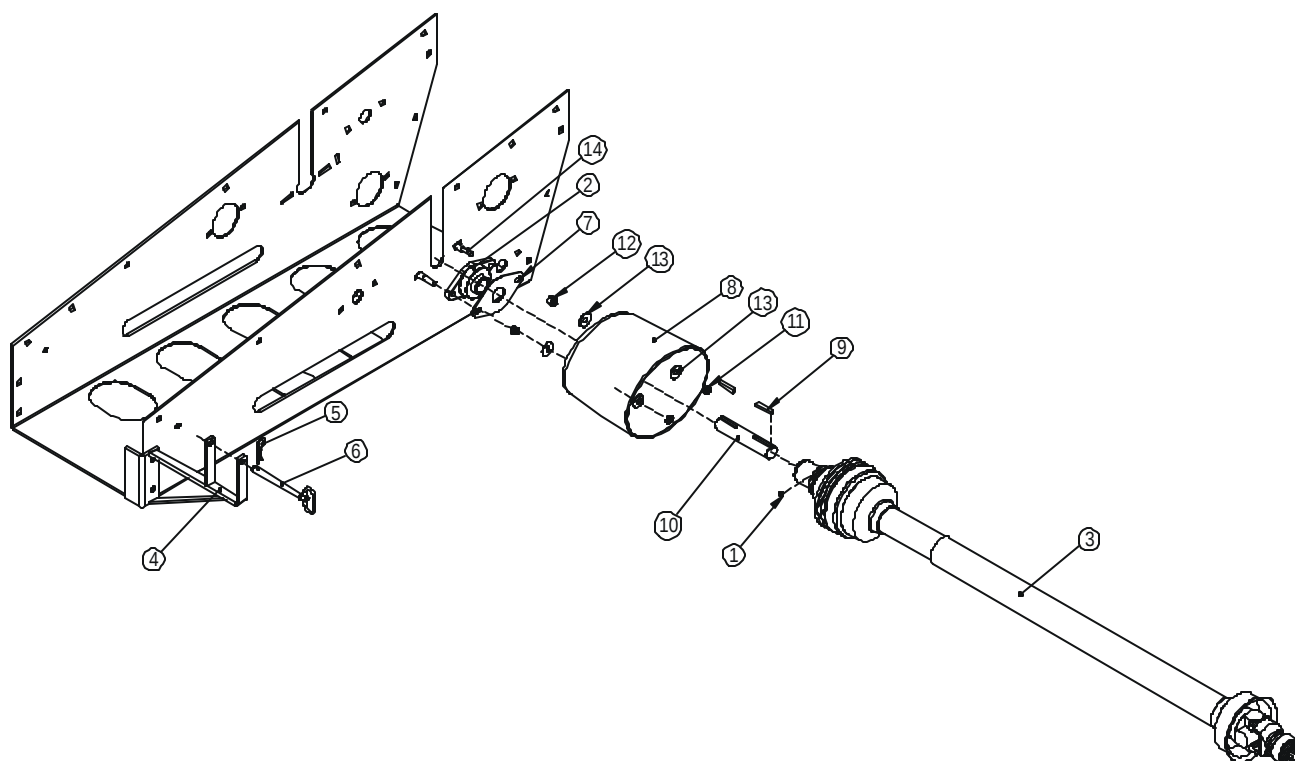
4.9 Drive Line Assembly (Part No. 31964)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30352	KIT,REPAIR,LOCK,AUTO	1
2	30499	DRV,DL,YOKE,1/2,540RPM	1
3	30365	DRV,DL,U-LOINT,CROSS&BEARING,35R	3
4	33055	DRV,DL,YOKE&SHAFT	1
5	30616	DRV,DL,KIT,REPAIR,R	1
6	30359	SIGN,SAFETY	1
7	33059	DRV,DL,SIGN,SAFETY,540RPM	1
8	33057	DRV,DL,GUARD,OUTER	1
9	33058	DRV,DL,GUARD,INNER	1
10	30363	DRV,DL,SIGN,SAFETY	1
11	33060	DRV,DL,REPAIR_KIT,NYLON	1
12	33061	DRV,DL,YOKE,TUBE&SLIPSLEEVE	1
13	33062	DRV,DL,HOUSING,CENTER	1
14	33063	DRV,DL,YOKE	1
15	33051	DRV,DL,ASSY,JOINT&SHAFT,W/GUARD	1
16	33052	DRV,DL,ASSY,JOINT&SHAFT	1
17	33053	DRV,DL,ASSY,JOINT&SHAFT,W/GUARD	1
18	33054	DRV,DL,ASSY,JOINT&SHAFT	1



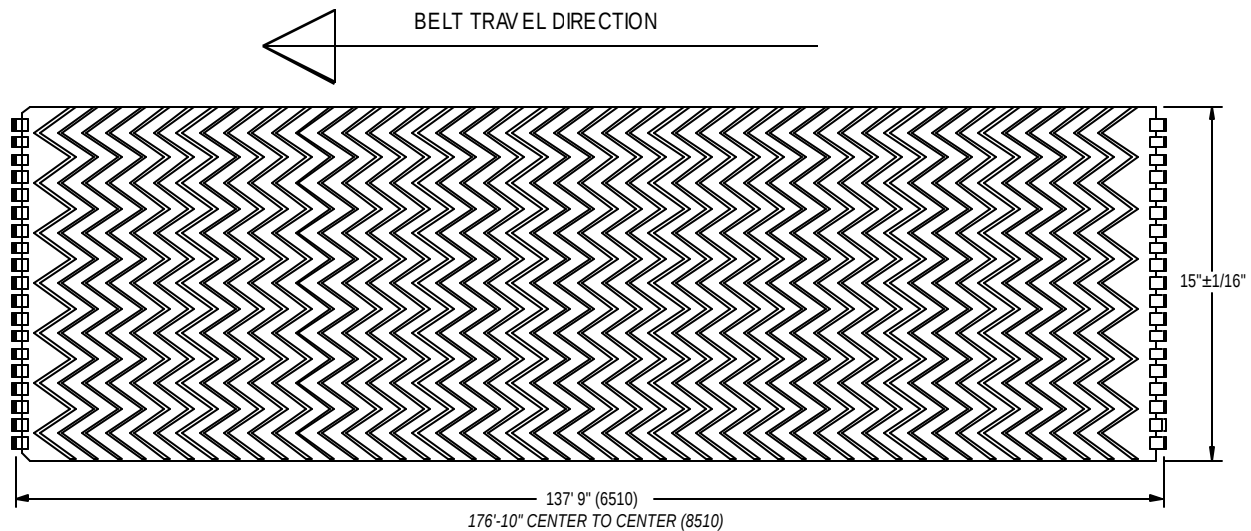
4.10 Side Drive Assembly (Part No. 50529)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30037	SETSCREW,3/8UNCX3/8	2
2	31929	BEARING,FLANGE,1-3/8	1
3	31964	DRV,DL,CV,35R,CAT4,50,R	1
4	50309	BRKT,PTO,WLDT	1
5	91608	PIN, HAIR, 1/8x2-9/16	1
6	92209	PIN,HITCH,1/2X5	1
7	E4227	PLATE,SPA CER,ROLLER,DRIVE	1
8	E5200	GUARD,DIRECT,DRIVE	1
9	E5215	KEY,5/16X2	2
10	E6272	DRV,SHAFT,1-3/8X7,KEYED	1
11	30611	NUT,NYLOCK,JAM,1/2,UNC,ZP	2
12	31173	NUT,NYLOCK,1/2,UNC,ZP	2
13	31236	WASHER,FLAT,1/2,ZP	4
14	31431	BOLT,CARR,1/2X2-1/4,UNC,GR5,ZP	2



4.11 Belting (Part No. E5447(6510) and Part No. E5445(8510))

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30640	KIT,LACE,SSRS125,15,PIN,WASHER	1
2	30641	LACE,SSRS125,15"	1
3	30642	LACE,PIN,NC-1,100'	1
4	30643	LACE,PIN,WASHER,50	1
5	30644	LACE,SPLICETOOL,RS125,4"	1
6	33020	BELT,15",REPLACEMENT,1'	1

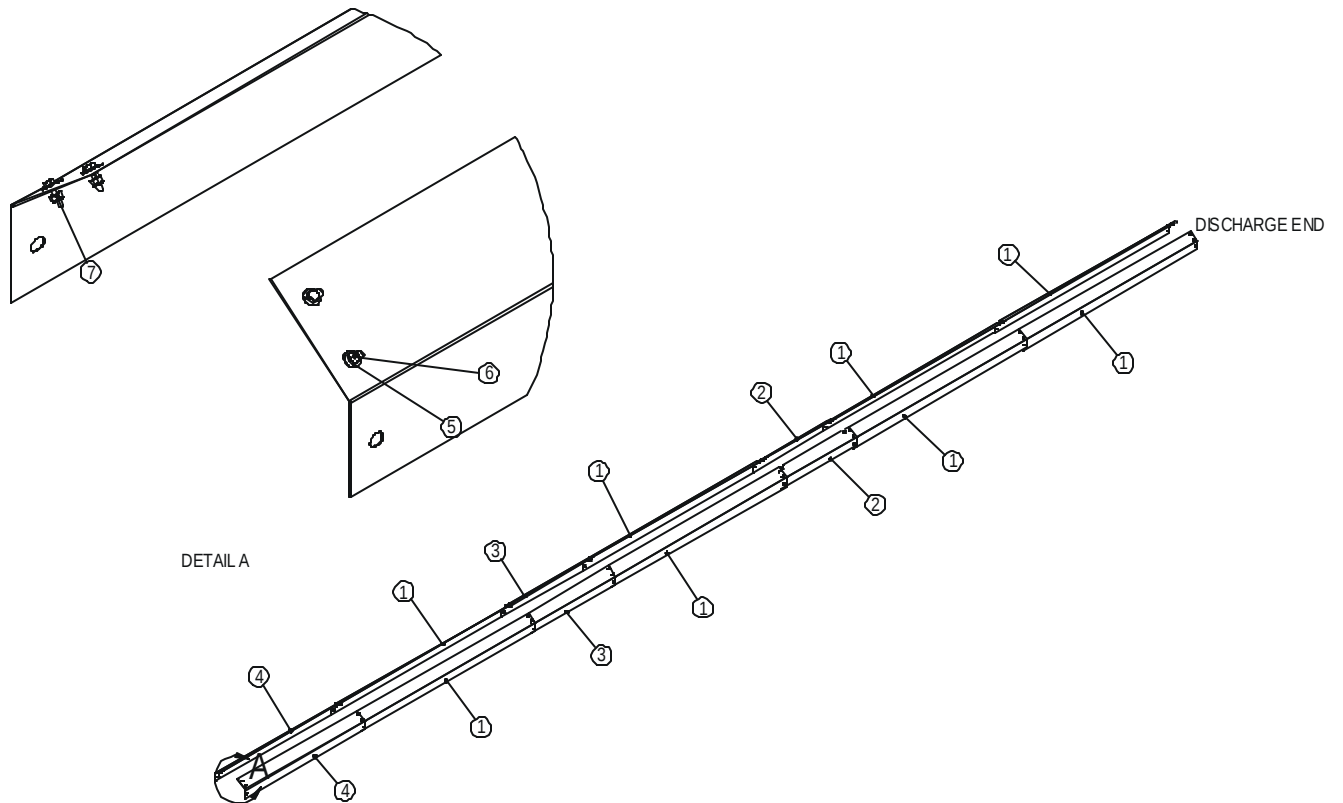


Note: Belt travel direction is determined by the location of the chamfer on the corners of the belt. Leaving the trailing end of the belt without a chamfer will help protect the lacing and retaining washers.

4.12 Skirt Assemblies

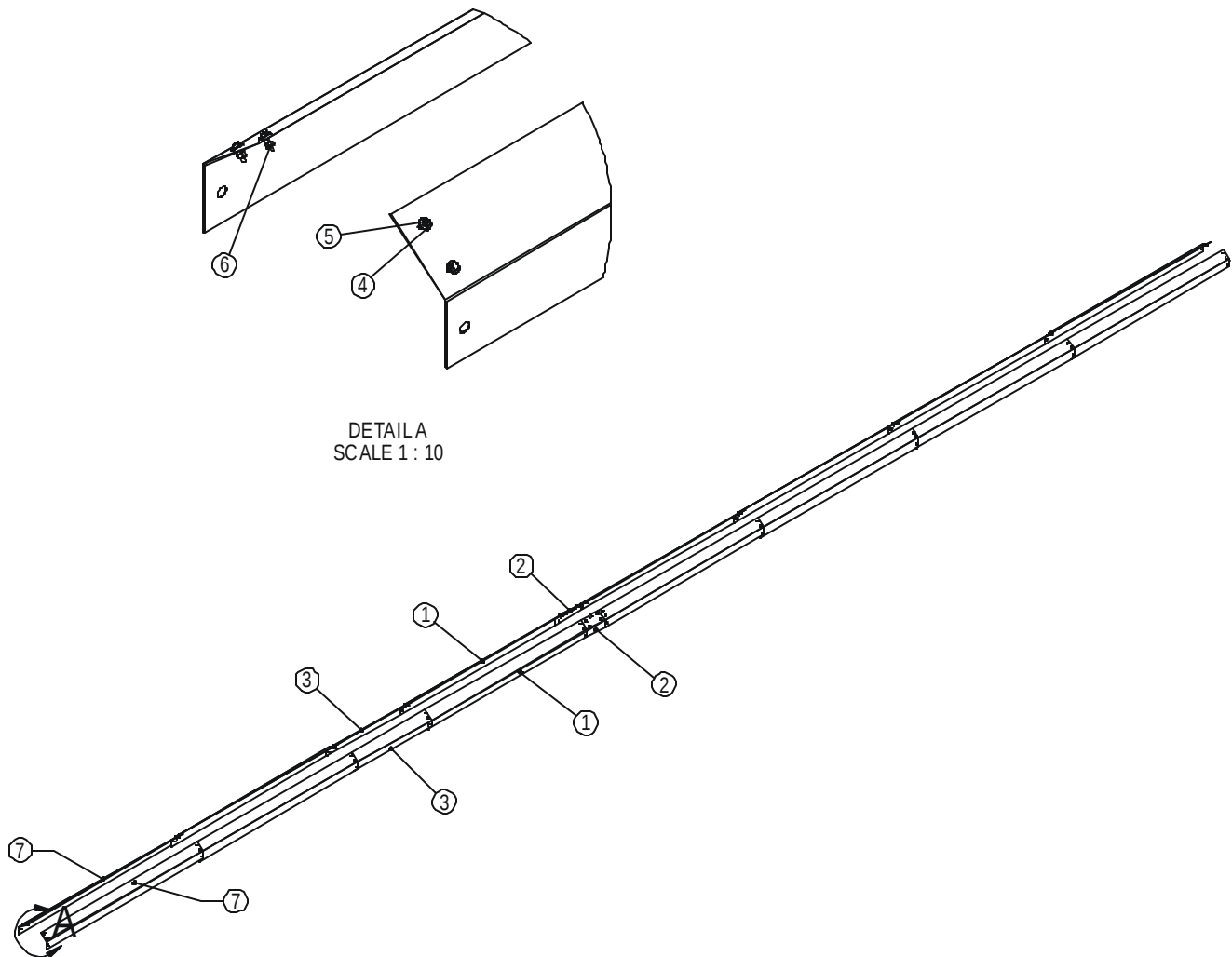
4.12.1 6510 Skirt Assembly (Part No. 50390)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	E5452	SKIRT,STEEL,LONG	8
2	E5158	SKIRT,STEEL,65',MID	2
3	E5478	SKIRT,STEEL,STAGE1	2
4	E5157	SKIRT,STEEL,65'	2
5	31237	WASHER,FLAT,1/4,ZP	32
6	31029	BOLT,HEX,1/4X1,UNC,GR5,ZP	32
7	31174	NUT,NYLOCK,1/4,UNC,ZP	32



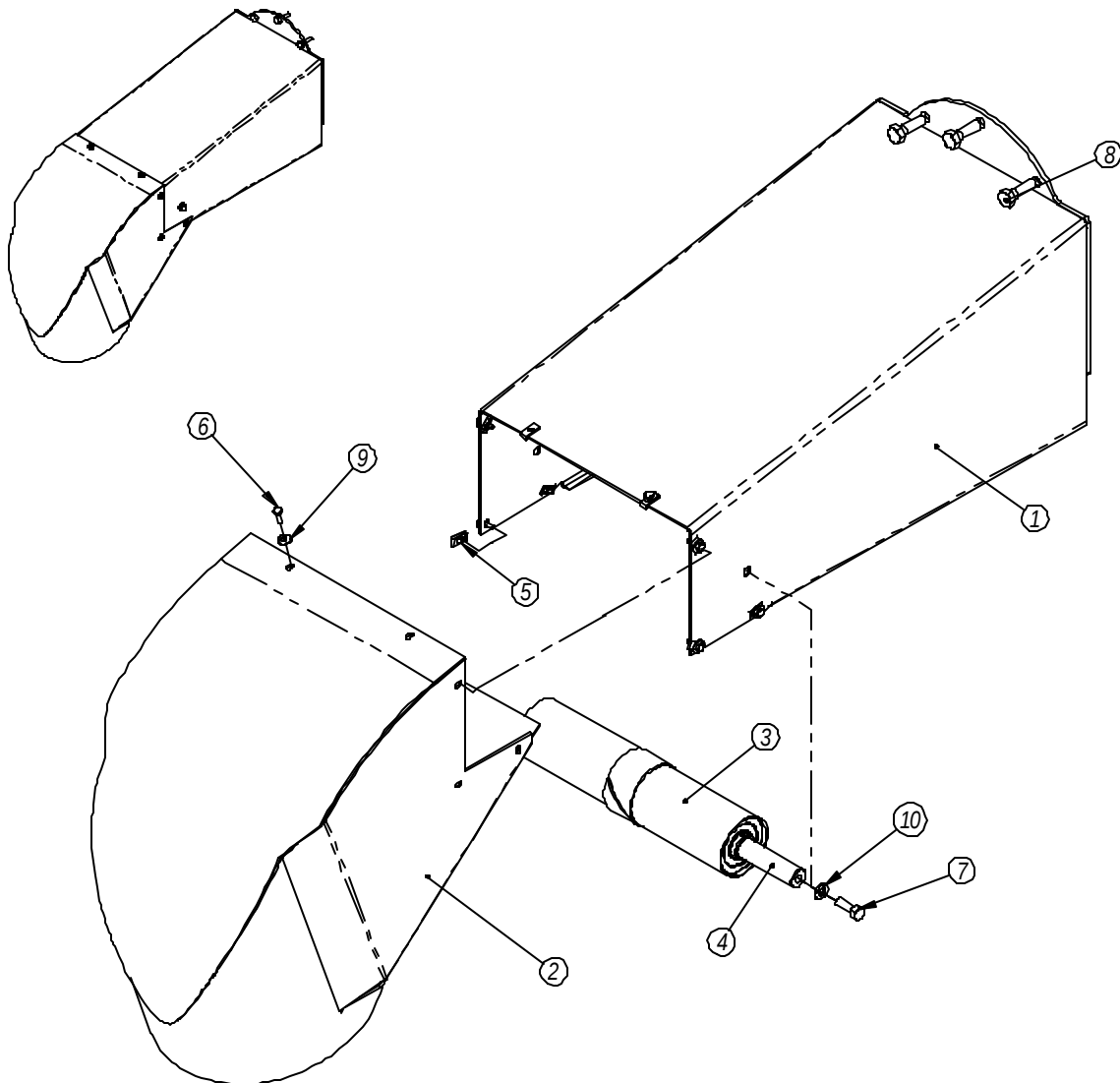
4.12.2 8510 Skirt Assembly (Part No. 50393)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	E5452	SKIRT,STEEL,LONG	12
2	E5156	BRKT,SKIRT	2
3	E5478	SKIRT,STEEL,STAGE1	2
4	31237	WASHER,FLAT,1/4,ZP	48
5	31029	BOLT,HEX,1/4X1,UNC,GR5,ZP	48
6	31174	NUT,NYLOCK,1/4,UNC,ZP	48
7	E3267	SKIRT,STEEL,STAGE1,LOWER	2



4.13 Discharge Assembly (Part No. 50564)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50562	WLDT,DISCHARGE,TRANSITION	1
2	50563	WLDT,DISCHARGE,HOOD	1
3	50561	ASSY, ROLLER,DISCHARGE	1
4	E7052	SHAFT,ROLLER,IDLER	1
5	31593	CLIP,AUTOMOTIVE,1/4,GR5,ZP	8
6	31033	BOLT,HEX,1/4X3/4,UNC,GR5,ZP	8
7	31332	BOLT,HEX,1/2X1-1/4,UNC,GR5,ZP	2
8	31704	BOLT,HEX,9/16X1-3/4,UNC,GR5,ZP	6
9	31237	WASHER,FLAT,1/4,ZP	8
10	31244	WASHER,LOCK,1/2,ZP	2



4.14 Wire Rope Assemblies

4.14.1 Short Wire Rope Assemblies

6510 (Part No. 50392)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	E5204	ROPE,WIRE,SHORT,65',RD	1
2	30456	CLAMP,CABLE,3/8"	2
3	31238	WASHER,FLAT,3/4,ZP	1
4	31246	WASHER,LOCK,3/4,ZP	1
5	31167	NUT,HEX,3/4,UNC,GR5,ZP	1
6	31176	NUT,NYLOCK,3/8,UNC,ZP	4

8510 (Part No. 50394)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	E5206	ROPE,WIRE,SHORT,85',RD	1
2	30456	CLAMP,CABLE,3/8"	2
3	31238	WASHER,FLAT,3/4,ZP	1
4	31246	WASHER,LOCK,3/4,ZP	1
5	31167	NUT,HEX,3/4,UNC,GR5,ZP	1
6	31176	NUT,NYLOCK,3/8,UNC,ZP	4

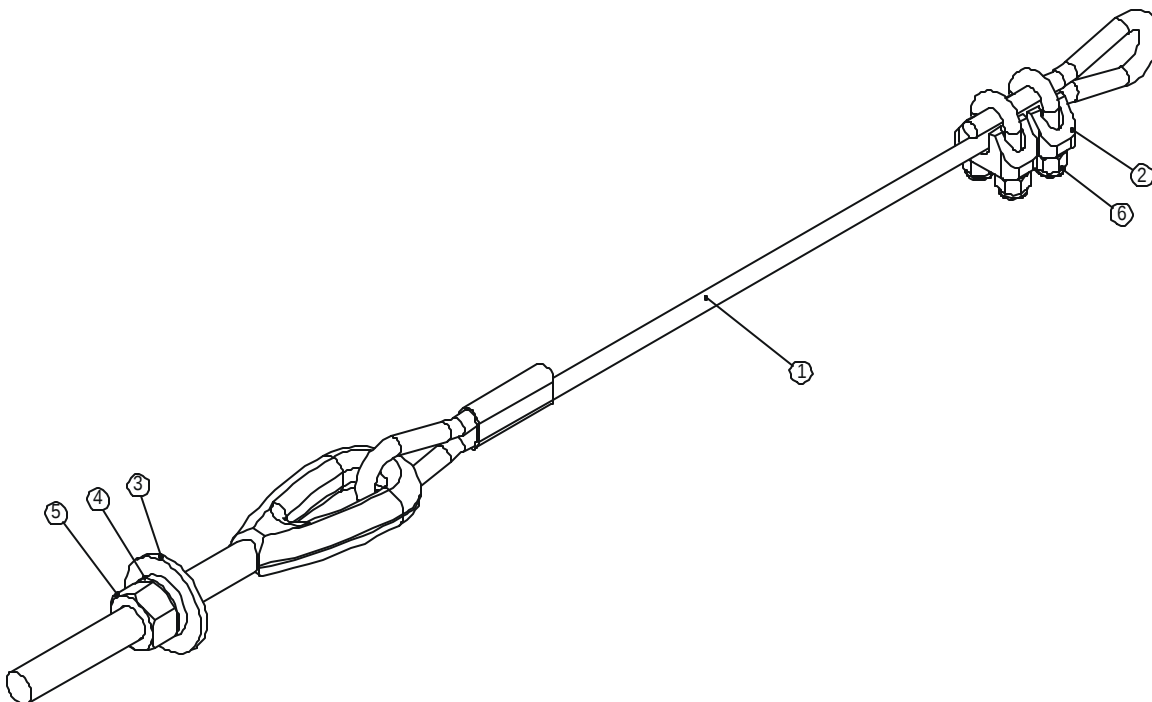
4.14.2 Long Wire Rope Assemblies

6510 (Part No. 50391)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	E5205	ROPE,WIRE,LONG,65',RD	1
2	30456	CLAMP,CABLE,3/8"	2
3	31238	WASHER,FLAT,3/4,ZP	1
4	31246	WASHER,LOCK,3/4,ZP	1
5	31167	NUT,HEX,3/4,UNC,GR5,ZP	1
6	31176	NUT,NYLOCK,3/8,UNC,ZP	4

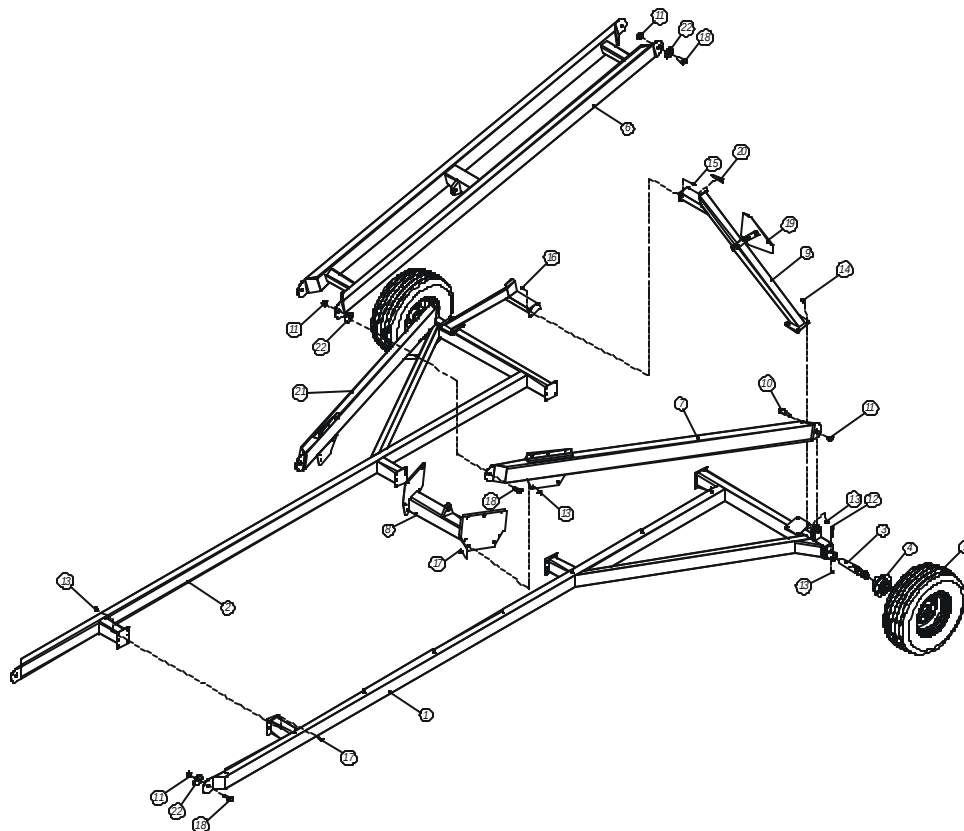
8510 (Part No. 50395)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	E5209	ROPE,WIRE,LONG,85',RD	1
2	30456	CLAMP,CABLE,3/8"	2
3	31238	WASHER,FLAT,3/4,ZP	1
4	31246	WASHER,LOCK,3/4,ZP	1
5	31167	NUT,HEX,3/4,UNC,GR5,ZP	1
6	31176	NUT,NYLOCK,3/8,UNC,ZP	4



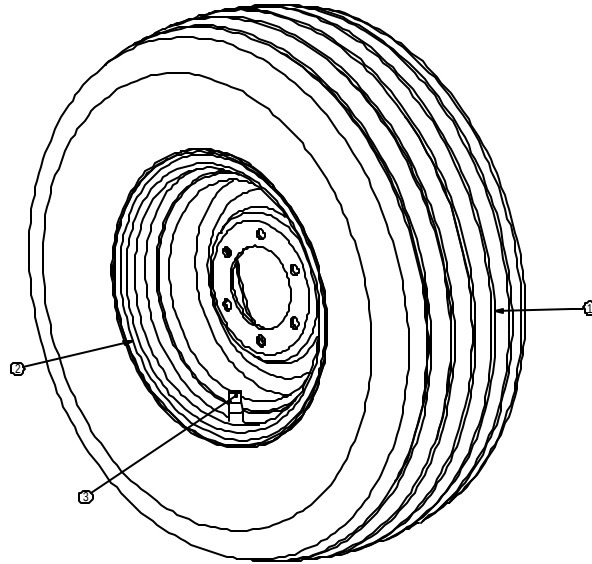
4.15 Frame & Suspension Assembly (Part No. 50272)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50270	AXLE,WELDMENT,RIGHT	1
2	50271	AXLE,WELDMENT,LEFT	1
3	E4187	SUSP,SPINDLE,S614	2
4	45228	SUSP,HUB,H614,5000LBS	2
5	49089	WHEEL,COMPLETE,BP, OFF-WHITE	2
6	50273	SUPPORT,FRAME,UPPER,WLDT	1
7	50286	SUPPORT,FRAME,LOWER,WLDT,L	1
8	50275	SUPPORT,FRAME,MIDDLE,WLDT	1
9	50276	FRAME,REST,WELDMENT	2
10	31449	BOLT,HEX,1X3-1/2,UNC,GR8,ZP	2
11	31172	NUT,NYLOCK,1,UNC,ZP	8
12	31024	BOLT,HEX,1/2X3-1/2,UNC,GR8,ZP	2
13	31173	NUT,NYLOCK,1/2,UNC,ZP	42
14	31332	BOLT,HEX,1/2X1-1/4,UNC,GR5,ZP	8
15	31043	BOLT,HEX,3/8X1,UNC,GR5,ZP	4
16	31176	NUT,NYLOCK,3/8,UNC,ZP	4
17	31016	BOLT,HEX,1/2X1-1/2,UNC,GR5,ZP	32
18	31470	BOLT,HEX,1X2-1/2,UNC,GR5,ZP	6
19	50310	SIGN,SMV,COMPLETE	1
20	50284	KIT,SERIAL NUMBER	1
21	50274	SUPPORT,FRAME,LOWER,WLDT,R	1
22	E5416	SPACER,FRAME,SUPPORT,UPPER	6

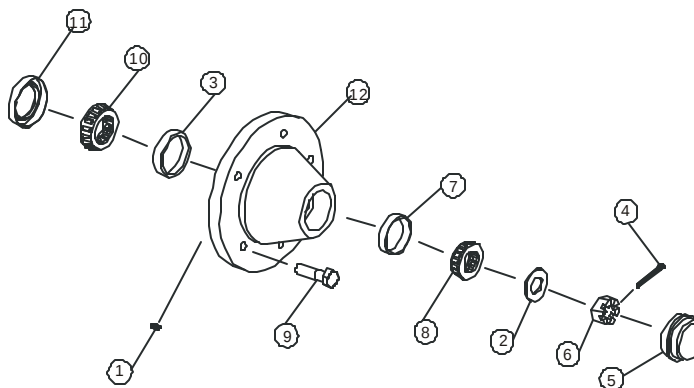


4.15.1 Wheel Assembly (Part No. 49089)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	45222	SUSP, TIRE,11LX15FI,6PLY	1
2	45223	SUSP, WHEEL,15X9LB,1.12OFF,6	1
3	91048	SUSP, STEM,VALVE,TR801HP	1

**4.15.2 Hub Assembly (Part No. 45228)**

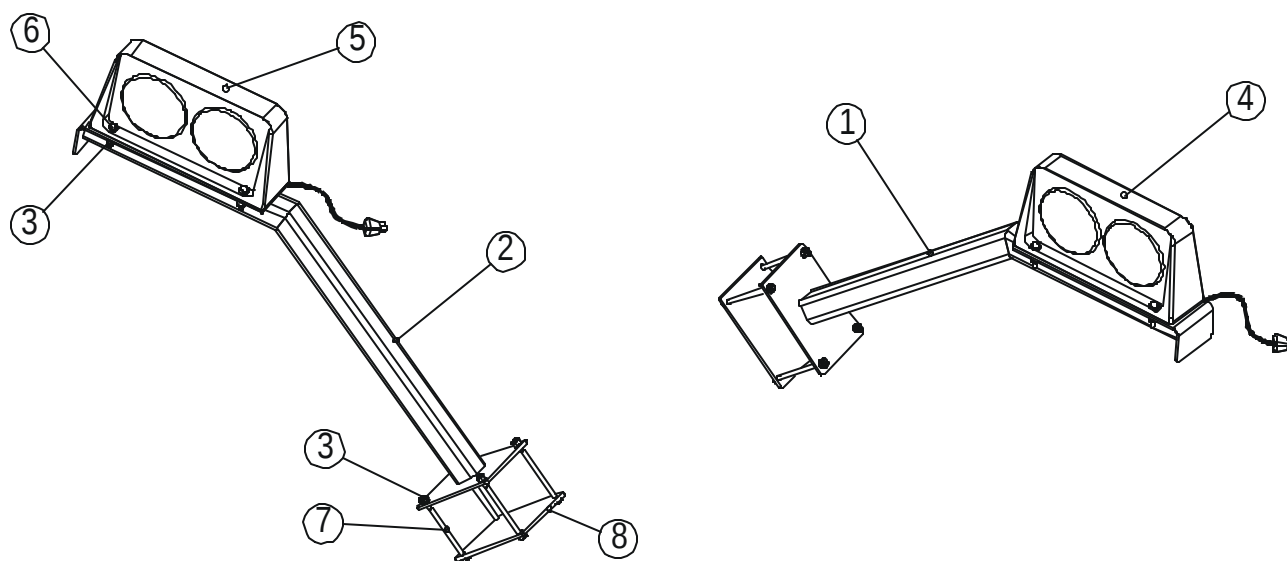
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30207	ZERK,1/4-28,STRAIGHT	1
2	30223	WASHER,FLAT,1IDX2ODX.2385	1
3	30226	DRV,BRG,RACE,INNER,1.781	1
4	31183	PIN,COTTER,3/16X2	1
5	32296	CAP,DUST	1
6	32297	NUT,SLOTTED,1-14,UNF	1
7	32299	BRG,RACE,OUTER	1
8	32300	BEAR ING,OUTER	1
9	32301	SUSP, BOLT,WHEEL,9/16X1-1/4	6
10	32305	BEAR ING,INNER	1
11	32306	SEAL,GREASE	1
12	32312	HUB,H614	1



4.16 Light Kit Assembly (Part No. 50313)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50300	LEG WLDT,L,LIGHT	1
2	50299	LEG WLDT,R,LIGHT	1
3	31174	NUT,NYLOCK,1/4,UNC,ZP	16
4	30526	ELEC,LIGHT,RED&AMBER,LEFT	1
5	30527	ELEC,LIGHT,RED&AMBER,RIGHT	1
6	31581	BOLT,HEX,1/4X1-1/4,UNC,GR5,ZP	8
7	31587	BOLT,HEX,1/4X4,UNC,GR5,ZP	8
8	E5135	PLATE,LIGHT-KIT,BASE	2
9	50304 *	ELEC_HARNESS,LIGHT,ACC	1

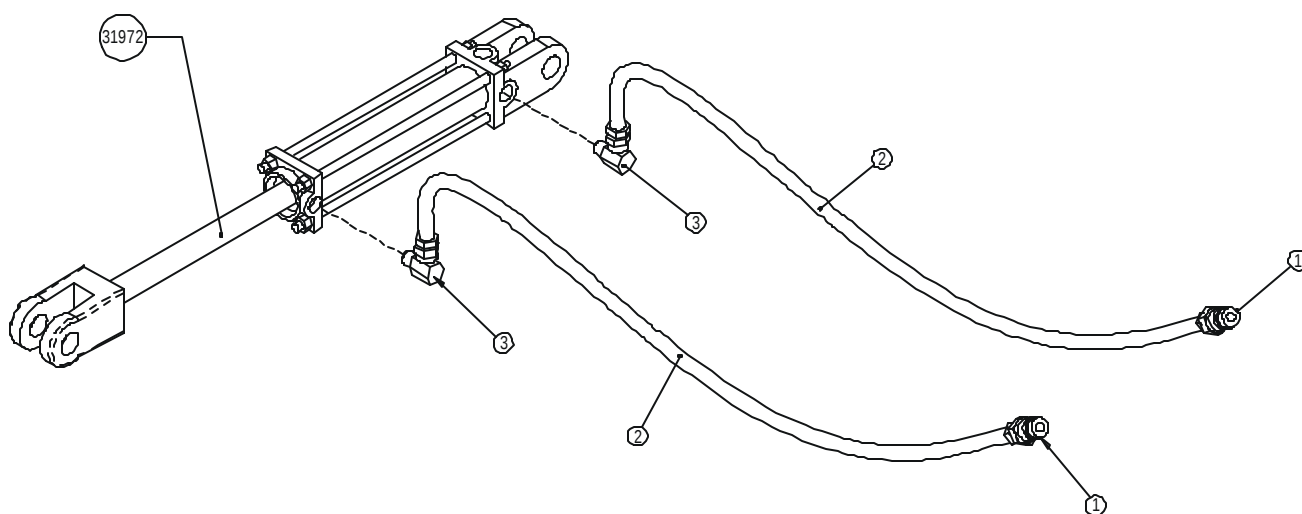
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5.0 Hydraulic Parts Information

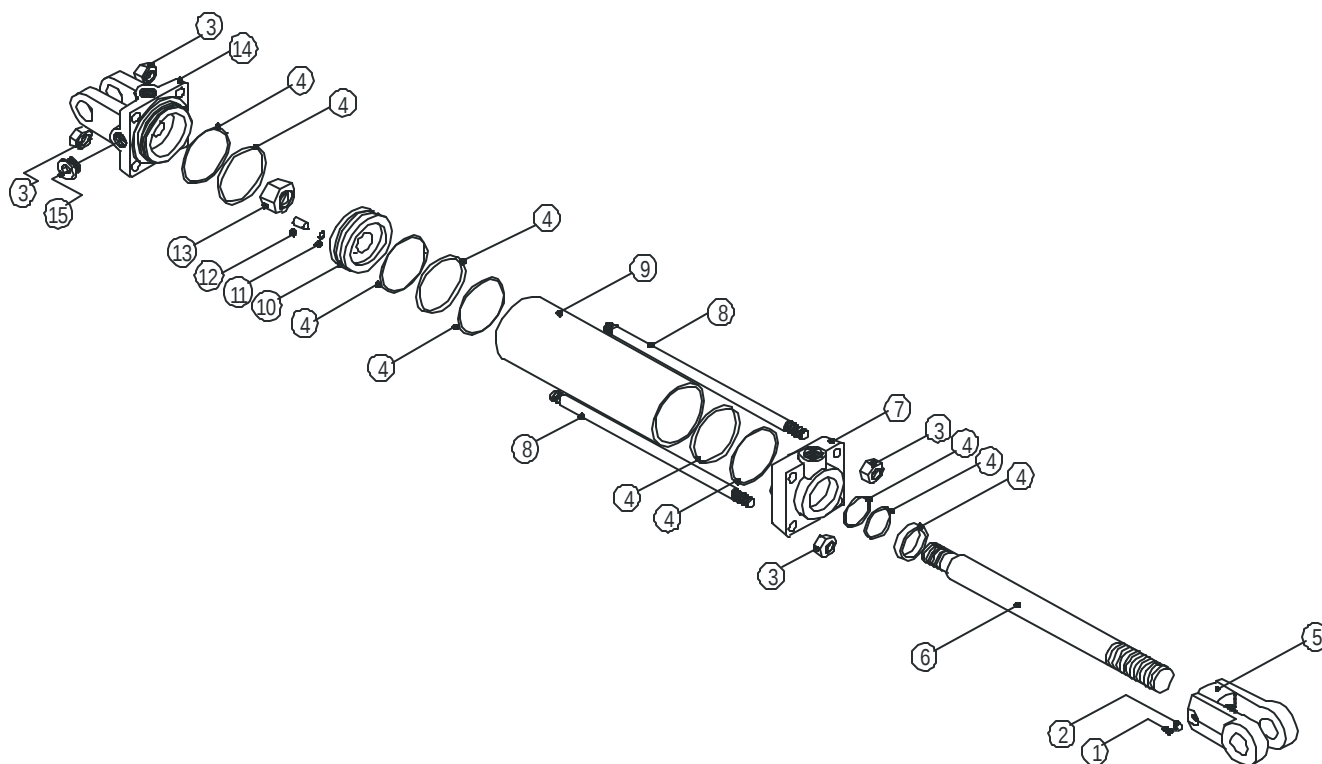
5.1 Hydraulic Hose Assembly (Part No. 50517)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30209	HYD,FIT,PIONEER,MALE,8FP	2
2	30515	HYD,HOSE,3/8X96,6MP-8MP	2
3	33175	HYD,FIT,ORIFICE,1/32,6MP-6FPX90	2



5.2 2.5x8 Cylinder (Part No. 31972)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30239	SET SCREW, SOCKET, 3/8X1/2KNUR	1
2	30261	LOCK, THREAD, NYLON	1
3	31219	NUT, HEX, 9/16, UNC, ZP	8
4	31988	HYD, CYL, KIT, REPAIR, 2-1/2	1
5	31989	HYD, CLEVIS, ROD, 2-1/2X8	1
6	31990	HYD, ROD, 1-1/8X8	1
7	31991	HYD, CYL, CAP, ROD, 2-1/2, 2, 3/8FP	1
8	31992	HYD, CYL, 9/16X12-1/4	4
9	31993	HYD, CYL, TUBE, 2-1/2X10	1
10	31994	HYD, CYL, PISTON, 2-1/2, 1/32 HOLE	1
11	31995	HYD, CYL, PISTON, 2-1/2, O-RING	1
12	31996	HYD, CHECK, VALVE	1
13	31997	NUT, HEX, 1-1/8, UNF, GRB, ZP	1
14	31998	HYD, CLEVIS, CAP 2.5, 1.00PIN	1
15	31999	HYD, FIT, PLUG, 11/16, SOCKET	1



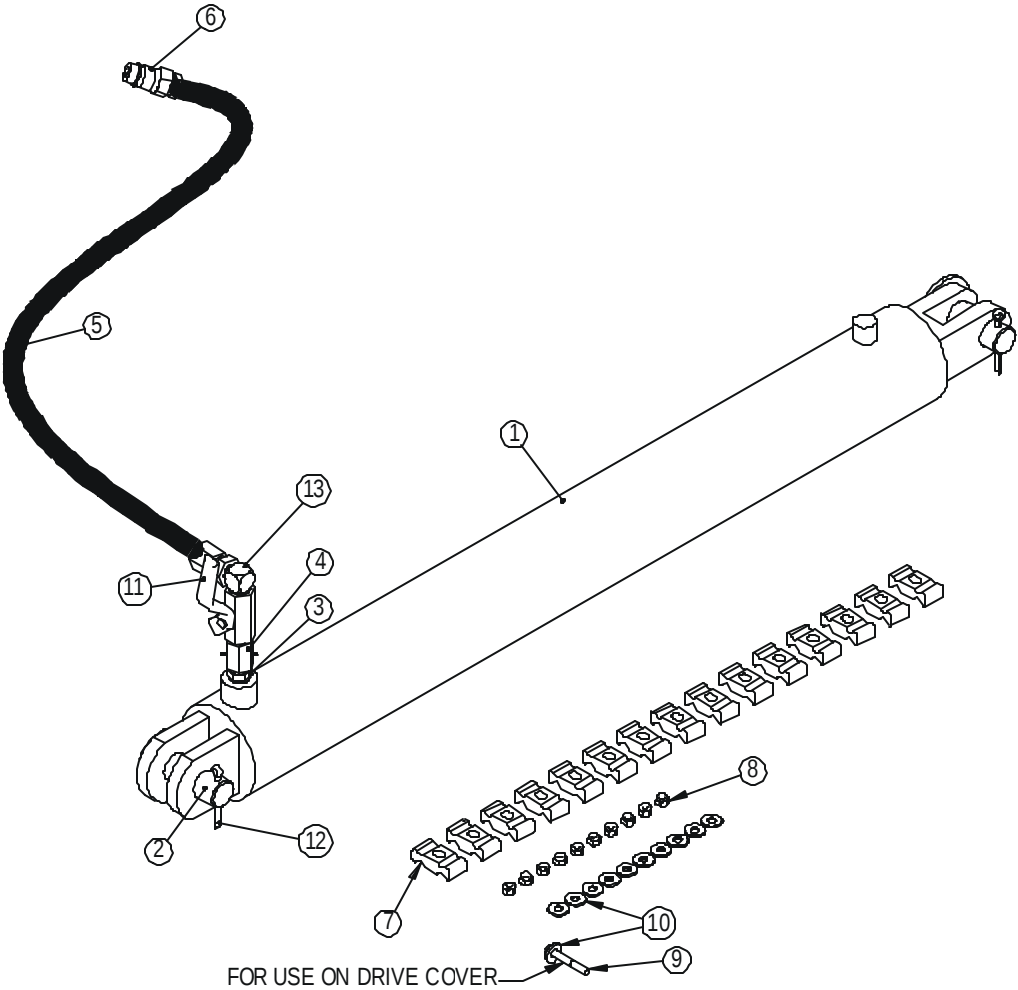
5.3 Main Lift Cylinder Assembly

6510 (Part No. 50311)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30086	HYD,CYLINDER,4X36,CONVEYOR	1
2	50278	PIN,CYL,LIFT, WLDT	2
3	32082	HYD,FIT,ADAPTOR,8MP-8MP	1
4	32107	HYD,FIT,THROTTLE,8MP-8FP	1
5	30605	HYD,HOSE,3/8X610,8MP-8FJX	1
6	30209	HYD,FIT,PIONEER,MALE,8FP	1
7	30210	HYD,CLAMP,HOSE,1/2	10
8	31177	NUT,NY LOCK,5/16,UNC,ZP	10
9	31453	BOLT,HEX,5/16X2,UNC,GR5,ZP	1
10	31239	WASHER,FLAT,5/16,ZP	11
11	30469	HYD,VALVE,BALL,8FP	1
12	31182	PIN,COTTER,1/4X2-1/2	2
13	30212	HYD,FIT,ELBOW,8MP-8MJ90	1

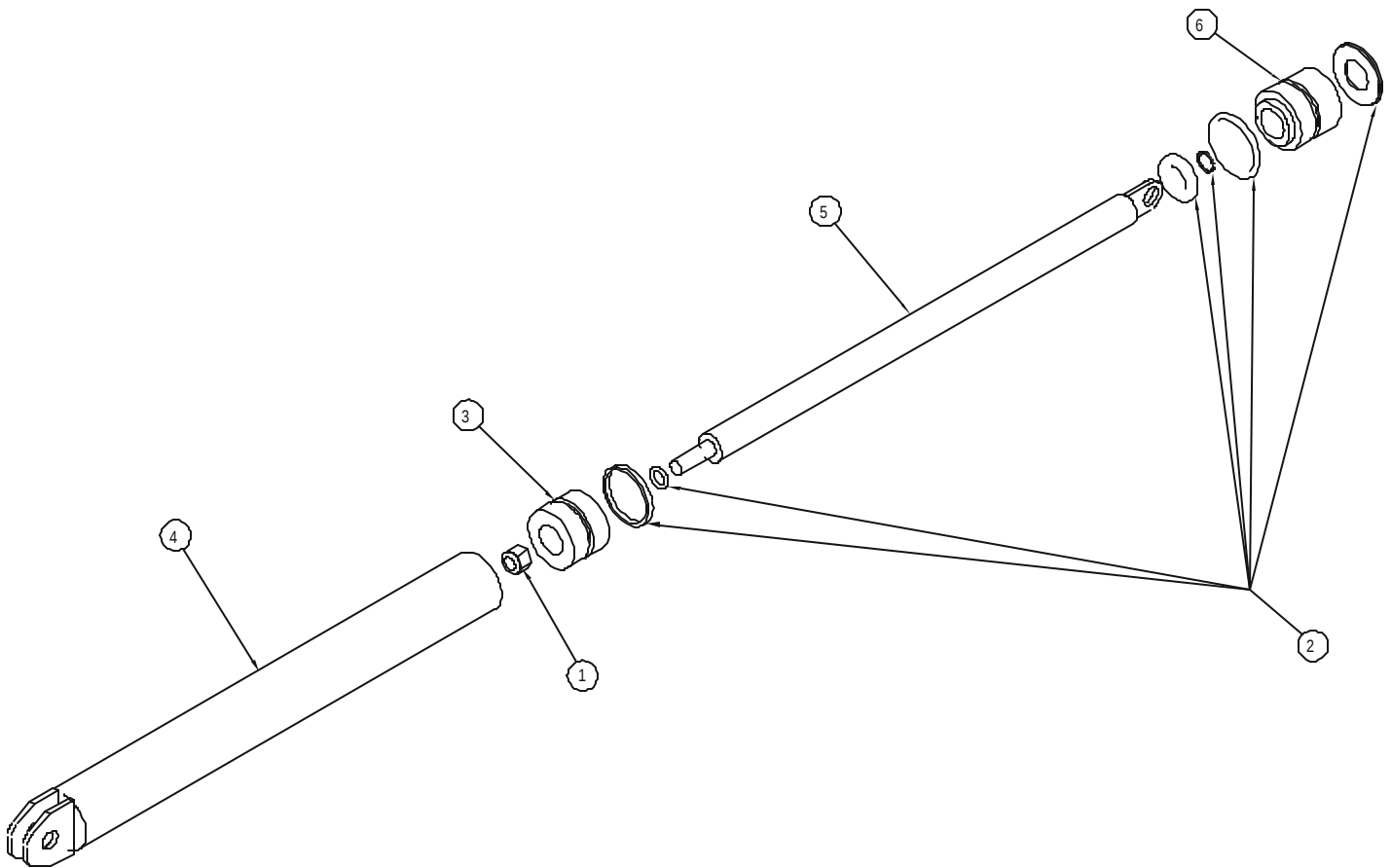
8510 (Part No. 50396)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	31928	HYD,CYL,4.5X36,2.0,8FP	1
2	50278	PIN,CYL,LIFT, WLDT	2
3	32082	HYD,FIT,ADAPTOR,8MP-8MP	1
4	32107	HYD,FIT,THROTTLE,8MP-8FP	1
5	30605	HYD,HOSE,3/8X610,8MP-8FJX	1
6	30209	HYD,FIT,PIONEER,MALE,8FP	1
7	30210	HYD,CLAMP,HOSE,1/2	10
8	31177	NUT,NY LOCK,5/16,UNC,ZP	10
9	31453	BOLT,HEX,5/16X2,UNC,GR5,ZP	1
10	31239	WASHER,FLAT,5/16,ZP	11
11	30469	HYD,VALVE,BALL,8FP	1
12	31182	PIN,COTTER,1/4X2-1/2	2
13	30212	HYD,FIT,ELBOW,8MP-8MJ90	1



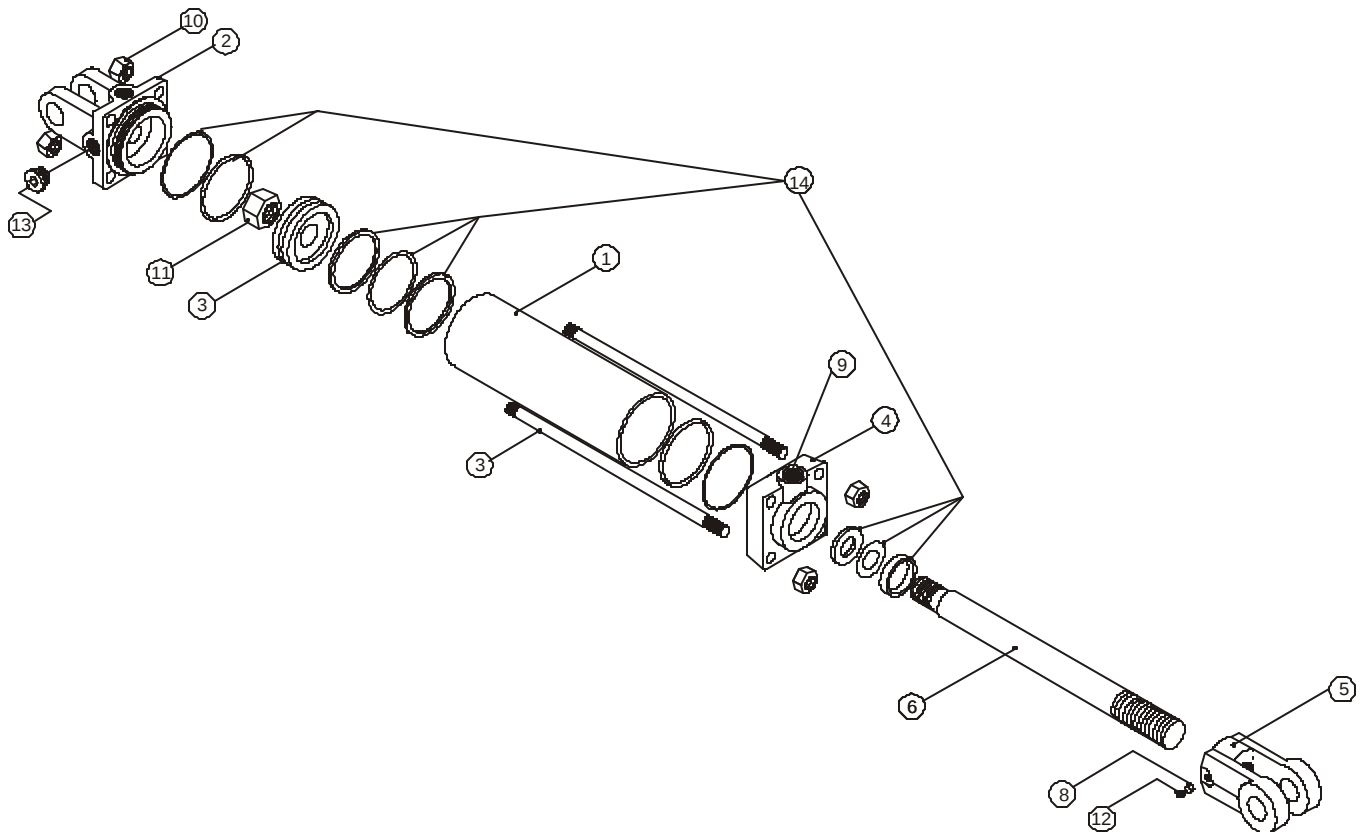
5.3.1 4x36 Cylinder (Part No. 30086)

ITEM	PART NO.	DESCRIPTION	QTY
1	30502	NUT, LOCK, 1.00 – 14, UNS	1
2	30503	SEAL KIT, 4 x 36, 2" ROD	1
3	30504	CYLINDER, PISTON, 4 x 1	1
4	30505	CYLINDER, TUBE, 4 x 36	1
5	30506	CYLINDER, SHAFT, 40/45/50-36	1
6	30507	CYLINDER, HEAD, 4 x 2	1



5.3.2 4-1/2x36 Cylinder (Part No. 31928)

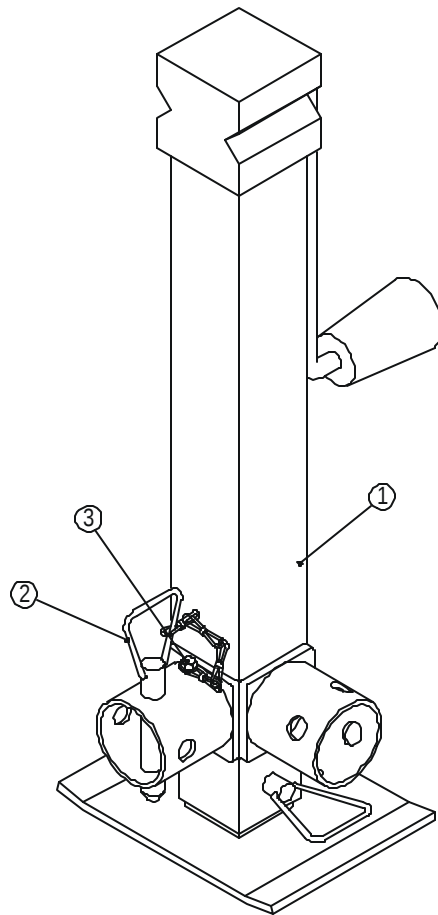
ITEM NO.	PART NO.	DESCRIPTION	QTY
1	30654	TUBE,CYL,4.5-36	1
2	30655	CLEVIS,CAP,4.5-1/2 NPT-1/2-S	1
3	30656	TIE,ROD,5/8-36	4
4	30657	ROD,CAP,4.5-2-1/2 NPT	1
5	30658	ROD,CLEVIS,1.5-1.25-S,SHRT,NAR	1
6	30659	ROD,CYL,2-36-1.25-1.5-TL/TC	1
7	30660	PISTON,4.5-1.25-TC	1
8	30661	THRD,LOCK NYLOCK	1
9	30662	BREATHER,HYD,CYL,1/2NPT	1
10	30663	NUT,HEX,5/8 UNF,GR5	8
11	30664	NUT,HEX,1-1/4,12 UNF,LOCK,GRB	1
12	30665	SC,SCKT,SET,3/8 UNCX1/2 KNUR	1
13	30666	PLUG,1/2-14 NPTF,DRY,SEAL	1
14	30667	KIT,SEAL,CYL,4.5X36	1



6.0 Options

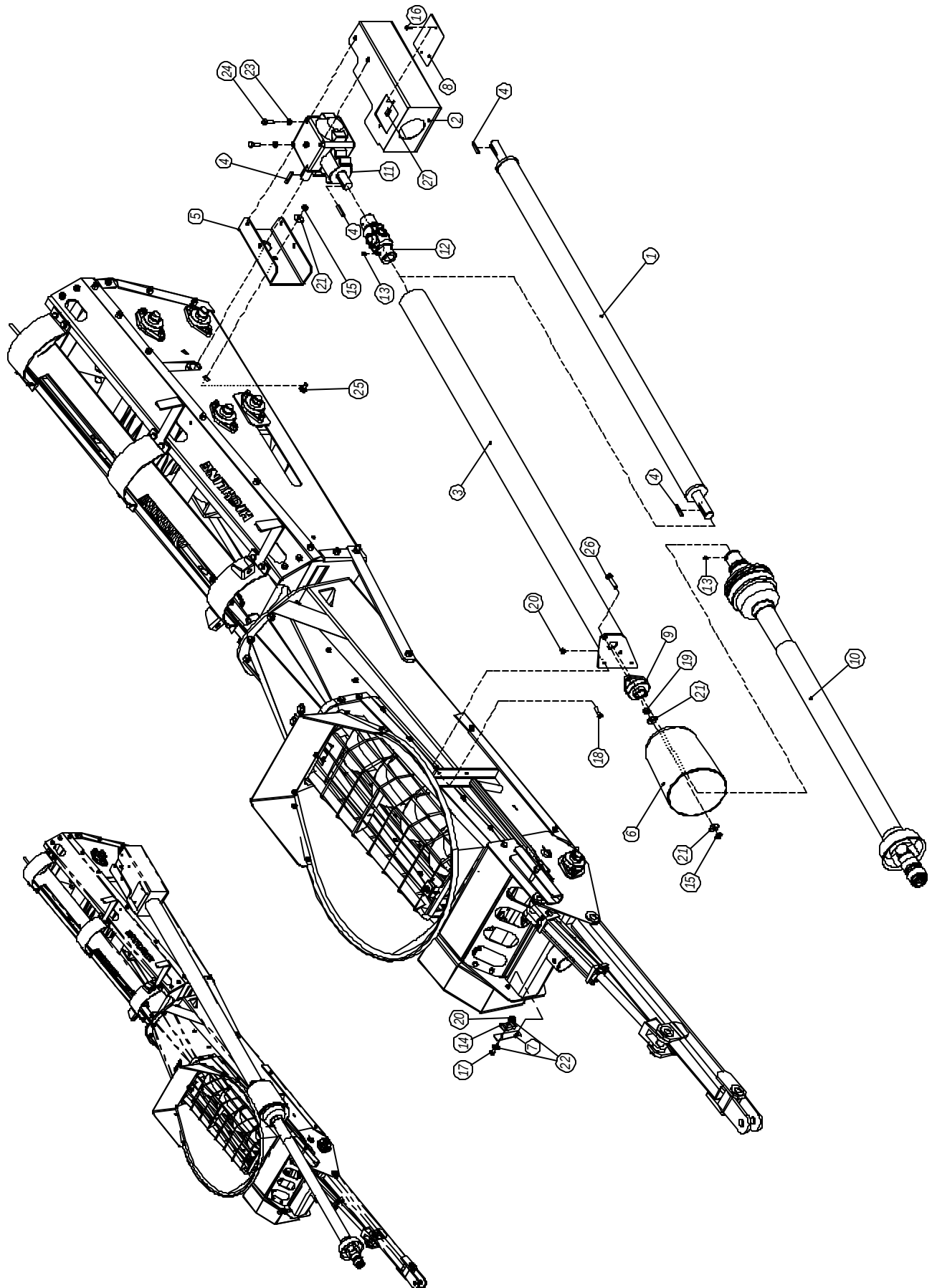
6.1 Jack Assembly Option (Part No. ACOHJ-A)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50356	JACK,DUAL,WLDT	1
2	30446	CHAIN&PIN,JACK	1
3	30294	SCREW,TEK,1/4X1	1



6.2 Direct Drive Assembly (Part No. GCODD-2)

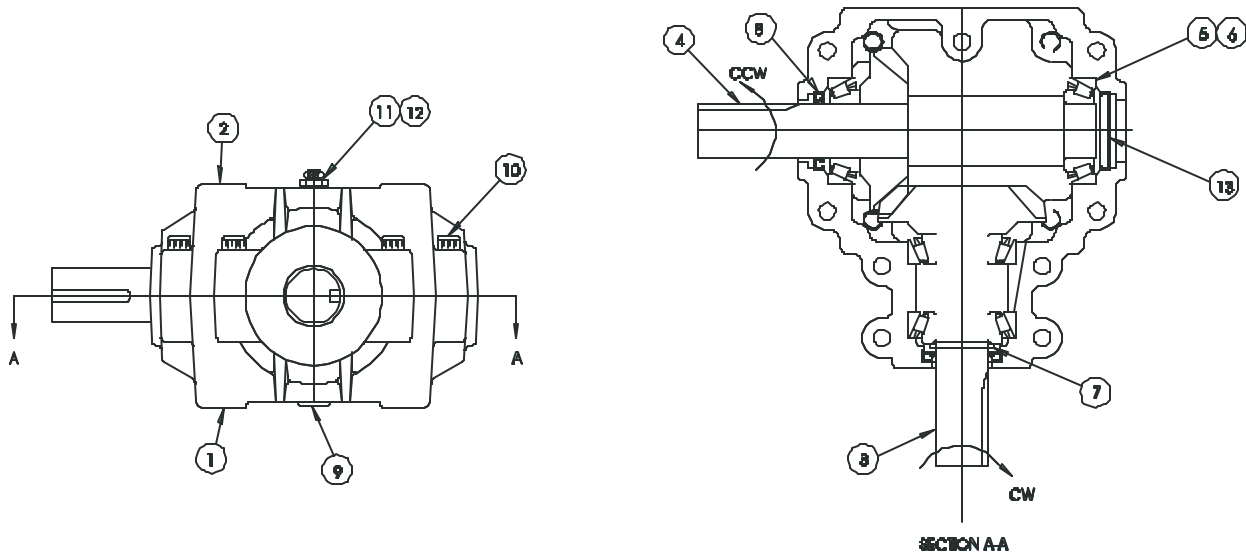
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	50501	WLDT,DRIVESHAFT,3TUBE	1
2	50504	WLDT,DRIVE,COUPLER	1
3	50505	WLDT,SLEAVE,SHAFT	1
4	E5215	KEY,5/16X2	4
5	E6314	PLT,MOUNT,GEARBOX	1
6	E6451	GUARD,DIRECT,DRIVE	1
7	E6452	FLATBAR,HYD,HOSE,MOUNT	1
8	E6478	SHEET,ACCESS,DOOR	1
9	31929	BEARING,FLANGE,1-3/8	1
10	31964	DRV,DL,CV,35R,CAT4,50,R	1
11	31974	GEARBOX,1 TO1,2x1-3/8"DIA	1
12	33152	DRV,DL,U-JOINT,CRS&BRG,14 R	1
13	30037	SET SCREW,3/8UNCX3/8	4
14	30210	HYD,CLAMP,HOSE,1/2	1
15	30611	NUT,NYLOCK,JAM,1/2,UNC,ZP	4
16	31033	BOLT,HEX,1/4X3/4,UNC,GR5,ZP	2
17	31066	BOLT,HEX,3/8X1-3/4,UNC,GR5,ZP	1
18	31044	BOLT,HEX,3/8X1-1/2,UNC,GR5,ZP	2
19	31173	NUT,NYLOCK,1/2,UNC,ZP	2
20	31176	NUT,NYLOCK,3/8,UNC,ZP	3
21	31236	WASHER,FLAT,1/2,ZP	6
22	31351	WASHER,FLAT,3/8,ZP	2
23	31244	WASHER,LOCK,1/2,ZP	8
24	31332	BOLT,HEX,1/2X1-1/4,UNC,GR5,ZP	8
25	31434	BOLT,CARR,1/2X1,UNC,GR5,ZP	2
26	31515	BOLT,HEX,1/2X2,UNC,GR5,Z P,FT	2
27	31593	CLIP,AUTOMOTIVE,1/4,GR5,ZP	2



6.2.1 Gearbox (Part No. 31974)

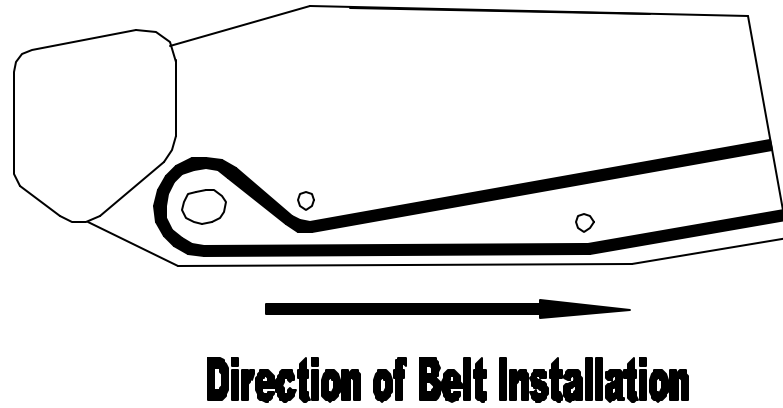
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	33155	CASTING,R500,TAP,STD	1
2	33156	CASTING,R500,THRU,STD	1
3	33157	ASSY, PINION,SHAFT,GEAR	1
4	33158	ASSY, CROSS,SHAFT,GEAR	1
5	33159	BEARING,CONE	4
6	33160	BEARING,CUP	4
7	33161	RETAINING,RING	1
8	33162	SEAL,1.375-2.000-.312 (R) TC	2
9	33163	PLUG,1/2-14,NPT,SCHD,W/3M	1
10	33164	BOLT,3/8-16X2.25,SHCS,ZP	9
11	33165	PLUG,VENT,5PSI	1
12	33166	BUSHING,1/2 NPT TO 1/8 NPT	1
13	33167	ENDCAP,CP-2.000-.312 D	1

*SAE 80-90 gear oil. 28 oz.

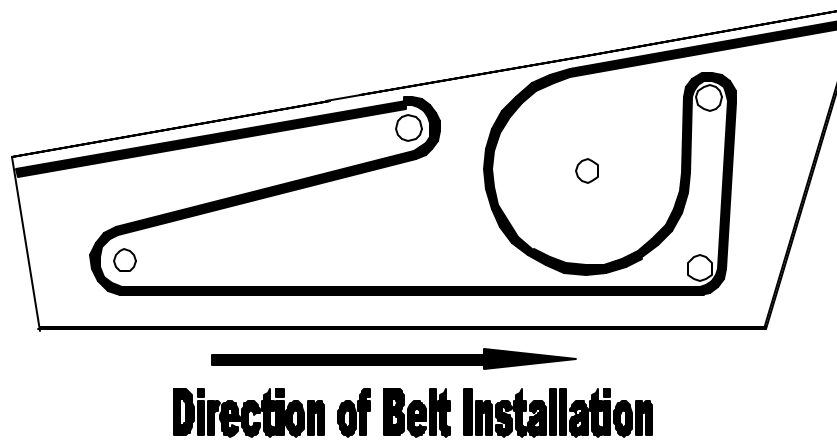


7.0 Belt Direction Diagrams

7.1 Intake Belt Set-up



7.2 Drive Belt Set-up



8.0 Part Number Index

Part No.	Description	Page	Item
30037	SETSCREW,3/8UNCX3/8	49	1
30037	SETSCREW,3/8UNCX3/8	64	13
30086	HYD,CYLINDER,4X36,CONVEYOR	60	1
30207	ZERK,1/4-28,STRAIGHT	56	1
30208	PLT,SERIAL#	16	17
30209	HYD,FIT,PIONEER,MALE,8FP	57	1
30209	HYD,FIT,PIONEER,MALE,8FP	60	6
30209	HYD,FIT,PIONEER,MALE,8FP	60	6
30210	HYD,CLAMP,HOSE,1/2	60	7
30210	HYD,CLAMP,HOSE,1/2	60	7
30210	HYD,CLAMP,HOSE,1/2	64	14
30212	HYD,FIT,ELBOW,8MP-8MJ90	60	13
30212	HYD,FIT,ELBOW,8MP-8MJ90	60	13
30221	PIN,COTTER,3/16X1-3/4	32	6
30223	WASHER,FLAT,1IDX2ODX.2385	56	2
30226	DRV,BRG,RACE,INNER,1.781	56	3
30239	SETSCREW,SOCKET,3/8X1/2KNUR	59	1
30261	LOCK,THREAD,NYLON	59	2
30271	DECAL,DANGER,ROTATING DRIVE	16	13
30294	SCREW,TEK,1/4X1	63	3
30295	PAINT,ORANGE,HIGHLINE	20	16
30295	PAINT,ORANGE,HIGHLINE	22	17
30295	PAINT,ORANGE,HIGHLINE	24	16
30295	PAINT,ORANGE,HIGHLINE	26	17
30296	PAINT,CATALYST	20	17
30296	PAINT,CATALYST	22	18
30296	PAINT,CATALYST	24	17
30296	PAINT,CATALYST	26	18
30352	KIT,REPAIR,LOCK,AUTO	48	1
30359	SIGN,SAFETY	48	6
30363	DRV,DL,SIGN,SAFETY	48	10
30365	DRV,DL,U-JOINT,CROSS&BEARING,35R	48	3
30456	CLAMP,CABLE,3/8"	37	6
30456	CLAMP,CABLE,3/8"	37	6
30456	CLAMP,CABLE,3/8"	41	6
30456	CLAMP,CABLE,3/8"	43	4
30456	CLAMP,CABLE,3/8"	54	2
30456	CLAMP,CABLE,3/8"	54	2
30456	CLAMP,CABLE,3/8"	54	2
30456	CLAMP,CABLE,3/8"	54	2
30469	HYD,VALVE,BALL,8FP	60	11
30469	HYD,VALVE,BALL,8FP	60	11
30499	DRV,DL,YOKE,1/2,540RPM	48	2
30502	NUT,LOCK,1.00-14,UNS	61	1
30503	SEAL KIT,4X36,2"ROD	61	2
30504	CYLINDER,PISTON,4X1	61	3
30505	CYLINDER,TUBE,4X36	61	4
30506	CYLINDER,SHAFT,40/45/50-36	61	5
30507	CYLINDER,HEAD,4X2	61	6

30515	HYD,HOSE,3/8X96,6MP-8MP	57	2
30526	ELEC,LIGHT,RED&AMBER,LEFT	57	4
30527	ELEC,LIGHT,RED&AMBER,RIGHT	57	5
30556	CHAIN&PIN,JACK	63	2
30605	HYD,HOSE,3/8X610,8MP-8FJX	60	5
30605	HYD,HOSE,3/8X610,8MP-8FJX	60	5
30611	NUT,NYLOCK,JAM,1/2,UNC,ZP	49	11
30611	NUT,NYLOCK,JAM,1/2,UNC,ZP	64	15
30616	DRV,DL,KIT,REPAIR,R	48	5
30640	KIT,LACE,SSRS125,15,PIN,WASHER	50	1
30641	LACE,SSRS125,15"	50	2
30642	LACE,PIN,NC-1,100'	50	3
30643	LACE,PIN,WASHER,50	50	4
30644	LACE,SPLICETOOL,RS125,4"	50	5
30654	TUBE,CYL,4.5-36	62	1
30655	CLEVIS,CAP,4.5-1/2 NPT-1/2-S	62	2
30656	TIE,ROD,5/8-36	62	3
30657	ROD,CAP,4.5-2-1/2 NPT	62	4
30658	ROD,CLEVIS,1.5-1.25-S,SHRT,NAR	62	5
30659	ROD,CYL,2-36-1.25-1.5-TL/TC	62	6
30660	PISTON,4.5-1.25-TC	62	7
30661	THRD,LOCK,NYLOCK	62	8
30662	BREATHER,HYD,CYL,1/2NPT	62	9
30663	NUT,HEX,5/8 UNF,GR5	62	10
30664	NUT,HEX,1-1/4,12 UNF,LOCK,GRB	62	11
30665	SC,SCKT,SET,3/8 UNCX1/2KNUR	62	12
30666	PLUG,1/2-14 NPTF,DRY,SEAL	62	13
30667	KIT,SEAL,CYL,4.5X36	62	14
31008	BOLT,CARR,1/2X1-1/2,UNC,GR5,ZP	45	22
31009	BOLT,CARR,1/2X2,UNC,GR5,ZP	30	35
31009	BOLT,CARR,1/2X2,UNC,GR5,ZP	45	23
31011	BOLT,CARR,1/2X2-3/4,UNC,GR5,ZP	30	34
31016	BOLT,HEX,1/2X1-1/2,UNC,GR5,ZP	55	17
31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	37	4
31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	37	5
31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	38	4
31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	38	5
31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	39	7
31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	41	5
31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	41	5
31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	43	5
31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	43	6
31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	44	5
31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	45	24
31024	BOLT,HEX,1/2X3-1/2,UNC,GR8,ZP	55	12
31025	BOLT,HEX,1/2X3-3/4,UNC,GR5,ZP	39	5
31029	BOLT,HEX,1/4X1,UNC,GR5,ZP	34	14
31029	BOLT,HEX,1/4X1,UNC,GR5,ZP	51	6
31029	BOLT,HEX,1/4X1,UNC,GR5,ZP	52	5
31033	BOLT,HEX,1/4X3/4,UNC,GR5,ZP	53	6
31033	BOLT,HEX,1/4X3/4,UNC,GR5,ZP	64	16
31040	BOLT,HEX,3/4X2-1/2,UNC,GR5,ZP	30	32
31043	BOLT,HEX,3/8X1,UNC,GR5,ZP	30	28
31043	BOLT,HEX,3/8X1,UNC,GR5,ZP	55	15

31044	BOLT,HEX,3/8X1-1/2,UNC,GR5,ZP	34	16
31044	BOLT,HEX,3/8X1-1/2,UNC,GR5,ZP	64	18
31047	BOLT,HEX,5/16X1-3/4,UNC,GR5,ZP	30	26
31066	BOLT,HEX,3/8X1-3/4,UNC,GR5,ZP	30	29
31066	BOLT,HEX,3/8X1-3/4,UNC,GR5,ZP	64	17
31070	BOLT,HEX,1/2X2,UNC,GR5,ZP	45	25
31154	BOLT,CARR,1/2X1-1/4,UNC,GR5,ZP	45	26
31163	NUT,HEX,1/2,UNC,GR5,ZP	30	38
31163	NUT,HEX,1/2,UNC,GR5,ZP	45	27
31167	NUT,HEX,3/4,UNC,GR5,ZP	54	5
31167	NUT,HEX,3/4,UNC,GR5,ZP	54	5
31167	NUT,HEX,3/4,UNC,GR5,ZP	54	5
31167	NUT,HEX,3/4,UNC,GR5,ZP	54	5
31172	NUT,NYLOCK,1,UNC,ZP	55	11
31173	NUT,NYLOCK,1/2,UNC,ZP	29	9
31173	NUT,NYLOCK,1/2,UNC,ZP	30	39
31173	NUT,NYLOCK,1/2,UNC,ZP	34	21
31173	NUT,NYLOCK,1/2,UNC,ZP	37	4
31173	NUT,NYLOCK,1/2,UNC,ZP	37	5
31173	NUT,NYLOCK,1/2,UNC,ZP	38	4
31173	NUT,NYLOCK,1/2,UNC,ZP	38	5
31173	NUT,NYLOCK,1/2,UNC,ZP	39	6
31173	NUT,NYLOCK,1/2,UNC,ZP	41	4
31173	NUT,NYLOCK,1/2,UNC,ZP	41	4
31173	NUT,NYLOCK,1/2,UNC,ZP	43	6
31173	NUT,NYLOCK,1/2,UNC,ZP	43	7
31173	NUT,NYLOCK,1/2,UNC,ZP	44	4
31173	NUT,NYLOCK,1/2,UNC,ZP	45	28
31173	NUT,NYLOCK,1/2,UNC,ZP	49	12
31173	NUT,NYLOCK,1/2,UNC,ZP	55	13
31173	NUT,NYLOCK,1/2,UNC,ZP	64	19
31174	NUT,NYLOCK,1/4,UNC,ZP	29	8
31174	NUT,NYLOCK,1/4,UNC,ZP	34	19
31174	NUT,NYLOCK,1/4,UNC,ZP	51	7
31174	NUT,NYLOCK,1/4,UNC,ZP	52	6
31174	NUT,NYLOCK,1/4,UNC,ZP	57	3
31176	NUT,NYLOCK,3/8,UNC,ZP	30	37
31176	NUT,NYLOCK,3/8,UNC,ZP	34	20
31176	NUT,NYLOCK,3/8,UNC,ZP	37	7
31176	NUT,NYLOCK,3/8,UNC,ZP	41	7
31176	NUT,NYLOCK,3/8,UNC,ZP	43	8
31176	NUT,NYLOCK,3/8,UNC,ZP	54	6
31176	NUT,NYLOCK,3/8,UNC,ZP	54	6
31176	NUT,NYLOCK,3/8,UNC,ZP	54	6
31176	NUT,NYLOCK,3/8,UNC,ZP	54	6
31176	NUT,NYLOCK,3/8,UNC,ZP	55	16
31176	NUT,NYLOCK,3/8,UNC,ZP	64	20
31177	NUT,NYLOCK,5/16,UNC,ZP	30	36
31177	NUT,NYLOCK,5/16,UNC,ZP	45	29
31177	NUT,NYLOCK,5/16,UNC,ZP	60	8
31177	NUT,NYLOCK,5/16,UNC,ZP	60	8
31179	NUT,NYLOCK,9/16,UNC,ZP	29	10
31179	NUT,NYLOCK,9/16,UNC,ZP	36	7

31179	NUT,NYLOCK,9/16,UNC,ZP	40	7
31179	NUT,NYLOCK,9/16,UNC,ZP	42	3
31179	NUT,NYLOCK,9/16,UNC,ZP	44	3
31182	PIN,COTTER,1/4X2-1/2	60	12
31182	PIN,COTTER,1/4X2-1/2	60	12
31183	PIN,COTTER,3/16X2	56	4
31219	NUT,HEX,9/16,UNC,ZP	59	3
31236	WASHER,FLAT,1/2,ZP	30	42
31236	WASHER,FLAT,1/2,ZP	34	25
31236	WASHER,FLAT,1/2,ZP	45	30
31236	WASHER,FLAT,1/2,ZP	49	13
31236	WASHER,FLAT,1/2,ZP	64	21
31237	WASHER,FLAT,1/4,ZP	29	11
31237	WASHER,FLAT,1/4,ZP	34	23
31237	WASHER,FLAT,1/4,ZP	51	5
31237	WASHER,FLAT,1/4,ZP	52	4
31237	WASHER,FLAT,1/4,ZP	53	9
31238	WASHER,FLAT,3/4,ZP	54	3
31238	WASHER,FLAT,3/4,ZP	54	3
31238	WASHER,FLAT,3/4,ZP	54	3
31238	WASHER,FLAT,3/4,ZP	54	3
31239	WASHER,FLAT,5/16,ZP	60	10
31239	WASHER,FLAT,5/16,ZP	60	10
31240	WASHER,FLAT,5/8,ZP	30	44
31244	WASHER,LOCK,1/2,ZP	30	43
31244	WASHER,LOCK,1/2,ZP	53	10
31244	WASHER,LOCK,1/2,ZP	64	23
31246	WASHER,LOCK,3/4,ZP	30	45
31246	WASHER,LOCK,3/4,ZP	54	4
31246	WASHER,LOCK,3/4,ZP	54	4
31246	WASHER,LOCK,3/4,ZP	54	4
31246	WASHER,LOCK,3/4,ZP	54	4
31289	PIN,COTTER,3/16X1-1/2	30	13
31332	BOLT,HEX,1/2X1-1/4,UNC,GR5,ZP	29	7
31332	BOLT,HEX,1/2X1-1/4,UNC,GR5,ZP	34	17
31332	BOLT,HEX,1/2X1-1/4,UNC,GR5,ZP	53	7
31332	BOLT,HEX,1/2X1-1/4,UNC,GR5,ZP	55	14
31332	BOLT,HEX,1/2X1-1/4,UNC,GR5,ZP	64	24
31345	BOLT,HEX,3/8X3/4,UNC,GR5,ZP	30	27
31351	WASHER,FLAT,3/8,ZP	30	40
31351	WASHER,FLAT,3/8,ZP	34	24
31351	WASHER,FLAT,3/8,ZP	64	22
31429	WASHER,LOCK,7/16,ZP	30	41
31431	BOLT,CARR,1/2X2-1/4,UNC,GR5,ZP	45	31
31431	BOLT,CARR,1/2X2-1/4,UNC,GR5,ZP	49	14
31434	BOLT,CARR,1/2X1,UNC,GR5,ZP	64	25
31444	BOLT,HEX,7/16X1,UNC,GR2,ZP	30	31
31449	BOLT,HEX,1X3-1/2,UNC,GR8,ZP	55	10
31453	BOLT,HEX,5/16X2,UNC,GR5,ZP	60	9
31453	BOLT,HEX,5/16X2,UNC,GR5,ZP	60	9
31470	BOLT,HEX,1X2-1/2,UNC,GR5,ZP	55	18
31479	BOLT,HEX,3/8X1-1/4,UNC,GR5,ZP	34	15
31515	BOLT,HEX,1/2X2,UNC,GR5,ZP,FT	64	26

31536	WASHER,FLAT,1/8,ZP	34	22
31566	BOLT,SQRHEAD,7/16UNCX2",GR5,ZP	30	14
31566	BOLT,SQRHEAD,7/16UNCX2",GR5,ZP	45	32
31573	BOLT,CARR,3/8X1,UNC,GR5,ZP	30	33
31581	BOLT,HEX,1/4X1-1/4,UNC,GR5,ZP	57	6
31585	BOLT,HEX,3/8X1-1/2,UNC,GR5,ZP	34	18
31587	BOLT,HEX,1/4X4,UNC,GR5,ZP	57	7
31593	CLIP,AUTOMOTIVE,1/4,GR5,ZP	53	5
31593	CLIP,AUTOMOTIVE,1/4,GR5,ZP	64	27
31704	BOLT,HEX,9/16X1-3/4,UNC,GR5,ZP	36	8
31704	BOLT,HEX,9/16X1-3/4,UNC,GR5,ZP	40	8
31704	BOLT,HEX,9/16X1-3/4,UNC,GR5,ZP	42	2
31704	BOLT,HEX,9/16X1-3/4,UNC,GR5,ZP	44	6
31704	BOLT,HEX,9/16X1-3/4,UNC,GR5,ZP	53	8
31739	RIVET,ST,3/16X.565,.375 HEAD	34	26
31813	PIN,QUICK RELEASE,1/2X3,ZP	32	8
31915	BEARING,FLANGE,2BOLT,1	30	15
31927	ROLLER,1.9X18-3/8,7/16 HEX	37	3
31927	ROLLER,1.9X18-3/8,7/16 HEX	37	7
31927	ROLLER,1.9X18-3/8,7/16 HEX	38	3
31927	ROLLER,1.9X18-3/8,7/16 HEX	38	3
31927	ROLLER,1.9X18-3/8,7/16 HEX	39	3
31927	ROLLER,1.9X18-3/8,7/16 HEX	41	1
31927	ROLLER,1.9X18-3/8,7/16 HEX	41	3
31927	ROLLER,1.9X18-3/8,7/16 HEX	43	4
31927	ROLLER,1.9X18-3/8,7/16 HEX	43	5
31927	ROLLER,1.9X18-3/8,7/16 HEX	44	2
31928	HYD,CYL,4.5X36,2.0,8FP	60	1
31929	BEARING,FLANGE,1-3/8	45	33
31929	BEARING,FLANGE,1-3/8	49	2
31929	BEARING,FLANGE,1-3/8	64	9
31930	BEARING,ROUND,1-1/4",EL	30	16
31930	BEARING,ROUND,1-1/4",EL	45	34
31932	ROLLER,1.9X17-1/8,7/16 HEX	45	35
31964	DRV,DL,CV,35R,CAT4,50,R	49	3
31964	DRV,DL,CV,35R,CAT4,50,R	64	10
31967	DRV,BUSHING,PRESSFIT,20MM-5/8"	30	17
31972	HYD,CYL,2.5X8,1.125,8FP,NO_PINS	32	7
31974	GEARBOX,1TO1,2X1-3/8"DIA	64	11
31988	HYD,CYL,KIT,REPAIR,2-1/2	59	4
31989	HYD,CLEVIS,ROD,2-1/2X8	59	5
31990	HYD,ROD,1-1/8X8	59	6
31991	HYD,CYL,CAP,ROD,2-1/2,2,3/8FP	59	7
31992	HYD,CYL,9/16X12-1/4	59	8
31993	HYD,CYL,TUBE,2-1/2X10	59	9
31994	HYD,CYL,PISTON,2-1/2,1/32 HOLE	59	10
31995	HYD,CYL,PISTON,2-1/2,O'RING	59	11
31996	HYD,CHECK,VALVE	59	12
31997	NUT,HEX,1-1/8,UNF,GRB,ZP	59	13
31998	HYD,CLEVIS,CAP,2.5,1.00 PIN	59	14
31999	HYD,FIT,PLUG,11/16,SOCKET	59	15
32082	HYD,FIT,APAPTER,8MP-8MP	60	3
32082	HYD,FIT,APAPTER,8MP-8MP	60	3

32107	HYD,FIT,THROTTLE,8MP-8FP	60	4
32107	HYD,FIT,THROTTLE,8MP-8FP	60	4
32296	CAP,DUST	56	5
32297	NUT,SLOTTED,1-14,UNF	56	6
32299	BRG,RACE,OUTER	56	7
32300	BEARING,OUTER	56	8
32301	SUSP,BOLT,WHEEL,9/16X1-1/4	56	9
32305	BEARING,INNER	56	10
32306	SEAL,GREASE	56	11
32312	HUB,H614	56	12
32376	DRV,BRG,ROLLER,6004-2RS	30	20
32981	DECAL,PIMA	16	16
33020	BELT,15",REPLACEMENT,1'	50	6
33051	DRV,DL,ASSY,JOINT&SHAFT,W/GUARD	48	15
33052	DRV,DL,ASSY,JOINT&SHAFT	48	16
33053	DRV,DL,ASSY,JOINT&SHAFT,W/GUARD	48	17
33054	DRV,DL,ASSY,JOINT&SHAFT	48	18
33055	DRV,DL,YOKE&SHAFT	48	4
33057	DRV,DL,GUARD,OUTER	48	8
33058	DRV,DL,GUARD,INNER	48	9
33059	DRV,DL,SIGN,SAFETY,540RPM	48	7
33060	DRV,DL,REPAIR_KIT,NYLON	48	11
33061	DRV,DL,YOKE,TUBE&SLIPSLEEVE	48	12
33062	DRV,DL,HOUSING,CENTER	48	13
33063	DRV,DL,YOKE	48	14
33152	DRV,DL,U-JOINT,CROSS&BEARING,14R	64	12
33155	CASTING,R500,TAP,STD	66	1
33156	CASING,R500,THRU,STD	66	2
33157	ASSY,PINION,SHAFT,GEAR	66	3
33158	ASSY,CROSS,SHAFT,GEAR	66	4
33159	BEARING,CONE	66	5
33160	BEARING,CUP	66	6
33161	RETAINING,RING	66	7
33162	SEAL,1.375-2.000-312 (R) TC	66	8
33163	PLUG,1/2-14 NPT,SCHD,W/3M	66	9
33164	BOLT,3/8-16X2.25,SHCS,ZP	66	10
33165	PLUG,VENT,5PSI	66	11
33166	BUSHING,1/2NPT TO 1/8 NPT	66	12
33167	ENDCAP,CP-2.000-.312D	66	13
33175	HYD,FIT,ORIFICE,1/32,6MP-6FPX90	57	3
33219	CHAIN,CONNECTOR_LINK,#40	30	18
33221	BOLT,HEX,3/8X4,UNC,GR5,ZP	30	30
33231	CHAIN,HALF_LINK,#40	30	21
33238	DRV,SPROCKET,#40,11,3/4",B	30	24
33239	BEARING,FLANGE,2BOLT,25MM	30	25
33291	DRV,SPRKT,#40,40,P1,TAPER	30	22
33293	DRV,GEARBOX,90DEG,25MM,1:1	30	19
33296	DRV,BUSHING,S TAPER,P1,25MM	30	23
45222	SUSP,TIRE,11LX15FI,6PLY	56	1
45223	SUSP,WHEEL,15X9LB,1.12OFF,6	56	2
45228	SUSP,HUB,H614,5000LBS	55	4
49089	WHEEL,COMPLETE,BP,OFF-WHITE	55	5

50106	ROLLER,3-1/2	45	1
50122	TONGUE,HITCH	32	1
50250	TRUSS,SMALL,W/ANCHOR	43	1
50251	CLAMP,CABLE,ANCHOR	43	1
50252	CLAMP,IDLER,RETURN	37	3
50252	CLAMP,IDLER,RETURN	41	2
50252	CLAMP,IDLER,RETURN	43	2
50253	IDLER,RETURN,ASSEMBLY	40	4
50257	TRUSS,PIVOT,MAIN	37	2
50263	IDLER,RETURN,ASSEMBLY	44	2
50263	CLAMP,CABLE,EYEBOLT	45	2
50265	STAGE1,WELDMENT	36	1
50265	STAGE1,WELDMENT	40	1
50265	STAGE1,WELDMENT	44	1
50270	AXLE,WELDMENT,RIGHT	55	1
50271	AXLE,WELDMENT,LEFT	55	2
50272	FRAME,ASSEMBLY	20	1
50272	FRAME,ASSEMBLY	22	1
50272	FRAME,ASSEMBLY	24	1
50272	FRAME,ASSEMBLY	26	1
50273	SUPPORT,FRAME,UPPER,WLDT	55	6
50274	SUPPORT,FRAME,LOWER,WLDT,R	55	21
50275	SUPPORT,FRAME,MIDDLE,WLDT	55	8
50276	FRAME,REST,WELDMENT	55	9
50277	TRUSS,SMALL,W/CABLE,WLDT	37	1
50277	TRUSS,SMALL,W/CABLE,WLDT	41	1
50278	PIN,CYL,LIFT,WLDT	60	2
50278	PIN,CYL,LIFT,WLDT	60	2
50284	KIT,SERIAL NUMBER	55	20
50286	SUPPORT,FRAME,LOWER,WLDT,L	55	7
50287	COVER,REAR,WLDT	45	3
50288	COVER,FRONT,WLDT	45	4
50299	LEG WLDT,R,LIGHT	57	2
50300	LEG WLDT,L,LIGHT	57	1
50304	ELEC_HARNESS,LIGHT,ACC	57	9
50309	BRKT,PTO,WLDT	49	4
50310	SIGN,SMV,COMPLETE	55	19
50311	CYL,MAIN,LIFT,ASSY	20	2
50311	CYL,MAIN,LIFT,ASSY	22	2
50313	LIGHT-KIT,ASSEMBLY	20	3
50313	LIGHT-KIT,ASSEMBLY	22	3
50313	LIGHT-KIT,ASSEMBLY	24	2
50313	LIGHT-KIT,ASSEMBLY	26	2
50316	STAGE2,WLDT,65'	42	1
50334	CLAMP,IDLER,WLDT,DBL	43	3
50334	CLAMP,IDLER,WLDT,DBL	44	1
50341	IDLER,RETURN,ASSY,DBL	42	6
50344	BRKT,TENSIONER,SIDE,ASSY	45	5
50346	BRKT,TENSIONER,BOTTOM,ASSY	45	6
50349	TAKE-UP,WLDT,SHORT	45	7
50350	ROD,TENSIONER,WLDT	45	8
50356	JACK,DUAL,WLDT	63	1
50357	PAN,DRIVE,WLDT	45	9

50369	IDLER,RETURN,ASSY,TRAINING	36	6
50369	IDLER,RETURN,ASSY,TRAINING	40	5
50371	IDLER,RETURN,WLDT,TRAINING	39	1
50372	CLAMP,PIVOT,MAIN	37	1
50372	CLAMP,PIVOT,MAIN	38	1
50372	CLAMP,PIVOT,MAIN	41	2
50373	PIVOT,SMALL,ASSY	40	3
50374	PIVOT,TRUSS,ASSEMBLY	36	2
50374	PIVOT,TRUSS,ASSEMBLY	40	2
50375	REST,TUBE,WLDT	38	1
50376	REST,TUBE,ASSEMBLY	36	5
50376	REST,TUBE,ASSEMBLY	40	6
50377	ANCHOR,IDLER,ASSY	42	5
50377	ANCHOR,IDLER,ASSY	44	5
50378	TRUSS&ANCHOR,IDLER,ASSY	42	4
50378	TRUSS&ANCHOR,IDLER,ASSY	44	4
50379	ROLLER,DRIVE,GBOX,VULCANIZED	45	10
50382	STAGE2,ASSEMBLY,85',RD	24	3
50382	STAGE2,ASSEMBLY,85',RD	26	3
50383	STAGE1,ASSEMBLY,85',RD	24	4
50383	STAGE1,ASSEMBLY,85',RD	26	4
50384	STAGE2,ASSEMBLY,65',RD	20	4
50384	STAGE2,ASSEMBLY,65',RD	22	4
50385	STAGE1,ASSEMBLY,65',RD	20	5
50385	STAGE1,ASSEMBLY,65',RD	22	5
50386	TRUSS,SMALL,RD	36	3
50389	PIVOT,SMALL,ASSY,RD	36	4
50390	SKIRT,ASSY,65',RD	20	6
50390	SKIRT,ASSY,65',RD	22	6
50391	ROPE,WIRE,LONG,ASSY,65'	20	7
50391	ROPE,WIRE,LONG,ASSY,65'	22	7
50392	ROPE,WIRE,SHORT,ASSY,65'	20	8
50392	ROPE,WIRE,SHORT,ASSY,65'	22	8
50393	SKIRT,ASSY,85',RD	24	5
50393	SKIRT,ASSY,85',RD	26	5
50394	ROPE,WIRE,SHORT,ASSY,85'	24	6
50394	ROPE,WIRE,SHORT,ASSY,85'	26	6
50395	ROPE,WIRE,LONG,ASSY,85'	24	7
50395	ROPE,WIRE,LONG,ASSY,85'	26	7
50396	CYL,MAIN,LIFT,ASSY,85'	24	8
50396	CYL,MAIN,LIFT,ASSY,85'	26	8
50501	WLDT,DRIVESHAFT,3TUBE	64	1
50502	WLDT,HITCH,3X3	32	2
50504	WLDT,DRIVE,COUPLER	64	2
50505	WLDT,SLEAVE,SHAFT	64	3
50509	WLDT,INTAKE,GUARD	34	1
50511	WLDT,LOCK,TRANSPORT	32	3
50514	ASSY,ROLLER,3-1/2,TAPPED,CROWN	30	1
50516	ASSY,PIN,1X4-7/16	32	4
50517	ASSY,HYD,HOSE,CONNECTORS	20	9
50517	ASSY,HYD,HOSE,CONNECTORS	22	9
50517	ASSY,HYD,HOSE,CONNECTORS	24	9
50517	ASSY,HYD,HOSE,CONNECTORS	26	9

50518	ASSY,DRIVE,COMPLETE	20	10
50518	ASSY,DRIVE,COMPLETE	22	10
50518	ASSY,DRIVE,COMPLETE	24	10
50518	ASSY,DRIVE,COMPLETE	26	10
50519	ASSY,DECAL,8510GC	24	11
50519	ASSY,DECAL,8510GC	26	11
50520	ASSY,DECAL,6510GC	20	11
50520	ASSY,DECAL,6510GC	22	11
50529	ASSY,GC,SIDEDRIVE-2	22	12
50529	ASSY,GC,SIDEDRIVE-2	26	12
50559	WLDT,AUGER,INTAKE	30	2
50560	WLDT,INTAKE	29	1
50561	ASSY,ROLLER,DISCHARGE	53	3
50562	WLDT,DISCHARGE,TRANSITION	53	1
50563	WLDT,DISCHARGE,HOOD	53	2
50564	ASSY,DISCHARGE,COMPLETE	20	12
50564	ASSY,DISCHARGE,COMPLETE	22	13
50564	ASSY,DISCHARGE,COMPLETE	24	12
50564	ASSY,DISCHARGE,COMPLETE	26	13
50565	ASSY,DRV,INTAKE	29	2
50566	ASSY,HOPPER&GUARD,INTAKE	29	3
50567	ASSY,COMPLETE,INTAKE	20	13
50567	ASSY,COMPLETE,INTAKE	22	14
50567	ASSY,COMPLETE,INTAKE	24	13
50567	ASSY,COMPLETE,INTAKE	26	14
50568	WLDT,BEAM,HITCH	32	5
50569	ASSY,HITCH	29	4
50570	WLDT,HANGER,GUARD	34	2
91048	SUSP,STEM,VALVE,TR801HP	56	3
91608	PIN,HAIR,1/8X2-9/16	49	5
92014	CLAMP,CABLE,1/4	45	36
92209	PIN,HITCH,1/2X5	49	6
92562	DECAL,WARNING,HITCH,JACK	16	14
92579	DECAL,HIGHLINE,4X30	16	15
E3267	SKIRT,STEEL,STAGE1,LOWER	52	7
E3278	DECAL,CAUTION,CABLE,SIDE	16	1
E3279	DECAL,CAUTION,CABLE,FRONT	16	2
E4104	PLATE,RETAINING,BEARING	30	3
E4104	PLATE,RETAINING,BEARING	45	11
E4170	DECAL,DANGER,ELECTROCUTION	16	3
E4171	DECAL,CAUTION,READ	16	4
E4187	SUSP,SPINDLE,S614	55	3
E4227	PLATE,SPACER,ROLLER,DRIVE	45	12
E5075	ROLLER,IDLER,TRAINING	39	2
E5102	DECAL,RED/WH,REFL,2X72	16	5
E5112	SPACER,DRIVE,PAN	45	13
E5113	PLATE,TAKE-UP,OUTSIDE	45	14
E5114	COVER,DRIVE	45	15
E5135	PLATE,LIGHT-KIT,BASE	57	8
E5148	STRAP,INTAKE	29	5
E5156	BRKT,SKIRT	52	2
E5157	SKIRT,STEEL,65',MID	51	4
E5158	SKIRT,STEEL,65',MID	51	2

E5160	CLAMP,PIPE,10"X2"	39	4
E5160	CLAMP,PIPE,10"X2"	41	3
E5160	CLAMP,PIPE,10"X2"	43	2
E5160	CLAMP,PIPE,10"X2"	43	3
E5160	CLAMP,PIPE,10"X2"	44	3
E5162	CLAMP,PIPE,10X8	38	2
E5163	CLAMP,PIPE,10"X4"	37	2
E5163	CLAMP,PIPE,10"X4"	38	2
E5163	CLAMP,PIPE,10"X4"	45	16
E5172	WASHER,IDLER,RETURN	45	17
E5190	DECAL,LICENSED BY DARMANI	16	6
E5198	DECAL,PINSTRIPE,CONV,17'	16	7
E5200	GUARD,DIRECT,DRIVE	49	8
E5204	ROPE,WIRE,SHORT,65',RD	54	1
E5205	ROPE,WIRE,LONG,65',RD	54	1
E5206	ROPE,WIRE,SHORT,85',RD	54	1
E5209	ROPE,WIRE,LONG,85',RD	54	1
E5215	KEY,5/16X2	49	9
E5215	KEY,5/16X2	64	4
E5227	PLATE,SPACER,ROLLER,DRIVE	49	7
E5303	DEFLECTOR,HOPPER	34	3
E5325	DECAL,AUGER,ACC	16	8
E5339	DECAL,DAMAGE,STRUCTURAL	16	9
E5416	SPACER,FRAME,SUPPORT,UPPER	55	22
E5429	HOPPER,INTAKE,PLASTIC	34	4
E5430	TRAY,INTAKE,CLEANOUT	29	6
E5431	ADJUSTER,INTAKE,BEARING	30	4
E5445	BELT,15",8510	24	14
E5445	BELT,15",8510	26	15
E5447	BELT,15",6510	20	14
E5447	BELT,15",6510	22	15
E5452	SKIRT,STEEL,LONG	51	1
E5452	SKIRT,STEEL,LONG	52	1
E5455	PLATE,INTAKE,FRONT	30	5
E5477	SPRING,EXT,3-3/4X16.249	45	18
E5478	SKIRT,STEEL,STAGE1	51	3
E5478	SKIRT,STEEL,STAGE1	52	3
E5483	PAN,DRIVE,TENSIONER	45	19
E5494	CABLE,TENSIONER	45	20
E5821	BRACKET,HOSEHOLDER	45	21
E6051	DECAL,T_TRANSPORT,DO NOT LIFT	16	10
E6272	DRV,SHAFT,1-3/8X7,KEYED	49	10
E6314	PLT,MOUNT,GEARBOX	64	5
E6322	INT,GUARD	34	5
E6341	MANUAL,GC-2	20	15
E6341	MANUAL,GC-2	22	16
E6341	MANUAL,GC-2	24	15
E6341	MANUAL,GC-2	26	16
E6343	CHANNEL,GUARD,LOCK	34	6
E6451	GUARD,DIRECT,DRIVE	64	6
E6452	FLATBAR,HYD,HOSE,MOUNT	64	7
E6478	SHEET,ACCESS,DOOR	64	8
E6482	DECAL,CONVEYOR,TURBO,8510	16	11

E6483	DECAL,CONVEYOR,TURBO,6510	16	11
E6484	DECAL,MULTIDRIVE	16	12
E7051	PLT,S,CLAMP,HOPPER	34	7
E7052	SHAFT,ROLLER,IDLER	53	4
E7054	SHT,S,HANGER,SKIRT,L	34	8
E7055	SHT,S,HANGER,SKIRT,R	34	9
E7056	SKIRT,SIDE,INTAKE	34	10
E7057	PIPE,ROLLER,1.9X17	30	6
E7058	SHAFT,5/8X19-1/2,DRILLED	30	7
E7059	SKIRT,FRONT,INTAKE	34	11
E7060	PIPE,SMLS,1X.120X1/4L	30	8
E7061	GUARD,DRV,INTAKE	30	9
E7062	MOUNT,DRV,GEARBOX	30	10
E7064	GUIDE,CHAIN,PLASTIC	30	11
E7069	CHAIN,ROLLER,#40,28 LINKS	30	12
E7070	BRACKET,STRAP,HOPPER	34	12
E7071	PLT,S,RETAINER,SKIRTING	34	13
GCODD-2	GC,OPTION,DIRECT_DRIVE-2	20	18
GCODD-2	GC,OPTION,DIRECT_DRIVE-2	24	18

9.0 Specifications

6510 Turbo Grain Conveyor

<i>Weight</i>	<i>Approximately 3211 lbs (1457 kg)</i>
<i>Travel Length</i>	<i>72' 3" (22.02 m)</i>
<i>Total Width</i>	<i>11'8" (3.56 m)</i>
<i>Max. Working Height</i>	<i>@ 30° = 30' (9.14m)</i>
<i>Transport Height</i>	<i>@ 20" hitch height = 10'1" (3.07 m)</i>
<i>Horsepower Required</i>	<i>80 + hp</i>
<i>Hydraulic Outlets Req'd</i>	<i>Two</i>
<i>Hydraulic Pressure</i>	<i>2,000 psi. (13,790 KPa)</i>

8510 Turbo Grain Conveyor

<i>Weight</i>	<i>Approximately 4750 lbs (2155 kg)</i>
<i>Travel Length</i>	<i>91' 3" (27.81 m)</i>
<i>Total Width</i>	<i>11'8" (3.56 m)</i>
<i>Maximum Height</i>	<i>@ 30° = 41' (12.50 m)</i>
<i>Transport Height</i>	<i>@ 20" hitch height = 10'8" (3.25 m)</i>
<i>Horsepower Required</i>	<i>80 + hp</i>
<i>Hydraulic Outlets Req'd</i>	<i>Two</i>
<i>Hydraulic Pressure</i>	<i>2,200 psi. (15,170 KPa)</i>

Dealer Information

Dealer: _____

Address: _____

City: _____

Province / State: _____

Postal Code / Zip Code: _____

Phone: _____



Identification Numbers

Model Number: _____

Serial Number: _____

Dealer Checklist

Setup ☐ GC6510 ☐ Side Drive ☐
 Packaged ☐ GC8510 ☐ Direct Drive ☐

6510, 8510 Turbo Grain Conveyors

✓	Check List Item
	Verify all bolts tight and no loose bolts or other debris sitting on belt.
	Verify serial number plate attached. Verify serial number plate attached. Verify serial number plate attached.
	Hydraulic lift, up/down. Cycle through lift a minimum of 3 times.
	Ensure there is enough Hydraulic Hose at full extension - leave 7 ft coiled
	Cycle Hitch Cylinder 3 times and check for leaks and clearance problems
	Inspect conveyor belt splice for condition and correct installation.
	Check alignment of tube and adjust cables. Check cable tension - accelerator not sagging .
	PTO installed correctly with proper warning decals, both allen head bolts installed on shaft.
	Drive Roller installed correctly - all rollers aligned. Drive Roller installed correctly - all rollers aligned.
	Belt alignment to be adjusted at Alignment Rollers. Run at 320RPM to align and 520RPM to check
	Return idlers inspected for proper installation and operation.
	Check tensioning roller to ensure it slides freely. Check tensioning roller to ensure it slides freely.
	Check tire pressure and adjust as required. (as specified on tire)
	Verify the auger gearbox drive is functioning properly with no interference

Installed Options:

- ☐ **Hitch Jack**
☐ **Transfer Transport**
☐ **Transfer Conveyor Serial #:** _____