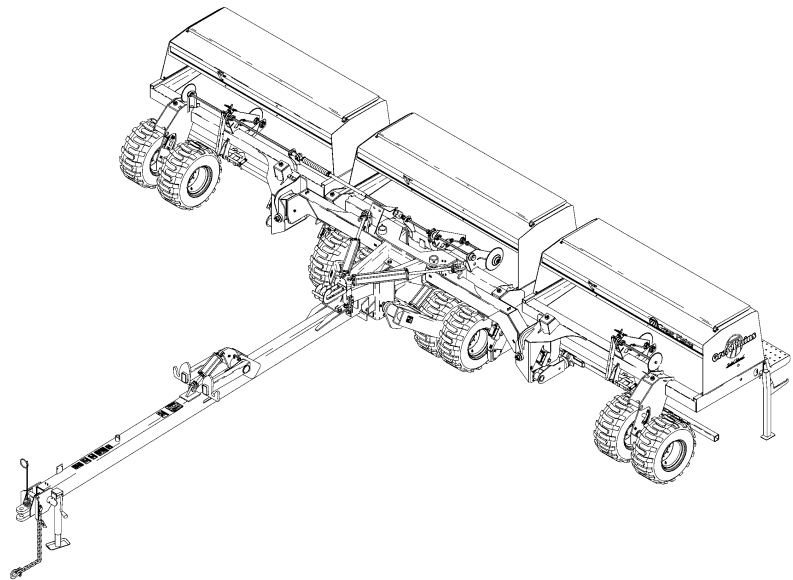

Parts Manual

3S-3000 & 3S-3000F
30' 3-Section Folding Drill
1996+



Read the Operator's manual entirely. When you see this symbol, the subsequent instructions and warnings are serious - follow without exception. Your life and the lives of others depend on it!



15485

Cover illustration may show optional equipment not supplied with standard unit.



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General Information

Using This Manual

This manual is divided into sections. The first section contains General Information, a Table of Contents, an Alphabetical Page Index, and a Part Number Index. The remaining sections divide the machine into segments (i.e. Frames, Drives, Hydraulics, etc.) which illustrate and list all parts.

The Great Plains parts in this manual are specially designed for this machine and should be replaced with Great Plains parts only.

The information in this manual is current at printing. Some parts may change to assure top performance.

Right-hand and left-hand as used in this manual are determined by facing the direction the machine will travel while in use.

Below is an example of two facing pages from a parts manual. Familiarize yourself with the contents of these pages.

Manual Replacement Information

Replacement manuals are available. Refer to your dealer or the Great Plains Publications Catalog for additional information.

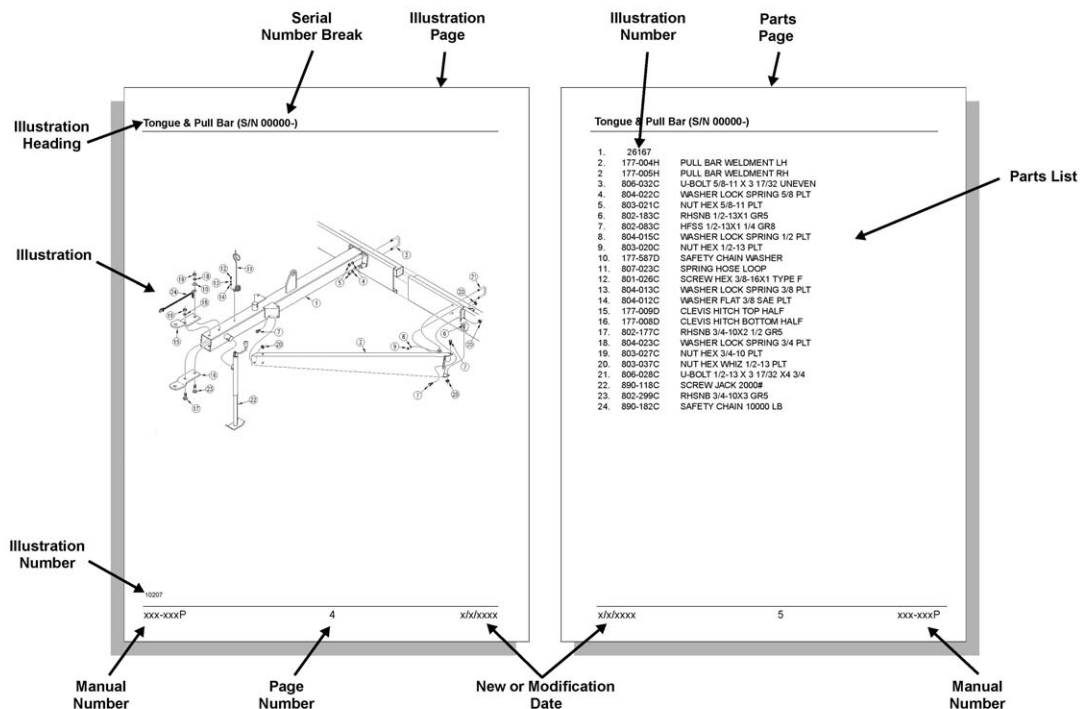
Manual Revisions

When this manual is revised, the modification date is printed on the front cover and on the revised page(s).

Touch-up Paint

Repaint parts where paint is worn or scratched to prevent rust. Aerosol touch-up paint is available. To order use Great Plains parts numbers below:

GP Green	821-001C
GP Black	821-002C
GP Beige	821-003C
GP Buckskin	821-004C



Hardware Legend

AR	As Required
BLADE	Blade Bolt
C	Cap Screw
CP	Cotter Pin
CPHSSS	Cup Point Hex Socket Set Screw
CPSHSS	Cup Point Square Head Set Screw
CPSQHSS	Cup Point Square Head Set Screw
CRFCHMS	Cross Recess Flat Countersunk Head Mach. Screw
CRPHMS	Cross Recess Pan Head Machine Screw
CRPHTFS	Cross Recess Pan Head Thread Forming
CRRHMS	Cross Recess Round Head Machine Screw
CRTHMS	Cross Recess Truss Head Machine Screw
CSNB	Countersunk Square Neck Bolt
FHMS	Flat Head Machine Screw
FTC	Full Thread Cap Screw
H	Hex Nut
HCLN	Hex Center Lock Nut
HFLCS	Hex Flange Lock Cap Screw
HFS	Hex Flange Screw
HFSLN	Hex Flange Serrated Lock Nut
HFSS	Hex Flange Serrated Screw
HHCS	Hex Head Cap Screw or Metric Bolt
HSBHCS	Hex Socket Button Head Cap Screw
HSFCHCS	Hex Socket Flat Countersunk Head Cap Screw
HSHCS	Hex Socket Head Cap Screw
HSSS	Hex Socket Head Screw
HTLN	Hex Top Lock Nut
HWHCS	Hex Washer Head Cap Screw

HWHMS	Hex Washer Head Machine Screw
HXBHCS	Hex Socket Button Head Cap Screw
J	Hex Jam Nut
JIC	37 Degree Tapered Thread
L	Helical Spring Lock Washer
LUG	Lug Bolt
NFC	National Fine Cap Screw
NPSM	National Pipe Straight Mechanical
NPTF	National Pipe Taper Fuel
P	Wide Plain Washer
PHMS	Pan Head Machine Screw
PLOW	Plow Bolt
RHMS	Round Head Machine Screw
RHSNB	Round Head Square Neck Bolt
SCREW LEVELING	Leveling Screw
SCREW THUMB	Thumb Screw
SCREW WELD	Weld Screw
SFCHMS	Slotted Flat Countersunk Head Machine Screw
SFHMS	Slotted Fillister Head Machine Screw
SP	Special
SP SCREW	Special Screw
SQHSS	Square Head Set Screw
SRHMS	Slotted Round Head Machine Screw
SSS	Socket Set Screw
STCS	Self Tapping Cap Screw
STHMS	Slotted Truss Head Machine Screw
WHEEL	Wheel Studs and Hub Long Bolts
WING	Wing Bolt

Replacement Hardware

The **Hardware Legend** above lists hardware abbreviations used in the parts lists. All bolts and nuts are grade 5 unless otherwise noted. The use of improper grades of hardware can result in personal injury, damage to equipment, or loss of property.

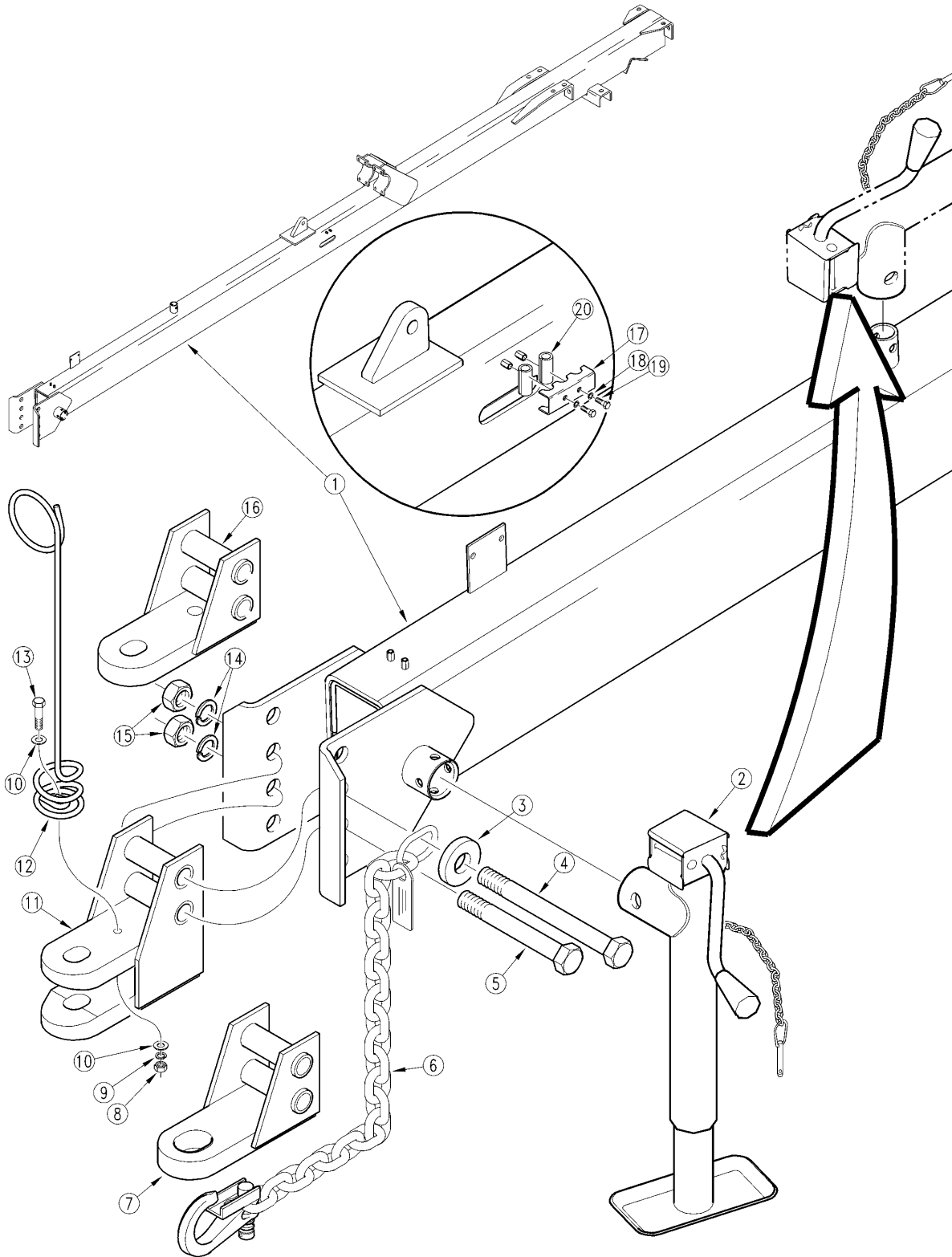
Serial Numbers

Always use the serial and model number when ordering parts. Refer to the operator's manual for serial number plate location.

(S/N 20001+ or S/N 20001 and above)	Includes serial numbers 20001 and above (to the latest number)
(S/N 10001+→20000)	Includes serial numbers between 10000 and 20001
(S/N 10000- or S/N 10000 and below)	Includes serial numbers 10000 and below (to the earliest number)

Hitch To Tongue

(Applies to 3S-3000, 3S-3000F only)



15437

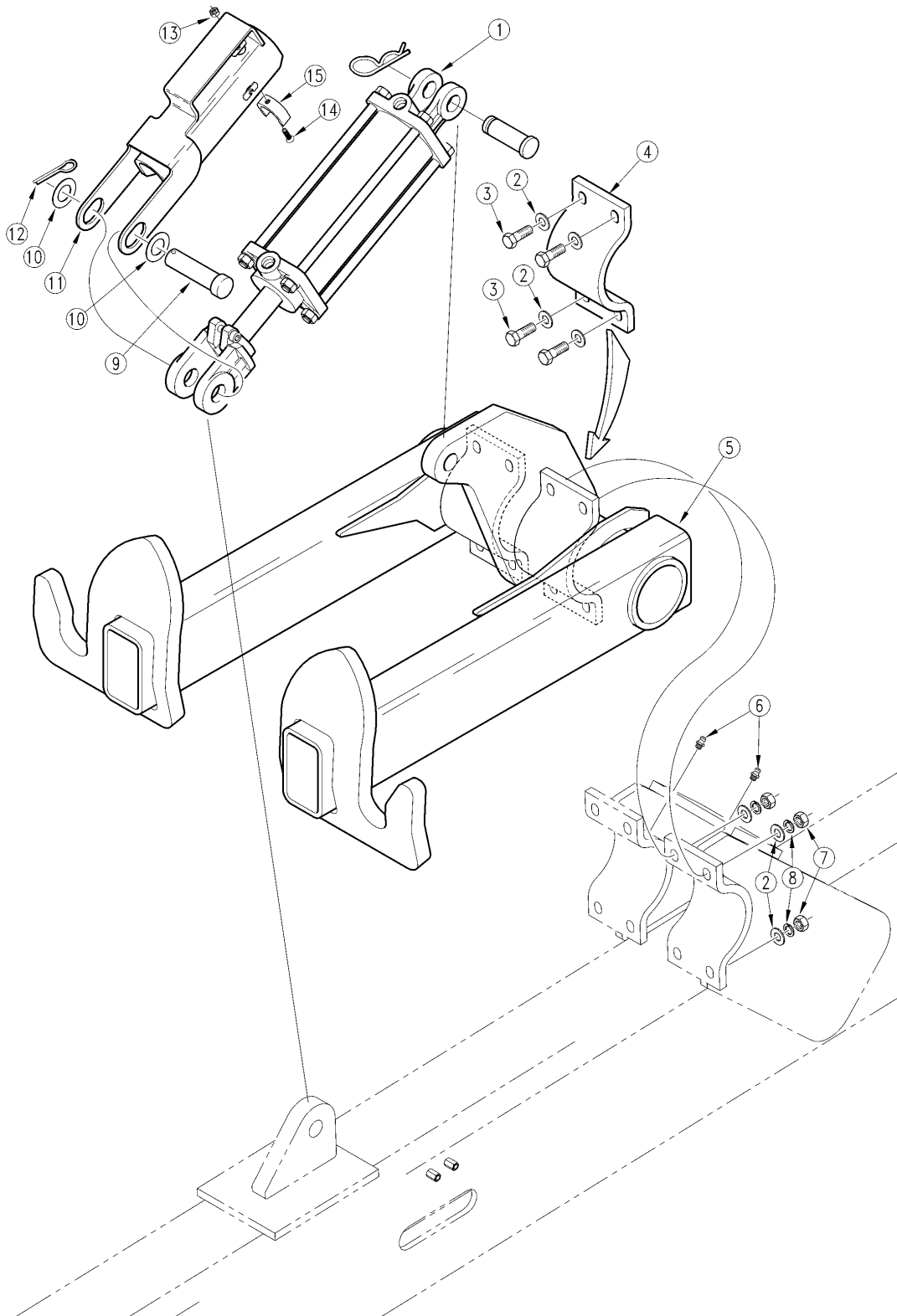
Hitch To Tongue

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15437	Image No.		
1.	194-104H	30'-3S TONGUE		
2.	890-545C	RPBY 196-207A		
3.	194-070D	SAFETY CHAIN WASHER		
4.	802-543C	HHCS 1 1/4-7X10 GR5 SPTH		
5.	802-544C	HHCS 1 1/4-7X9 GR5 SPTH		
6.	890-183C	SAFETY CHAIN 20000 LB		
7.	170-033H	SINGLE HITCH STRAP-LARGE		
8.	803-020C	NUT HEX 1/2-13 PLT		
9.	804-015C	WASHER LOCK SPRING 1/2 PLT		
10.	804-017C	WASHER FLAT 1/2 USS PLT		
11.	196-136H	CLEVIS HITCH WELDMENT		
12.	807-073C	SPRING HOSE LOOP HEAVY		
13.	802-039C	HHCS 1/2-13X3 GR5		
14.	804-030C	WASHER LOCK 1 1/4 SPRING PLT		
15.	803-034C	NUT HEX 1 1/4-7 PLT		
16.	170-034H	SINGLE HITCH STRAP-SMALL		
17.	196-112D	RPBY 196-146D		
18.	804-009C	WASHER LOCK SPRING 5/16 PLT		
19.	802-010C	HHCS 5/16-18X1 1/4 GR5		
20.	113-370D	1/4 MARKER HYD HOSE GUARD		

Transport Hook To Tongue

(Applies to 3S-3000, 3S-3000F only)



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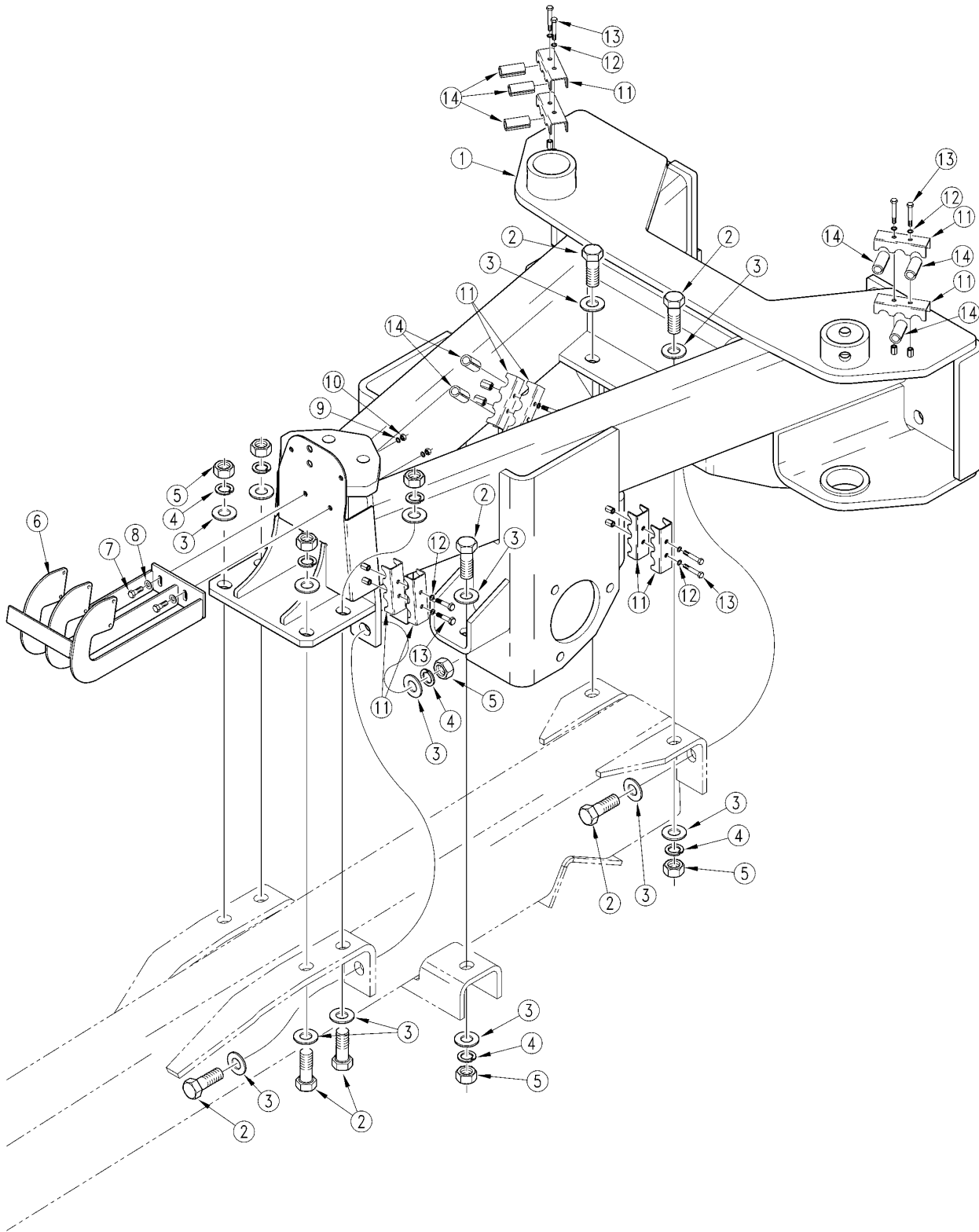
Transport Hook To Tongue

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15438	Image No.		
1.	810-104C	CYL 3.5X8X1.25 ROD (TIE) 1 PIN	Refer to "Transport Hook Midway Hydraulic Cylinder 3.5 x 8 x 1.25 (810-104C)", "Transport Hook Monarch Hydraulic Cylinder 3.5 x 8 x 1.25 (810-104C)" & "Transport Hook Cross Hydraulic Cylinder 3.5 x 8 x 1.25 (810-104C)" for breakdown.	
2.	804-016C	WASHER FLAT 1/2 SAE PLT		
3.	802-128C	HHCS 1/2-13X2 GR5		
4.	185-014D	ROCKSHAFT HALF BAND CAP NOZERK		
5.	194-105H	TRANSPORT HOOKS WELDMENT		
6.	800-001C	GREASE ZERK STRAIGHT 1/4-28		
7.	803-020C	NUT HEX 1/2-13 PLT		
8.	804-015C	WASHER LOCK SPRING 1/2 PLT		
9.	805-124C	PIN CLEVIS 1 X 3 11/16 GR5 PLT		
10.	804-082C	WASHER MACH 1 3/4 X 1 X 18 GA		
11.	194-106H	CYLINDER LOCK WELDMENT		
12.	805-104C	PIN COTTER 3/16 X 1 1/2 PLT		
13.	803-006C	NUT-HEX 1/4-20 PLT		
14.	801-068C	FSHCS 1/4-20X1 PLT		
15.	817-308C	RPBY 194-174A		

Mainframe To Tongue

(Applies to 3S-3000, 3S-3000F only)



15439

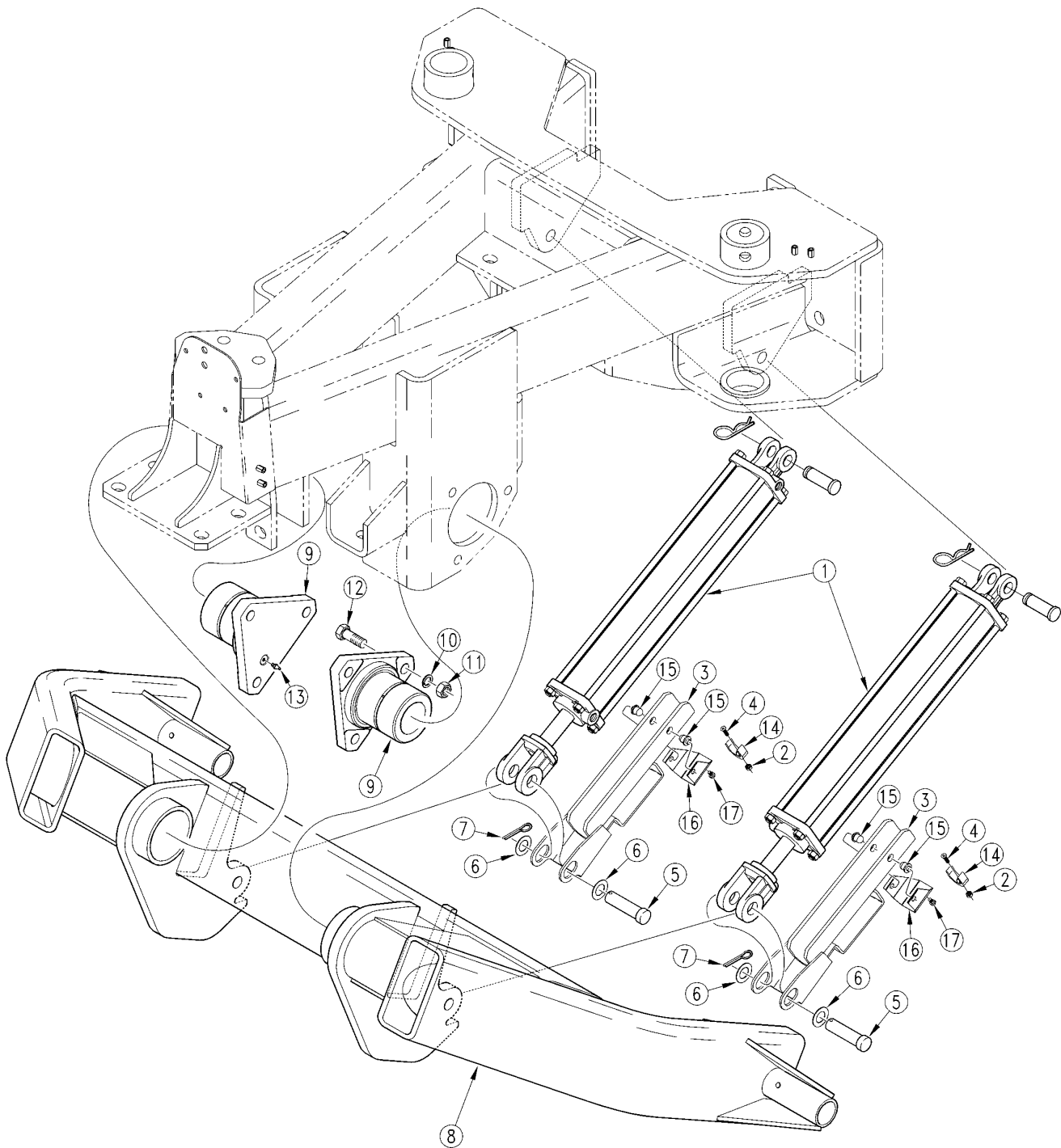
Mainframe To Tongue

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15439	Image No.		
1.	194-108H	MAINFRAME WELDMENT		
2.	802-615C	HHCS 1-8X2 3/4 GR. 5		
3.	804-028C	WASHER FLAT 1 USS PLT		
4.	804-027C	WASHER LOCK SPRING 1 PLT		
5.	803-031C	NUT HEX 1-8 PLT		
6.	194-134H	VALVE MOUNT BRACKET		
7.	802-079C	HHCS 3/8-16X1 1/4 GR5		
8.	804-011C	WASHER FLAT 3/8 USS PLT		
9.	804-013C	WASHER LOCK SPRING 3/8 PLT		
10.	803-014C	NUT HEX 3/8-16 PLT		
11.	196-112D	RPBY 196-146D		
12.	804-009C	WASHER LOCK SPRING 5/16 PLT		
13.	802-138C	HHCS 5/16-18X2 1/4 GR5		
14.	113-370D	1/4 MARKER HYD HOSE GUARD		

Transport Axle To Mainframe

(Applies to 3S-3000, 3S-3000F only)



15440

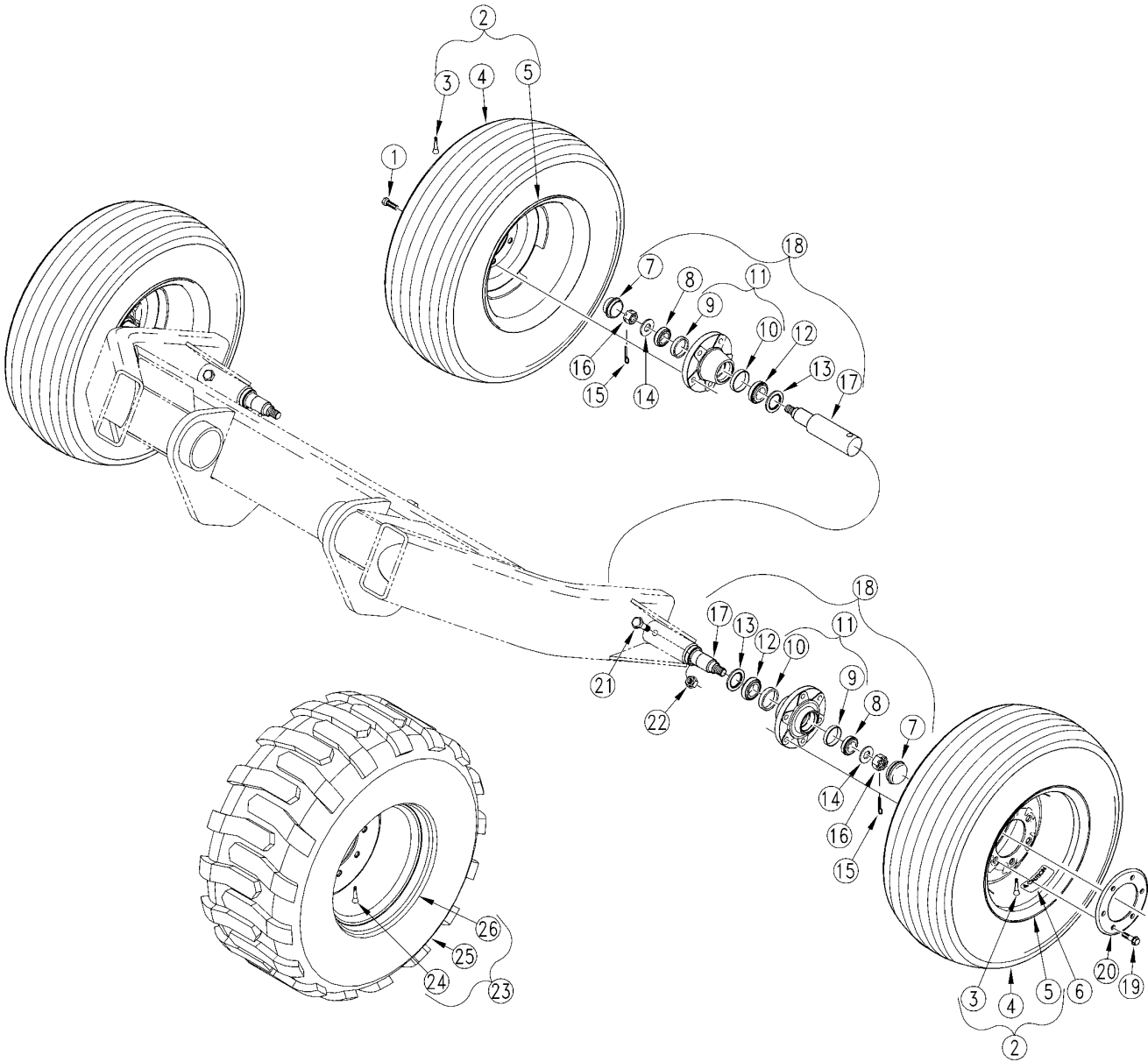
Transport Axle To Mainframe

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15440	Image No.		
1.	810-316C	CYL 3.5X12X1.25 ROD (TIE ROD)	Refer to "Transport Axle Midway Hydraulic Cylinder 3.5 x 12 x 1.25 (810-316C)" for breakdown.	
2.	803-006C	NUT-HEX 1/4-20 PLT		
3.	194-113H	TRANSPORT AXLE CYL LOCK		
4.	801-068C	FSHCS 1/4-20X1 PLT		
5.	805-124C	PIN CLEVIS 1 X 3 11/16 GR5 PLT		
6.	804-082C	WASHER MACH 1 3/4 X 1 X 18 GA		
7.	805-104C	PIN COTTER 3/16 X 1 1/2 PLT		
8.	194-110H	TRANSPORT AXLE WELDMENT		
9.	148-402D	3-BOLT PIVOT BUSH 4 1/2 ID TB		
10.	804-023C	WASHER LOCK SPRING 3/4 PLT		
11.	803-027C	NUT HEX 3/4-10 PLT		
12.	802-212C	HHCS 3/4-10X2 1/2 GR5		
13.	800-001C	GREASE ZERK STRAIGHT 1/4-28		
14.	817-308C	RPBY 194-174A		
15.	194-402D	PLASTIC CYL LOCK BUMPER		
16.	194-401D	LOCK SPRING CLIP		
17.	802-283C	HHCS 1/4-20X1/2 GR2		

Transport Tires & Hub

(Applies to 3S-3000, 3S-3000F only)



15441

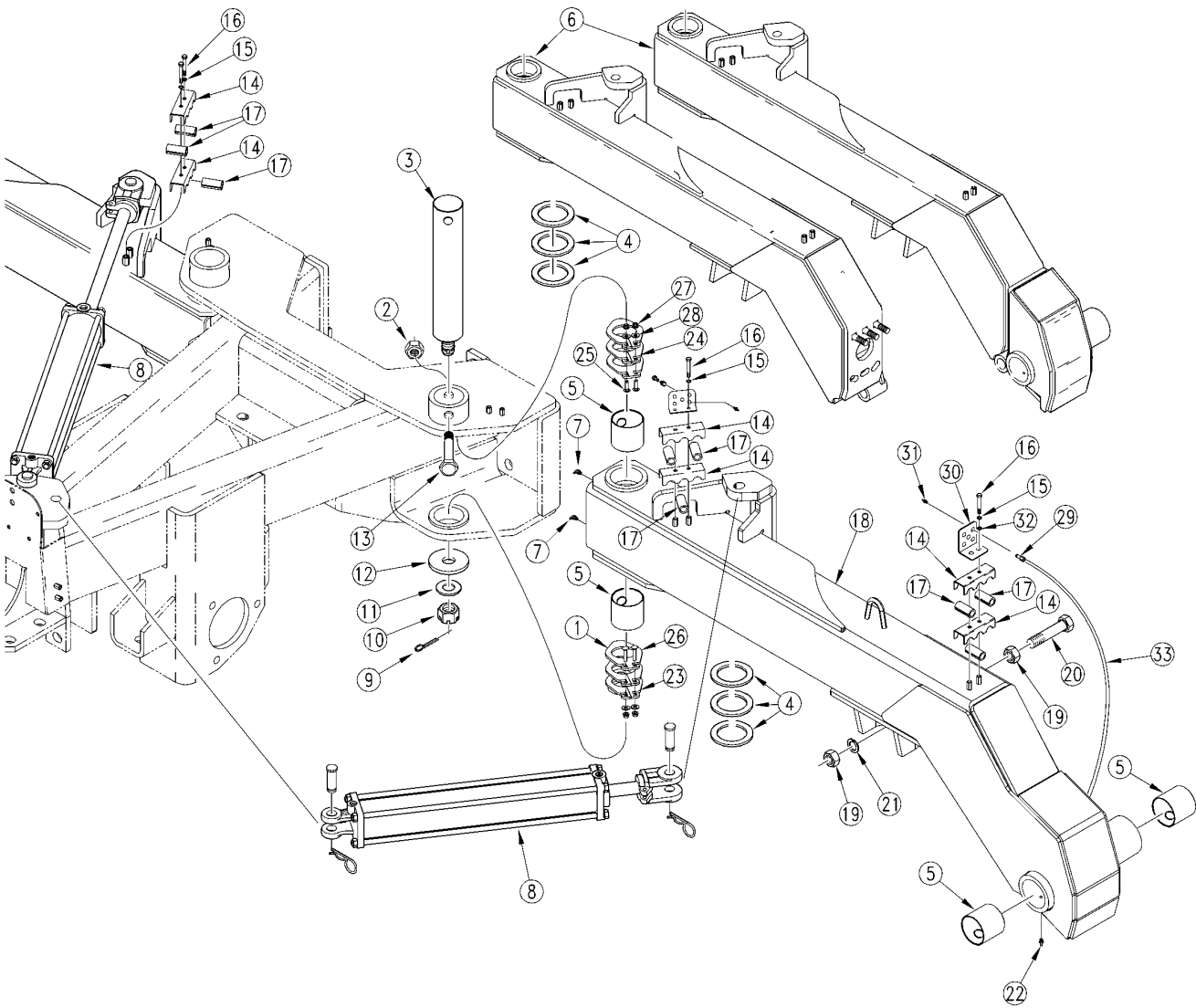
Transport Tires & Hub

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15441	Image No.		
1.	802-104C	BOLT WHEEL 1/2-20X1 90-DEG		
2.	155-012K	TRANSPORT WHEEL & TIRE ASSY	Includes items 3 through 5.	
3.	816-035C	VALVE STEM TR415X.625X1 1/4 LG		
4.	814-031C	TIRE 11L-15SL 12 PLY TUBELESS		
5.	814-023C	WHEEL 15 DIA X 10 WIDE X 6 BLT		
6.	818-752C	DECAL CAUTION TIRE 52 PSI		
7.	200-001D	HUB GREASE CAP		
8.	822-021C	BEARING CONE LM-67048		
9.	822-020C	BEARING CUP LM-67010		
10.	822-053C	BRG CUP 2.89ODX.58WD #LM501310		
11.	815-094C	HUB 6 BOLT 4570# W/CUPS PAINTD	Includes items 9 & 10.	
12.	822-048C	BRG CONE 1.62IDX.78WD#LM501349		
13.	816-265C	SEAL 1.875 ID X 3.00 OD QDS		
14.	181-064D	7/8 SPINDLE WASHER, HARDENED		
15.	805-016C	PIN COTTER 3/16 X 1 1/4 PLT		
16.	803-029C	NUT HEX SLOTTED 7/8-14 PLT		
17.	815-089C	SPINDLE SGL 1.98X11.00		
18.	815-090C	HUB & SPINDLE 6 BOLT 4570 LB	Includes items 7 through 17.	
19.	802-399C	HFS 1/2-20X1 1/2 GR5		
20.	152-215D	WHEEL REINFORCING RING	Only on outside dual gauge wheels.	
21.	802-153C	HHCS 5/8-11X3 3/4 GR5		
22.	803-024C	NUT LOCK 5/8-11 PLT		
23.	196-274K	RH TIRE/RIM 265/70B16.5 SKID 6	Includes items 24 through 26.	
23.	196-275K	LH TIRE/RIM 265/70B16.5 SKID 6	Includes items 24 through 26.	
24.	814-210C	VALVE STEM METAL TR-575 TUBLES		
25.	814-207C	TIRE SKID ST 265/70B16.5 NHS		
26.	814-209C	RIM 16.5X8.25, 6 BLT 4.63 PILT		

Toolbar To Mainframe

(Applies to 3S-3000, 3S-3000F only)



15442

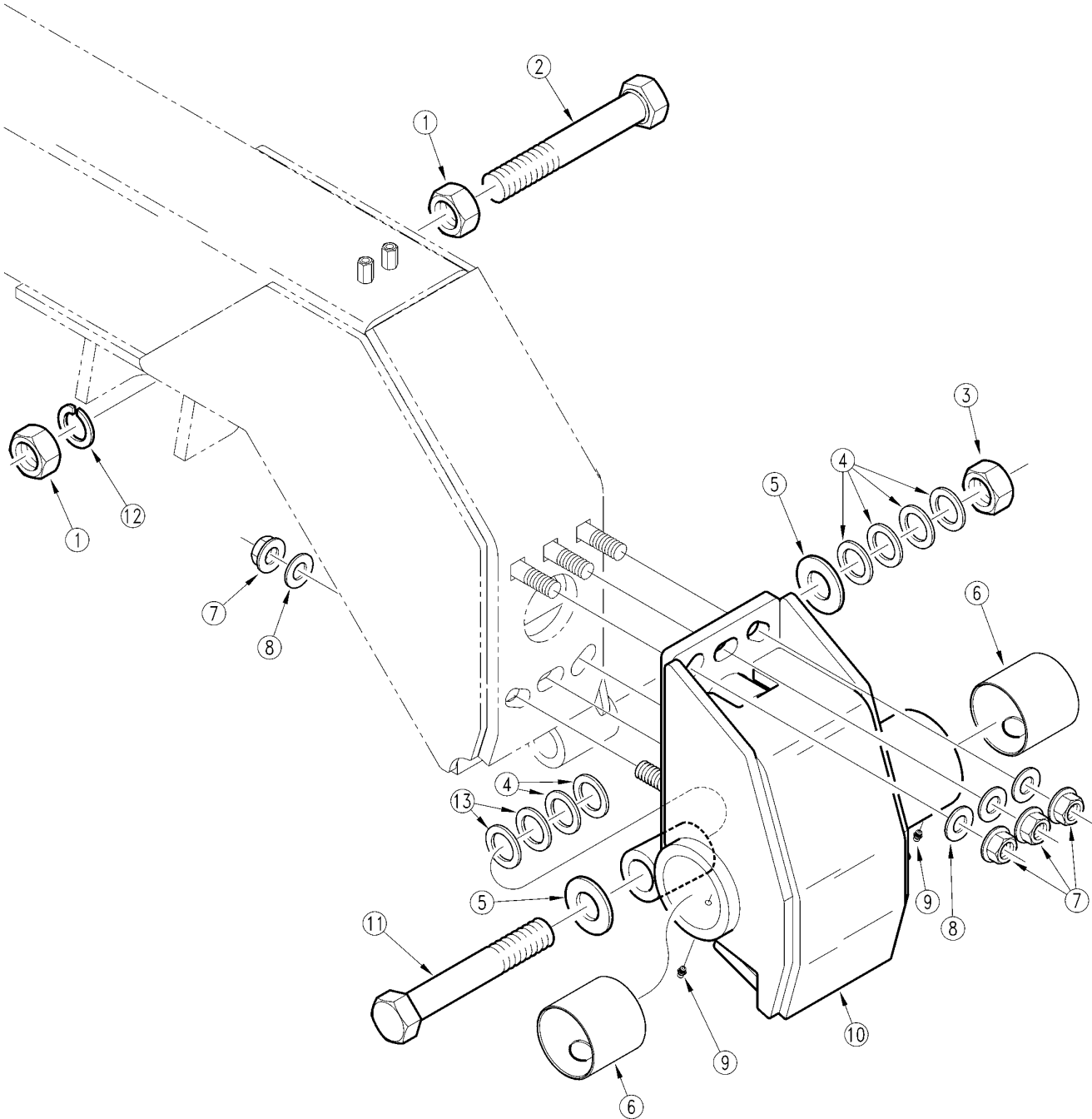
Toolbar To Mainframe

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15442	Image No.		
1.	194-525D	HARDENED SPACER WASHER W/SLOTS		
2.	803-028C	NUT NY-LOK 7/8-9 PLT		
3.	194-268D	TOOLBAR VERTICAL PIVOT PIN		
4.	194-270D	TOOLBAR SPACER WASHER		
5.	890-193C	STEEL BUSHING 3 1/4X3IDX3LONG		
6.	194-118H	TOOLBAR LH OBSO REPLBY194-151H	(S/N S1194-)	
6.	194-117H	TOOLBAR RH OBSO REPLBY194-150H	(S/N S1194-)	
7.	800-436C	ADAPT 90 SWIVEL 1/4-28M X 1/4	W/GB	JUL 2012+
8.	810-298C	CYL 3.5X20X1.5 ROD (TIE ROD)	Refer to page 11-19 for breakdown.	
9.	805-085C	PIN COTTER 5/16 X 2 1/2		
10.	803-079C	NUT HEX SLOTTED 1 1/4 - 7		
11.	804-035C	WASHER FLAT 1 1/4 USS PLT		
12.	197-001D	BOX HINGE PIVOT WASHER		
13.	802-178C	HHCS 7/8-9X5 1/2 GR5		
14.	196-112D	HOSE CLAMP BRACKET		
15.	804-009C	WASHER LOCK SPRING 5/16 PLT		
16.	802-705C	HHCS 5/16-18X5/8	W/GB	JUL 2012+
17.	113-370D	1/4 MARKER HYD HOSE GUARD		
18.	194-151H	3S-3000 TOOLBAR LH	Shown. (S/N S1195+)	
18.	194-150H	3S-3000 TOOLBAR RH	(S/N S1195+)	
19.	803-032C	NUT HEX JAM 1 1/4-7 PLT		
20.	802-273C	HHCS 1 1/4-7X4 1/2 GR5		
21.	804-030C	WASHER LOCK 1 1/4 SPRING PLT		
22.	800-211C	GREASE ADAPT 1/4-28M X 1/4 TB	W/GB	JUL 2012+
23.	194-526D	SPLIT SPACER WASHER, INNER LOCK		
24.	194-527D	SPLIT SPACER WASHER, OUTER LOCK		
25.	802-155C	RHSNB 3/8-16X1 1/4 GR5		
26.	802-252C	RHSNB 3/8-16X1 3/4 GR5		
27.	803-209C	NUT FLANGE LOCK 3/8-16 PLT		
28.	804-011C	WASHER FLAT 3/8 USS PLT		
29.	800-449C	AD PUSH 1/4 TUBE 1/8 FNPT		
30.	194-577D	5 OUTLET GREASE BANK		
31.	800-130C	GREASE ZERK STRAIGHT 1/8-27NPT		
32.	804-036C	WASHER FLAT 5/16 SAE PLT	W/GB	JUL 2012+
33.	990-109R	TUBE NYLON 1/4OD X 062WL	W/GB	JUL 2012+

Toolbar Pivots To Toolbars (S/N S1194-)

(Applies to 3S-3000, 3S-3000F only)



15443

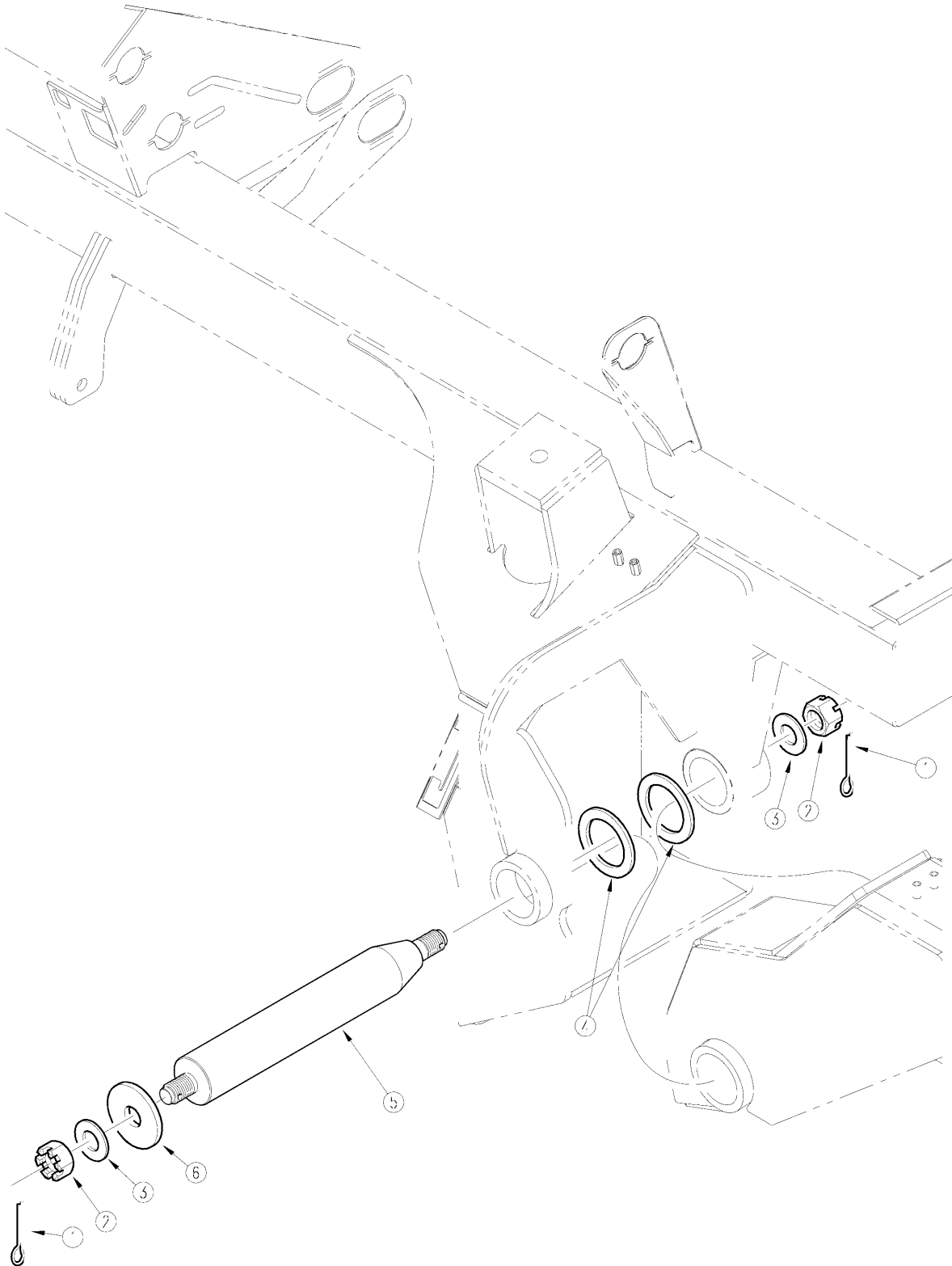
Toolbar Pivots To Toolbars (S/N S1194-)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15443	Image No.		
1.	803-032C	NUT HEX JAM 1 1/4-7 PLT		
2.	802-273C	HHCS 1 1/4-7X4 1/2 GR5		
3.	803-081C	NUT HEX 1 1/4-7 NYLON INSERT		
4.	804-062C	WASHER MACH 1.88 X 1.25 X 10GA		
5.	804-039C	WASHER FLAT 1 1/4 SAE PLT		
6.	890-193C	STEEL BUSHING 3 1/4X3IDX3LONG		
7.	803-214C	NUT HEX FLANGE 3/4-10 GR5 PLT		
8.	804-025C	WASHER FLAT 3/4 SAE PLT		
9.	800-001C	GREASE ZERK STRAIGHT 1/4-28		
10.	194-115H	TOOLBAR PIVOT WELDMENT LH		
10.	194-120H	TOOLBAR PIVOT WELDMENT RH		
11.	802-544C	HHCS 1 1/4-7X9 GR5 SPTH		
12.	804-030C	WASHER LOCK 1 1/4 SPRING PLT		
13.	804-141C	WASHER MACH 1.88 X 1.26 X .048		

Toolbar Pivots To Box Frames

(Applies to 3S-3000, 3S-3000F only)



15444

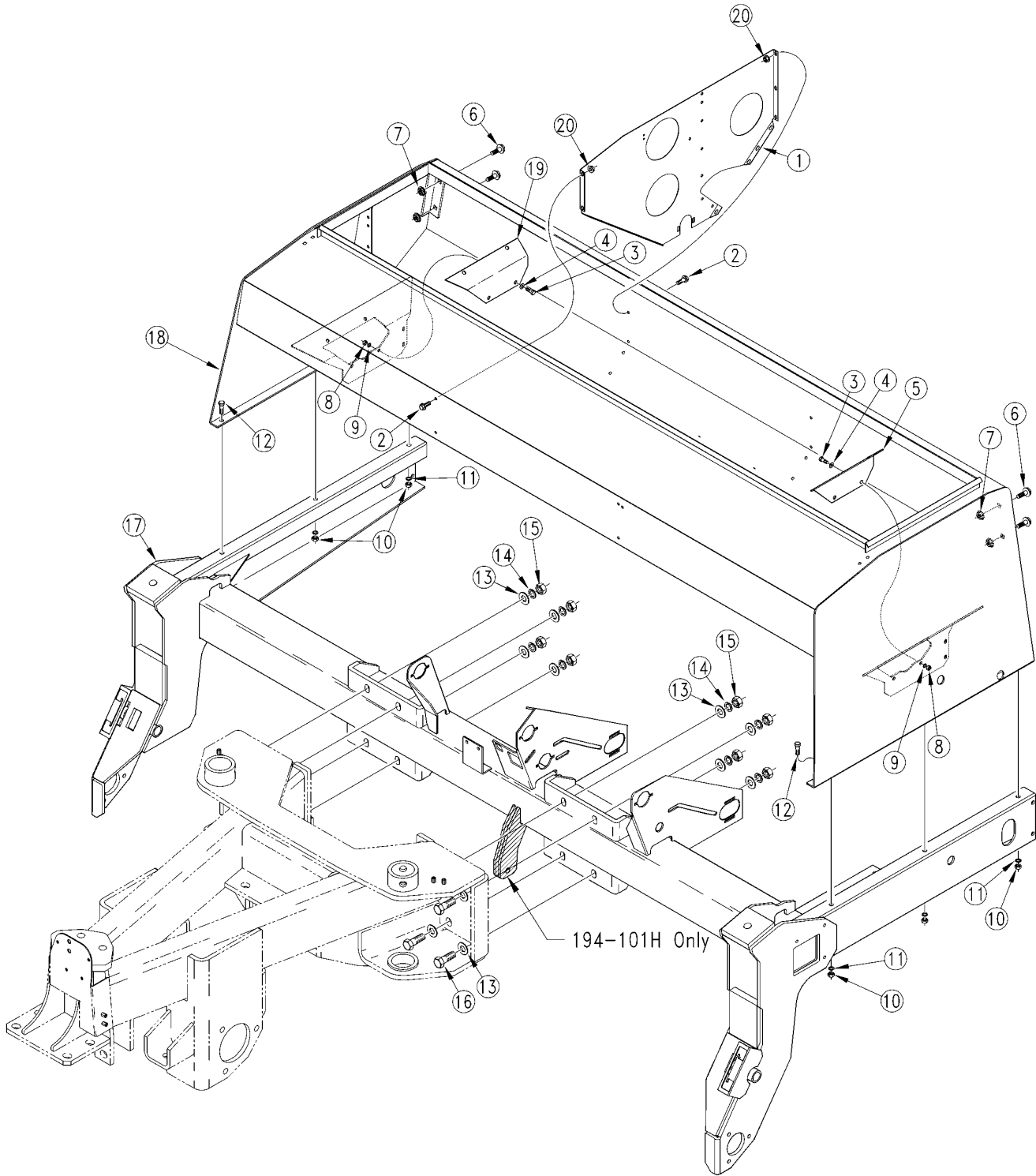
Toolbar Pivots To Box Frames

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15444	Image No.		
1.	805-085C	PIN COTTER 5/16 X 2 1/2		
2.	803-079C	NUT HEX SLOTTED 1 1/4 - 7		
3.	804-035C	WASHER FLAT 1 1/4 USS PLT		
4.	194-270D	TOOLBAR SPACER WASHER		
5.	194-269D	TOOLBAR HORIZONTAL PIVOT PIN		
6.	197-001D	BOX HINGE PIVOT WASHER		

Center Box And Center Frame To Mainframe

(Applies to 3S-3000, 3S-3000F only)



15445

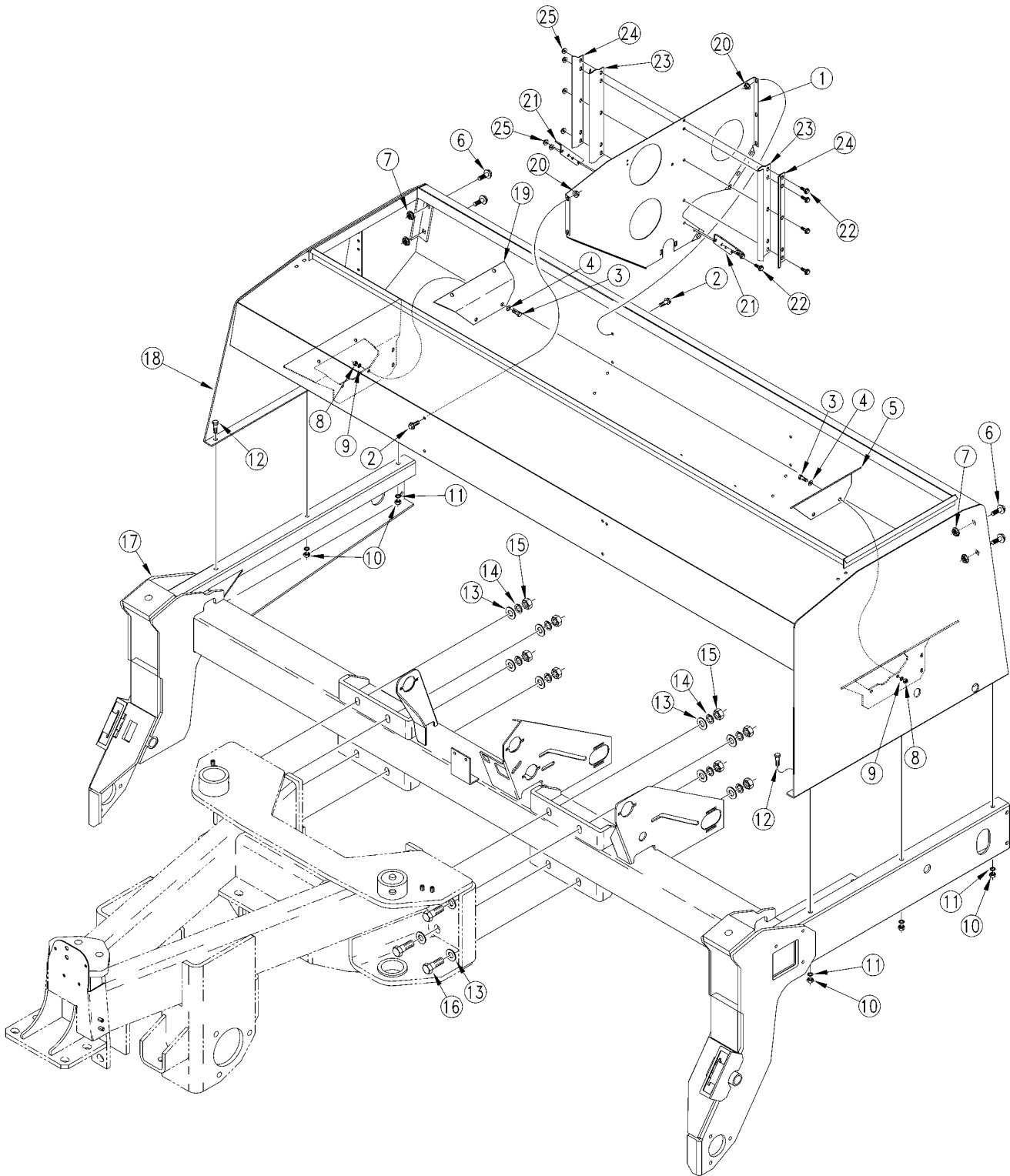
Center Box And Center Frame To Mainframe

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15445	Image No.		
1.	195-100D	3S BOX PARTITION		
2.	802-387C	HFS 5/16-18X3/4 GR5		
3.	802-079C	HHCS 3/8-16X1 1/4 GR5		
4.	804-011C	WASHER FLAT 3/8 USS PLT		
5.	195-101D	INTERIOR ENDPANEL COVER LH		
6.	802-203C	HFSS 1/2-13X1 1/2 GR5		
7.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
8.	803-014C	NUT HEX 3/8-16 PLT		
9.	804-013C	WASHER LOCK SPRING 3/8 PLT		
10.	803-020C	NUT HEX 1/2-13 PLT		
11.	804-015C	WASHER LOCK SPRING 1/2 PLT		
12.	802-034C	HHCS 1/2-13X1 1/4 GR5		
13.	804-134C	WASHER FLAT 7/8 USS PLT		
14.	804-037C	WASHER LOCK SPRING 7/8 PLT		
15.	803-049C	NUT HEX 7/8-9 PLT		
16.	802-103C	HHCS 7/8-9X2 3/4 GR5		
17.	194-146H	30'-3S CENTER BOX FRAME	(S/N S1022+)	Rev. 2 is not interchangeable w/rev. 1
17.	194-101H	30'-3S CENTER BOX FRAME	(S/N S1021-)	1st rev.
18.	195-123H	30'-3S SEED BOX		
19.	195-102D	INTERIOR ENDPANEL COVER RH		
20.	803-199C	NUT HEX FLANGE 5/16-18 PLT		

Center Box And Center Frame To Mainframe Fertilizer

(Applies to 3S-3000, 3S-3000F only)



16414

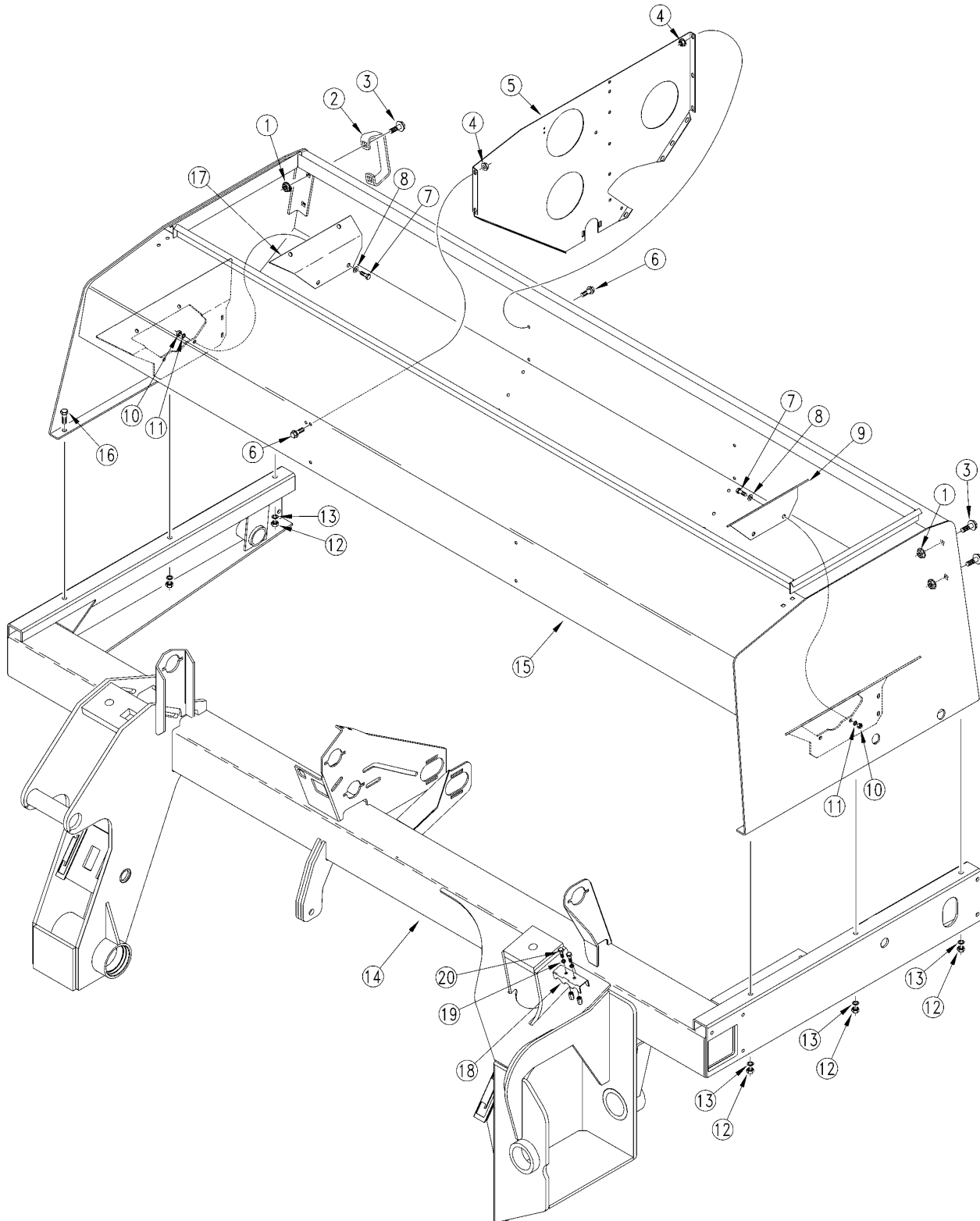
Center Box And Center Frame To Mainframe Fertilizer

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16414	Image No.		
1.	195-100D	3S BOX PARTITION		
2.	802-387C	HFS 5/16-18X3/4 GR5		
3.	802-079C	HHCS 3/8-16X1 1/4 GR5		
4.	804-011C	WASHER FLAT 3/8 USS PLT		
5.	195-101D	INTERIOR ENDPANEL COVER LH		
6.	802-203C	HFSS 1/2-13X1 1/2 GR5		
7.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
8.	803-014C	NUT HEX 3/8-16 PLT		
9.	804-013C	WASHER LOCK SPRING 3/8 PLT		
10.	803-020C	NUT HEX 1/2-13 PLT		
11.	804-015C	WASHER LOCK SPRING 1/2 PLT		
12.	802-034C	HHCS 1/2-13X1 1/4 GR5		
13.	804-134C	WASHER FLAT 7/8 USS PLT		
14.	804-037C	WASHER LOCK SPRING 7/8 PLT		
15.	803-049C	NUT HEX 7/8-9 PLT		
16.	802-103C	HHCS 7/8-9X2 3/4 GR5		
17.	194-146H	30'-3S CENTER BOX FRAME		
18.	195-132H	30'-3S SEED BOX W/ FERTILIZER		
19.	195-102D	INTERIOR ENDPANEL COVER RH		
20.	803-199C	NUT HEX FLANGE 5/16-18 PLT		
21.	195-205D	DIVIDER ANGLE BRACKET		
22.	802-442C	HFSS 5/16-18X1 1/4		
23.	195-206D	DIVIDER CLIP INNER		
24.	195-207D	DIVIDER CLIP OUTER		
25.	803-177C	803-184 FLG TP LK 5/16-18ZNYCR		

Wing Box To Wing Frame

(Applies to 3S-3000, 3S-3000F only)



15446

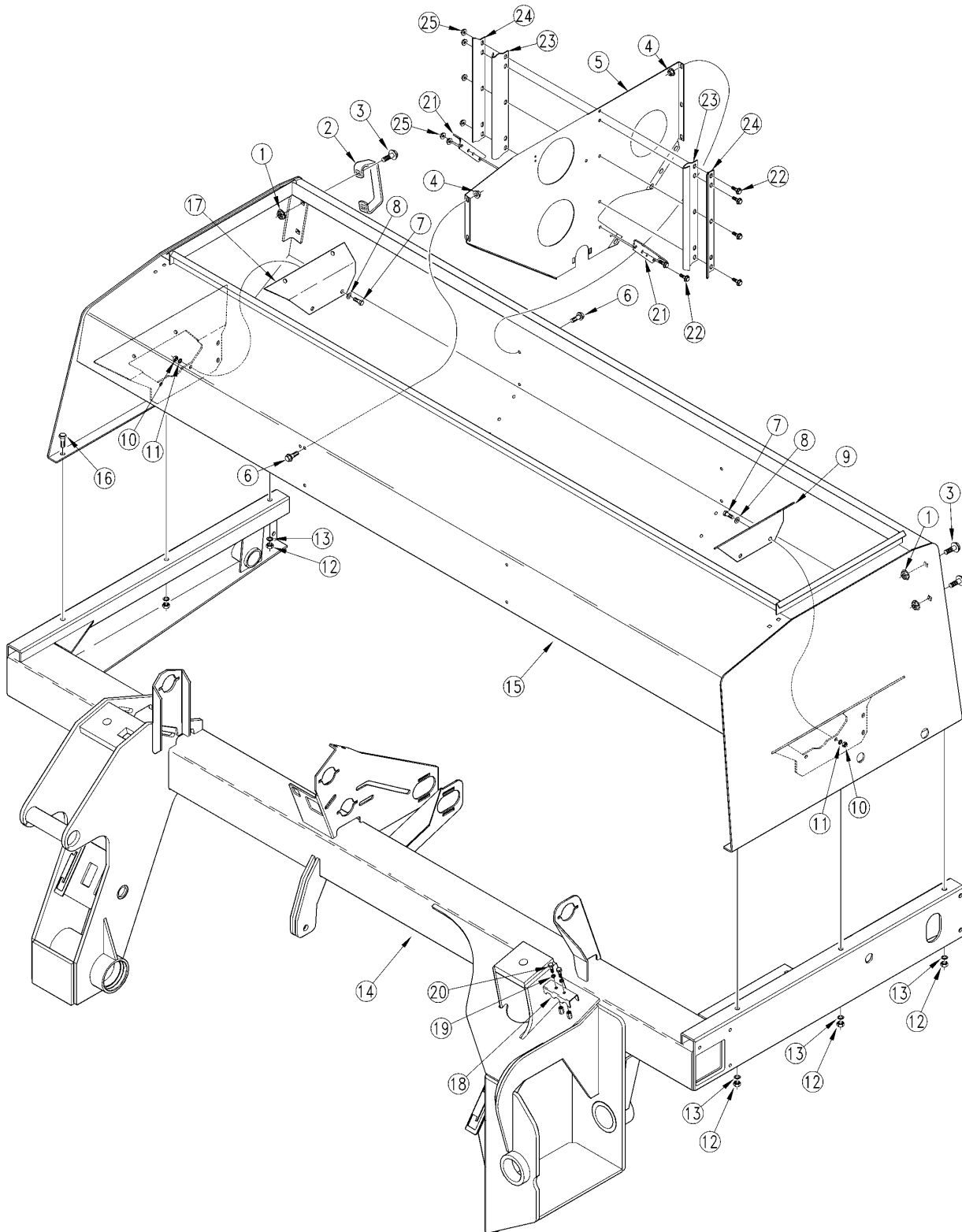
Wing Box To Wing Frame

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15446	Image No.		
1.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
2.	119-190D	HANDLE		
3.	802-203C	HFSS 1/2-13X1 1/2 GR5		
4.	803-199C	NUT HEX FLANGE 5/16-18 PLT		
5.	195-100D	3S BOX PARTITION		
6.	802-387C	HFS 5/16-18X3/4 GR5		
7.	802-079C	HHCS 3/8-16X1 1/4 GR5		
8.	804-011C	WASHER FLAT 3/8 USS PLT		
9.	195-101D	INTERIOR ENDPANEL COVER LH		
10.	803-014C	NUT HEX 3/8-16 PLT		
11.	804-013C	WASHER LOCK SPRING 3/8 PLT		
12.	803-020C	NUT HEX 1/2-13 PLT		
13.	804-015C	WASHER LOCK SPRING 1/2 PLT		
14.	194-145H	30'-3S WING BOX FRAME RH	S/N S1022+ (shown)	Rev. 2 is not interchangeable w/rev. 1
14.	194-102H	30'-3S WING BOX FRAME RH	S/N S1021-	1st rev.
14.	194-147H	30'-3S WING BOX FRAME LH	S/N S1022+	Rev. 2 is not interchangeable w/rev. 1
14.	194-100H	30'-3S WING BOX FRAME LH	S/N S1021-	1st rev.
15.	195-123H	30'-3S SEED BOX		
16.	802-034C	HHCS 1/2-13X1 1/4 GR5		
17.	195-102D	INTERIOR ENDPANEL COVER RH		
18.	196-112D	RPBY 196-146D		
19.	804-009C	WASHER LOCK SPRING 5/16 PLT		
20.	802-010C	HHCS 5/16-18X1 1/4 GR5		

Wing Box To Wing Frame Fertilizer

(Applies to 3S-3000, 3S-3000F only)



16416

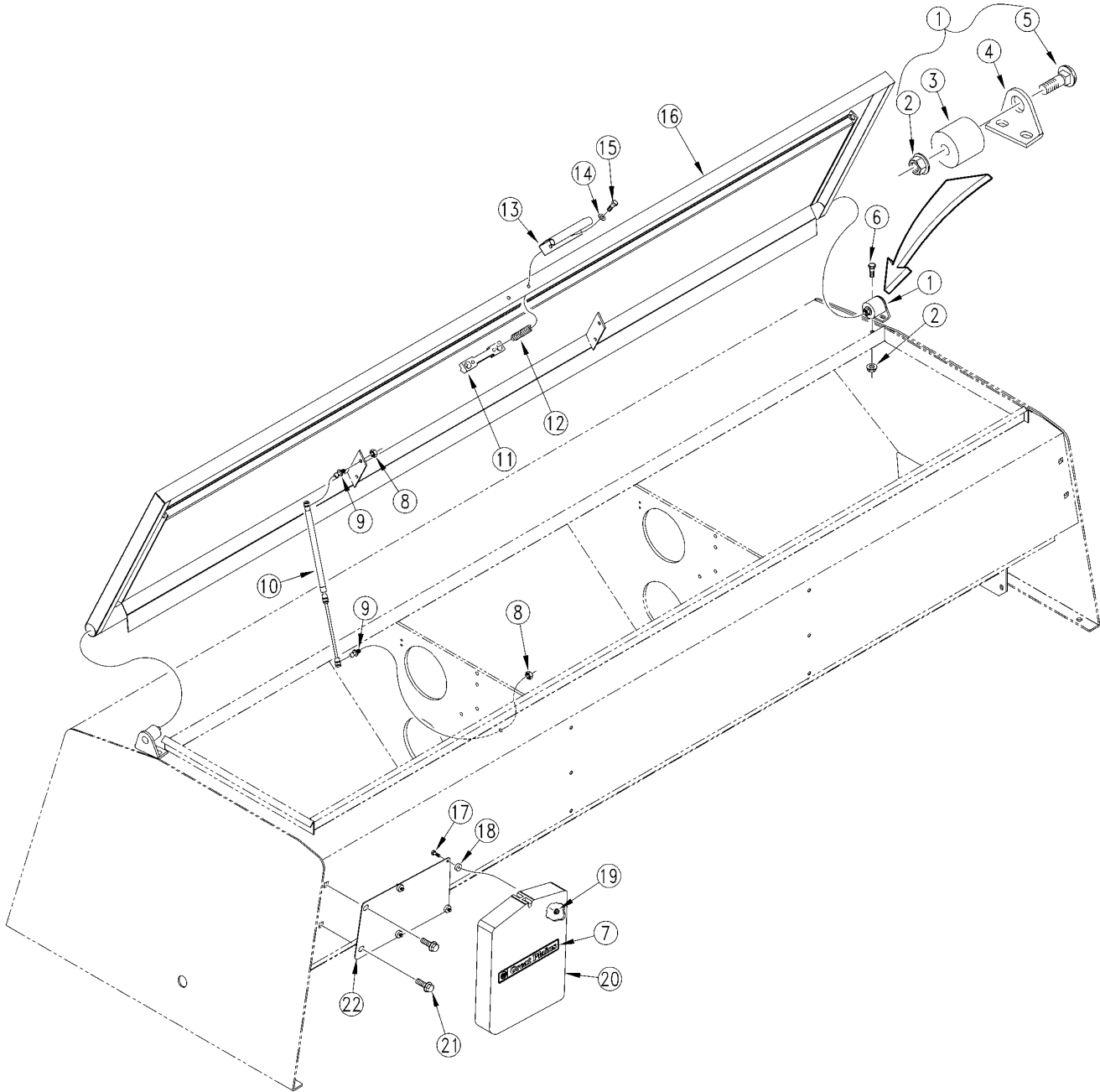
Wing Box To Wing Frame Fertilizer

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16416	Image No.		
1.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
2.	119-190D	HANDLE		
3.	802-203C	HFSS 1/2-13X1 1/2 GR5		
4.	803-199C	NUT HEX FLANGE 5/16-18 PLT		
5.	195-100D	3S BOX PARTITION		
6.	802-387C	HFS 5/16-18X3/4 GR5		
7.	802-079C	HHCS 3/8-16X1 1/4 GR5		
8.	804-011C	WASHER FLAT 3/8 USS PLT		
9.	195-101D	INTERIOR ENDPANEL COVER LH		
10.	803-014C	NUT HEX 3/8-16 PLT		
11.	804-013C	WASHER LOCK SPRING 3/8 PLT		
12.	803-020C	NUT HEX 1/2-13 PLT		
13.	804-015C	WASHER LOCK SPRING 1/2 PLT		
14.	194-145H	30'-3S WING BOX FRAME RH		
14.	194-147H	30'-3S WING BOX FRAME LH		
15.	195-132H	30'-3S SEED BOX W/ FERTILIZER		
16.	802-034C	HHCS 1/2-13X1 1/4 GR5		
17.	195-102D	INTERIOR ENDPANEL COVER RH		
18.	196-112D	RPBY 196-146D		
19.	804-009C	WASHER LOCK SPRING 5/16 PLT		
20.	802-010C	HHCS 5/16-18X1 1/4 GR5		
21.	195-205D	DIVIDER ANGLE BRACKET		
22.	802-442C	HFSS 5/16-18X1 1/4		
23.	195-206D	DIVIDER CLIP INNER		
24.	195-207D	DIVIDER CLIP OUTER		
25.	803-177C	803-184 FLG TP LK 5/16-18ZNYCR		

Lid To Box

(Applies to 3S-3000, 3S-3000F only)



22523

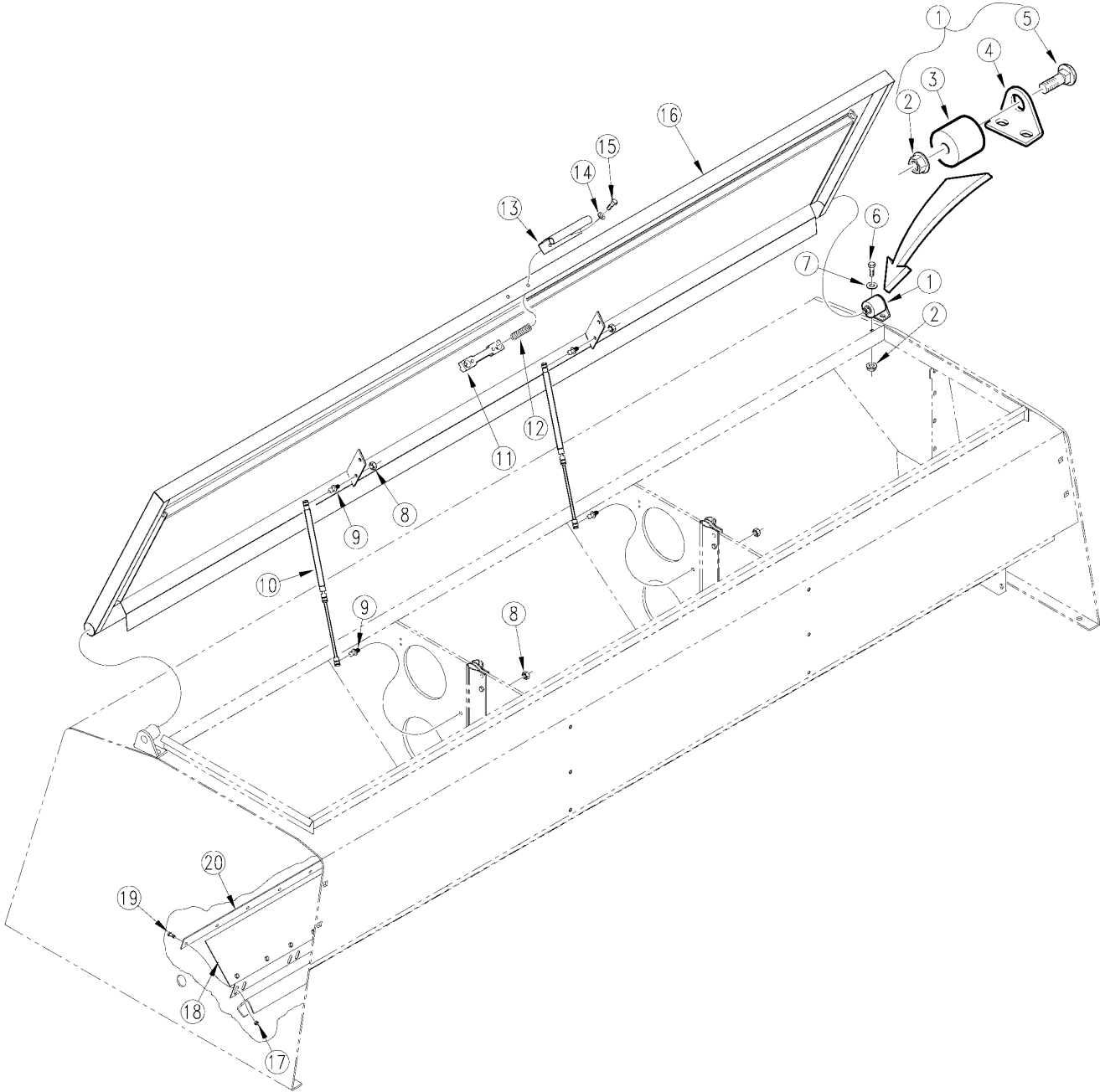
Lid To Box

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg22523	Image No.		
1.	175-180S	13' EW LID HINGE ASSEMBLY	Includes items 2 through 5	
2.	803-209C	NUT FLANGE LOCK 3/8-16 PLT		
3.	313-186D	LID HINGE PIVOT		
4.	313-176D	LID HINGE BASE PLATE		
5.	802-411C	RHSNB 3/8-16X2 GR5		
6.	802-015C	RHSNB 3/8-16X1 GR5		
7.	838-482C	DECAL GP PLANTING COMPONENTS		
8.	803-011C	NUT LOCK 5/16-18 PLT		
9.	800-121C	BALL STUD 10MM X 5/16-18 X 1/2	Includes two of item 9	
10.	890-221C	12-20 X 90 LB GAS SPRING		
11.	119-153D	LATCH CASTING MACHINED		
12.	807-106C	SPRING .540 O.D.X 1 1/4 X.054W		
13.	119-154D	LID HANDLE		
14.	804-036C	WASHER FLAT 5/16 SAE PLT		
15.	802-425C	HHCS 5/16-18X1 1/4 NYL		
16.	195-125H	LID 104 SEED		
17.	802-004C	HHCS 1/4-20X3/4 GR5		
18.	817-042C	MINI END WHEEL PRESS WHEEL		
19.	803-293C	NUT HEX FLNG T-LOCK 1/4-20 YLW		
20.	817-516C	MANUAL PAK 1" W/ GASKET		
21.	802-203C	HFSS 1/2-13X1 1/2 GR5		
22.	248-251D	MANUAL PAK MOUNTING PLATE		

Lid To Box Fertilizer

(Applies to 3S-3000, 3S-3000F only)



16418

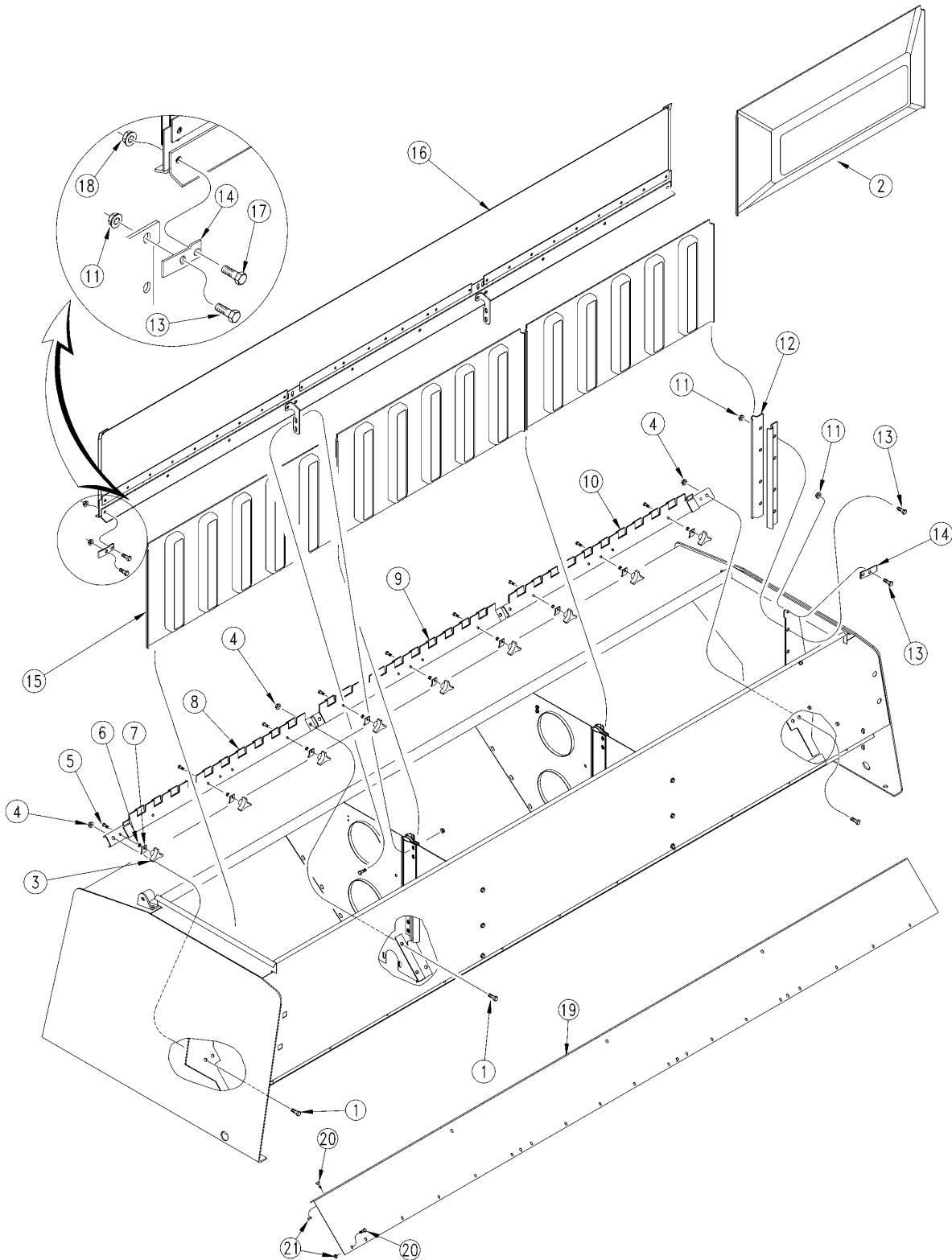
Lid To Box Fertilizer

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16418	Image No.		
1.	313-076S	LID HINGE ASSEMBLY PS25120	Includes items 2-5	
2.	803-209C	NUT FLANGE LOCK 3/8-16 PLT		
3.	313-186D	LID HINGE PIVOT		
4.	313-176D	LID HINGE BASE PLATE		
5.	802-411C	RHSNB 3/8-16X2 GR5		
6.	802-017C	HHCS 3/8-16X1 GR5		
7.	804-011C	WASHER FLAT 3/8 USS PLT		
8.	803-011C	NUT LOCK 5/16-18 PLT		
9.	800-121C	BALL STUD 10MM X 5/16-18 X 1/2	Includes two of item 9	
10.	890-308C	9 1/4-15 X 70LB GAS SPRING		
11.	119-153D	LATCH CASTING MACHINED		
12.	807-106C	SPRING .540 O.D.X 1 1/4 X.054W		
13.	119-154D	LID HANDLE		
14.	804-036C	WASHER FLAT 5/16 SAE PLT		
15.	802-425C	HHCS 5/16-18X1 1/4 NYL		
16.	195-125H	LID 104 SEED		
17.	803-088C	NUT HEX LOCK 1/4-20 FLG		
18.	195-177S	SEED/FERT FLAP SUBASSY	Refer to "Seed / Fertilizer Flap (195-177S)" for breakdown.	
19.	802-375C	HFSS 1/4-20X1 GR5		
20.	195-198D	HINGE CLAMP STRIP ENDS	End strip	
20.	195-197D	HINGE CLAMP STRIP CTR	Center strip	

Box Divider Fertilizer

(Applies to 3S-3000, 3S-3000F only)



34110

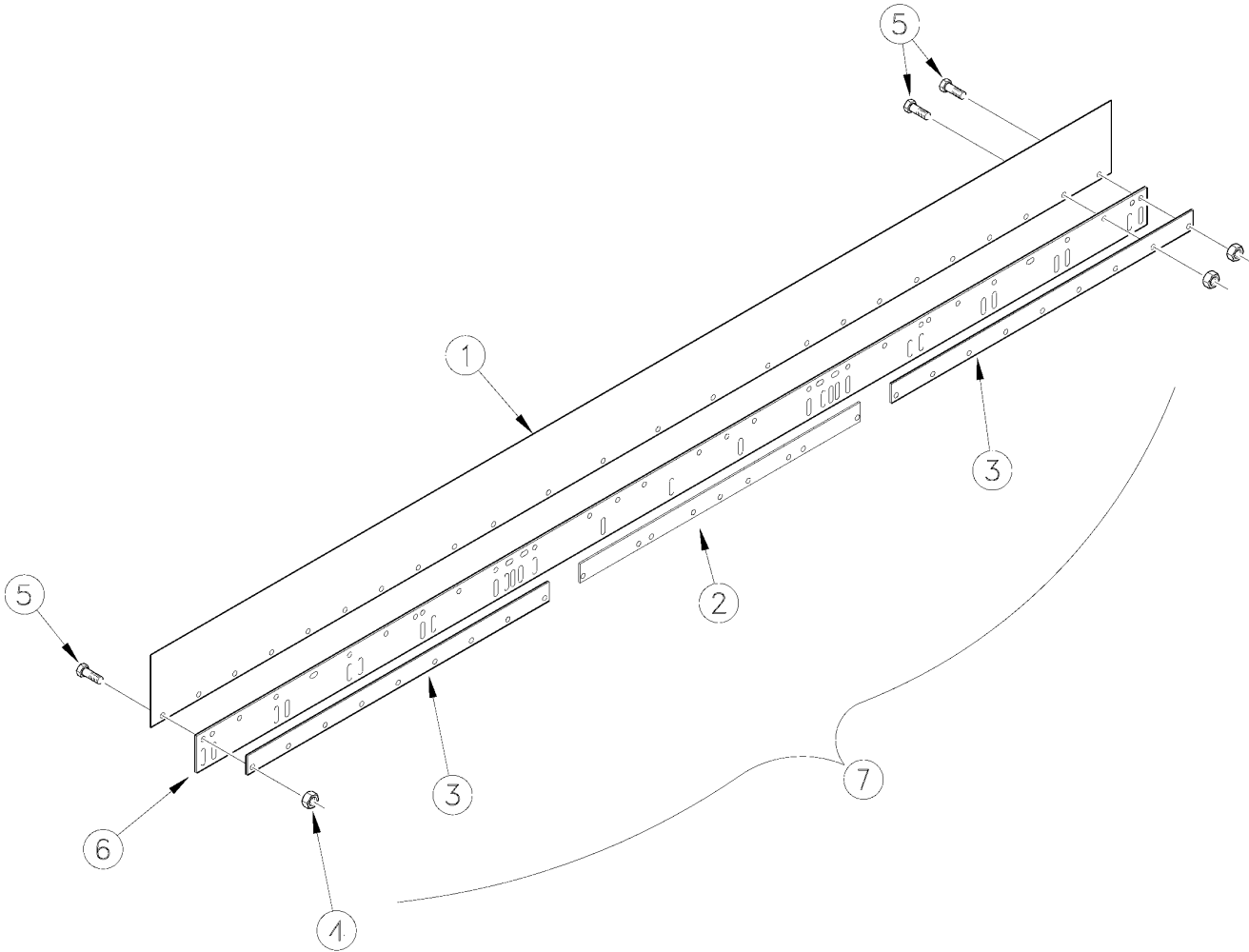
Box Divider Fertilizer

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg34110	Image No.		
1.	802-017C	HHCS 3/8-16X1 GR5		
2.	817-322C	DIVIDER INSERT 33 X 4.5 OFFSET		
3.	817-324C	KNOB 1/4-20 FEMALE THD		
4.	803-209C	NUT FLANGE LOCK 3/8-16 PLT		
5.	802-005C	HHCS 1/4-20X1 GR5		
6.	803-007C	NUT LOCK 1/4-20 PLT		
7.	195-208D	RETAINER CLIP		
8.	195-182H	DIVIDER BOTTOM BRACKET LH		
9.	195-181H	DIVIDER BOTTOM BRACKET CTR		
10.	195-183H	DIVIDER BOTTOM BRACKET RH		
11.	803-199C	NUT HEX FLANGE 5/16-18 PLT		
12.	195-194D	DIVIDER CLIP, END MOUNTED		
13.	802-387C	HFS 5/16-18X3/4 GR5		
14.	195-193D	TOP BAR END BRACE		
15.	817-321C	DIVIDER INSERT 33 X NO OFFSET		
16.	195-176S	SPILL FLAP SUBASSY		
17.	802-375C	HFSS 1/4-20X1 GR5		
18.	803-088C	NUT HEX LOCK 1/4-20 FLG		
19.	195-336D	3000 FERTILIZER CAP PLATE		
20.	802-196C	HFSS 1/4-20X5/8 GR5		
21.	803-088C	NUT HEX LOCK 1/4-20 FLG		

Seed/Fertilizer Flap (195-177S)

(Applies to 3S-3000, 3S-3000F only)



16462

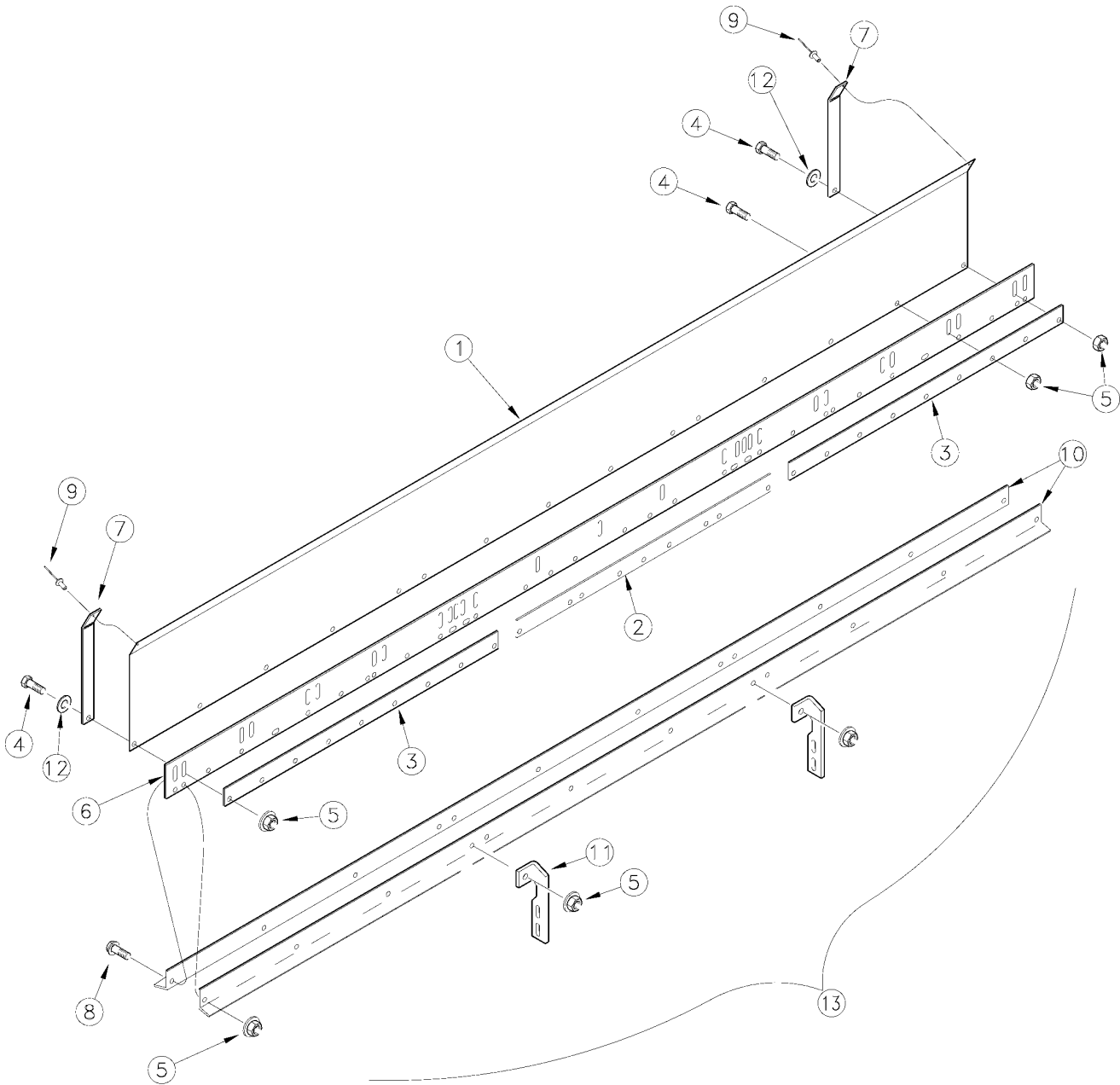
Seed/Fertilizer Flap (195-177S)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16462	Image No.		
1.	195-196D	SEED/FERTILIZER SELECT FLAP		
2.	195-197D	HINGE CLAMP STRIP CTR		
3.	195-198D	HINGE CLAMP STRIP ENDS		
4.	803-007C	NUT-LOCK 1/4-20 PLT		
5.	802-078C	HHCS 1/4-20X5/8 GR5		
6.	816-277C	RUBBER BELTING HINGE		
7.	195-177S	SEED/FERT FLAP SUBASSY	Includes items 1-6	

Spill Flap Fertilizer (195-176S)

(Applies to 3S-3000, 3S-3000F only)



16461

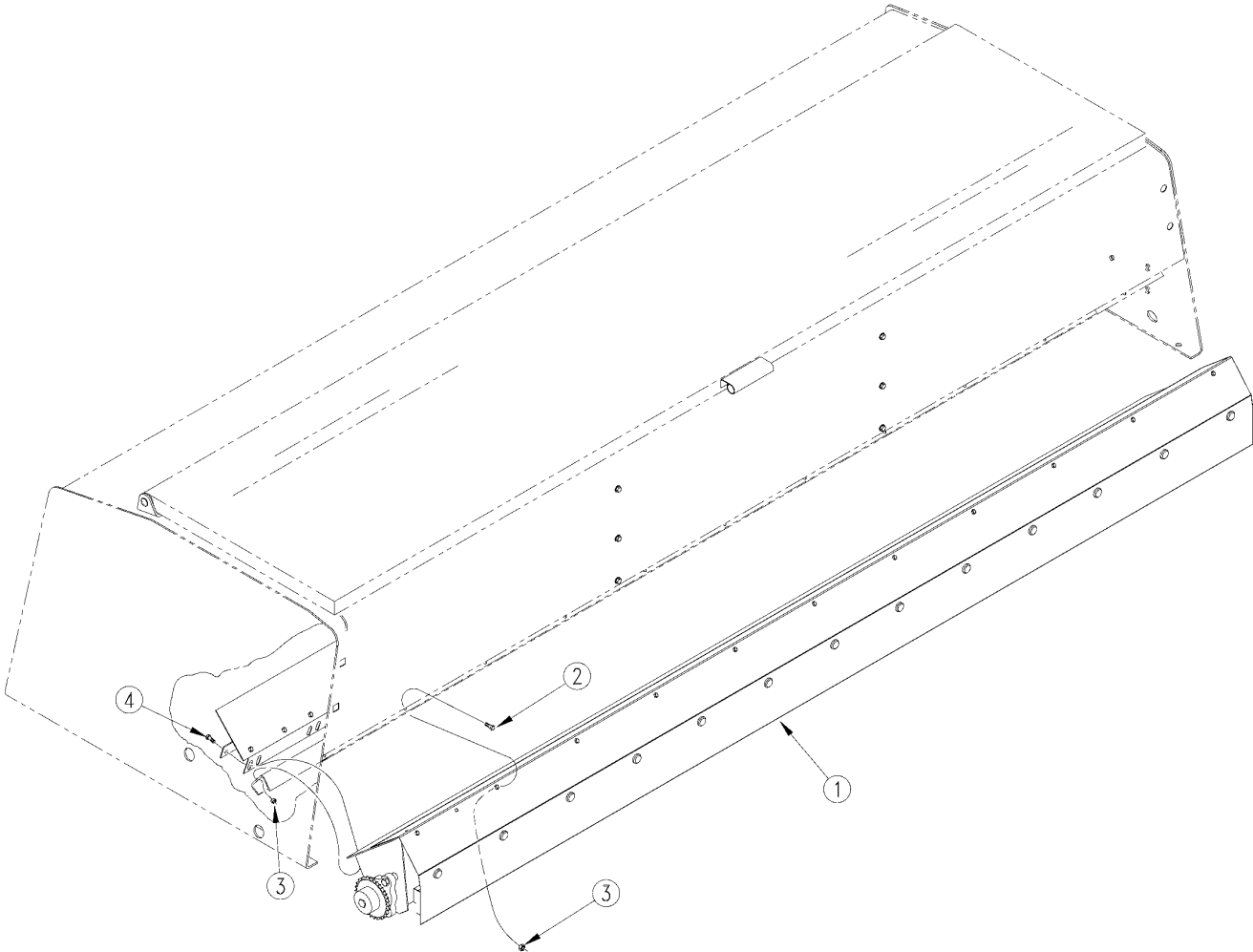
Spill Flap Fertilizer (195-176S)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16461	Image No.		
1.	195-195D	SPILL FLAP		
2.	195-197D	HINGE CLAMP STRIP CTR		
3.	195-198D	HINGE CLAMP STRIP ENDS		
4.	802-078C	HHCS 1/4-20X5/8 GR5		
5.	803-088C	NUT HEX LOCK 1/4-20 FLG		
6.	816-277C	RUBBER BELTING HINGE		
7.	816-278C	RUBBER BELTING SEAL STRIP		
8.	802-375C	HFSS 1/4-20X1 GR5		
9.	800-012C	RIVET SS 1/8 DIA		
10.	195-191D	DIVIDER CLAMP ANGLE		
11.	195-192D	TOP BAR PARTITION BRACE		
12.	804-007C	WASHER FLAT 1/4 SAE PLT		
13.	195-176S	SPILL FLAP SUBASSY	Includes items 1-12	

Fertilizer Tray To Box

(Applies to 3S-3000, 3S-3000F only)



16463

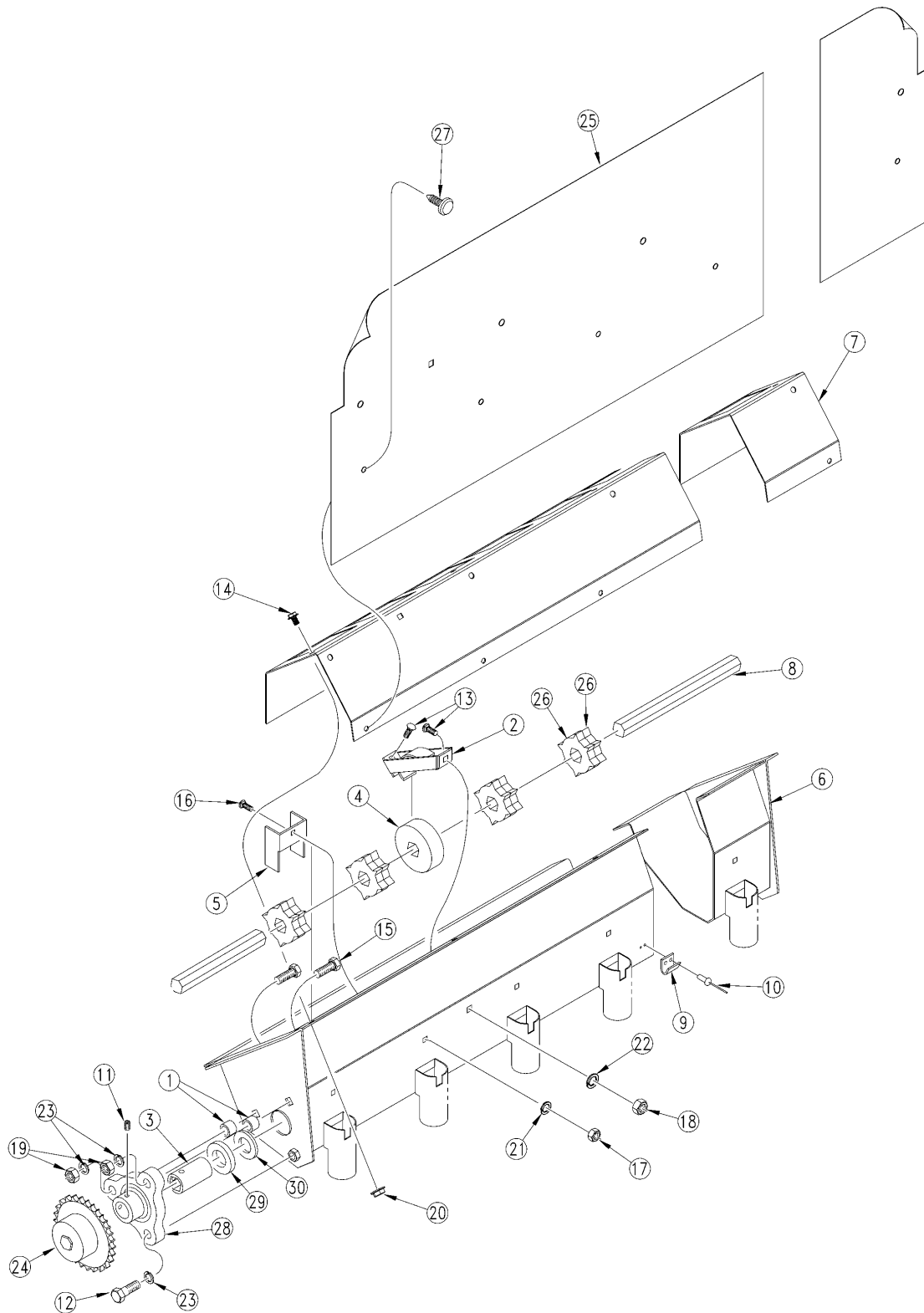
Fertilizer Tray To Box

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16463	Image No.		
1.	195-178S	FERT TRAY ASSEMBLY 6	Refer to "Fertilizer Tray" for breakdown.	
1.	195-179S	FERT TRAY ASSEMBLY 7 1/2	Refer to "Fertilizer Tray" for breakdown.	
1.	195-180S	FERT TRAY ASSEMBLY 10	Refer to "Fertilizer Tray" for breakdown.	
2.	802-196C	HFSS 1/4-20X5/8 GR5		
3.	803-088C	NUT HEX LOCK 1/4-20 FLG		
4.	802-375C	HFSS 1/4-20X1 GR5		

Fertilizer Tray

(Applies to 3S-3000, 3S-3000F only)



16464

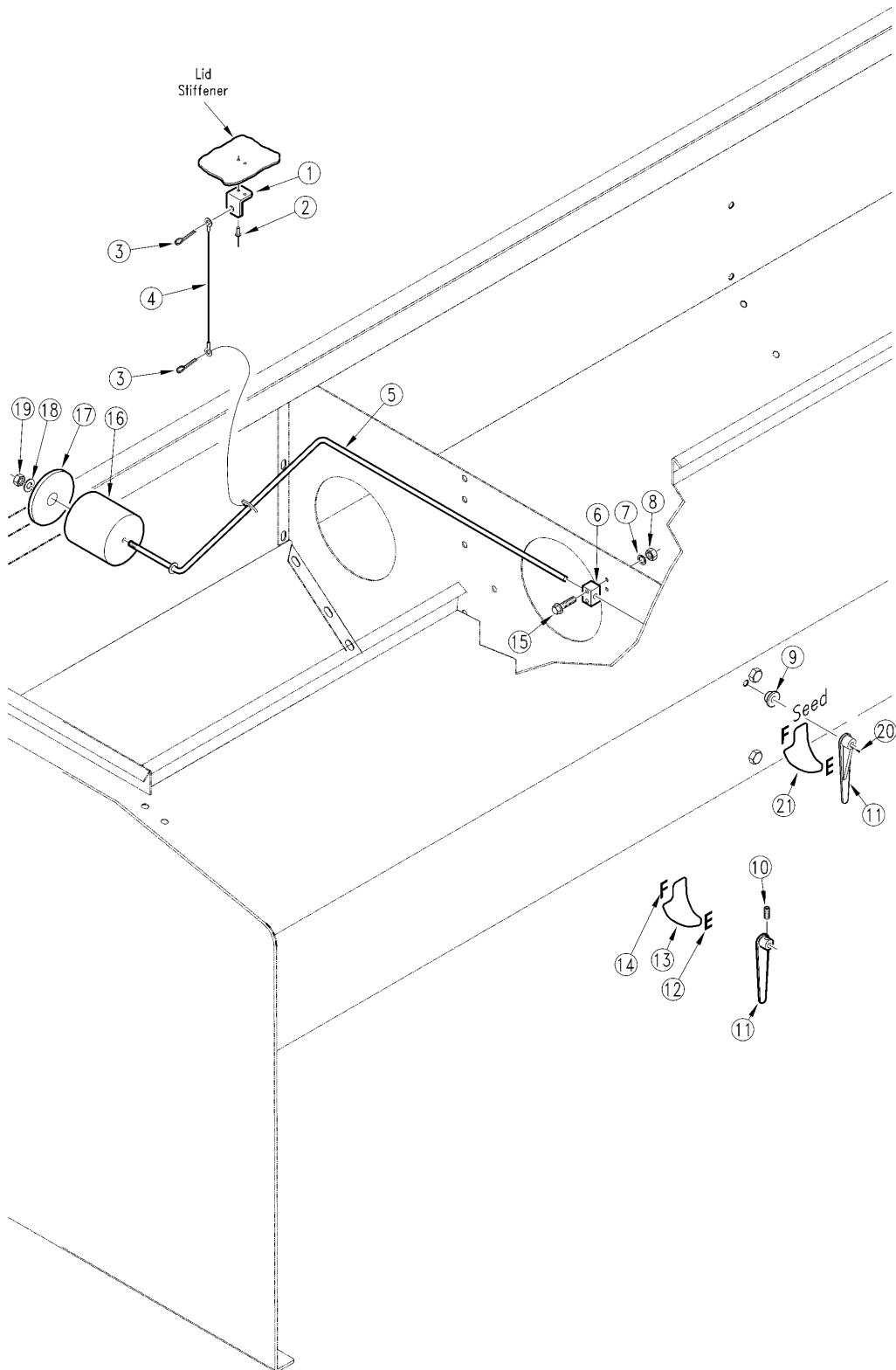
Fertilizer Tray

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16464	Image No.		
1.	141-084D	TRAY BEARING SPACER		
2.	175-102H	13' EW FERT BEARING RETAINER		
3.	191-001D	MF FERT.75 HEX BORE BUSHING		
4.	191-002D	MF FERT HEX BORE PLASTIC BUSH		
5.	191-018D	MF FERT STAR RETAINER SIDE PLT		
6.	195-146H	FERT TRAY WELDMENT 7 1/2		
6.	195-147H	FERT TRAY WELDMENT 6		
6.	195-148H	FERT TRAY WELDMENT 10		
7.	195-199D	FERT TRAY ADAPTER PANEL		
8.	195-204D	SHAFT 3/4 HEX 109 PLT		
9.	800-032C	LATCH STRIKE		
10.	800-012C	RIVET SS 1/8 DIA		
11.	801-009C	SCREW SET 1/4-28 SH X 1/2 LG		
12.	802-079C	HHCS 3/8-16X1 1/4 GR5		
13.	802-092C	RHSNB 5/16-18X3/4 GR5		
14.	802-148C	HFSS 1/4-20X1/2 GR5		
15.	802-252C	RHSNB 3/8-16X1 3/4 GR5		
16.	802-633C	RHSNB 1/4-20X5/8 PLT		
17.	803-006C	NUT-HEX 1/4-20 PLT		
18.	803-008C	NUT HEX 5/16-18 PLT		
19.	803-014C	NUT HEX 3/8-16 PLT		
20.	803-088C	NUT HEX LOCK 1/4-20 FLG		
21.	804-006C	WASHER LOCK SPRING 1/4 PLT		
22.	804-009C	WASHER LOCK SPRING 5/16 PLT		
23.	804-013C	WASHER LOCK SPRING 3/8 PLT		
24.	808-086C	SPKT 40B30 X 3/4 HEXBORE W/ SS		
25.	816-279C	VINYL FERTILIZER DEW SHIELD		
26.	817-053C	6 POINT FERT METERING WHEEL		
27.	817-323C	NYLON RATCHET (TREE RIVET)		
28.	822-083C	BRG FLG 1.25ID 3BOLT		
29.	890-026C	FELT SEAL		
30.	804-048C	WASHER MACH 2 1/2X1 3/4X.075		

Seed Level Indicator

(Applies to 3S-3000, 3S-3000F only)



15448

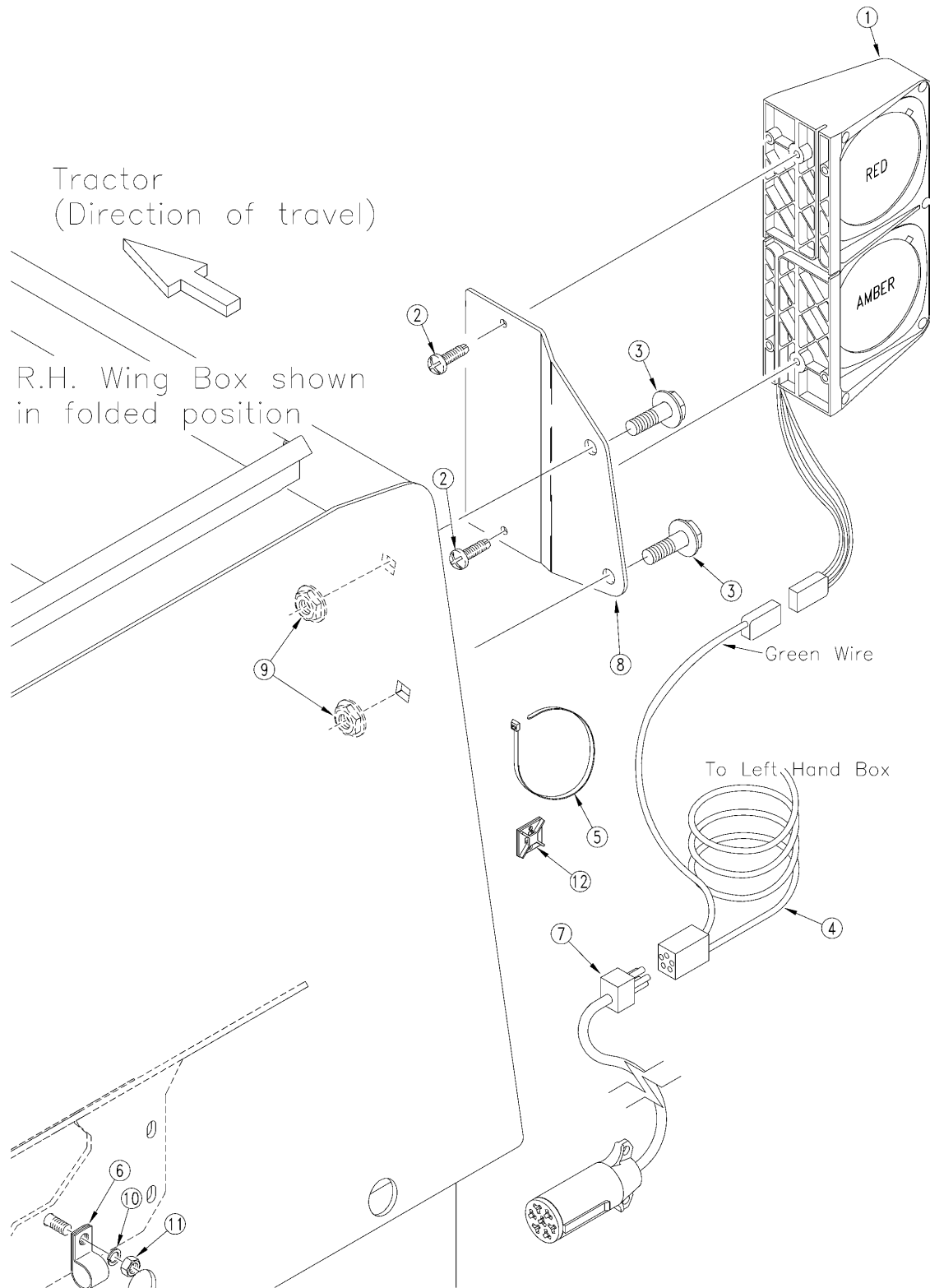
Seed Level Indicator

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15448	Image No.		
1.	197-091D	SEED LEVEL CHAIN BRACKET		
2.	800-101C	RIVET POP 1/8X.265LG FLG		
3.	805-067C	PIN COTTER 1/8 X 3/4		
4.	890-305C	CABLE 3/64 X 11 5/8 W/ EYELETS		
5.	195-124H	3S SEED LEVEL ROD		
6.	817-202C	SEED LEVEL ARM MOUNT		
7.	804-054C	WASHER LOCK #10		
8.	803-001C	NUT HEX 10-24 PLT		
9.	817-086C	SEED LEVEL BUSHING		
10.	801-045C	SCREW SET 1/4-28X1/4 KNL CUP		
11.	817-350C	SEED LEVEL INDICATOR	Use with item 20.	2nd rev.
11.	197-023H	INDICATOR OB RPLCD BY 817-350C	Use with item 10.	Use existing stock; 1st rev.
12.	818-295C	DECAL LETTER E	No longer available. Order part no. 838-237C.	
13.	818-392C	DECAL SEED LEVEL, NOTCHED	No longer available. Order part no. 838-237C.	
14.	818-296C	DECAL LETTER F	No longer available. Order part no. 838-237C..	
15.	801-096C	HFS 10-24 X 1 1/8 PLTD		
16.	197-089D	FOAM FLOAT		
17.	197-096D	FOAM FLOAT WASHER		
18.	804-075C	WASHER FLAT 1/4 USS PLT		
19.	803-003C	.00 HEX SS 1/4-20 NYLOCK		
20.	801-154C	SCR HEX HD SHT MET #8 X 1/2		
21.	838-237C	DECAL SEED LEVEL LH		

Light

(Applies to 3S-3000, 3S-3000F only)



15449

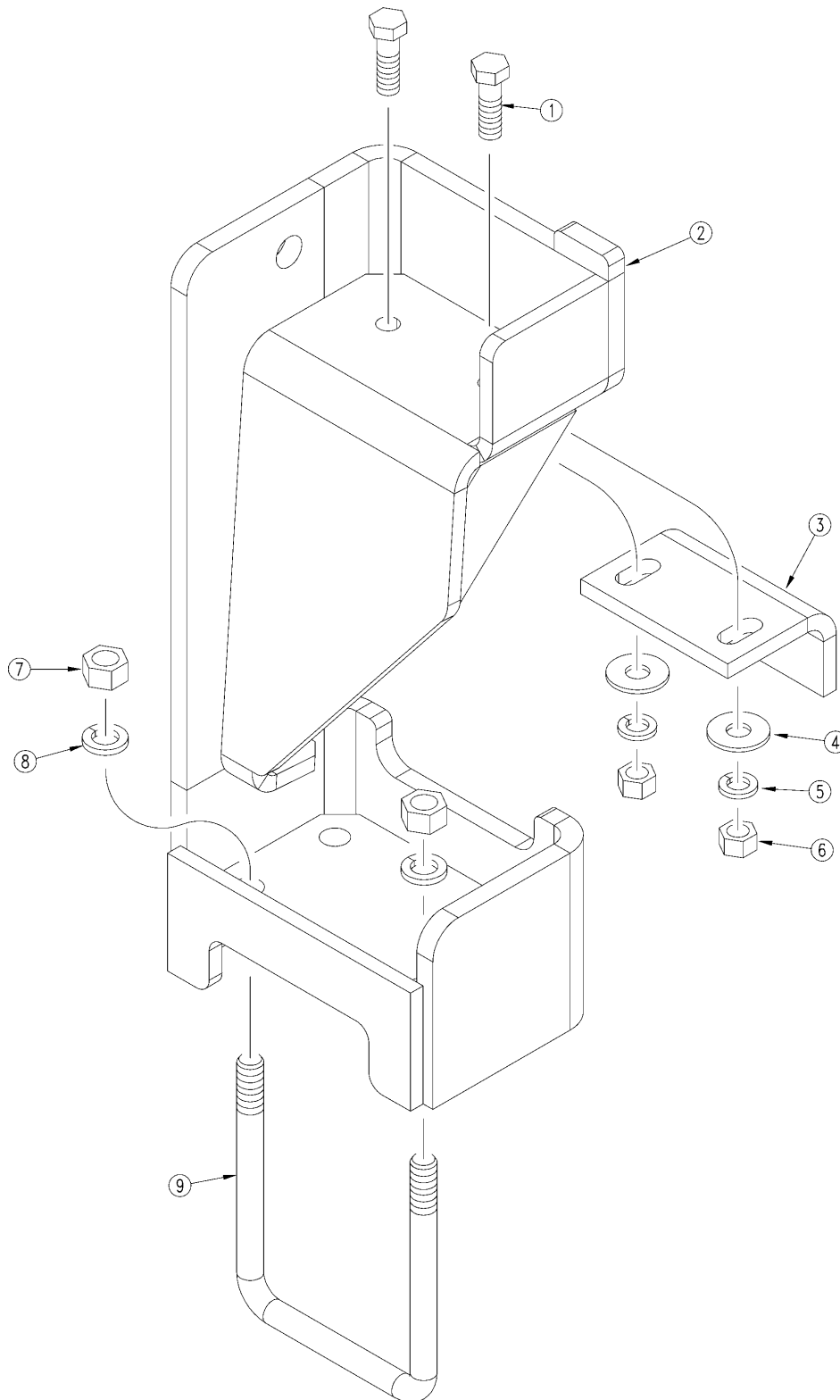
Light

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15449	Image No.		
1.	890-312C	DUAL AG LIGHTS RH	Shown	
1.	890-311C	DUAL AG LIGHTS LH		
2.	801-151C	SCR HEX SELF TAP 1/4-20X1TYPEF		
3.	802-203C	HFSS 1/2-13X1 1/2 GR5		
4.	890-430C	LIGHT HARNESS, 20' WISHBONE		
5.	800-112C	CABLE TIE .19X7.25 1.75D 50LB	Shown	
6.	800-064C	HOSE CLIP 13/16 ID		
7.	890-313C	AG LIGHT WIRING HARNESS-28'		
8.	195-112D	PLATE, AG LIGHT RH		
8.	195-165D	PLATE, AG LIGHT LH		
9.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
10.	804-013C	WASHER LOCK SPRING 3/8 PLT		
11.	803-014C	NUT HEX 3/8-16 PLT		
12.	800-148C	CABLE TIE MOUNT		

Weight Bracket (S/N S1869-)

(Applies to 3S-3000, 3S-3000F only)



24414

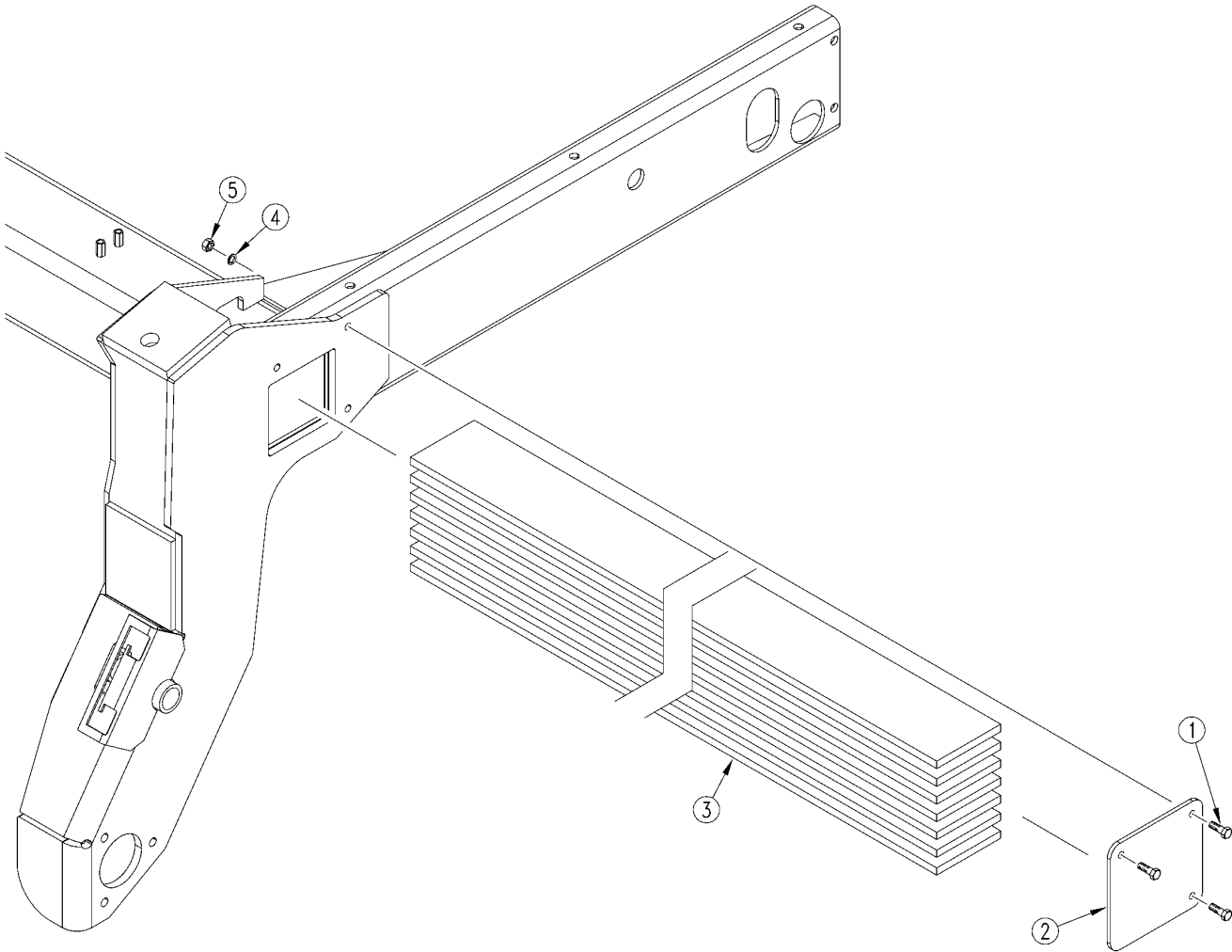
Weight Bracket (S/N S1869-)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg24414	Image No.		
1.	802-055C	HHCS 5/8-11X2 GR5		
2.	171-101H	WEIGHT BRACKET WELDMENT-LH		
2.	171-102H	WEIGHT BRACKET WELDMENT-RH		
3.	171-043D	WEIGHT BRACKET ADJ LEG		
4.	804-019C	WASHER FLAT 5/8 USS PLT		
5.	804-022C	WASHER LOCK SPRING 5/8 PLT		
6.	803-021C	NUT HEX 5/8-11 PLT		
7.	803-027C	NUT HEX 3/4-10 PLT		
8.	804-023C	WASHER LOCK SPRING 3/4 PLT		
9.	806-093C	U-BOLT 3/4-10 6 1/32 X 7 3/4		

Weight Bracket (S/N S1870+)

(Applies to 3S-3000, 3S-3000F only)



25317

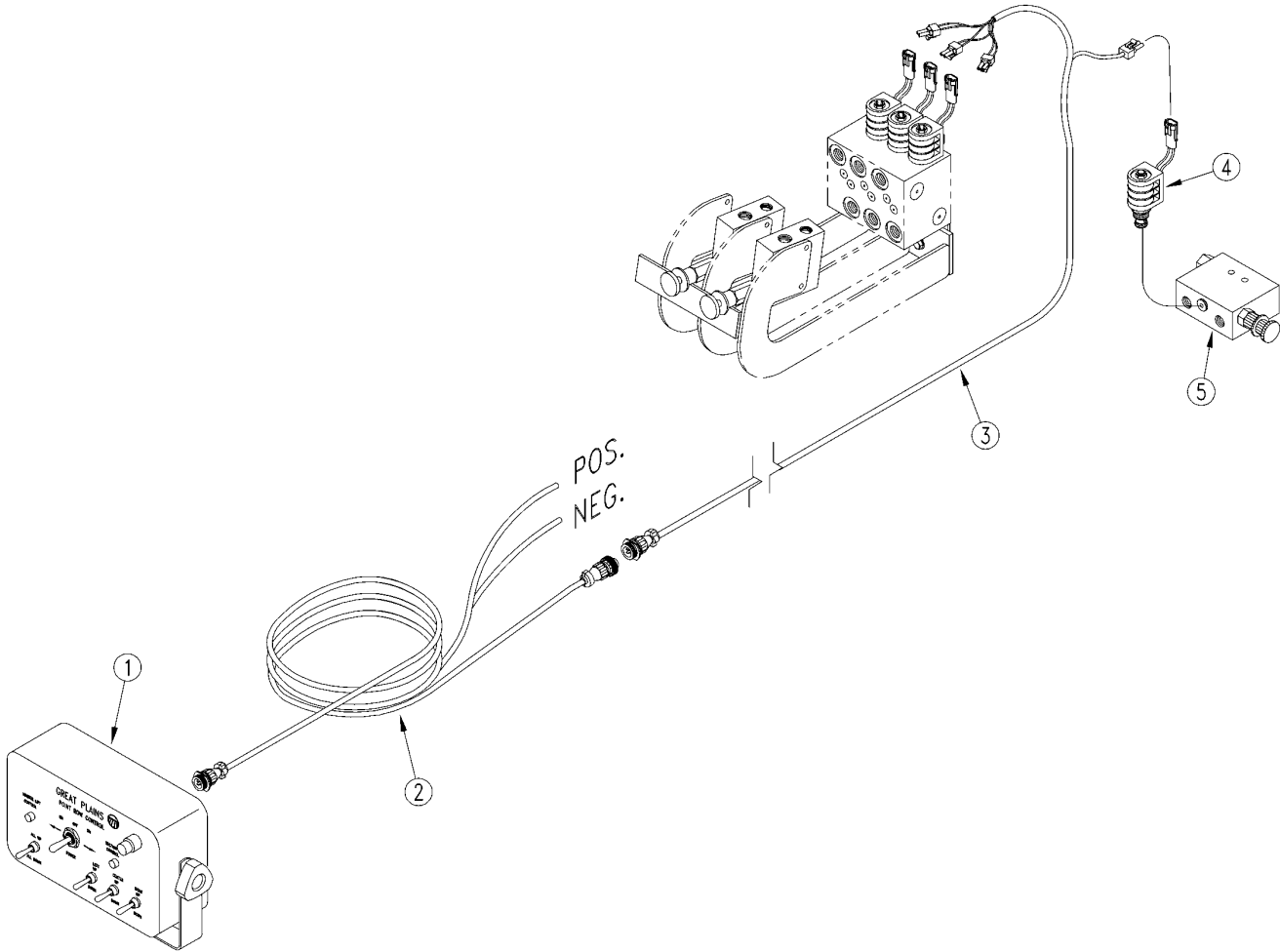
Weight Bracket (S/N S1870+)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg25317	Image No.		
1.	802-022C	HHCS 3/8-16X1 1/2 GR5		
2.	194-058D	END CAP - TUBE		
3.	589-046D	WING WEIGHT 3000TT/4000TT		
4.	804-013C	WASHER LOCK SPRING 3/8 PLT		
5.	803-014C	NUT HEX 3/8-16 PLT		

Point Row Control Box With Cables

(Applies to 3S-3000, 3S-3000F only)



22972

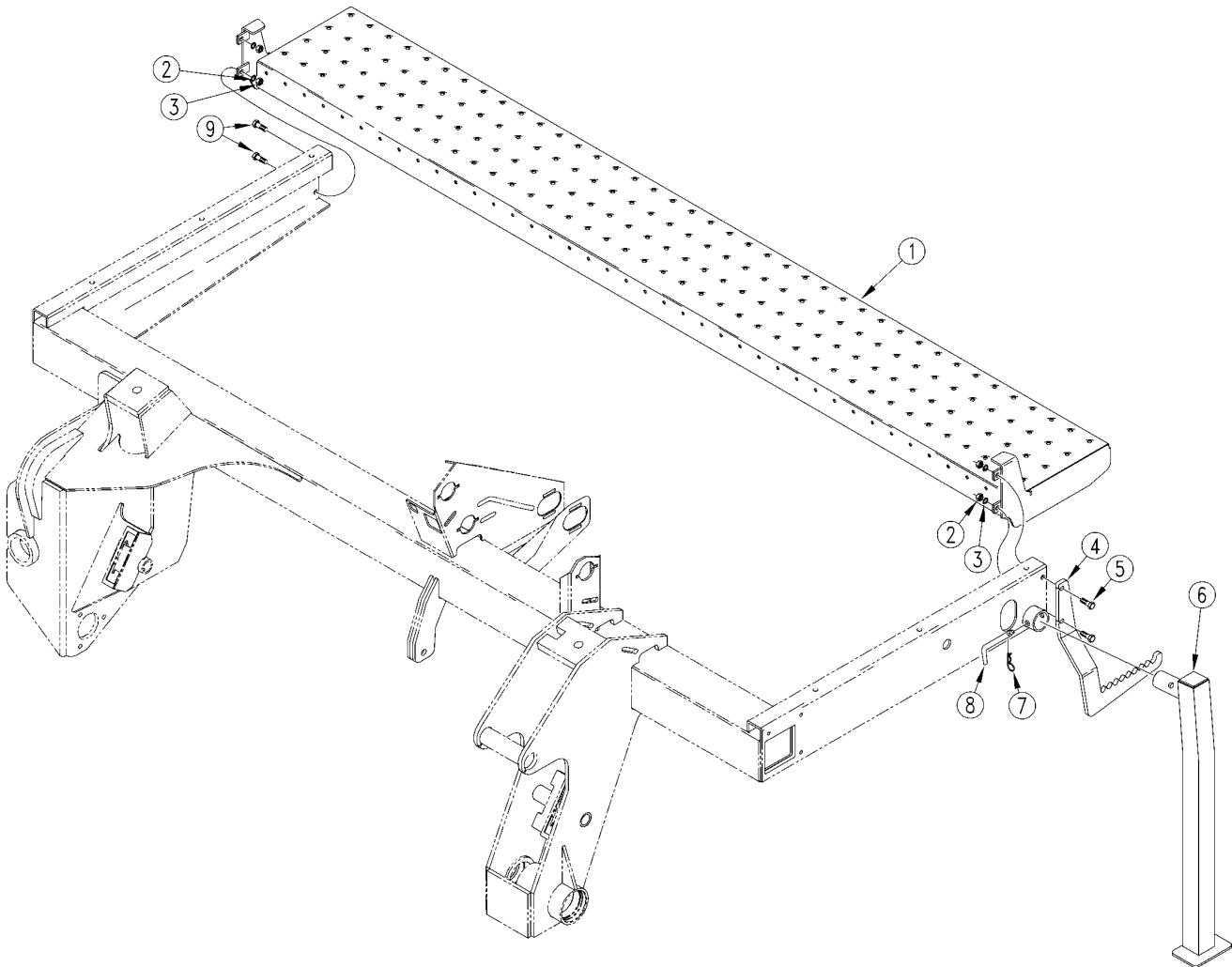
Point Row Control Box With Cables

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg22972	Image No.		
1.	823-185C	POINT ROW CONTROL BOX		
2.	823-190C	POINT ROW CABLE W/ POWER LEAD		
3.	823-175C	3 SECT POINT ROW WIRE HARNESS		
4.	810-408C	BYPASS CARTRIDGE AND SOLENOID		
5.	810-432C	HYDRAULIC BYPASS VALVE		

Walkboard, Step And Parking Stand To Box Frame (S/N S2030-)

(Applies to 3S-3000, 3S-3000F only)



15450

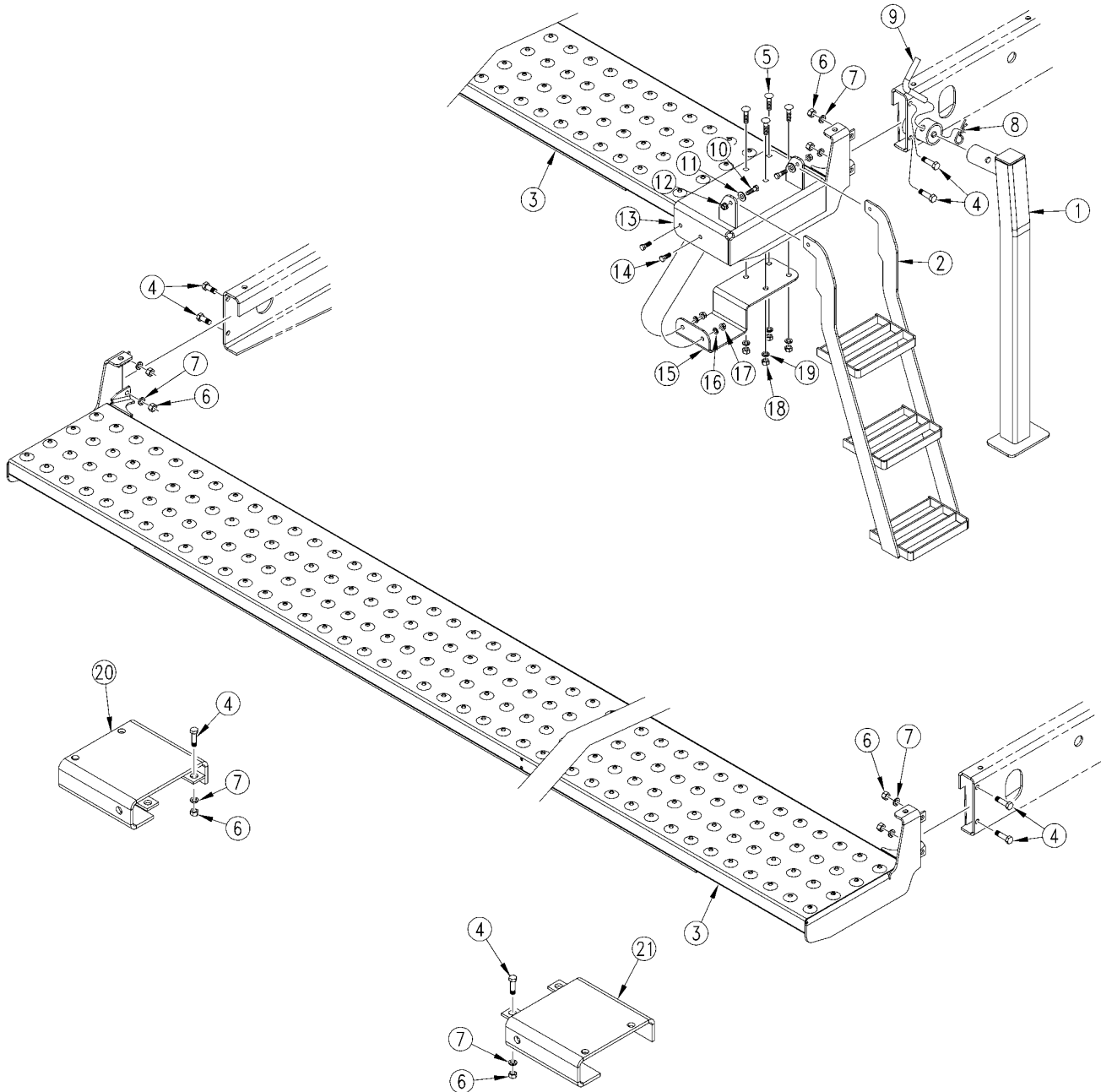
Walkboard, Step And Parking Stand To Box Frame (S/N S2030-)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15450	Image No.		
1.	195-114H	30'-3S WALKBOARD		
2.	803-020C	NUT HEX 1/2-13 PLT		
3.	804-015C	WASHER LOCK SPRING 1/2 PLT		
4.	195-121D	STEP LH	Shown	
4.	195-122D	STEP RH		
5.	802-082C	HHCS 1/2-13X1 3/4 GR5		
6.	194-135H	PARKING STAND LEG		
7.	805-032C	PIN HAIR COTTER .148 WIRE		
8.	805-197C	PIN BENT SHANK LOCK 5/8 OD		
9.	802-034C	HHCS 1/2-13X1 1/4 GR5		

Walkboard, Step And Parking Stand To Box Frame (S/N S2031+)

(Applies to 3S-3000, 3S-3000F only)



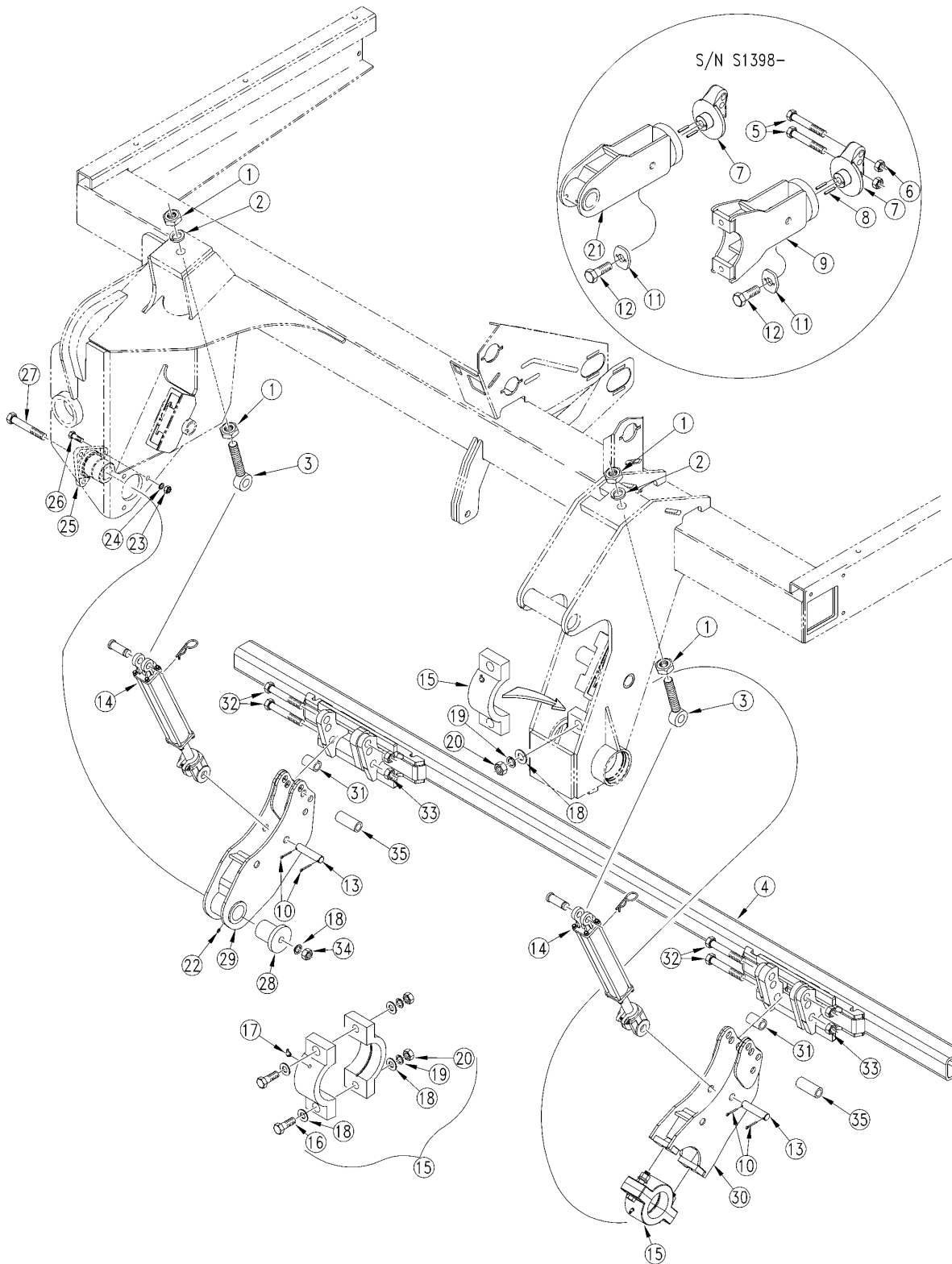
Walkboard, Step And Parking Stand To Box Frame (S/N S2031+)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg31230	Image No.		
1.	194-135H	PARKING STAND LEG		
2.	195-062H	LADDER WELDMENT 3-STEP NARROW		
3.	195-114H	30'-3S WALKBOARD		
4.	802-034C	HHCS 1/2-13X1 1/4 GR5		
5.	802-030C	RHSNB 7/16-14X1 3/4 GR5		
6.	803-020C	NUT HEX 1/2-13 PLT		
7.	804-015C	WASHER LOCK SPRING 1/2 PLT		
8.	805-032C	PIN HAIR COTTER .148 WIRE		
9.	805-197C	PIN BENT SHANK LOCK 5/8 OD		
10.	802-079C	HHCS 3/8-16X1 1/4 GR5		
11.	804-016C	WASHER FLAT 1/2 SAE PLT		
12.	803-209C	NUT FLANGE LOCK 3/8-16 PLT		
13.	195-064H	LADDER MOUNT TOP WELDMENT RH	Shown	
13.	195-063H	LADDER MOUNT TOP WELDMENT LH		
14.	802-017C	HHCS 3/8-16X1 GR5		
15.	195-340D	LADDER MOUNT BOTTOM PLATE		
16.	804-013C	WASHER LOCK SPRING 3/8 PLT		
17.	803-068C	NUT HEX FLANGE 3/8-16 PLT		
18.	803-015C	NUT HEX 7/16-14 PLT		
19.	804-014C	WASHER LOCK 7/16 PLT		
20.	195-310H	WALKBOARD EXTENSION LH	LH Used with Small Seeds Only	
21.	195-311H	WALKBOARD EXTENSION RH	RH Used with Small Seeds Only	

Right Hand And Left Hand Subframes To Box Frames

(Applies to 3S-3000, 3S-3000F only)



15451

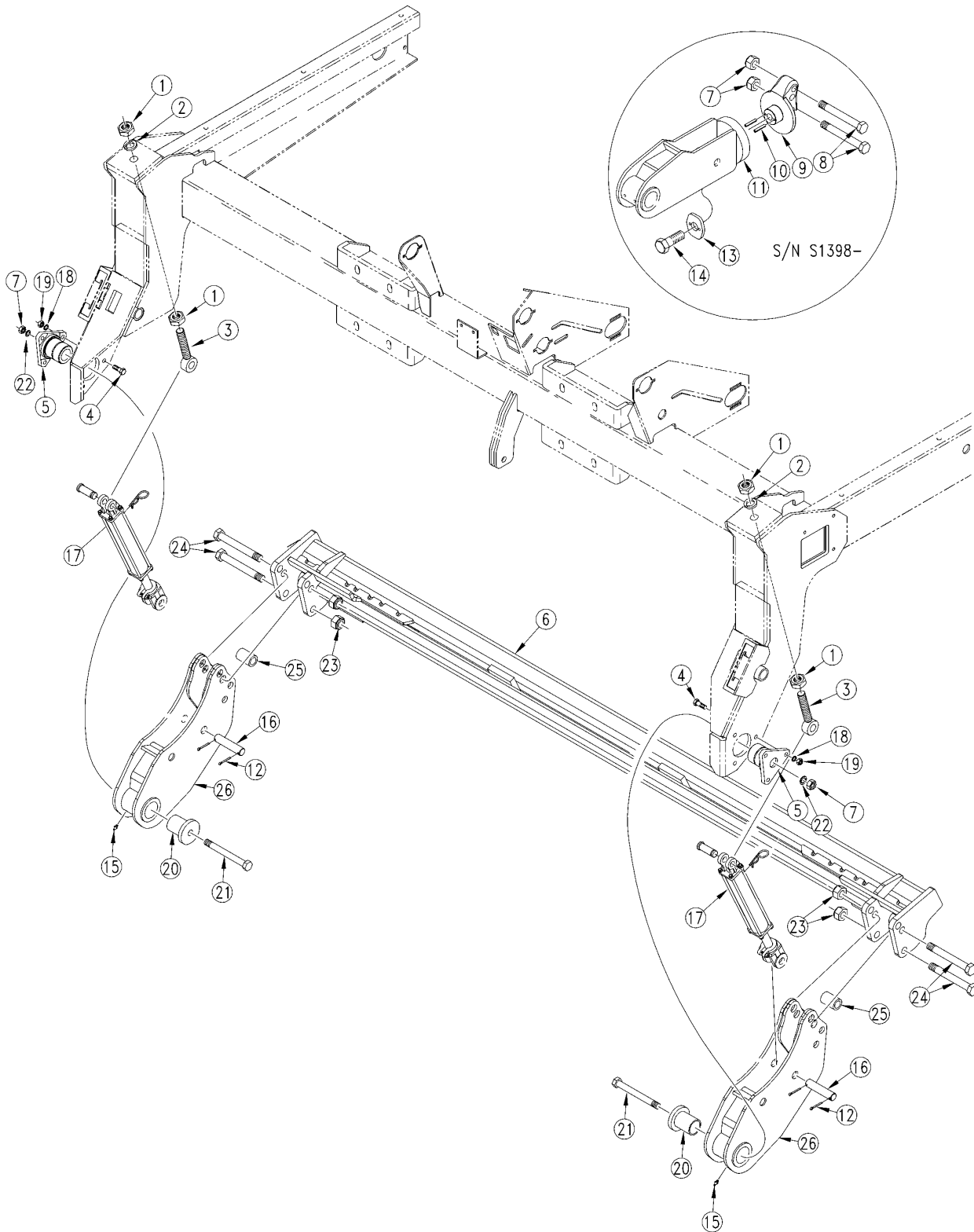
Right Hand And Left Hand Subframes To Box Frames

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15451	Image No.		
1.	803-031C	NUT HEX 1-8 PLT		
2.	804-027C	WASHER LOCK SPRING 1 PLT		
3.	194-129H	6 1/8 EYE BOLT		
4.	194-204H	3S-3000 OPENER SUBFRAME RH	(S/N S1402+) Shown	
4.	194-205H	3S-3000 OPENER SUBFRAME LH	(S/N S1402+)	
4.	194-126H	SUBFRAME END RIGHT	(S/N S1401-)	
4.	194-127H	SUBFRAME END LEFT	(S/N S1401-)	
5.	802-594C	HHCS 3/4-10X5 1/2 GR5	(S/N S1398-)	
6.	803-026C	NUT LOCK 3/4-10 PLT	(S/N S1398-)	
7.	194-100D	TRUNNION CASTING MACHINED	(S/N S1398-) Order with 802-441C.	
8.	805-156C	PIN ROLL 5/16 X 1 LG	(S/N S1398-)	
9.	194-124H	SUBFRAME PIVOT ARM OUTSIDE	(S/N S1398-)	
10.	805-104C	PIN COTTER 3/16 X 1 1/2 PLT		
11.	194-101D	PIVOT ARM WASHER	(S/N S1398-)	
12.	802-441C	HHCS 1 1/8-7X2 1/2 GR5	(S/N S1022 - S1398)	Revision 2 is not interchangeable with revision 1.
12.	802-586C	HHCS 1 1/8-7X2 GR5 FTHD	(S/N S1021-)	1st Revision.
13.	805-236C	PIN CLEVIS 1 X 3 7/8 USBLE PLT		
14.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)	Refer to Hydraulic Cylinder (810-299C 2X8X1.12 ROD) for breakdown	
15.	194-123K	3S BEARING ASSEMBLY	Includes items 17 through 23 (discard 2 of 4 flatwashers upon installation).	
16.	802-204C	HHCS 3/4-10X3 3/4 GR5		
17.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
18.	804-025C	WASHER FLAT 3/4 SAE PLT		
19.	804-023C	WASHER LOCK SPRING 3/4 PLT		
20.	803-027C	NUT HEX 3/4-10 PLT		
21.	194-128H	SUBFRAME PIVOT ARM INSIDE	(S/N S1398-)	
22.	800-001C	GREASE ZERK STRAIGHT 1/4-28		
23.	803-020C	NUT HEX 1/2-13 PLT		
24.	804-015C	WASHER LOCK SPRING 1/2 PLT		
25.	120-247D	3 BOLT PIVOT CAST W/ BOLT HOLE		
26.	802-082C	HHCS 1/2-13X1 3/4 GR5		
27.	802-095C	HHCS 3/4-10X7 GR5	(S/N S1046+)	
28.	195-188H	SUBFRAME ARM RETAINER	(S/N S1045+)	
29.	194-156H	SUBFRAME FLEX ARM, INNER	(S/N S1399+)	
30.	194-155H	SUBFRAME FLEX ARM, OUTER	(S/N S1399+)	
31.	194-516D	SUBFRAME FLEX ARM SPACER, SHORT	(S/N S1399+)	
32.	802-662C	HHCS 7/8-9X8 1/2 GR5	(S/N S1399+)	
33.	803-028C	NUT NY-LOK 7/8-9 PLT	(S/N S1399+)	
34.	803-026C	NUT LOCK 3/4-10 PLT	(S/N S1399+)	
35.	194-515D	SUBFRAME FLEX ARM SPACER, LONG	(S/N S1402+)	

Center Subframe To Box Frame

(Applies to 3S-3000, 3S-3000F only)



15452

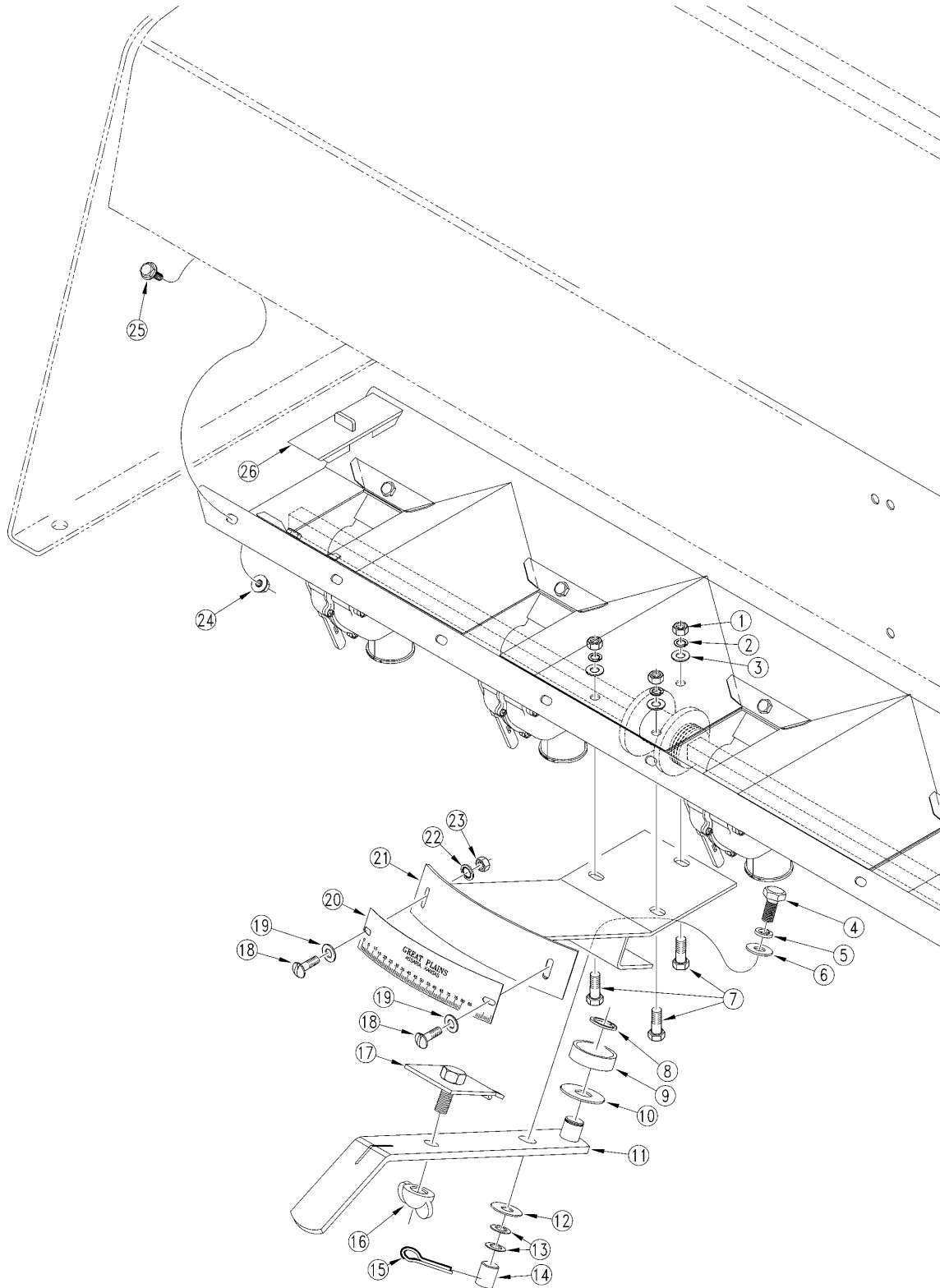
Center Subframe To Box Frame

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15452	Image No.		
1.	803-031C	NUT HEX 1-8 PLT		
2.	804-027C	WASHER LOCK SPRING 1 PLT		
3.	194-129H	6 1/8 EYE BOLT		
4.	802-082C	HHCS 1/2-13X1 3/4 GR5		
5.	120-247D	3 BOLT PIVOT CAST W/ BOLT HOLE		
6.	194-203H	3S-3000 OPENER SUBFRAME CENTER	(S/N S1399+)	
6.	194-125H	SUBFRAME CENTER	(S/N S1398-); Not shown	
7.	803-026C	NUT LOCK 3/4-10 PLT	(S/N S1398-)	
8.	802-070C	HHCS 3/4-10X6 GR5	(S/N S1398-)	
9.	194-100D	TRUNNION CASTING MACHINED	(S/N S1398-); Order with 802-441C	
10.	805-156C	PIN ROLL 5/16 X 1 LG	(S/N S1398-)	
11.	194-128H	SUBFRAME PIVOT ARM INSIDE	(S/N S1398-)	
12.	805-104C	PIN COTTER 3/16 X 1 1/2 PLT		
13.	194-101D	PIVOT ARM WASHER		
14.	802-441C	HHCS 1 1/8-7X2 1/2 GR5	(S/N S1022 - S1398)	Rev. 2 is not interchangeable w/rev. 1
14.	802-586C	HHCS 1 1/8-7X2 GR5 FTHD	(S/N S1021-)	1st rev.
15.	800-001C	GREASE ZERK STRAIGHT 1/4-28		
16.	805-236C	PIN CLEVIS 1 X 3 7/8 USBLE PLT		
17.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)	Refer to Hydraulic Cylinder (810-299C 2X8X1.12 ROD) for breakdown	
18.	804-015C	WASHER LOCK SPRING 1/2 PLT		
19.	803-020C	NUT HEX 1/2-13 PLT		
20.	195-188H	SUBFRAME ARM RETAINER	(S/N S1046+)	
21.	802-095C	HHCS 3/4-10X7 GR5	(S/N S1046+)	
22.	804-025C	WASHER FLAT 3/4 SAE PLT	(S/N S1046+)	
23.	803-028C	NUT NY-LOK 7/8-9 PLT	(S/N S1399+)	
24.	802-139C	HHCS 7/8-9X7 GR5	(S/N S1399+)	
25.	194-516D	SUBFRAME FLEX ARM SPACER, SHORT	(S/N S1399+)	
26.	194-156H	SUBFRAME FLEX ARM, INNER	(S/N S1399+)	

Seed Rate Adjustment Handle

(Applies to 3S-3000, 3S-3000F only)



15453

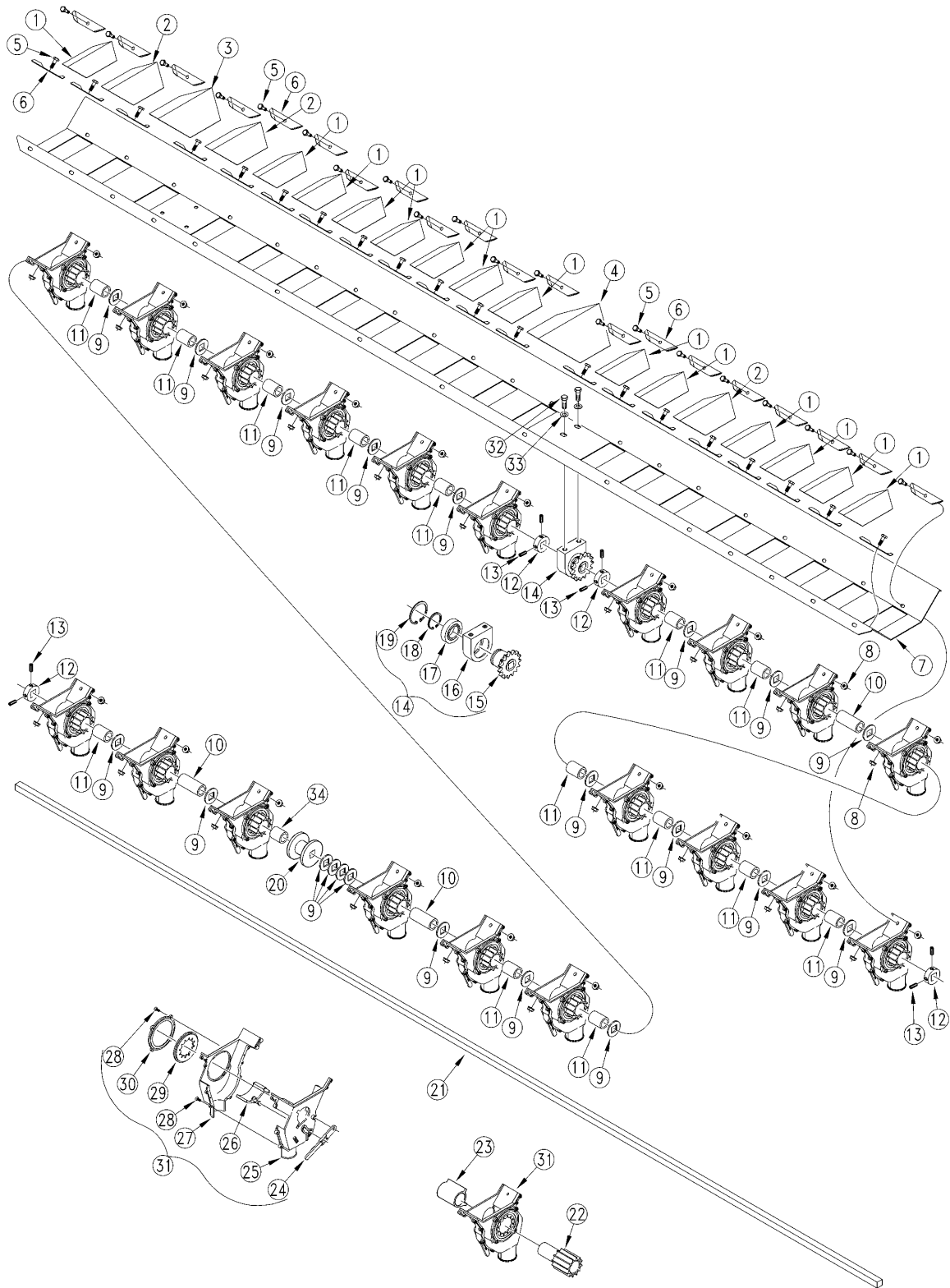
Seed Rate Adjustment Handle

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15453	Image No.		
1.	803-008C	NUT HEX 5/16-18 PLT		
2.	804-009C	WASHER LOCK SPRING 5/16 PLT		
3.	804-036C	WASHER FLAT 5/16 SAE PLT		
4.	802-014C	HHCS 3/8-16X3/4 GR5		
5.	804-013C	WASHER LOCK SPRING 3/8 PLT		
6.	804-012C	WASHER FLAT 3/8 SAE PLT		
7.	802-007C	HHCS 5/16-18X3/4 GR5		
8.	800-003C	SNAP RING EXT 17 MM		
9.	822-008C	BRG BALL 17IDX40OD 6203		
10.	804-001C	WASHER ADJ HANDLE BRG		
11.	118-443H	SEED RATE ADJ HANDLE WLDMNT		
12.	804-021C	WASHER FLAT 5/8 SAE PLT		
13.	804-040C	WASHER MACH 1.19 X .63 X 18GA		
14.	109-069D	ADJUSTMENT HANDLE PIVOT		
15.	805-016C	PIN COTTER 3/16 X 1 1/4 PLT		
16.	803-016C	NUT WING 1/2-13 PLT		
17.	109-025H	ADJ LOCK PLATE ASS'Y - 1 1/2 W		
18.	801-001C	SCREW RD HD 8-32 X 3/8 BRASS		
19.	804-003C	WASHER FLAT #8 BRASS		
20.	819-001C	NAME PLATE ADJ. GUIDE LONG		
21.	118-444H	SEED RATE ADJ WLDMNT		
22.	804-002C	WASHER INTERNAL STAR #8 BRASS		
23.	803-035C	NUT HEX 8-32 BRASS		
24.	803-088C	NUT HEX LOCK 1/4-20 FLG		
25.	802-196C	HFSS 1/4-20X5/8 GR5		
26.	817-087C	1 3/4 WIDE FEEDER CUP PLUG		

6" Feeder Cup Spacing

(Applies to 3S-3000, 3S-3000F only)



15454

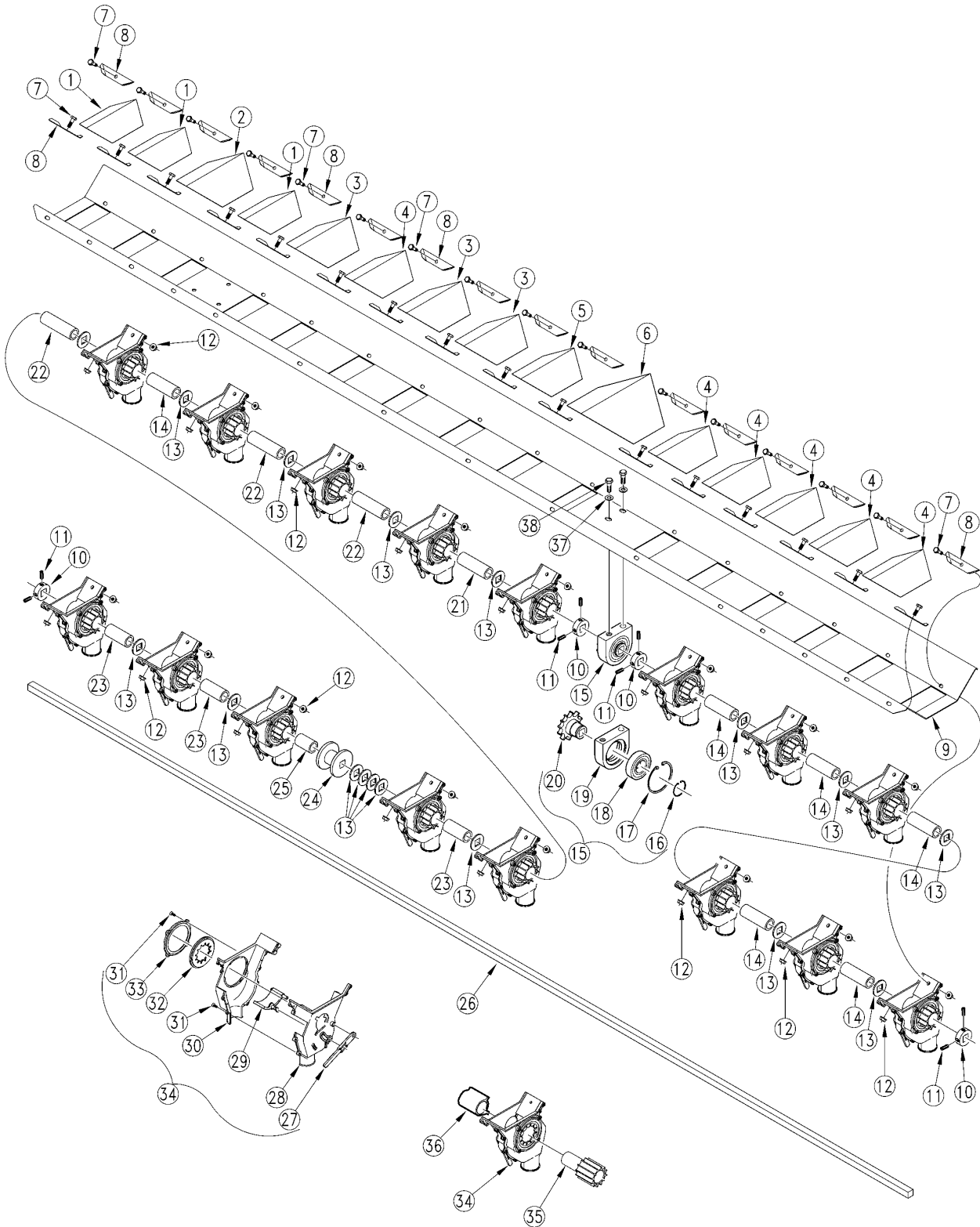
6" Feeder Cup Spacing

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15454	Image No.		
1.	118-431D	3 BOX DIVIDER FOR 4 7/8 ROW		
2.	118-433D	BOX DVDR 4.00 X 60DEG		
3.	118-437D	BOX DVDR 5.13 X 60DEG		
4.	118-432D	6 5/8 BOX DVDR FOR 8 1/2 ROW		
5.	802-004C	HHCS 1/4-20X3/4 GR5		
6.	118-341D	2SNT SEED BOX DIVIDER CLIP		
7.	195-105D	30'-6 20RW FEEDERCUP TRAY		
8.	803-194C	NUT HEX WHIZ 1/4-20 PLT		
9.	804-031C	WASHER RETAINING		
10.	152-044D	2.454 FEEDER CUP SPACER		
11.	118-434D	SPACER TUBE X 1.454		
12.	890-350C	5/8 SHAFT LOCKING COLLAR		
13.	801-035C	SCREW SET 5/16-18 SKT KP X 3/8		
14.	118-226S	FEEDER CUP BEARING ASSEMBLY	Includes items 15 through 19.	
15.	118-508D	BEARING HUB 40A15		2nd Revision.
15.	118-227E	RPBY 118-508D		Use existing stock; 1st Revision.
16.	118-336D	FEEDER CUP BEARING HOUSING		
17.	822-103C	BRG 30IDX55OD MM		
18.	800-004C	SNAP RING EXT BASIC 1 3/16		
19.	800-107C	SNAP RING INTERNAL 2.165		
20.	109-091D	MACHINED ADJUSTMENT SPOOL		
21.	195-106D	5/8SQ. 107 7/32 FEEDRCUP SHFT		
22.	890-190C	PM SEED CUP SPROCKET		
22.	817-072C	RPBY 890-190C		
23.	817-074C	SEED CUP SLEEVE		
24.	817-071C	SEED CUP ADJUSTMENT HANDLE		
25.	817-069C	SEED CUP RIGHT HALF		
26.	817-070C	SEED CUP DOOR		
27.	817-068C	SEED CUP LEFT HALF		
28.	801-057C	SCR SELF TAP 8X3/8 TYPE25 BT		
29.	817-004C	NYLON WASHER-SPLIT		
30.	817-073C	SEED CUP WASHER RETAINER		
31.	817-075C	SEED CUP ASSEMBLY	Includes items 24 through 30.	
32.	802-014C	HHCS 3/8-16X3/4 GR5		
33.	804-013C	WASHER LOCK SPRING 3/8 PLT		
34.	118-443D	SPACER TUBE X 1.207		

7 1/2" Feeder Cup Spacing

(Applies to 3S-3000, 3S-3000F only)



15455

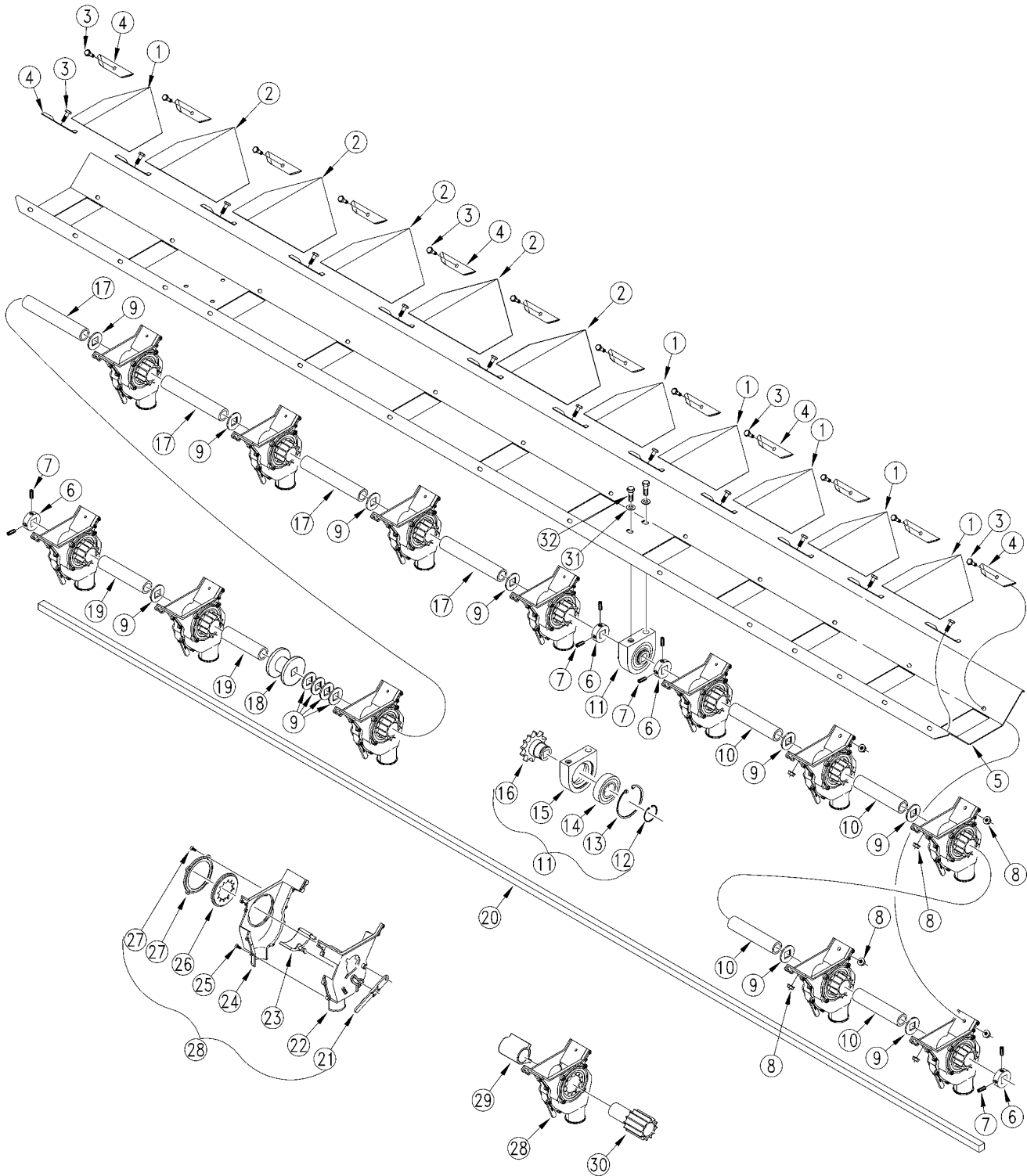
7 1/2" Feeder Cup Spacing

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15455	Image No.		
1.	118-433D	BOX DVDR 4.00 X 60DEG		
2.	118-340D	5 5/8 BOX DVDR FOR 7 1/2 ROW		
3.	118-437D	BOX DVDR 5.13 X 60DEG		
4.	118-370D	4 5/8 BOX DVDR FOR 8 ROW		
5.	118-339D	4 13/16 BOX DVDR FOR 7 1/2 ROW		
6.	118-356D	BOX DIVIDER FOR 10 ROW		
7.	802-004C	HHCS 1/4-20X3/4 GR5		
8.	118-341D	2SNT SEED BOX DIVIDER CLIP		
9.	195-103D	30'-7 1/2 16RW FEEDERCUP TRAY		
10.	890-350C	5/8 SHAFT LOCKING COLLAR		
11.	801-035C	SCREW SET 5/16-18 SKT KP X 3/8		
12.	803-194C	NUT HEX WHIZ 1/4-20 PLT		
13.	804-031C	WASHER RETAINING		
14.	118-376D	SPACER TUBE X 3.078		
15.	118-226S	FEEDER CUP BEARING ASSEMBLY	Includes items 16 through 20	
16.	800-004C	SNAP RING EXT BASIC 1 3/16		
17.	800-107C	SNAP RING INTERNAL 2.165		
18.	822-103C	BRG 30IDX55OD MM		
19.	118-336D	FEEDER CUP BEARING HOUSING		
20.	118-508D	BEARING HUB 40A15		2nd rev.
20.	118-227E	RPBY 118-508D		Use existing stock; 1st rev.
21.	118-347D	SPACER TUBE X 3.266		
22.	118-438D	SPACER TUBE X 3.579		
23.	152-044D	2.454 FEEDER CUP SPACER		
24.	109-091D	MACHINED ADJUSTMENT SPOOL		
25.	118-439D	SPACER TUBE X 1.707		
26.	195-106D	5/8SQ. 107 7/32 FEEDRCUP SHFT		
27.	817-071C	SEED CUP ADJUSTMENT HANDLE		
28.	817-069C	SEED CUP RIGHT HALF		
29.	817-070C	SEED CUP DOOR		
30.	817-068C	SEED CUP LEFT HALF		
31.	801-057C	SCR SELF TAP 8X3/8 TYPE25 BT		
32.	817-004C	NYLON WASHER-SPLIT		
33.	817-073C	SEED CUP WASHER RETAINER		
34.	817-075C	SEED CUP ASSEMBLY	Includes items 27 through 33	
35.	817-072C	RPBY 890-190C		
36.	817-074C	SEED CUP SLEEVE		
37.	804-013C	WASHER LOCK SPRING 3/8 PLT		
38.	802-014C	HHCS 3/8-16X3/4 GR5		

10" Feeder Cup Spacing

(Applies to 3S-3000, 3S-3000F only)



15456

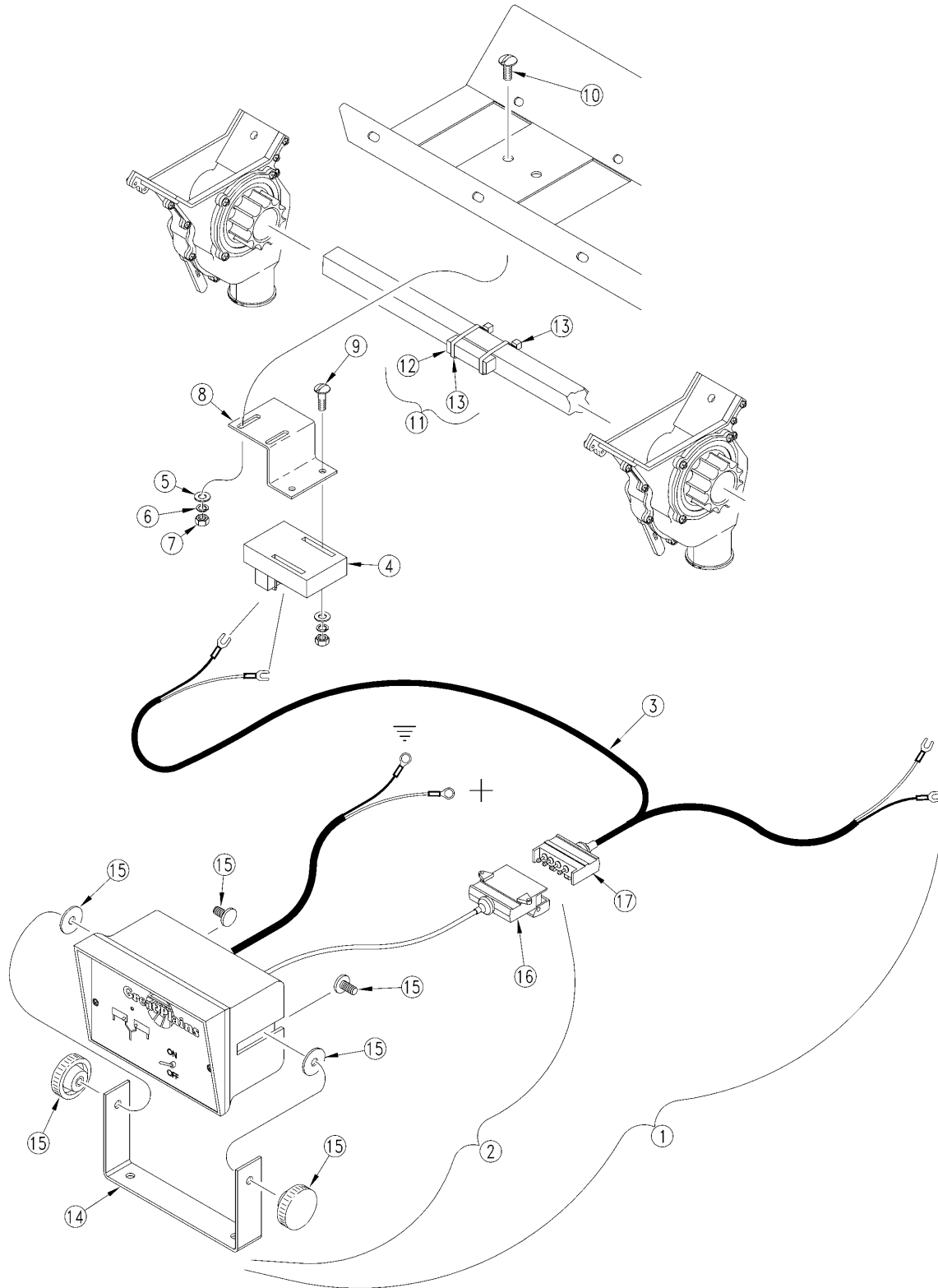
10" Feeder Cup Spacing

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15456	Image No.		
1.	118-432D	6 5/8 BOX DVDER FOR 8 1/2 ROW		
2.	118-356D	BOX DIVIDER FOR 10 ROW		
3.	802-004C	HHCS 1/4-20X3/4 GR5		
4.	118-341D	2SNT SEED BOX DIVIDER CLIP		
5.	195-104D	30'-10 12RW FEEDERCUP TRAY		
6.	890-350C	5/8 SHAFT LOCKING COLLAR		
7.	801-035C	SCREW SET 5/16-18 SKT KP X 3/8		
8.	803-194C	NUT HEX WHIZ 1/4-20 PLT		
9.	804-031C	WASHER RETAINING		
10.	118-440D	SPACER TUBE X 5.079		
11.	118-226S	FEEDER CUP BEARING ASSEMBLY	Includes items 12 through 16.	
12.	800-004C	SNAP RING EXT BASIC 1 3/16		
13.	800-107C	SNAP RING INTERNAL 2.165		
14.	822-103C	BRG 30IDX55OD MM		
15.	118-336D	FEEDER CUP BEARING HOUSING		
16.	118-508D	BEARING HUB 40A15		2nd Revision.
16.	118-227E	RPBY 118-508D		Use existing stock; 1st Revision.
17.	118-353D	185C058TUBE X 6.578		
18.	109-091D	MACHINED ADJUSTMENT SPOOL		
19.	118-442D	SPACER TUBE X 4.207		
20.	195-106D	5/8SQ. 107 7/32 FEEDRCUP SHFT		
21.	817-071C	SEED CUP ADJUSTMENT HANDLE		
22.	817-069C	SEED CUP RIGHT HALF		
23.	817-070C	SEED CUP DOOR		
24.	817-068C	SEED CUP LEFT HALF		
25.	801-057C	SCR SELF TAP 8X3/8 TYPE25 BT		
26.	817-004C	NYLON WASHER-SPLIT		
27.	817-073C	SEED CUP WASHER RETAINER		
28.	817-075C	SEED CUP ASSEMBLY	Includes items 21 through 27.	
29.	817-074C	SEED CUP SLEEVE		
30.	890-190C	PM SEED CUP SPROCKET		
30.	817-072C	RPBY 890-190C		
31.	804-013C	WASHER LOCK SPRING 3/8 PLT		
32.	803-014C	NUT HEX 3/8-16 PLT		

Vansco Shaft Monitor (Option)

(Applies to 3S-3000, 3S-3000F only)



27009

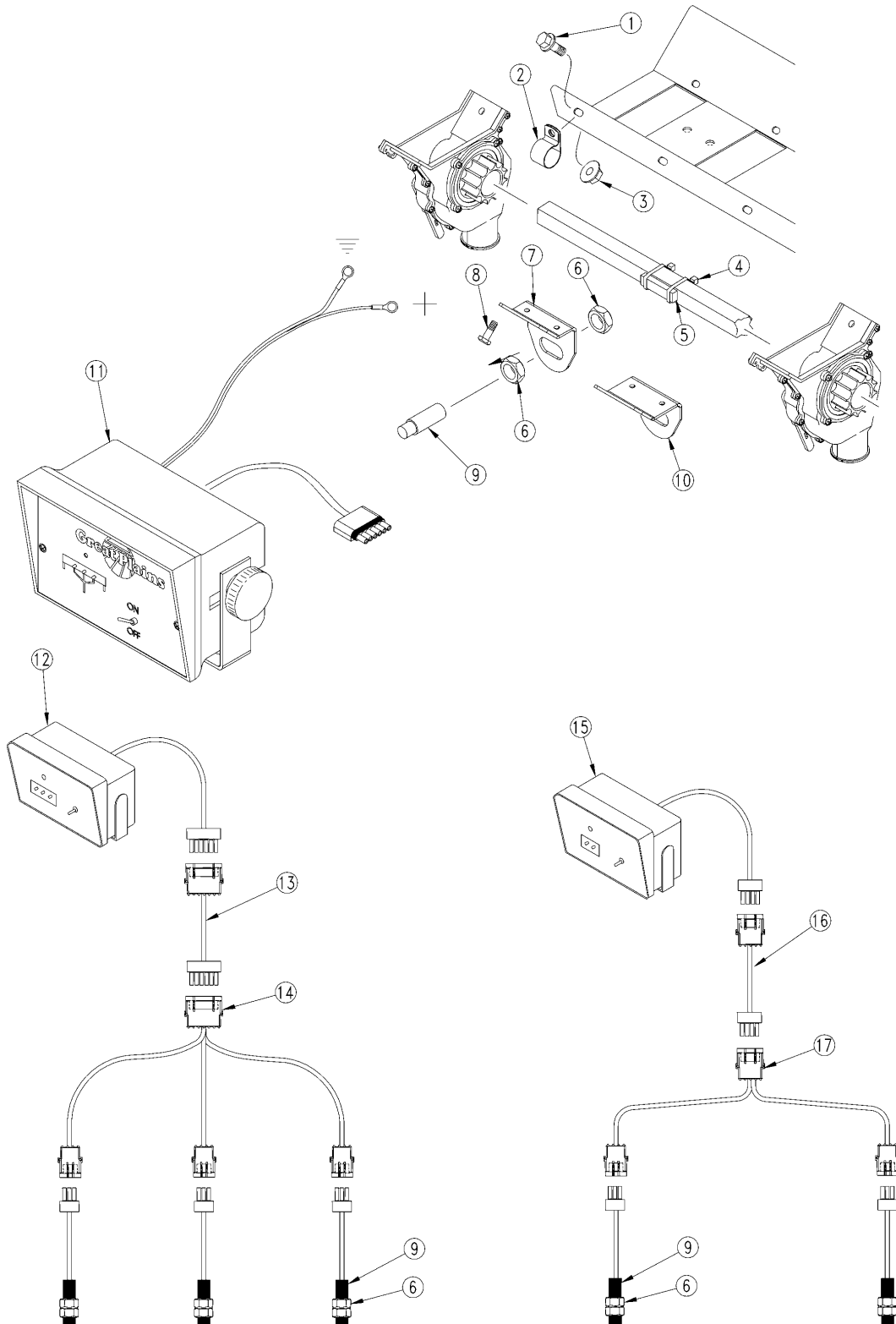
Vansco Shaft Monitor (Option)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg27009	Image No.		
1.	823-059C	VANSCO 2 CHANNEL SHAFT MONITOR		
1.	823-060C	VANSCO 3 CHANNEL SHAFT MONITOR		
1.	823-076C	VANSCO 2 CHNL SHAFT MNTR-2SNT		
2.	253001	VANSCO CONTROL BOX ASSY 2 CH		
2.	253000	VANSCO CONTROL BOX ASSY 3 CH		
3.	253701	VANSCO HARNESS 2 CH 40FT		
3.	253700	VANSCO HARNESS 3 CH 60FT		
4.	VA-080002	REED SWITCH PICK-UP		
5.	804-088C	WASHER FLAT #8 SAE PLT		
6.	804-043C	WASHER LOCK #8		
7.	803-064C	NUT HEX 8-32		
8.	116-181D	VANSCO SWITCH BRACKET		
9.	801-067C	SCREW RD HD 8-32 X 1 1/2LG PLT		
10.	801-016C	SCREW RD HD 8-32 X 1/2 LG PLT		
11.	116-132K	VANSCO MAGNET & CABLE TIE ASSY		
12.	890-321C	VANSCO MAGNET		
13.	800-112C	CABLE TIE .19X7.25 1.75D 50LB		
14.	VA-VMM253501	MOUNTING BRACKET		
15.	VA-253307	VANSCO MOUNTING KNOB KIT		
16.	VA-JX-B77	BRYLITE CONSOLE END		
17.	VA-JX-B76	BRYLITE HARNESS END		

Loop Shaft Monitor (2 Channel 116-282A) (3 Channel 116-283A)

(Applies to 3S-3000, 3S-3000F only)



34220

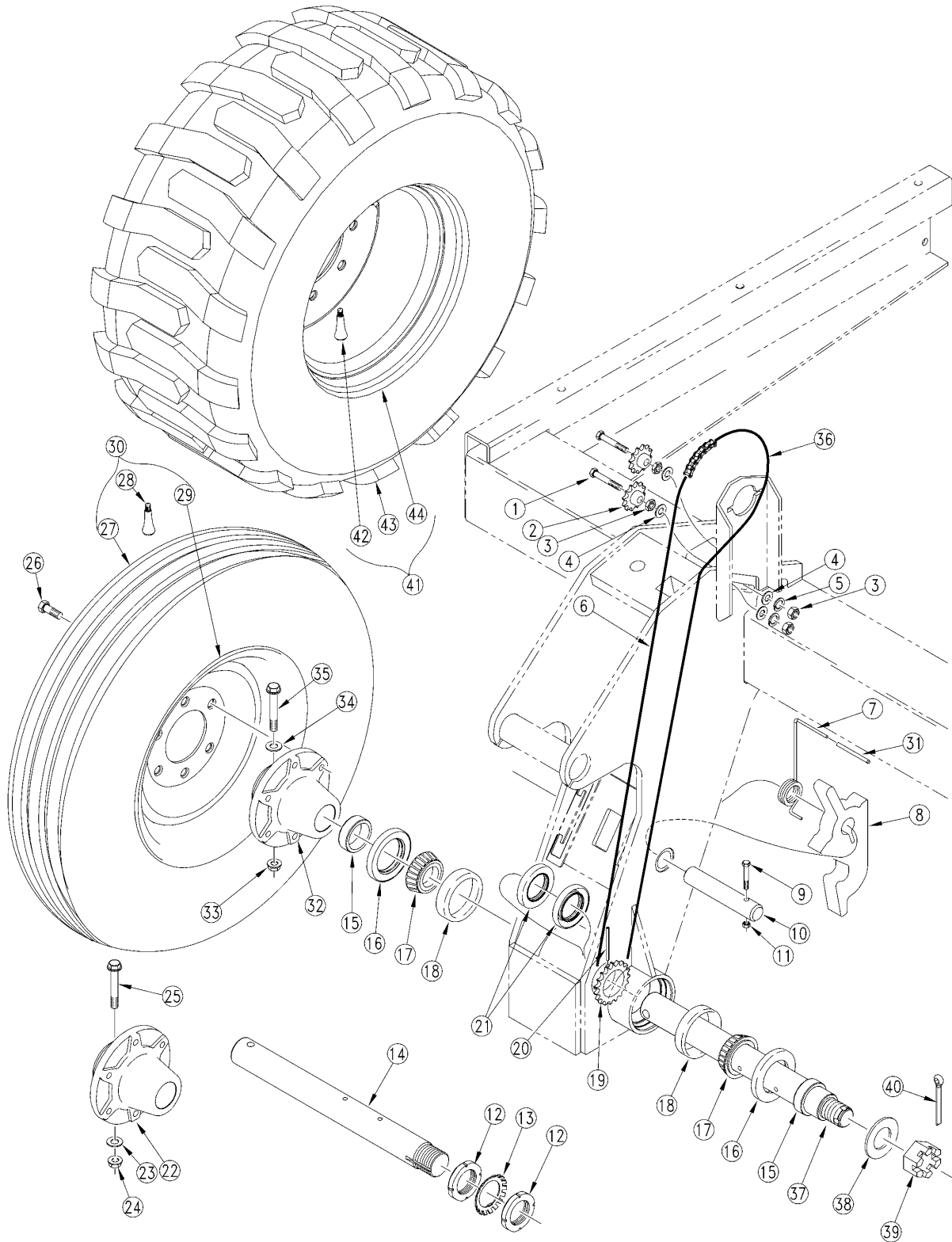
Loop Shaft Monitor (2 Channel 116-282A) (3 Channel 116-283A)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg34220	Image No.		
1.	802-257C	HFSS 1/4-20X3/4 GR5		
2.	800-052C	HOSE CLIP 5/8 I.D.		
3.	803-088C	NUT HEX LOCK 1/4-20 FLG		
4.	770026	CABLE TIE, NYLON		
5.	540017	MAGNET, ADHESIVE BACKED, LARGE		
6.	710425	NUT HEX JAM, PLASTIC M16 X 2		
7.	116-019D	SHAFT SENSOR MOUNT		
8.	801-199C	SCR SELF TAP #10 X 3/4		
9.	253100	LOUP SHAFT SENSOR 2&3 CHANNEL		
10.	116-020D	SMALL CUP SENSOR MOUNT		
11.	253017	LOUP 3 CHANNEL SHAFT MONITOR		
12.	253016	LOUP 2 CHANNEL SHAFT MONITOR		
13.	833-595C	SHAFT MONITOR EXT. 30' 6P WP		
14.	318951	HARNESS 3 SHAFT MONITOR LOUP		
15.	253017	LOUP 3 CHANNEL SHAFT MONITOR		
16.	833-596C	SHAFT MONITOR EXT. 25' 4P WP		
17.	318917	HARNESS 2 SHAFT MONITOR LOUP		

Single Gauge Wheel

(Applies to 3S-3000, 3S-3000F only)



15457

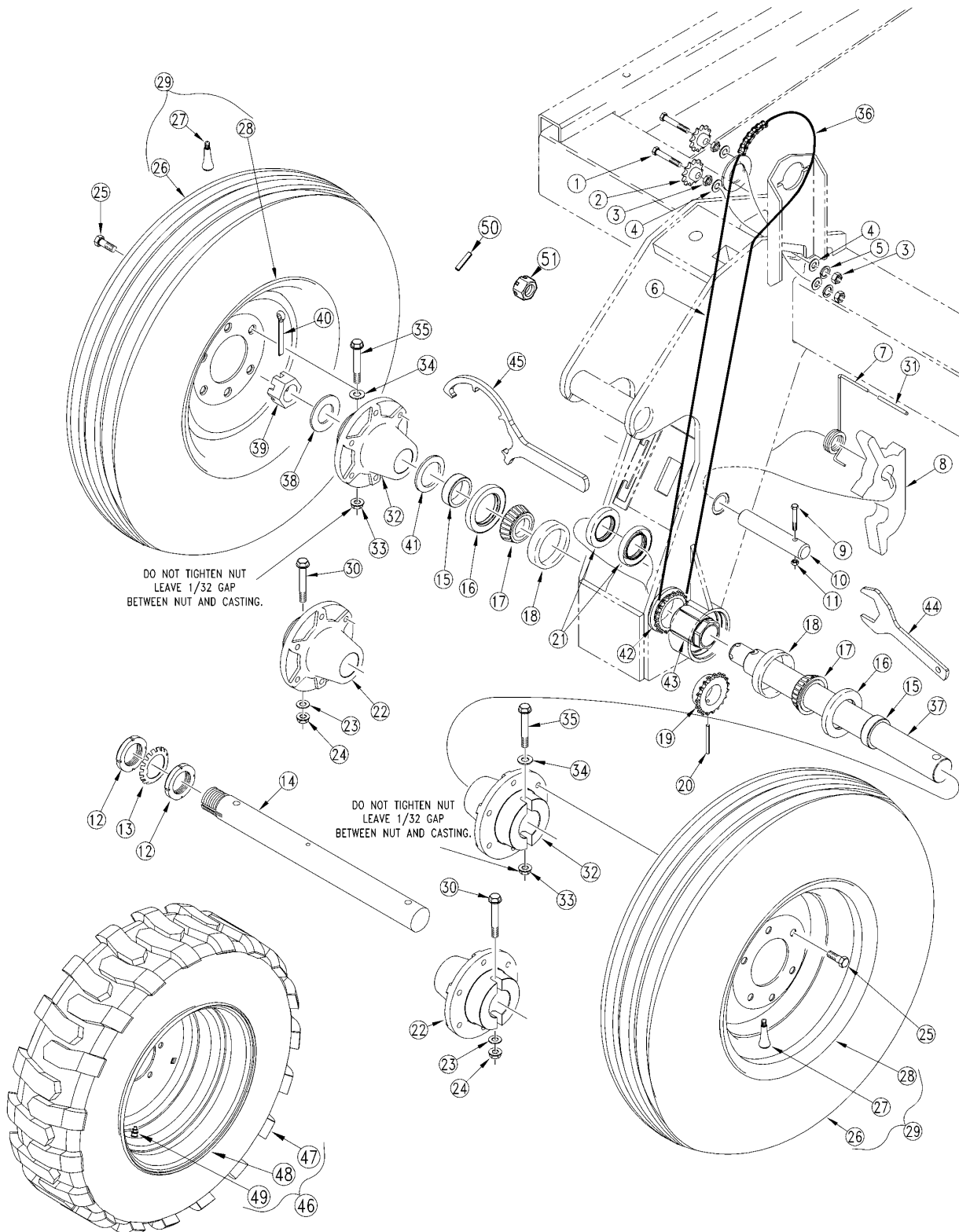
Single Gauge Wheel

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15457	Image No.		
1.	802-039C	HHCS 1/2-13X3 GR5		
2.	817-423C	NO. 50 12T IDLER SPKT	S/N S1399+	
2.	817-025C	NO. 40 12T IDLER SPKT.	S/N S1398-	
3.	803-036C	NUT HEX JAM 1/2-13 PLT		
4.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
5.	804-015C	WASHER LOCK SPRING 1/2 PLT		
6.	136-173D	CHAIN RL #50 X 161 PITCHES	S/N S1399+	
6.	809-172C	RPBY 136-128D	S/N S1398-	
7.	194-274D	3S TORSION SPRING HANDLE RH	Shown.	
7.	194-273D	3S TORSION SPRING HANDLE LH		
8.	195-159D	SUBFRAME LOCK HOOK		
9.	802-138C	HHCS 5/16-18X2 1/4 GR5		
10.	195-160D	GAUGE WHEEL LOCK PIN		
11.	803-011C	NUT LOCK 5/16-18 PLT		
12.	803-208C	NUT BRG LOCK, TN-10		
13.	804-098C	WASHER BRG LOCK, TW110		
14.	195-230D	SPNDLE 2"W/5/8 CROSS HOLE SNGL	S/N S1182+	
14.	195-143D	SPNDLE 2 X 19 W/ 1.95-18 THD	S/N S1181-	
15.	120-198D	AXLE SPACER TUBE		
16.	816-138C	SEAL DBL LIP 2.5 ID X 3.881 OD		
17.	822-117C	BRG CONE 2.00ID TIM33889		
18.	822-118C	BRG CUP 3.75OD TIM33821		
19.	808-287C	SPKT 50B19C2B W/5/16 HOLE	S/N S1399+	
19.	808-097C	SPKT 40B19X2B W/5/16 HOLE	S/N S1398-	
20.	805-030C	PIN ROLL 5/16 X 3 PLT	S/N S1399+	
21.	816-012C	SEAL 3.375 X 2.0 X.438 CR20125		
22.	195-107D	HUB;HVV 6 BLT 2 BR 4.62 PILOT	S/N S1181-	
23.	804-016C	WASHER FLAT 1/2 SAE PLT	S/N S1181-	
24.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.	S/N S1181-	
25.	194-297D	HHCS 1/2-13 X 4 3/16 GR8 SP	S/N S1182-	
25.	802-548C	HFS 1/2-13X4 GR8 SPTH	S/N S1181-	
26.	802-104C	BOLT WHEEL 1/2-20X1 90-DEG		
27.	814-026C	RPBY 814-011C		
28.	816-035C	VALVE STEM TR415X.625X1 1/4 LG		
29.	814-008C	WHEEL 8 X 15 X 6 BOLT		
30.	161-046K	6 BOLT WHL&TIRE 8 PLY TUBELESS	Includes items 27, 28, & 29.	
31.	816-241C	RUBBER HANDLE GRIP.207IDX3 1/2		
32.	152-390D	6-BOLT HEAVY DRIVE HUB 2 BORE	S/N S1182+	
33.	803-263C	NUT HEX FLANGE LOCK 5/8-11 PLT	S/N S1182+	
34.	804-095C	WASHER FLAT 5/8 HARD ASTM F436	S/N S1182+	
35.	802-687C	HHCS 5/8-11X4 SPTH GR8	S/N S1182+	
36.	136-175D	CHAIN RL #50 X 162 PITCHES		
37.	195-266D	SPNDL 2 X 19.20 W/ 1.5-12 THD	S/N S1505+	
38.	804-182C	WASHER HARD 1 1/2 MILCARB GR8	S/N S1505+	
39.	803-239C	NUT HEX SLOTTED 1 1/2-12 PLT	S/N S1505+	
40.	805-148C	PIN COTTER 3/8 X 3 PLT	S/N S1505+	
41.	196-274K	RH TIRE/RIM 265/70B16.5 SKID 6	Includes items 42 through 44.	
41.	196-275K	LH TIRE/RIM 265/70B16.5 SKID 6	Includes items 42 through 44.	
42.	814-210C	VALVE STEM METAL TR-575 TUBLES		
43.	814-207C	TIRE SKID ST 265/70B16.5 NHS		
44.	814-209C	RIM 16.5X8.25, 6 BLT 4.63 PILT		

Dual Gauge Wheel

(Applies to 3S-3000, 3S-3000F only)



15458

Dual Gauge Wheel

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15458	Image No.		
1.	802-039C	HHCS 1/2-13X3 GR5		
2.	817-423C	NO. 50 12T IDLER SPKT	S/N S1399+	
2.	817-025C	NO. 40 12T IDLER SPKT.	S/N S1398-	
3.	803-036C	NUT HEX JAM 1/2-13 PLT		
4.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
5.	804-015C	WASHER LOCK SPRING 1/2 PLT		
6.	136-173D	CHAIN RL #50 161 PITCHES	S/N S1399+	
6.	809-172C	CHAIN RL #40 X 190 PITCH W/CON	S/N S1398-	
7.	194-274D	3S TORSION SPRING HANDLE RH	(SHOWN)	
7.	194-273D	3S TORSION SPRING HANDLE LH		
8.	195-159D	SUBFRAME LOCK HOOK		
9.	802-138C	HHCS 5/16-18X2 1/4 GR5		
10.	195-160D	GAUGE WHEEL LOCK PIN		
11.	803-011C	NUT LOCK 5/16-18 PLT		
12.	803-208C	NUT BEARING LOCK, TN-10		
13.	804-098C	WASHER BEARING LOCK, TW110		
14.	195-265D	SPNDL 2 X 24.70 W/ 1.5-12 THD	(S/N S1504+) Use with items 32-35.	3rd Revision.
14.	195-229D	SPNDLE 2"W/5/8 CROSS HOLE DUAL	(S/N S1182 - S/N S1503) Use with items 32-35.	Revision 2 is not interchangeable with revision 1.
14.	195-142D	SPNDLE 2X24 1/2 W/1.95-18 THD	(S/N S1181-) Use with items 22-24 & 30.	1st Revision.
15.	120-198D	AXLE SPACER TUBE		
16.	816-138C	SEAL DBL LIP 2.5 ID X 3.881 OD		
17.	822-117C	BEARING CONE 2 TIM33889		
18.	822-118C	BEARING CUP 2 TIM33821		
19.	808-287C	SPKT 50B19C2B W/5/16 HOLE	S/N S1399+	
19.	808-097C	SPKT 40B19X2B W/5/16 HOLE	S/N S1398-	
20.	805-030C	PIN ROLL 5/16 X 3 PLT	S/N S1399+	
21.	816-012C	SEAL 3.375 X 2.0 X.438 CR20125		
22.	195-107D	HUB;HVY 6 BLT 2 BR 4.62 PILOT	S/N S1181-	
23.	804-016C	WASHER FLAT 1/2 SAE PLT	S/N S1181-	
24.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT	S/N S1181-	
25.	802-104C	BOLT WHEEL 1/2-20X1 90-DEG		
26.	814-011C	TIRE 9.5 L X 15 8 PLY	Formerly 814-026C	
27.	816-035C	VALVE STEM TR415X.625X1 1/4 LG		
28.	814-008C	WHEEL 8 X 15 X 6 BOLT		
29.	161-046K	6 BOLT WHL&TIRE 6 PLY TUBELES	Includes items: 26, 27, & 28.	
30.	194-297D	HHCS 1/2-13 X 4 3/16 GR8 SP	S/N S1182+	
30.	802-548C	HFS 1/2-13X4 GR8 SPTH	S/N S1181-	
31.	816-241C	RUBBER HANDLE GRIP.207IDX3 1/2		
32.	152-390D	6-BOLT HEAVY DRIVE HUB 2 BORE	S/N S1182+	
33.	803-263C	NUT HEX FLANGE LOCK 5/8-11 PLT	S/N S1182+	
34.	804-095C	WASHER FLAT 5/8 HARD ASTM F436	S/N S1182+	
35.	802-687C	HHCS 5/8-11X4 SPTH GR8	S/N S1182+	
36.	136-175D	CHAIN RL #50 162 PITCHES		
37.	195-265D	SPNDL 2 X 24.70 W/ 1.5-12 THD	S/N S1505 - S/N S2189	
37.	195-351D	SPNDL 2 X 24.7 1.5-12THD NOHLE	S/N S2190+	
38.	804-182C	WASHER HARD 1 1/2 MILCARB GR8	S/N S1505+	
39.	803-239C	NUT HEX SLOTTED 1 1/2-12	S/N S1505+	
40.	805-148C	PIN COTTER 3/8 X 3 PLT	S/N S1505+	
41.	195-234D	WASHER FLAT 2 ID X 2 5/8 X 10G		
42.	808-413C	SPKT 50B19 2.88 KEYLESS BORE	S/N S2190+	
43.	891-137C	HUB KEYLESS 2.0 BORE X 2.88 OD	S/N S2190+	
44.	195-352D	WRENCH OPEN END 2 1/2	S/N S2190+	
45.	195-355D	WRENCH SPANNER 6 BOLT HUB	S/N S2190+	
46.	196-274K	RH TIRE/RIM 265/70B16.5 SKID 6	(OPTION) Includes items: 47-48	
46.	196-275K	LH TIRE/RIM 265/70B16.5 SKID 6	(OPTION) Includes items: 47-48	

Dual Gauge Wheel (continued)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
47.	814-207C	TIRE SKID ST 265/70B16.5 NHS	(OPTION)	
48.	814-209C	RIM 16.5X8.25, 6 BLT 4.63 PILT	(OPTION)	
49.	814-210C	VALVE STEM METAL TR-575 TUBLES	(OPTION)	
50.	805-249C	PIN ROLL 3/8 X 2 PLT		
51.	195-398H	DRIVE SPROCKET TORQUING NUT		

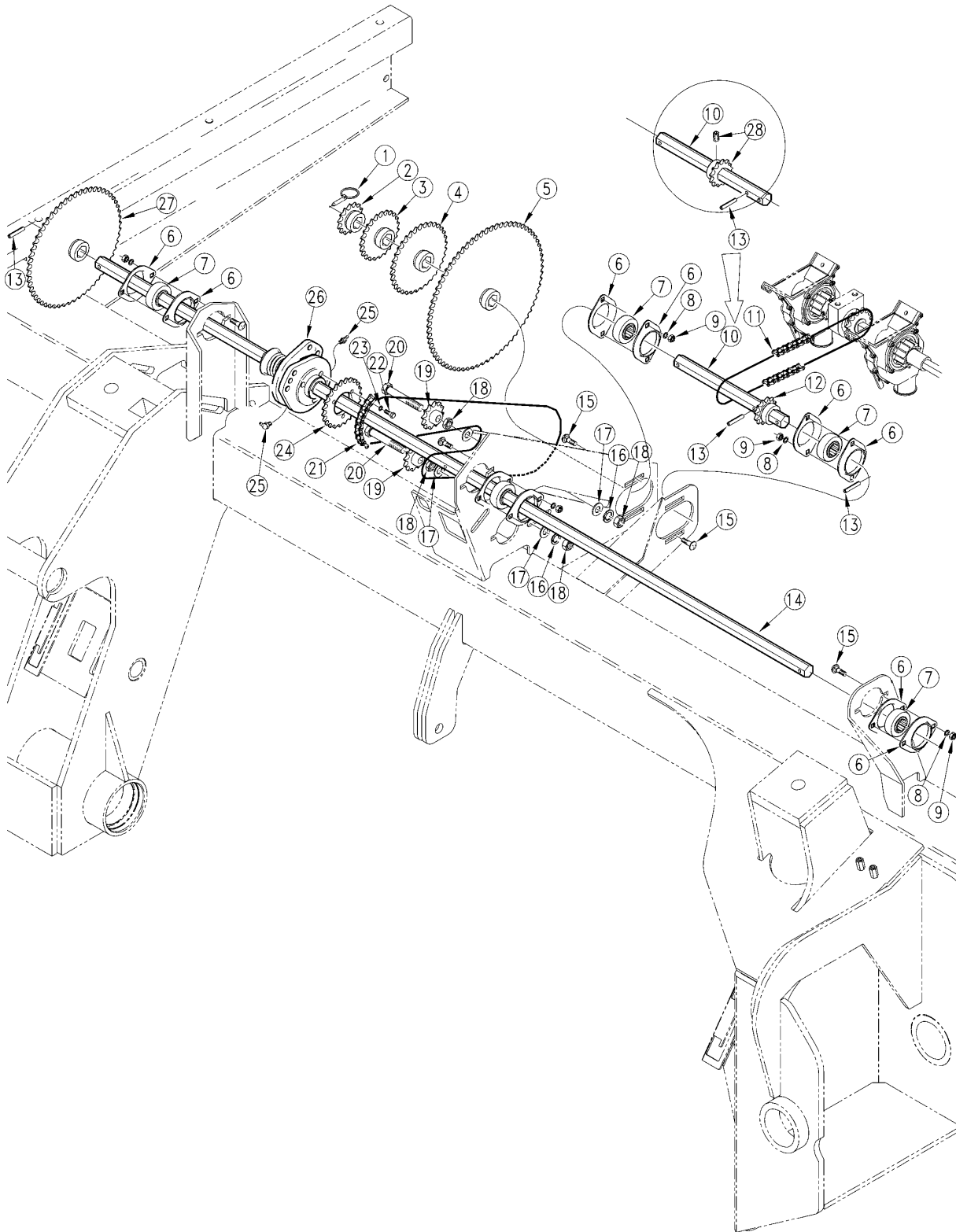
Dual Gauge Wheel (continued)

(Applies to 3S-3000, 3S-3000F only)

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Right Hand Drive (S/N S1021-)

(Applies to 3S-3000, 3S-3000F only)



15459

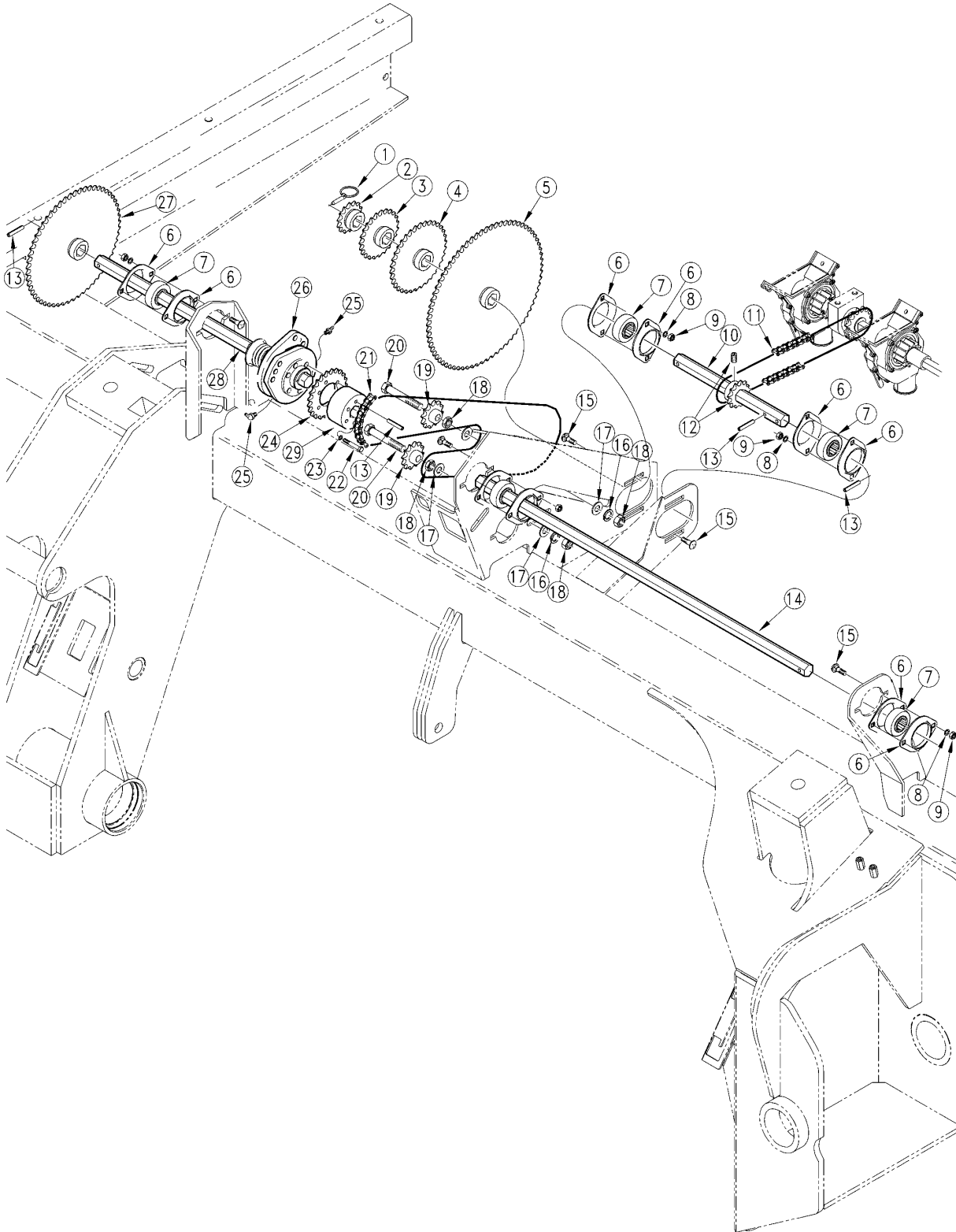
Right Hand Drive (S/N S1021-)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15459	Image No.		
1.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
2.	195-137H	RPBY 808-259C		
3.	195-134H	SPKT 40B23T WITH 7/8 HEX HUB		
4.	195-135H	SPKT 40B34T WITH 7/8 HEX HUB		
5.	195-136H	RPBY 808-258C		
6.	822-032C	FLANGETTE 52 MST		
7.	822-119C	BRG 7/8HEXX2.05OD SPH		
8.	804-009C	WASHER LOCK SPRING 5/16 PLT		
9.	803-008C	NUT HEX 5/16-18 PLT		
10.	195-169D	SEED JACK SHAFT 7/8 HEX WING	Revised part. order w/#28, 808-143C 1st time only (see detail in illustration)	
11.	809-149C	CHAIN RL #40 X 68 PITCH W/CON		
12.	195-138H	RPBY 808-260C	Order only if using original shaft	
13.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
14.	195-149D	POWER SHAFT 7/8 HEX RH		
15.	802-282C	RHSNB 5/16-18X1 GR5		
16.	804-015C	WASHER LOCK SPRING 1/2 PLT		
17.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
18.	803-036C	NUT HEX JAM 1/2-13 PLT		
19.	817-025C	NO. 40 12T IDLER SPKT.		
20.	802-099C	HHCS 1/2-13X3 1/4 GR5		
21.	809-164C	RPBY 136-122D		
22.	801-070C	HSHCS 1/4-20X3/4		
23.	804-006C	WASHER LOCK SPRING 1/4 PLT		
24.	152-283D	RPBY 808-240C		
25.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
26.	176-044S	JAW CLUTCH CW 7/8 HEX SHORT	Refer to "Jaw Clutch" for breakdown.	
27.	195-264H	SPKT 50A57 WITH 7/8 HEX HUB	S/N S1399+	
27.	195-139H	SPKT 40B57T WITH 7/8 HEX HUB	S/N S1398-	
28.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS	Order only if using revised shaft (orient as shown in detail)	

Right Hand Drive (S/N S1022 - S/N S1562)

(Applies to 3S-3000, 3S-3000F only)



16066

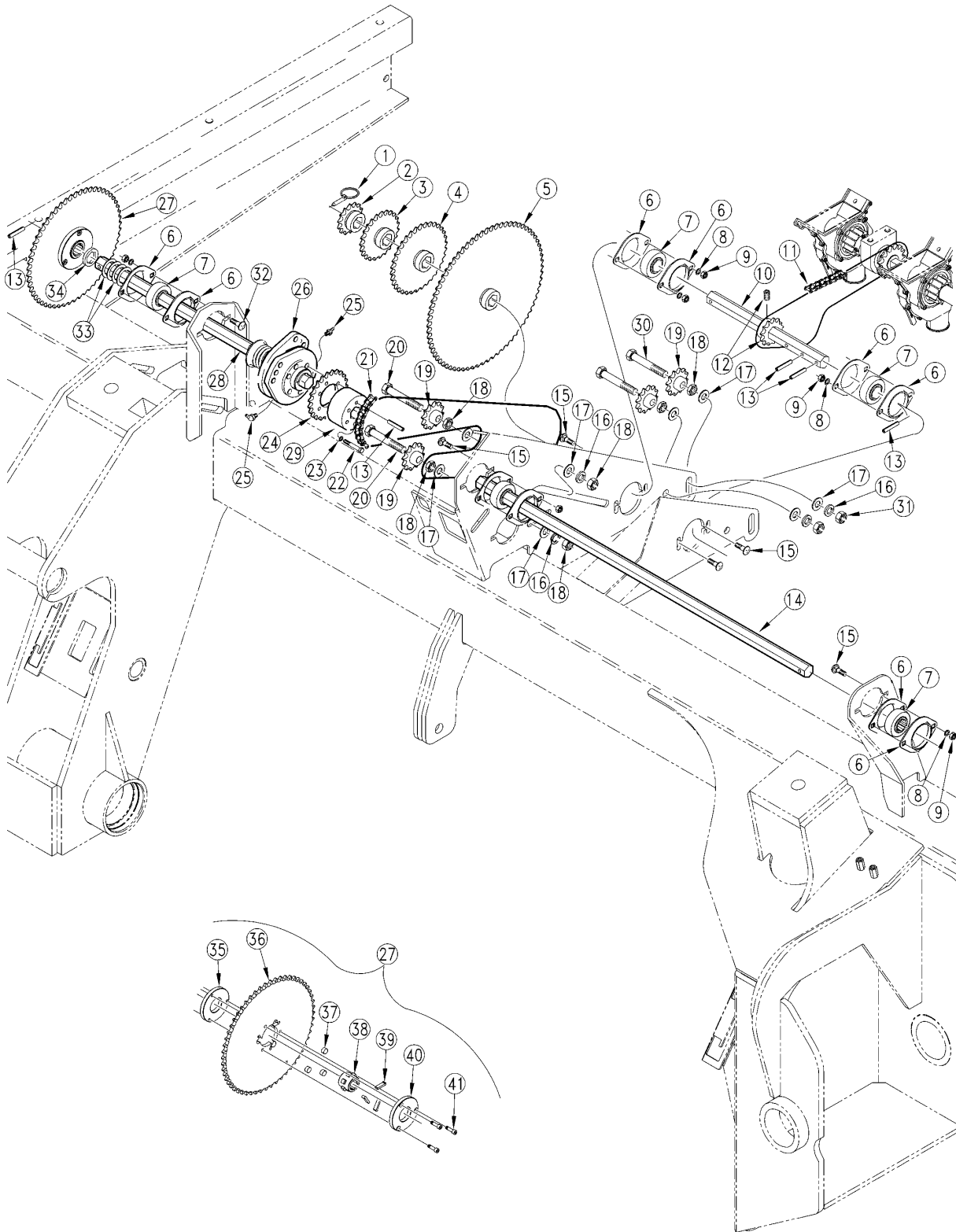
Right Hand Drive (S/N S1022 - S/N S1562)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16066	Image No.		
1.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
2.	195-137H	RPBY 808-259C		
3.	195-134H	SPKT 40B23T WITH 7/8 HEX HUB		
4.	195-135H	SPKT 40B34T WITH 7/8 HEX HUB		
5.	195-136H	RPBY 808-258C		
6.	822-032C	FLANGETTE 52 MST		
7.	822-119C	BRG 7/8HEXX2.05OD SPH		
8.	804-009C	WASHER LOCK SPRING 5/16 PLT		
9.	803-008C	NUT HEX 5/16-18 PLT		
10.	195-169D	SEED JACK SHAFT 7/8 HEX WING		
11.	809-149C	CHAIN RL #40 X 68 PITCH W/CON		
12.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
13.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
14.	195-187D	POWER SHAFT 7/8 HEX RH OUTPUT		
15.	802-282C	RHSNB 5/16-18X1 GR5		
16.	804-015C	WASHER LOCK SPRING 1/2 PLT		
17.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
18.	803-036C	NUT HEX JAM 1/2-13 PLT		
19.	817-025C	NO. 40 12T IDLER SPKT.		
20.	802-099C	HHCS 1/2-13X3 1/4 GR5		
21.	136-122D	CHAIN RL #40 129 PITCHES		2nd rev.
21.	809-164C	RPBY 136-122D		Use existing stock; 1st rev.
22.	802-551C	HHCS 1/4-20X2 1/4 GR5		
23.	804-006C	WASHER LOCK SPRING 1/4 PLT		
24.	808-240C	SPKT 40A23X1.813-1.818 BR/6HOL		2nd rev.
24.	152-283D	RPBY 808-240C		Use existing stock; 1st rev.
25.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
26.	176-042S	JAW CLUTCH CW EXT 7/8 HEX	Refer to "Jaw Clutch" for breakdown.	
27.	195-264H	SPKT 50A57 WITH 7/8 HEX HUB		
27.	195-139H	SPKT 40B57T WITH 7/8 HEX HUB		
28.	195-186D	POWER SHAFT 7/8 HEX RH INPUT		
29.	195-170D	CLUTCH ADAPTOR 7/8 HEX BORE		

Right Hand Drive (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)



21631

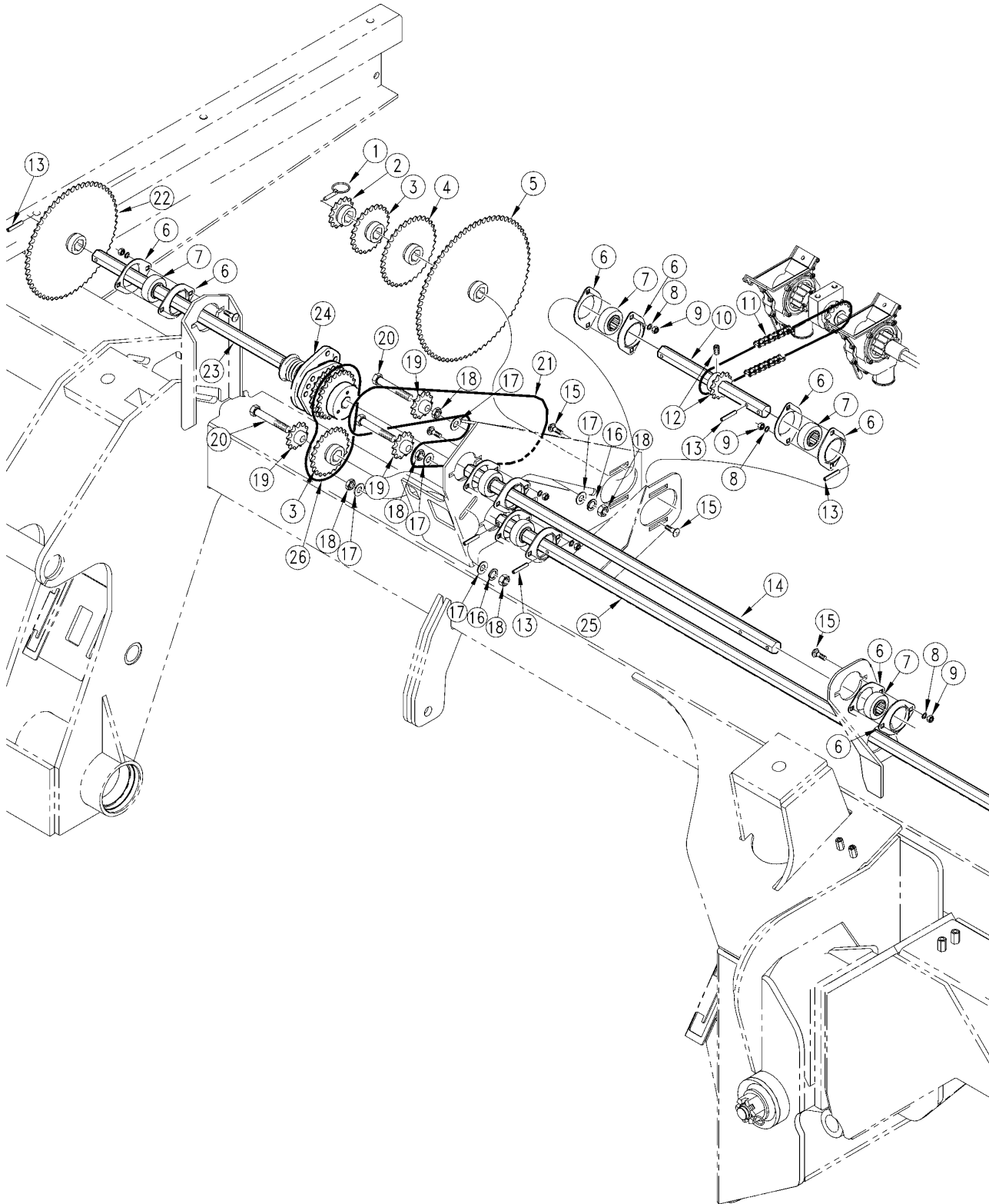
Right Hand Drive (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg21631	Image No.		
1.	805-240C	PIN LYNCH 3/16 X 1 9/16 LONG		
2.	808-259C	SPKT 40B14 X 7/8 HEX BORE		
3.	808-256C	SPKT 40C23 X 7/8 HEX BORE		
4.	808-257C	SPKT 40B34 X 7/8 HEX BORE		
5.	808-258C	SPKT 40B72 X 7/8 HEX BORE		
6.	822-032C	FLANGETTE 52 MST		
7.	822-119C	BRG. 7/8HEX BR 52MM SPHRICAL OD		
8.	804-009C	WASHER LOCK SPRING 5/16 PLT		
9.	803-008C	NUT HEX 5/16-18 PLT		
10.	195-169D	SEED JACK SHAFT 7/8 HEX WING		
11.	136-052D	CHAIN RL #40 69 PITCHES	(S/N S1402+)	
11.	809-149C	CHAIN RL #40 X 68 P	(S/N S1401-)	
12.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
13.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
14.	195-187D	POWER SHAFT 7/8 HEX RH OUTPUT		
15.	802-282C	RHSNB 5/16-18X1 GR5		
16.	804-015C	WASHER LOCK SPRING 1/2 PLT		
17.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
18.	803-036C	NUT HEX JAM 1/2-13 PLT		
19.	817-025C	NO. 40 12T IDLER SPKT.		
20.	802-041C	HHCS 1/2-13X3 1/2 GR5		
21.	136-122D	CHAIN RL #40 129 PITCHES		
22.	802-551C	HHCS 1/4-20X2 1/4 GR5		
23.	804-006C	WASHER LOCK SPRING 1/4 PLT		
24.	808-240C	SPKT 40A23X1.813-1.818 BR/6HOL		
25.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
26.	176-042S	JAW CLUTCH CW EXT 7/8 HEX	Refer to Jaw Clutch for breakdown	
27.	195-264H	SPKT 50A57 WITH 7/8 HEX HUB	(S/N S2717-)	
27.	195-320S	SPKT 50C57 RATCHET DRIVE	(S/N S2718+) Includes items: 35-41	
28.	195-186D	POWER SHAFT 7/8 HEX RH INPUT	(S/N S2717-)	
28.	195-381D	POWER SHAFT 7/8 HEX LH	(S/N S2718+)	
29.	195-170D	CLUTCH ADAPTOR 7/8 HEX BORE		
30.	802-413C	HHCS 1/2-13X4 1/2 GR5		
31.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
32.	802-092C	RHSNB 5/16-18X3/4 GR5	(S/N S2718+)	
33.	804-061C	WASHER MACH 1.50 X 1.00 X 18GA	(S/N S2718+)	
34.	195-376D	7/8 HEX WASHER X .21	(S/N S2718+)	
35.	402-050D	CLUTCH, SIDE PLATE TAPPED		
36.	808-449C	SPKT 50A57 SPECIAL BORE		
37.	402-376D	POLYURETHANE ROD SPRING 5/16 L		
38.	890-954C	HUB RATCHET SPKT #50		
39.	403-751D	KEY RATCHET CLUTCH #50 SPKT		
40.	402-051D	CLUTCH, SIDE PLATE C/BORED		
41.	802-418C	SHCS 1/4-20X7/8		

Right Hand Fertilizer (S/N S1562-)

(Applies to 3S-3000, 3S-3000F only)



16421

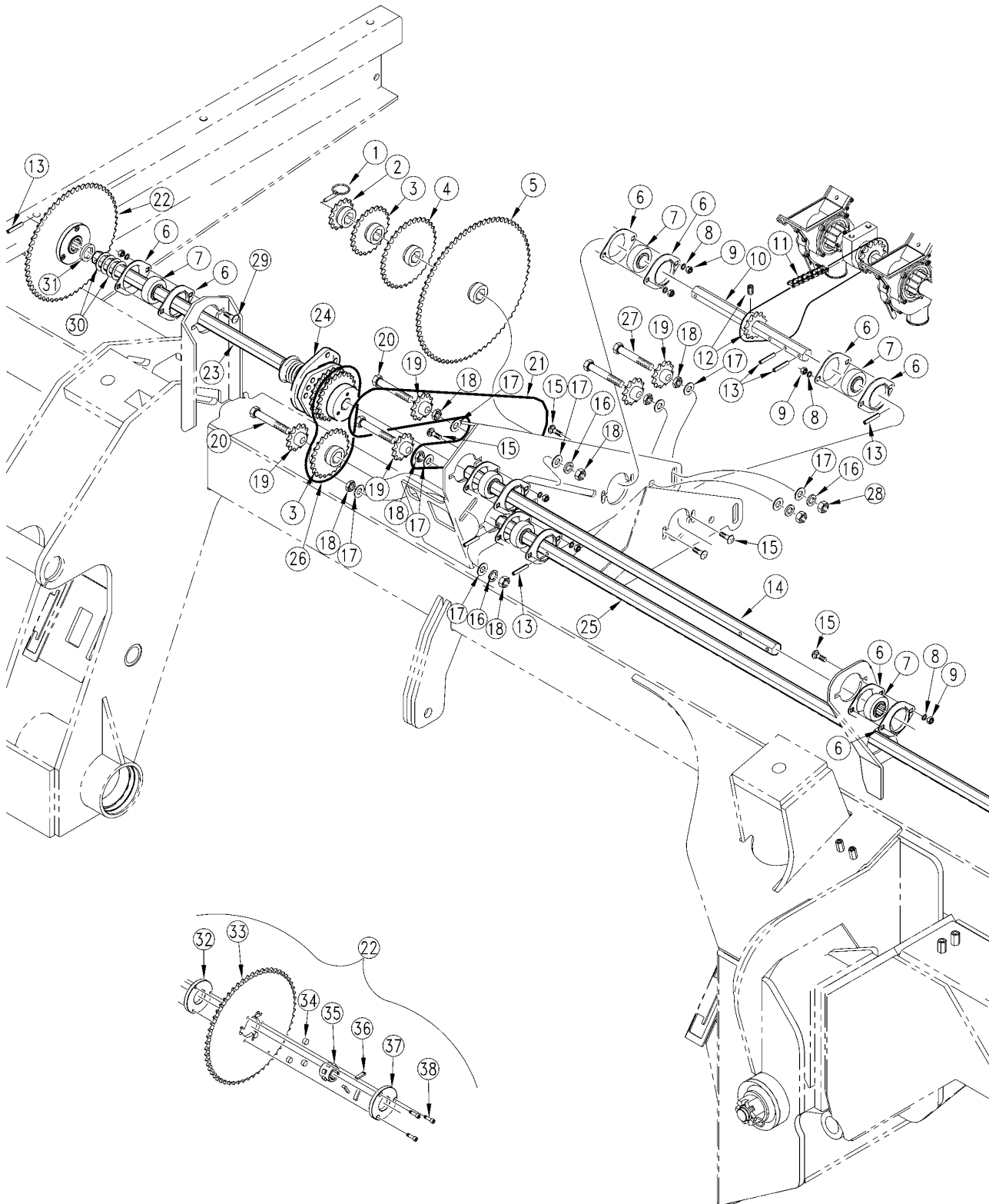
Right Hand Fertilizer (S/N S1562-)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16421	Image No.		
1.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
2.	195-137H	RPBY 808-259C		
3.	195-134H	SPKT 40B23T WITH 7/8 HEX HUB		
4.	195-135H	SPKT 40B34T WITH 7/8 HEX HUB		
5.	195-136H	RPBY 808-258C		
6.	822-032C	FLANGETTE 52 MST		
7.	822-119C	BRG 7/8HEXX2.05OD SPH		
8.	804-009C	WASHER LOCK SPRING 5/16 PLT		
9.	803-008C	NUT HEX 5/16-18 PLT		
10.	195-169D	SEED JACK SHAFT 7/8 HEX WING		
11.	809-149C	CHAIN RL #40 X 68 PITCH W/CON		
12.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
13.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
14.	195-187D	POWER SHAFT 7/8 HEX RH OUTPUT		
15.	802-282C	RHSNB 5/16-18X1 GR5		
16.	804-015C	WASHER LOCK SPRING 1/2 PLT		
17.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
18.	803-036C	NUT HEX JAM 1/2-13 PLT		
19.	817-025C	NO. 40 12T IDLER SPKT.		
20.	802-099C	HHCS 1/2-13X3 1/4 GR5		
21.	809-164C	RPBY 136-122D		
22.	195-264H	SPKT 50A57 WITH 7/8 HEX HUB	S/N S1399+	
22.	195-139H	SPKT 40B57T WITH 7/8 HEX HUB		
23.	195-186D	POWER SHAFT 7/8 HEX RH INPUT		
24.	195-186K	3S-3000F RH WING CLUTCH ASSY	Refer to "Right Hand Wing Clutch Fertilizer (195-186K)" for breakdown.	
25.	195-211D	HEX SHAFT 7/8, AUXILIARY POWER		
26.	809-071C	RPBY 136-064D		

Right Hand Fertilizer (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)



21632

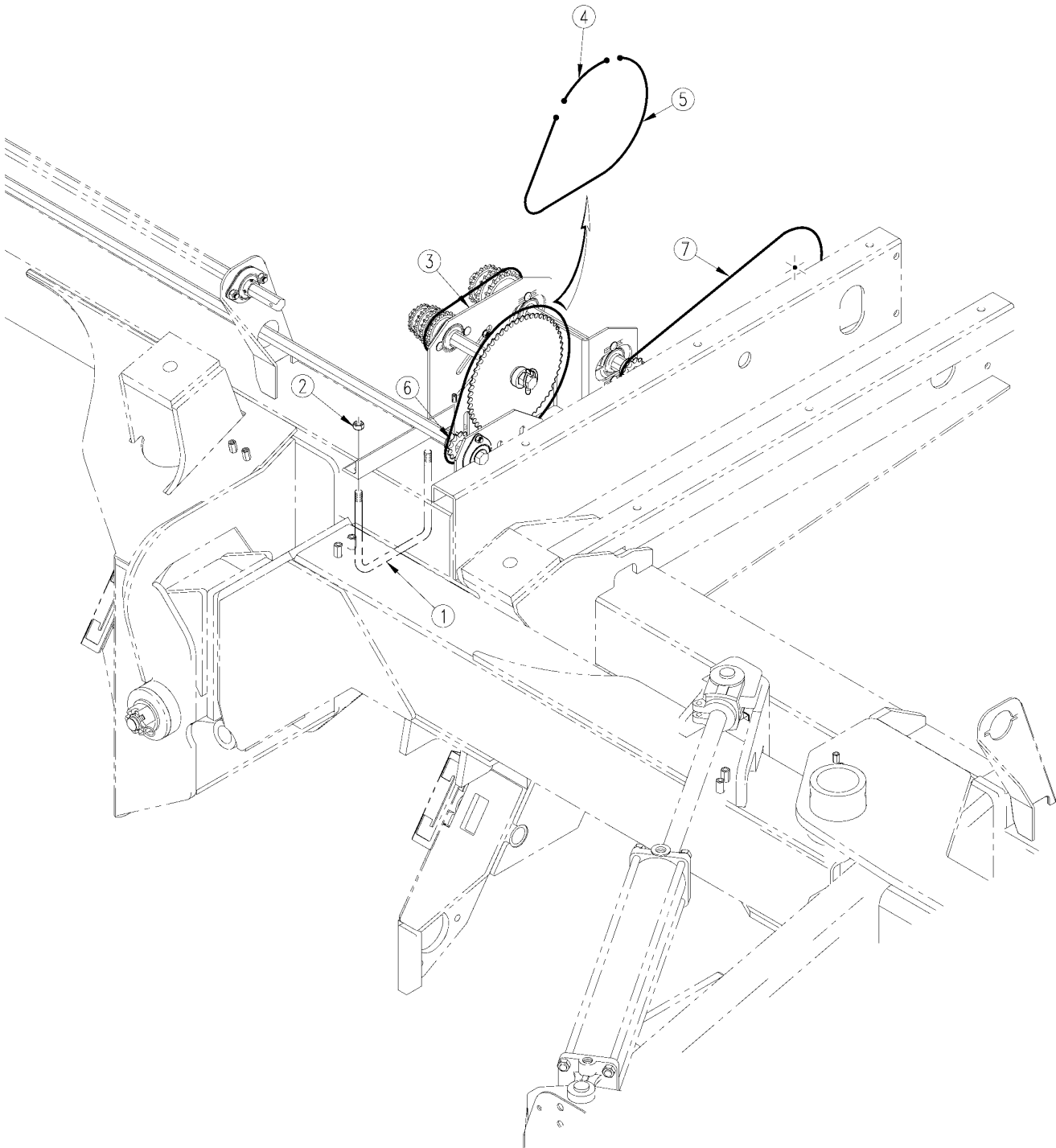
Right Hand Fertilizer (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg21632	Image No.		
1.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
2.	808-259C	SPKT 40B14 X 7/8 HEX BORE		
3.	808-256C	SPKT 40C23 X 7/8 HEX BORE		
4.	808-257C	SPKT 40B34 X 7/8 HEX BORE		
5.	808-258C	SPKT 40B72 X 7/8 HEX BORE		
6.	822-032C	FLANGETTE 52 MST		
7.	822-119C	BRG. 7/8HEX BR 52MM SPHRICAL OD		
8.	804-009C	WASHER LOCK SPRING 5/16 PLT		
9.	803-008C	NUT HEX 5/16-18 PLT		
10.	195-196D	SEED/FERTILIZER SELECT FLAP		
11.	136-052D	CHAIN RL #40 69 PITCHES	(S/N S1402+)	
11.	809-149C	CHAIN RL #40 X 68 P	(S/N S1401-)	
12.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
13.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
14.	195-187D	POWER SHAFT 7/8 HEX RH OUTPUT		
15.	802-282C	RHSNB 5/16-18X1 GR5		
16.	804-015C	WASHER LOCK SPRING 1/2 PLT		
17.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
18.	803-036C	NUT HEX JAM 1/2-13 PLT		
19.	817-025C	NO. 40 12T IDLER SPKT.		
20.	802-041C	HHCS 1/2-13X3 1/2 GR5		
21.	136-122D	CHAIN RL #40 129 PITCHES		
22.	195-264H	SPKT 50A57 WITH 7/8 HEX HUB	(S/N S2717-)	
22.	195-320S	SPKT 50C57 RATCHET DRIVE	(S/N S2718+) Includes items 32-38	
23.	195-186D	POWER SHAFT 7/8 HEX RH INPUT	(S/N S2717-)	
23.	195-381D	POWER SHAFT 7/8 HEX LH	(S/N S2718+)	
24.	195-186K	3S-3000F RH WING CLUTCH ASSY	Refer to Right Hand Wing Clutch Fertilizer (195-186K) for breakdown	
25.	195-211D	HEX SHAFT 7/8, AUXILIARY POWER		
26.	136-064D	CHAIN RL #40 51 PITCHES		
27.	802-413C	HHCS 1/2-13X4 1/2 GR5		
28.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
29.	802-092C	RHSNB 5/16-18X3/4 GR5	(S/N S2718+)	
30.	804-061C	WASHER MACH 1.50 X 1.00 X 18GA	(S/N S2718+)	
31.	195-376D	7/8 HEX WASHER X .21	(S/N S2718+)	
32.	402-050D	CLUTCH, SIDE PLATE TAPPED		
33.	808-449C	SPKT 50A57 SPECIAL BORE		
34.	402-376D	POLYURETHANE ROD SPRING 5/16 L		
35.	890-954C	HUB RATCHET SPKT #50		
36.	403-751D	KEY RATCHET CLUTCH #50 SPKT		
37.	402-051D	CLUTCH, SIDE PLATE C/BORED		
38.	802-418C	HSNCS 1/4-20X7/8		

Right Hand Drive Fertilizer (Continued)

(Applies to 3S-3000, 3S-3000F only)



16426

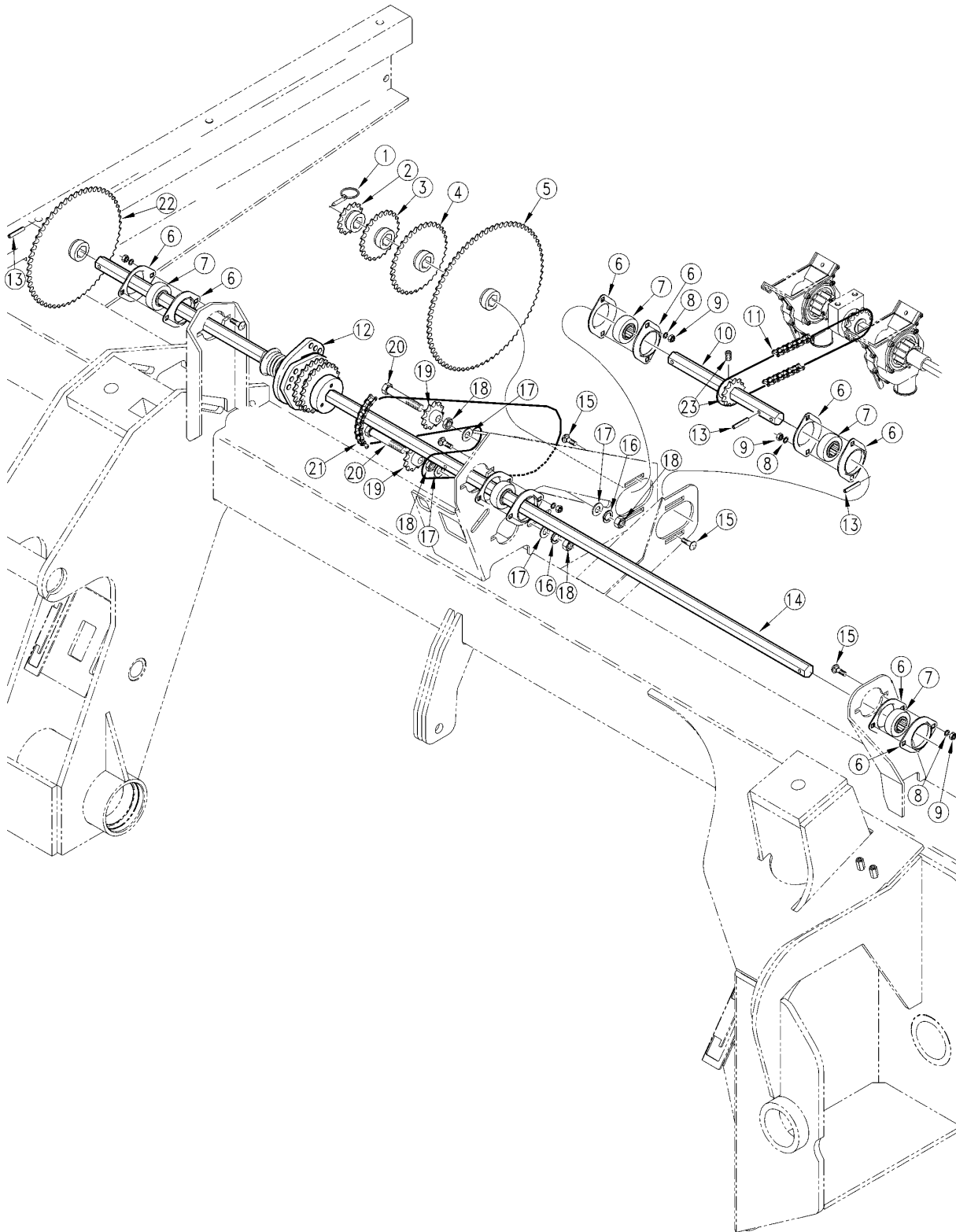
Right Hand Drive Fertilizer (Continued)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16426	Image No.		
1.	806-060C	U-BOLT 1/2-13 X 6 1/32 X 7 1/4		
2.	803-019C	NUT LOCK 1/2-13 PLT		
3.	195-184S	FERTILIZER DRIVE SUBASSY LH	Refer to "Fertilizer Drive Subassy (195-184S)" for breakdown.	
4.	809-146C	CHAIN RL #40 X 16 PITCHES	(S/N S1401-) Used with 136-118D.	
5.	136-151D	CHAIN RL #40 59 PITCHES		3rd Revision.
5.	136-118D	CHAIN RL #40 43 PITCHES		2nd Revision.
5.	809-160C	RPBY 136-118D		1st Revision.
6.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
7.	136-207D	CHAIN RL #40 109 PITCHES W/CON		3rd Revision.
7.	136-044D	CHAIN RL #40 109 PITCHES		2nd Revision.
7.	809-045C	RPBY 136-044D		1st Revision.

Right Hand Drive Point Row (Option) (S/N S1562-)

(Applies to 3S-3000, 3S-3000F only)



17023

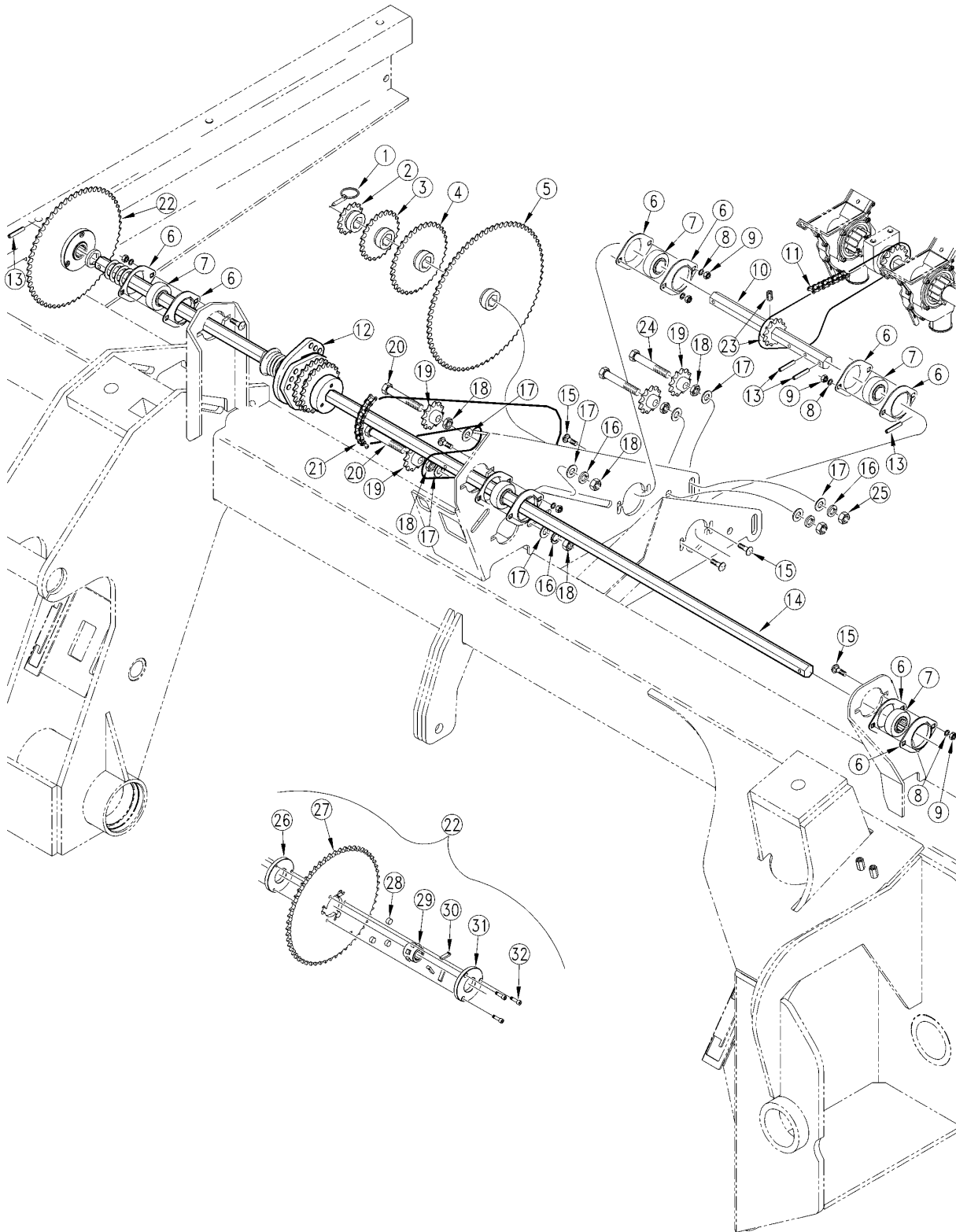
Right Hand Drive Point Row (Option) (S/N S1562-)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg17023	Image No.		
1.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
2.	195-137H	RPBY 808-259C		
3.	195-134H	SPKT 40B23T WITH 7/8 HEX HUB		
4.	195-135H	SPKT 40B34T WITH 7/8 HEX HUB		
5.	195-136H	RPBY 808-258C		
6.	822-032C	FLANGETTE 52 MST		
7.	822-119C	BRG 7/8HEXX2.05OD SPH		
8.	804-009C	WASHER LOCK SPRING 5/16 PLT		
9.	803-008C	NUT HEX 5/16-18 PLT		
10.	195-169D	SEED JACK SHAFT 7/8 HEX WING		
11.	809-149C	CHAIN RL #40 X 68 PITCH W/CON		
12.	195-187K	3S-3000F LH WING CLUTCH ASSY	Refer to "Left Hand Wing Clutch Fertilizer (195-187K)" for breakdown	
13.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
14.	195-232D	SHAFT 7/8 HEX, POINT ROW-RH		
15.	802-282C	RHSNB 5/16-18X1 GR5		
16.	804-015C	WASHER LOCK SPRING 1/2 PLT		
17.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
18.	803-036C	NUT HEX JAM 1/2-13 PLT		
19.	817-025C	NO. 40 12T IDLER SPKT.		
20.	802-099C	HHCS 1/2-13X3 1/4 GR5		
21.	136-122D	CHAIN RL #40 129 PITCHES		
22.	195-264H	SPKT 50A57 WITH 7/8 HEX HUB	S/N S1399+	
22.	195-139H	SPKT 40B57T WITH 7/8 HEX HUB	S/N S1398-	
23.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		

Right Hand Drive Point Row (Option) (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)



21633

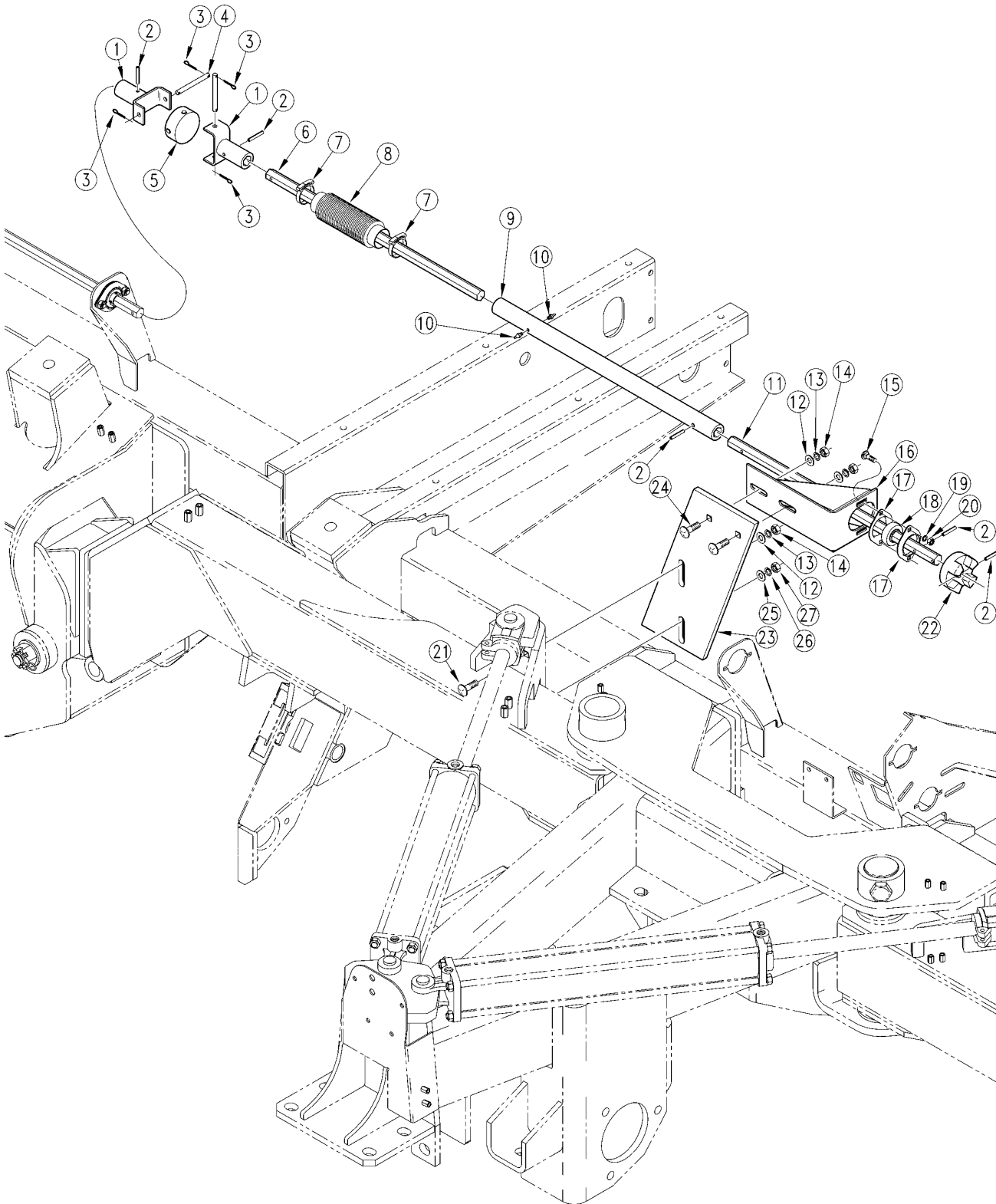
Right Hand Drive Point Row (Option) (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg21633	Image No.		
1.	805-240C	PIN LYNCH 3/16 X 1 9/16 LONG		
2.	808-259C	SPKT 40B14 X 7/8 HEX BORE		
3.	808-256C	SPKT 40C23 X 7/8 HEX BORE		
4.	808-257C	SPKT 40B34 X 7/8 HEX BORE		
5.	808-258C	SPKT 40B72 X 7/8 HEX BORE		
6.	822-032C	FLANGETTE 52 MST		
7.	822-119C	BRG. 7/8HEX BR 52MM SPHRICAL OD		
8.	804-009C	WASHER LOCK SPRING 5/16 PLT		
9.	803-008C	NUT HEX 5/16-18 PLT		
10.	195-169D	SEED JACK SHAFT 7/8 HEX WING		
11.	136-052D	CHAIN RL #40 69 PITCHES		
11.	809-149C	CHAIN RL #40 X 68 P		
12.	195-187K	3S-3000F LH WING CLUTCH ASSY	Refer to Left Hand Wing Clutch Fertilizer (195-187K) for breakdown	
13.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
14.	195-232D	SHAFT 7/8 HEX, POINT ROW-RH	(S/N S2717-) Used with 195-264H	
14.	195-459D	7/8 HEX SHAFT POINT ROW-RH	(S/N S2718+) Used with 195-320S	
15.	802-282C	RHSNB 5/16-18X1 GR5		
16.	804-015C	WASHER LOCK SPRING 1/2 PLT		
17.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
18.	803-036C	NUT HEX JAM 1/2-13 PLT		
19.	817-025C	NO. 40 12T IDLER SPKT.		
20.	802-041C	HHCS 1/2-13X3 1/2 GR5		
21.	136-122D	CHAIN RL #40 129 PITCHES		
22.	195-264H	SPKT 50A57 WITH 7/8 HEX HUB	(S/N S2717-)	
22.	195-320S	SPKT 50C57 RATCHET DRIVE	Shown (S/N S2718+) Includes items 26-32	
23.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
24.	802-413C	HHCS 1/2-13X4 1/2 GR5		
25.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
26.	402-050D	CLUTCH, SIDE PLATE TAPPED		
27.	808-449C	SPKT 50A57 SPECIAL BORE		
28.	402-376D	POLYURETHANE ROD SPRING 5/16 L		
29.	890-954C	HUB RATCHET SPKT #50		
30.	403-751D	KEY RATCHET CLUTCH #50 SPKT		
31.	402-051D	CLUTCH, SIDE PLATE C/BORED		
32.	802-418C	SHCS 1/4-20X7/8		

Center Drive

(Applies to 3S-3000, 3S-3000F only)



15460

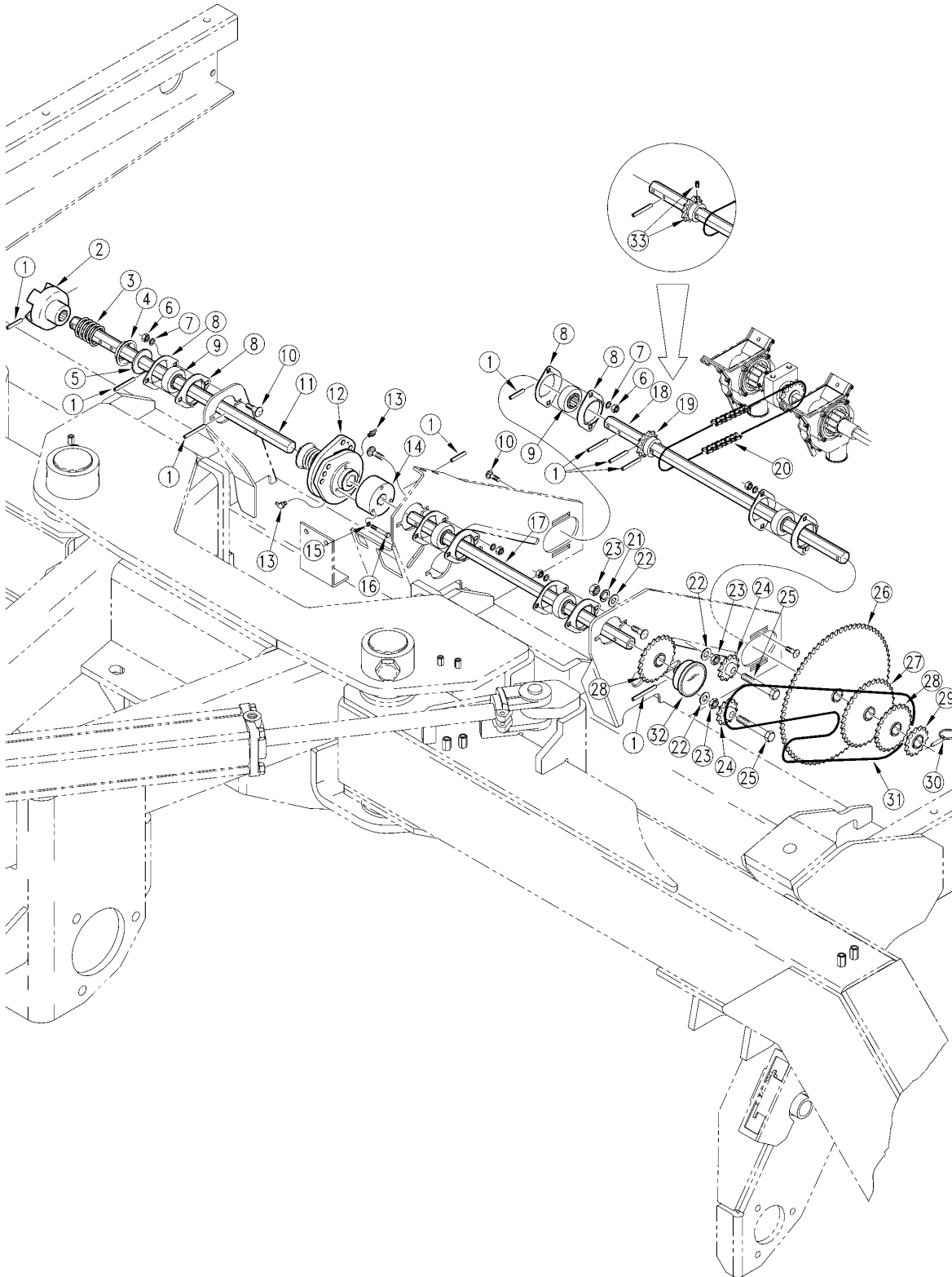
Center Drive

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15460	Image No.		
1.	195-129H	U-JOINT YOKE 7/8 HEX BORE		
2.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
3.	805-067C	PIN COTTER 1/8 X 3/4		
4.	195-157D	U-JOINT PIN 3/8		
5.	817-273C	U-JOINT NYLATRON CROSS BLOCK		
6.	195-152D	HEX SHFT 7/8TELESCOPING 25 3/4		
7.	800-016C	UPPER FERT HOSE CLAMP		
8.	816-242C	SEED HOSE-BELLOWS 1.75IDX36RIB		
9.	195-153D	TELESCOPING TUBE 7/8 HEX BORE		
10.	800-001C	GREASE ZERK STRAIGHT 1/4-28		
11.	195-151D	HEX SHAFT 7/8 BREAKAWAY		
12.	804-016C	WASHER FLAT 1/2 SAE PLT		
13.	804-015C	WASHER LOCK SPRING 1/2 PLT		
14.	803-020C	NUT HEX 1/2-13 PLT		
15.	802-282C	RHSNB 5/16-18X1 GR5		
16.	195-128H	BREAKAWAY BEARING TOOLBAR BRKT		
17.	822-032C	FLANGETTE 52 MST		
18.	822-119C	BRG 7/8HEXX2.05OD SPH		
19.	804-009C	WASHER LOCK SPRING 5/16 PLT		
20.	803-008C	NUT HEX 5/16-18 PLT		
21.	802-088C	RHSNB 5/8-11X2 GR5		
22.	195-108D	BRKAWAY CLUTCH 7/8 HX SHORT BR		
23.	194-150D	BREAK AWAY ADJUSTMENT PLATE		
24.	802-106C	RHSNB 1/2-13X1 1/2 GR5		
25.	804-019C	WASHER FLAT 5/8 USS PLT		
26.	804-022C	WASHER LOCK SPRING 5/8 PLT		
27.	803-021C	NUT HEX 5/8-11 PLT		

Center Drive (Continued) (S/N S1021-)

(Applies to 3S-3000, 3S-3000F only)



15461

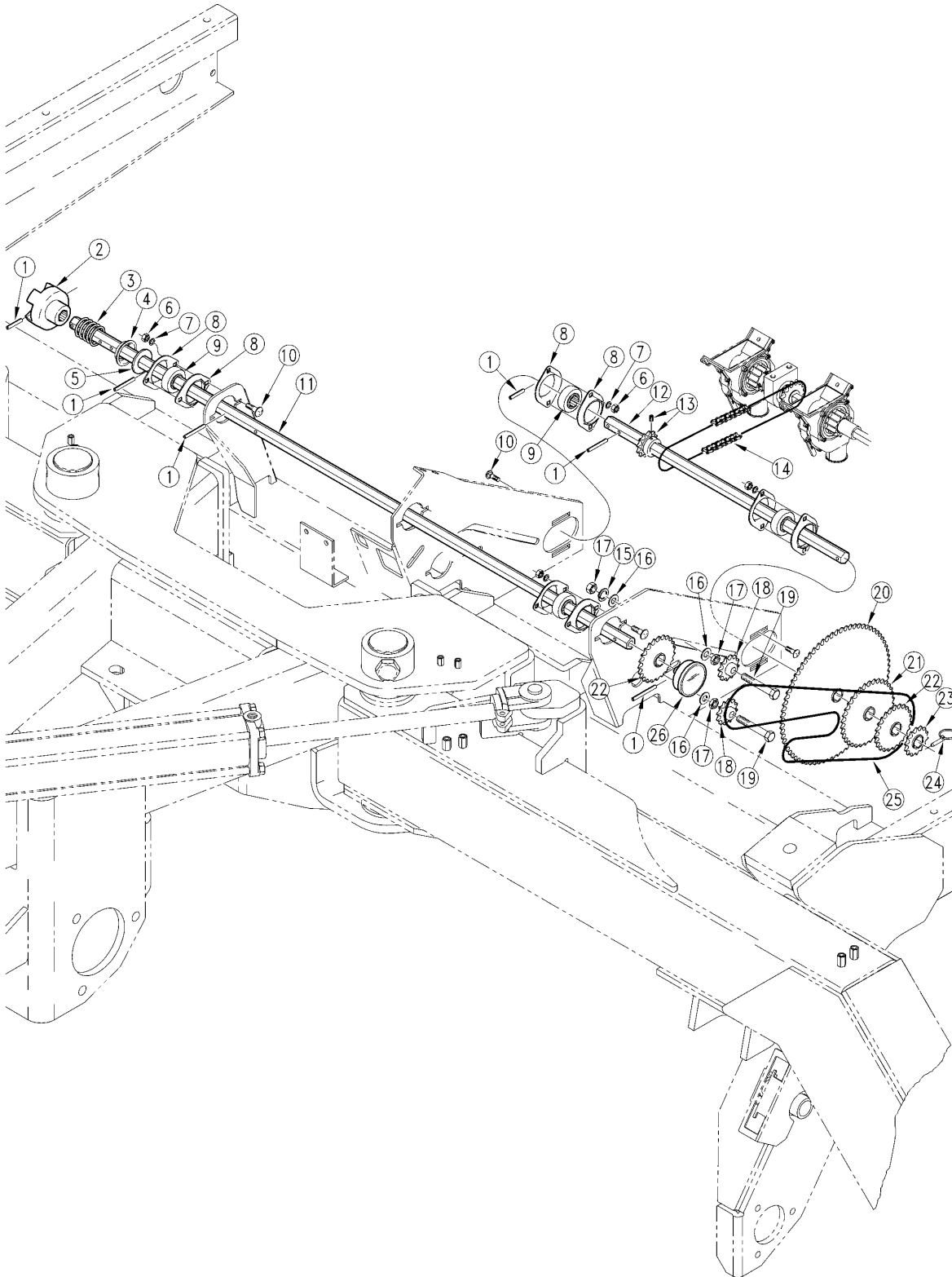
Center Drive (Continued) (S/N S1021-)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15461	Image No.		
1.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
2.	195-109D	BRKAWAY CLUTCH 7/8 HX LONG BR		
3.	807-097C	SPRING COMP 2 1/16 OD X 4 LG		
4.	176-066D	CLUTCH SPRING RETAINER		
5.	804-061C	WASHER MACH 1.50 X 1.00 X 18GA		
6.	803-008C	NUT HEX 5/16-18 PLT		
7.	804-009C	WASHER LOCK SPRING 5/16 PLT		
8.	822-032C	FLANGETTE 52 MST		
9.	822-119C	BRG 7/8HEXX2.05OD SPH		
10.	802-282C	RHSNB 5/16-18X1 GR5		
11.	195-150D	POWER SHAFT 7/8 HEX CENTER		
12.	176-044S	JAW CLUTCH CW 7/8 HEX SHORT	Refer to "Jaw Clutch" for breakdown.	
13.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
14.	195-170D	CLUTCH ADAPTOR 7/8 HEX BORE		
15.	804-006C	WASHER LOCK SPRING 1/4 PLT		
16.	802-152C	HHCS 1/4-20X2 GR5		
17.	195-168D	POWER SHAFT 7/8 HEX CTR CLUTCH		
18.	195-172D	SEED JACKSHAFT 7/8 HEX CENTER	Revised. Deleted 2 sprocket roll pin holes. Order w/ #33, 808-143C 1st time	
19.	195-138H	RPBY 808-260C	Order only if using original shaft	
20.	809-149C	CHAIN RL #40 X 68 PITCH W/CON		
21.	804-015C	WASHER LOCK SPRING 1/2 PLT		
22.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
23.	803-036C	NUT HEX JAM 1/2-13 PLT		
24.	817-025C	NO. 40 12T IDLER SPKT.		
25.	802-099C	HHCS 1/2-13X3 1/4 GR5		
26.	195-136H	RPBY 808-258C		
27.	195-135H	SPKT 40B34T WITH 7/8 HEX HUB		
28.	195-134H	SPKT 40B23T WITH 7/8 HEX HUB		
29.	195-137H	RPBY 808-259C		
30.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
31.	809-164C	RPBY 136-122D		
32.	891-059C	3S-3000 ACRE METER		
33.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS	Order only if using revised shaft.	

Center Drive (Continued) (S/N S1022 - S/N S1562)

(Applies to 3S-3000, 3S-3000F only)



16067

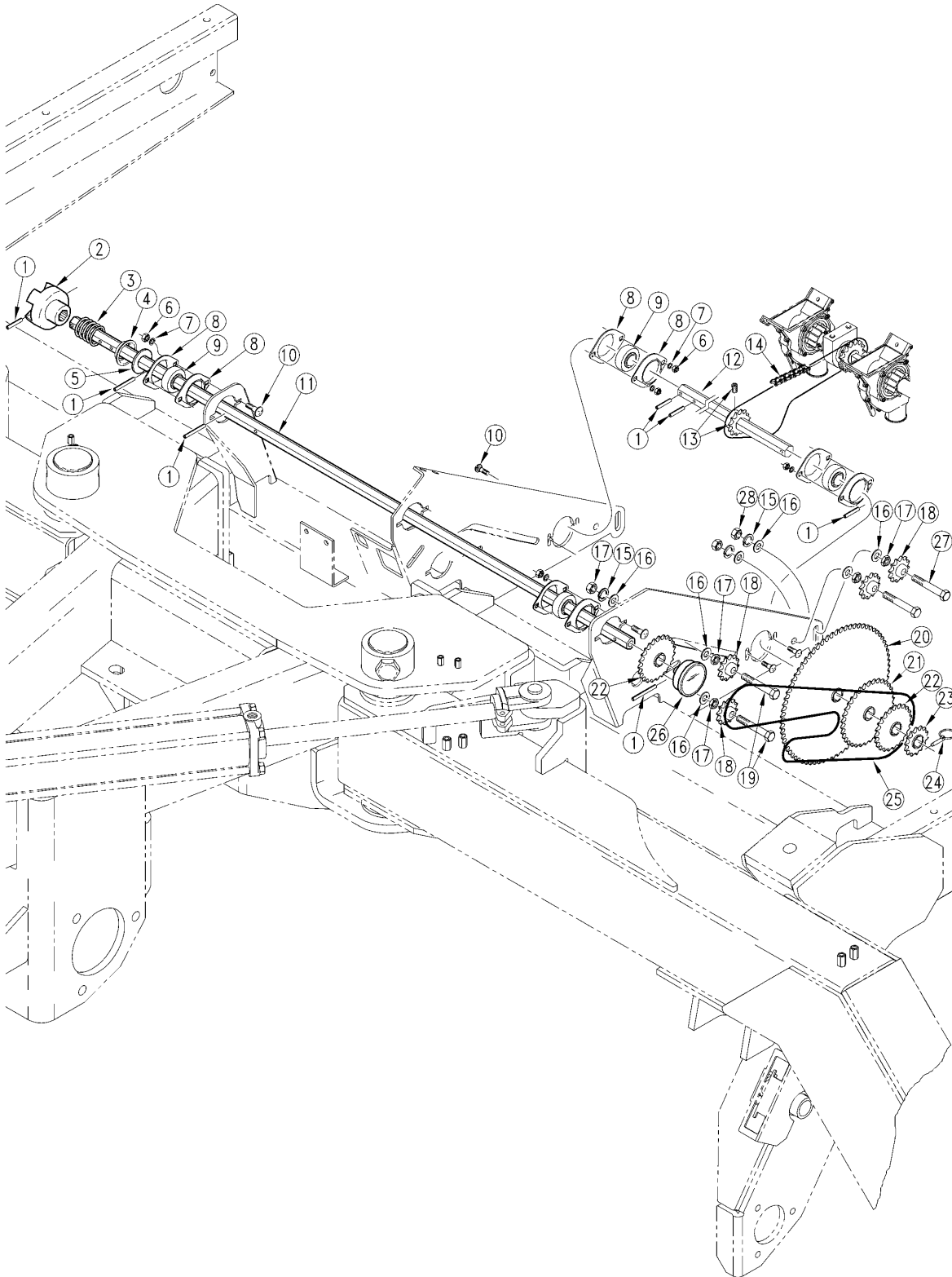
Center Drive (Continued) (S/N S1022 - S/N S1562)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16067	Image No.		
1.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
2.	195-109D	BRKAWAY CLUTCH 7/8 HX LONG BR		
3.	807-097C	SPRING COMP 2 1/16 OD X 4 LG		
4.	176-066D	CLUTCH SPRING RETAINER		
5.	804-061C	WASHER MACH 1.50 X 1.00 X 18GA		
6.	803-008C	NUT HEX 5/16-18 PLT		
7.	804-009C	WASHER LOCK SPRING 5/16 PLT		
8.	822-032C	FLANGETTE 52 MST		
9.	822-119C	BRG 7/8HEXX2.05OD SPH		
10.	802-282C	RHSNB 5/16-18X1 GR5		
11.	195-188D	POWER SHAFT 7/8 HEX CENTER		
12.	195-172D	SEED JACKSHAFT 7/8 HEX CENTER		
13.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
14.	809-149C	CHAIN RL #40 X 68 PITCH W/CON		
15.	804-015C	WASHER LOCK SPRING 1/2 PLT		
16.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
17.	803-036C	NUT HEX JAM 1/2-13 PLT		
18.	817-025C	NO. 40 12T IDLER SPKT.		
19.	802-099C	HHCS 1/2-13X3 1/4 GR5		
20.	195-136H	RPBY 808-258C		
21.	195-135H	SPKT 40B34T WITH 7/8 HEX HUB		
22.	195-134H	SPKT 40B23T WITH 7/8 HEX HUB		
23.	195-137H	RPBY 808-259C		
24.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
25.	809-164C	RPBY 136-122D		
26.	891-059C	3S-3000 ACRE METER		

Center Drive (Continued) (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)



21634

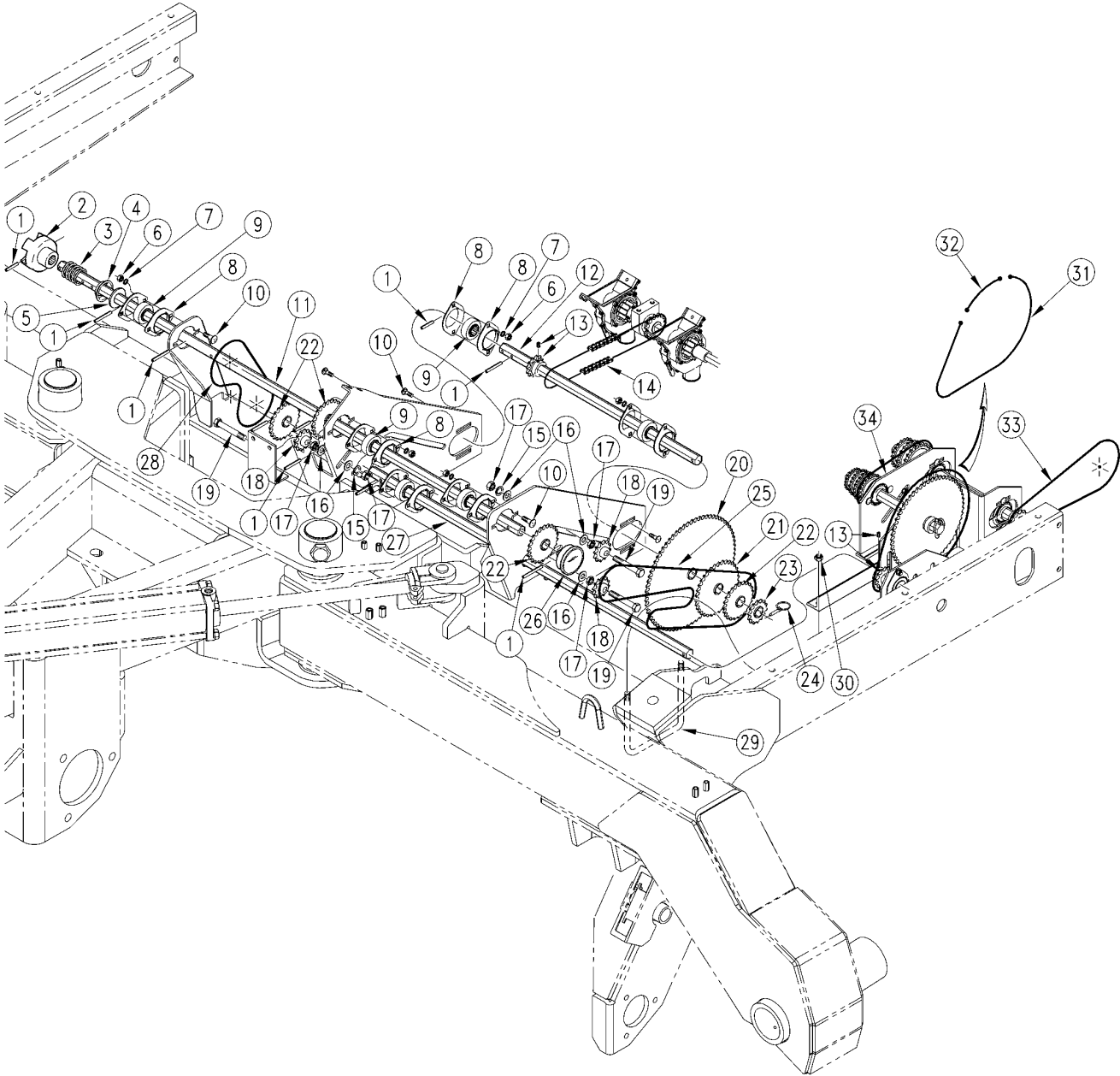
Center Drive (Continued) (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg21634	Image No.		
1.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
2.	195-109D	BRKAWAY CLUTCH 7/8 HX LONG BR		
3.	807-097C	SPRING COMP 2 1/16 OD X 4 LG		
4.	176-066D	CLUTCH SPRING RETAINER		
5.	804-061C	WASHER MACH 1.50 X 1.00 X 18GA		
6.	803-008C	NUT HEX 5/16-18 PLT		
7.	804-009C	WASHER LOCK SPRING 5/16 PLT		
8.	822-032C	FLANGETTE 52 MST		
9.	822-119C	BRG 7/8HEXX2.05OD SPH		
10.	802-282C	RHSNB 5/16-18X1 GR5		
11.	195-188D	POWER SHAFT 7/8 HEX CENTER		
12.	195-172D	SEED JACKSHAFT 7/8 HEX CENTER		
13.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
14.	136-052D	CHAIN RL #40 69 PITCHES		2nd Revision.
14.	809-149C	CHAIN RL #40 X 68 PITCH W/CON		1st Revision.
15.	804-015C	WASHER LOCK SPRING 1/2 PLT		
16.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
17.	803-036C	NUT HEX JAM 1/2-13 PLT		
18.	817-025C	NO. 40 12T IDLER SPKT.		
19.	802-041C	HHCS 1/2-13X3 1/2 GR5		
20.	808-258C	SPKT 40B72 X 7/8 HEX BORE		2nd Revision.
20.	195-136H	RPBY 808-258C		1st Revision.
21.	808-257C	SPKT 40B34 X 7/8 HEX BORE		2nd Revision.
21.	195-135H	RPBY 808-257C		1st Revision.
22.	808-256C	SPKT 40C23 X 7/8 HEX BORE		2nd Revision.
22.	195-134H	RPBY 808-256C		1st Revision.
23.	808-259C	SPKT 40B14 X 7/8 HEX BORE		2nd Revision.
23.	195-137H	RPBY 808-259C		1st Revision.
24.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
25.	136-122D	CHAIN RL #40 129 PITCHES		2nd Revision.
25.	809-164C	RPBY 136-122D		1st Revision.
26.	891-059C	3S-3000 ACRE METER		
26.	891-060C	3S-3000 HECTARE METER		
27.	802-413C	HHCS 1/2-13X4 1/2 GR5		
28.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		

Center Drive Fertilizer (S/N S1562-)

(Applies to 3S-3000, 3S-3000F only)



16422

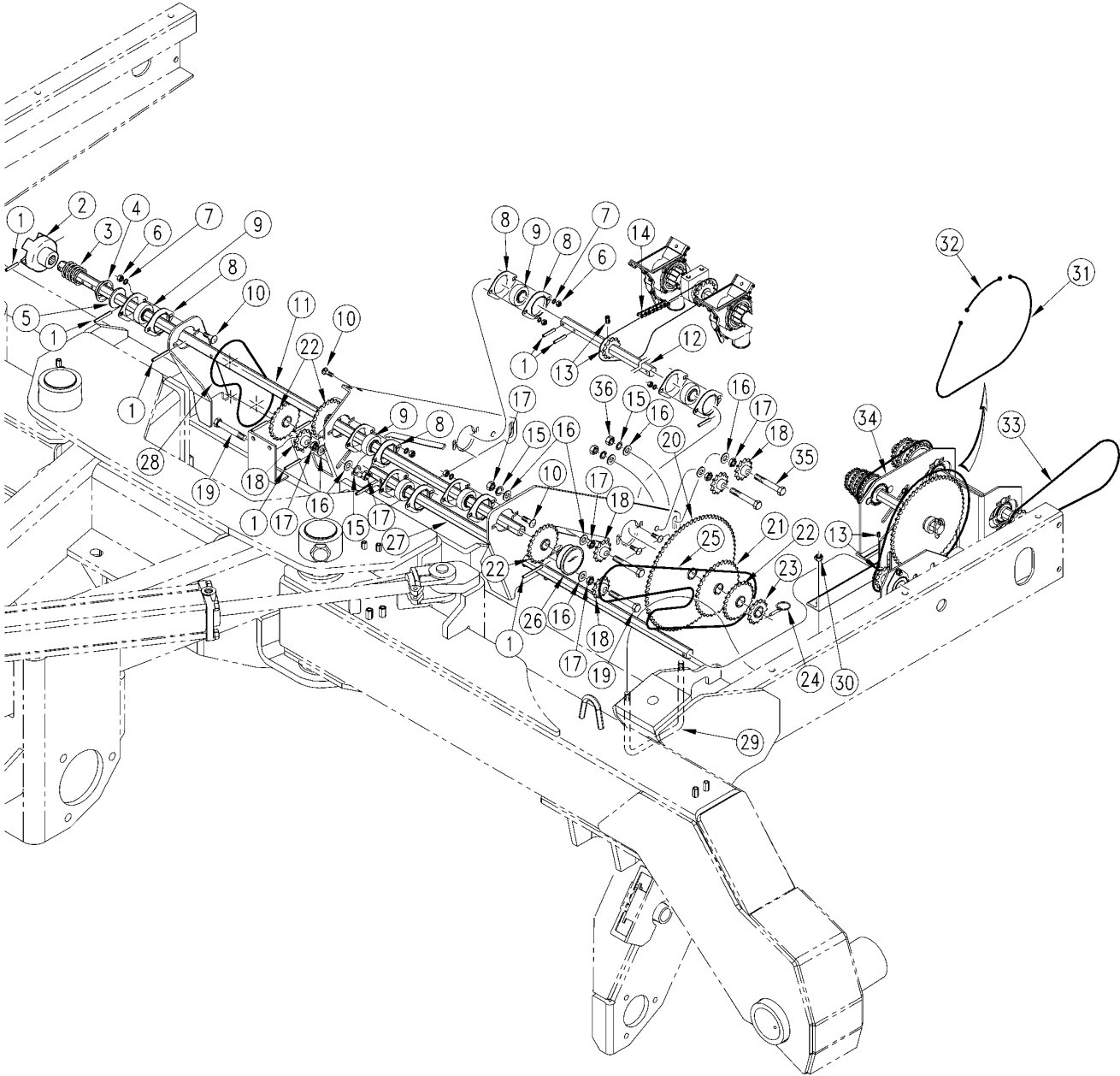
Center Drive Fertilizer (S/N S1562-)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16422	Image No.		
1.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
2.	195-109D	BRKAWAY CLUTCH 7/8 HX LONG BR		
3.	807-097C	SPRING COMP 2 1/16 OD X 4 LG		
4.	176-066D	CLUTCH SPRING RETAINER		
5.	804-061C	WASHER MACH 1.50 X 1.00 X 18GA		
6.	803-008C	NUT HEX 5/16-18 PLT		
7.	804-009C	WASHER LOCK SPRING 5/16 PLT		
8.	822-032C	FLANGETTE 52 MST		
9.	822-119C	BRG 7/8HEXX2.05OD SPH		
10.	802-282C	RHSNB 5/16-18X1 GR5		
11.	195-188D	POWER SHAFT 7/8 HEX CENTER		
12.	195-172D	SEED JACKSHAFT 7/8 HEX CENTER		
13.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
14.	809-149C	CHAIN RL #40 X 68 PITCH W/CON		
15.	804-015C	WASHER LOCK SPRING 1/2 PLT		
16.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
17.	803-036C	NUT HEX JAM 1/2-13 PLT		
18.	817-025C	NO. 40 12T IDLER SPKT.		
19.	802-099C	HHCS 1/2-13X3 1/4 GR5		
20.	195-136H	RPBY 808-258C		
21.	195-135H	SPKT 40B34T WITH 7/8 HEX HUB		
22.	195-134H	SPKT 40B23T WITH 7/8 HEX HUB		
23.	195-137H	RPBY 808-259C		
24.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
25.	809-164C	RPBY 136-122D		
26.	891-059C	3S-3000 ACRE METER		
27.	195-211D	HEX SHAFT 7/8, AUXILIARY POWER		
28.	809-071C	RPBY 136-064D		
29.	806-060C	U-BOLT 1/2-13 X 6 1/32 X 7 1/4		
30.	803-019C	NUT LOCK 1/2-13 PLT		
31.	809-160C	CHAIN RL #40 X 43 PITCH W/CON		
32.	809-146C	CHAIN RL #40 X 16 PITCH W/CON		
33.	809-045C	RPBY 136-044D		
34.	195-184S	FERTILIZER DRIVE SUBASSY LH	Refer to "Fertilizer Drive Subassy (195-184S)" for breakdown.	

Center Drive Fertilizer (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)



21635

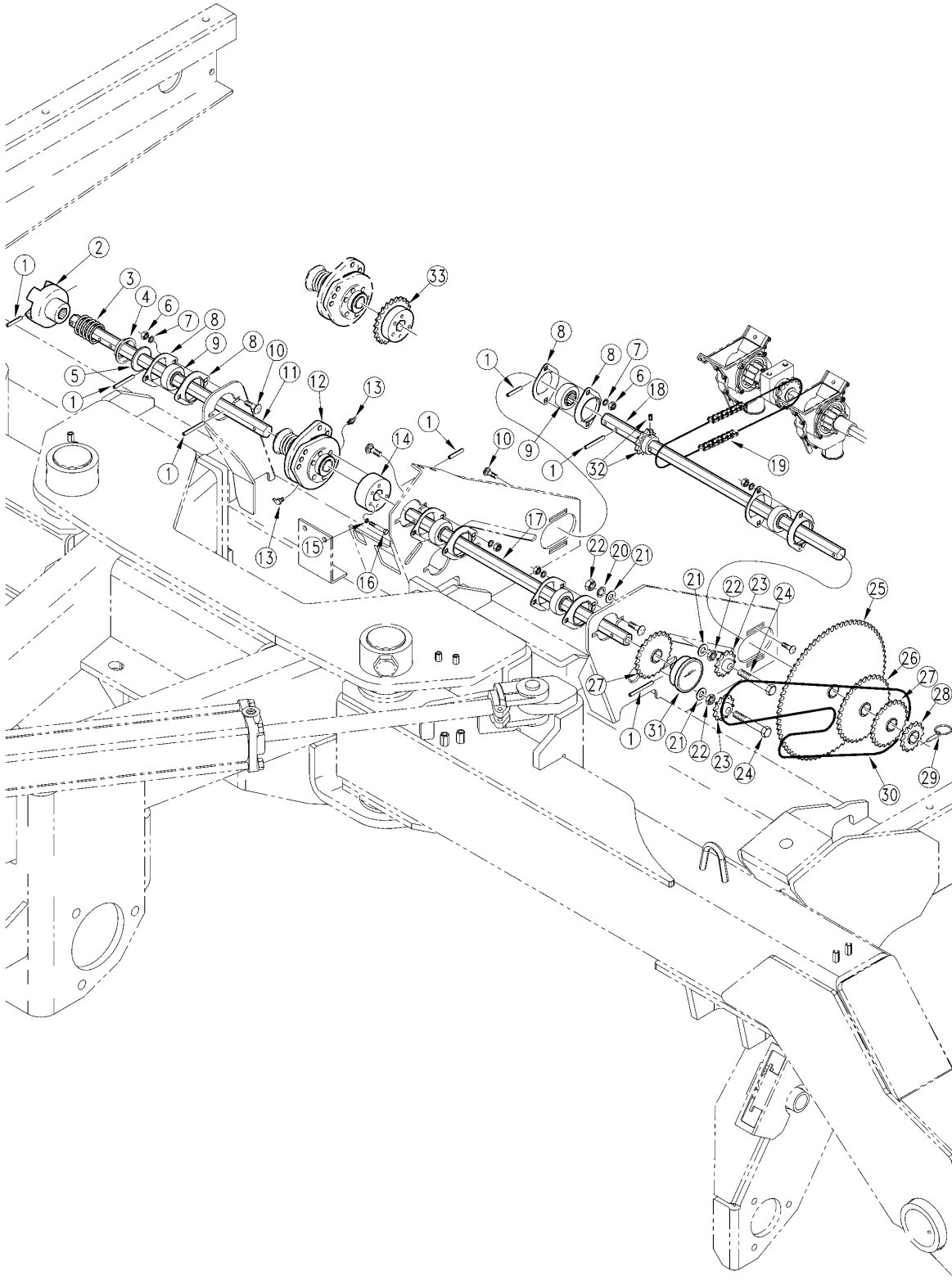
Center Drive Fertilizer (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg21635	Image No.		
1.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
2.	195-109D	BRKAWAY CLUTCH 7/8 HX LONG BR		
3.	807-097C	SPRING COMP 2 1/16 OD X 4 LG		
4.	176-066D	CLUTCH SPRING RETAINER		
5.	804-061C	WASHER MACH 1.50 X 1.00 X 18GA		
6.	803-008C	NUT HEX 5/16-18 PLT		
7.	804-009C	WASHER LOCK SPRING 5/16 PLT		
8.	822-032C	FLANGETTE 52 MST		
9.	822-119C	BRG 7/8HEXX2.05OD SPH		
10.	802-282C	RHSNB 5/16-18X1 GR5		
11.	195-188D	POWER SHAFT 7/8 HEX CENTER		
12.	195-172D	SEED JACKSHAFT 7/8 HEX CENTER		
13.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
14.	136-052D	CHAIN RL #40 69 PITCHES		2nd Revision.
14.	809-149C	CHAIN RL #40 X 68 PITCH W/CON		1st Revision.
15.	804-015C	WASHER LOCK SPRING 1/2 PLT		
16.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
17.	803-036C	NUT HEX JAM 1/2-13 PLT		
18.	817-025C	NO. 40 12T IDLER SPKT.		
19.	802-041C	HHCS 1/2-13X3 1/2 GR5		
20.	808-258C	SPKT 40B72 X 7/8 HEX BORE		2nd Revision.
20.	195-136H	RPBY 808-258C		1st Revision.
21.	808-257C	SPKT 40B34 X 7/8 HEX BORE		2nd Revision.
21.	195-135H	RPBY 808-257C		1st Revision.
22.	808-256C	SPKT 40C23 X 7/8 HEX BORE		2nd Revision.
22.	195-134H	RPBY 808-256C		1st Revision.
23.	808-259C	SPKT 40B14 X 7/8 HEX BORE		2nd Revision.
23.	195-137H	RPBY 808-259C		1st Revision.
24.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
25.	136-122D	CHAIN RL #40 129 PITCHES		2nd Revision.
25.	809-164C	RPBY 136-122D		1st Revision.
26.	891-059C	3S-3000 ACRE METER		
26.	891-060C	3S-3000 HECTARE METER		
27.	195-211D	HEX SHAFT 7/8, AUXILIARY POWER		
28.	136-064D	CHAIN RL #40 51 PITCHES		2nd Revision.
28.	809-071C	RPBY 136-064D		1st Revision.
29.	806-060C	U-BOLT 1/2-13 X 6 1/32 X 7 1/4		
30.	803-019C	NUT LOCK 1/2-13 PLT		
31.	136-151D	CHAIN RL #40 59 PITCHES		3rd Revision.
31.	136-118D	CHAIN RL #40 43 PITCHES		2nd Revision.
31.	809-160C	RPBY 136-118D		1st Revision.
32.	809-146C	CHAIN RL #40 X 16 PITCH W/CON	(S/N S1401-) Used with 136-118D.	
33.	136-207D	CHAIN RL #40 109 PITCHES W/CON		3rd Revision.
33.	136-044D	CHAIN RL #40 109 PITCHES		2nd Revision.
33.	809-045C	RPBY 136-044D		1st Revision.
34.	195-184S	FERTILIZER DRIVE SUBASSY LH	Refer to "Fertilizer Drive Subassy (195-184S)" for breakdown.	
35.	802-413C	HHCS 1/2-13X4 1/2 GR5		
36.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		

Center Drive Point Row (Option) (S/N S1562-)

(Applies to 3S-3000, 3S-3000F only)



17024

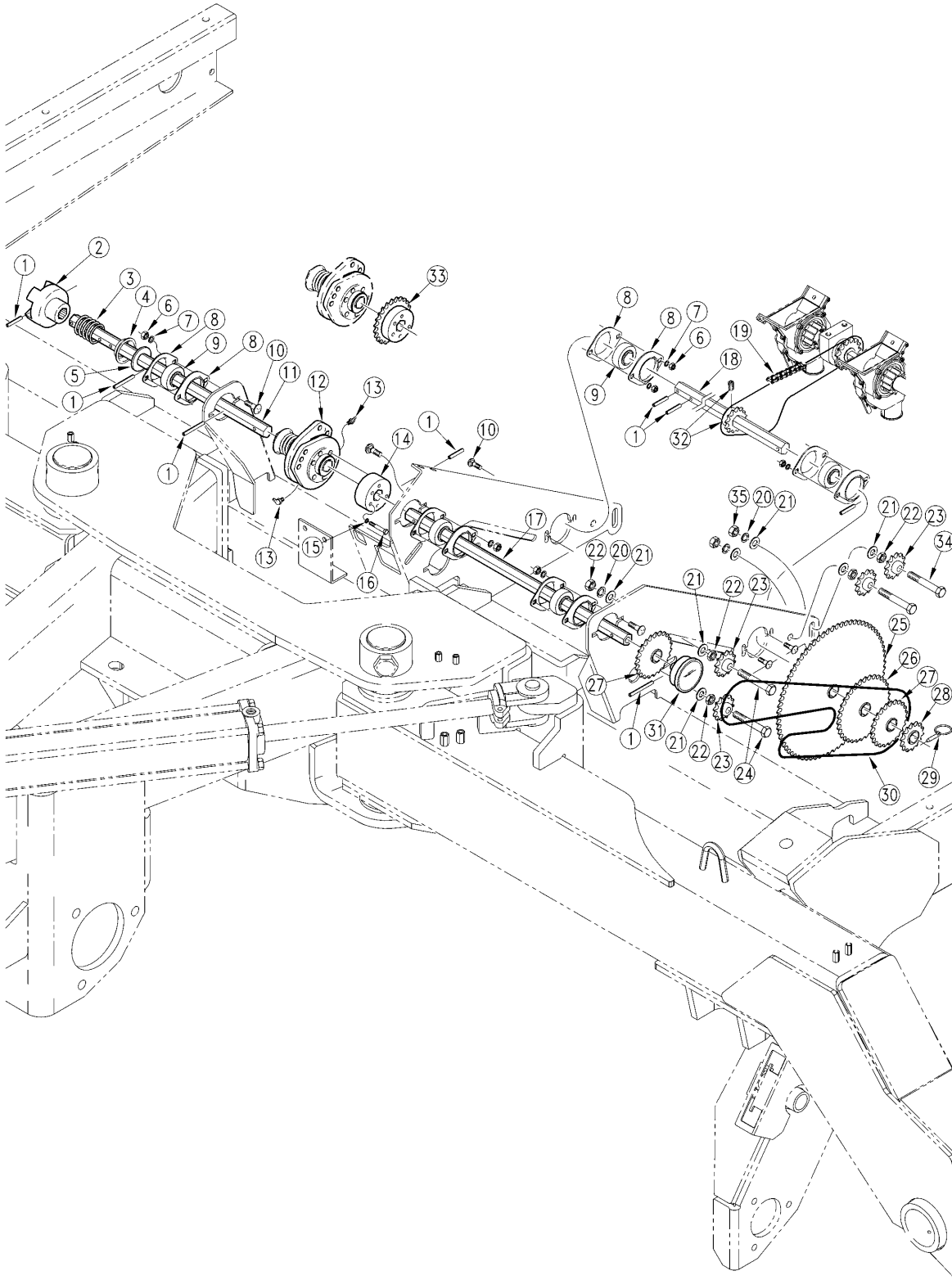
Center Drive Point Row (Option) (S/N S1562-)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg17024	Image No.		
1.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
2.	195-109D	BRKAWAY CLUTCH 7/8 HX LONG BR		
3.	807-097C	SPRING COMP 2 1/16 OD X 4 LG		
4.	176-066D	CLUTCH SPRING RETAINER		
5.	804-061C	WASHER MACH 1.50 X 1.00 X 18GA		
6.	803-008C	NUT HEX 5/16-18 PLT		
7.	804-009C	WASHER LOCK SPRING 5/16 PLT		
8.	822-032C	FLANGETTE 52 MST		
9.	822-119C	BRG 7/8HEXX2.05OD SPH		
10.	802-282C	RHSNB 5/16-18X1 GR5		
11.	195-231D	SHAFT 7/8 HEX,POINT ROW-CENTER		
12.	176-042S	JAW CLUTCH CW EXT 7/8 HEX	Refer to "Jaw Clutch" for breakdown	
13.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
14.	195-170D	CLUTCH ADAPTOR 7/8 HEX BORE	Grain only drills.	
15.	804-006C	WASHER LOCK SPRING 1/4 PLT		
16.	802-152C	HHCS 1/4-20X2 GR5		
17.	195-168D	POWER SHAFT 7/8 HEX CTR CLUTCH		
18.	195-172D	SEED JACKSHAFT 7/8 HEX CENTER		
19.	809-149C	CHAIN RL #40 X 68 PITCH W/CON		
20.	804-015C	WASHER LOCK SPRING 1/2 PLT		
21.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
22.	803-036C	NUT HEX JAM 1/2-13 PLT		
23.	817-025C	NO. 40 12T IDLER SPKT.		
24.	802-099C	HHCS 1/2-13X3 1/4 GR5		
25.	195-136H	RPBY 808-258C		
26.	195-135H	SPKT 40B34T WITH 7/8 HEX HUB		
27.	195-134H	SPKT 40B23T WITH 7/8 HEX HUB		
28.	195-137H	RPBY 808-259C		
29.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
30.	136-122D	CHAIN RL #40 129 PITCHES		
31.	891-059C	3S-3000 ACRE METER		
32.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
33.	195-161H	SPKT CLUTCH 40B23T HEX BORE	Fertilizer only.	

Center Drive Point Row (Option) (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)



21636

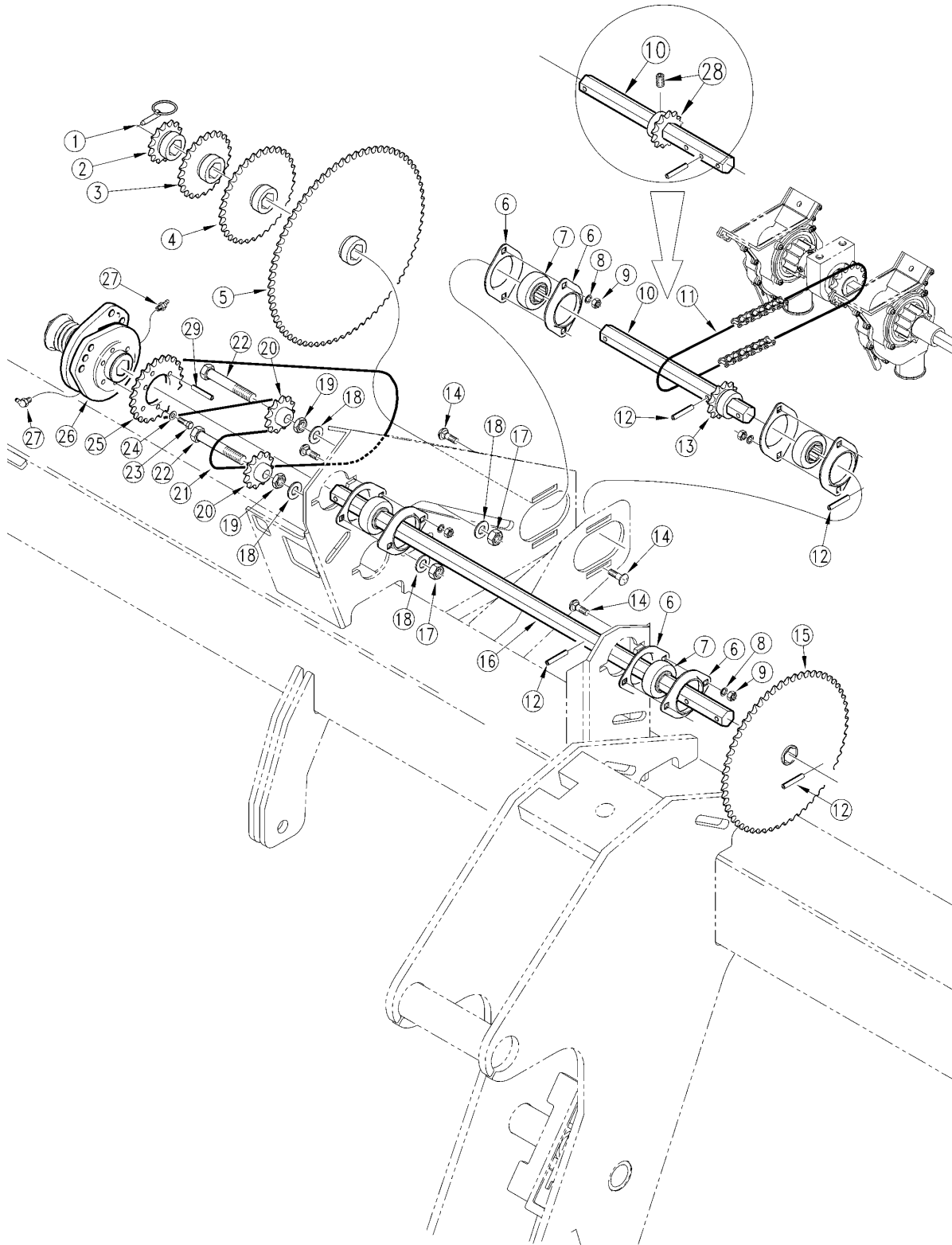
Center Drive Point Row (Option) (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg21636	Image No.		
1.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
2.	195-109D	BRKAWAY CLUTCH 7/8 HX LONG BR		
3.	807-097C	SPRING COMP 2 1/16 OD X 4 LG		
4.	176-066D	CLUTCH SPRING RETAINER		
5.	804-061C	WASHER MACH 1.50 X 1.00 X 18GA		
6.	803-008C	NUT HEX 5/16-18 PLT		
7.	804-009C	WASHER LOCK SPRING 5/16 PLT		
8.	822-032C	FLANGETTE 52 MST		
9.	822-119C	BRG 7/8HEXX2.05OD SPH		
10.	802-282C	RHSNB 5/16-18X1 GR5		
11.	195-231D	SHAFT 7/8 HEX,POINT ROW-CENTER		
12.	176-042S	JAW CLUTCH CW EXT 7/8 HEX	Refer to "Jaw Clutch" for breakdown.	
13.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
14.	195-170D	CLUTCH ADAPTOR 7/8 HEX BORE	Grain only drills.	
15.	804-006C	WASHER LOCK SPRING 1/4 PLT		
16.	802-152C	HHCS 1/4-20X2 GR5		
17.	195-168D	POWER SHAFT 7/8 HEX CTR CLUTCH		
18.	195-172D	SEED JACKSHAFT 7/8 HEX CENTER		
19.	136-152D	CHAIN RL #40 96 PITCHES		2nd Revision.
19.	809-149C	CHAIN RL #40 X 68 PITCH W/CON		1st Revision.
20.	804-015C	WASHER LOCK SPRING 1/2 PLT		
21.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
22.	803-036C	NUT HEX JAM 1/2-13 PLT		
23.	817-025C	NO. 40 12T IDLER SPKT.		
24.	802-099C	HHCS 1/2-13X3 1/4 GR5		
25.	808-258C	SPKT 40B72 X 7/8 HEX BORE		2nd Revision.
25.	195-136H	RPBY 808-258C		1st Revision.
26.	808-257C	SPKT 40B34 X 7/8 HEX BORE		2nd Revision.
26.	195-135H	RPBY 808-257C		1st Revision.
27.	808-256C	SPKT 40C23 X 7/8 HEX BORE		2nd Revision.
27.	195-134H	RPBY 808-256C		1st Revision.
28.	808-259C	SPKT 40B14 X 7/8 HEX BORE		2nd Revision.
28.	195-137H	RPBY 808-259C		1st Revision.
29.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
30.	136-122D	CHAIN RL #40 129 PITCHES		
31.	891-059C	3S-3000 ACRE METER		
31.	891-060C	3S-3000 HECTARE METER		
32.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
33.	195-161H	SPKT CLUTCH 40B23T HEX BORE	Fertilizer only.	
34.	802-413C	HHCS 1/2-13X4 1/2 GR5		
35.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		

Left Hand Drive (S/N S1562-)

(Applies to 3S-3000, 3S-3000F only)



15462

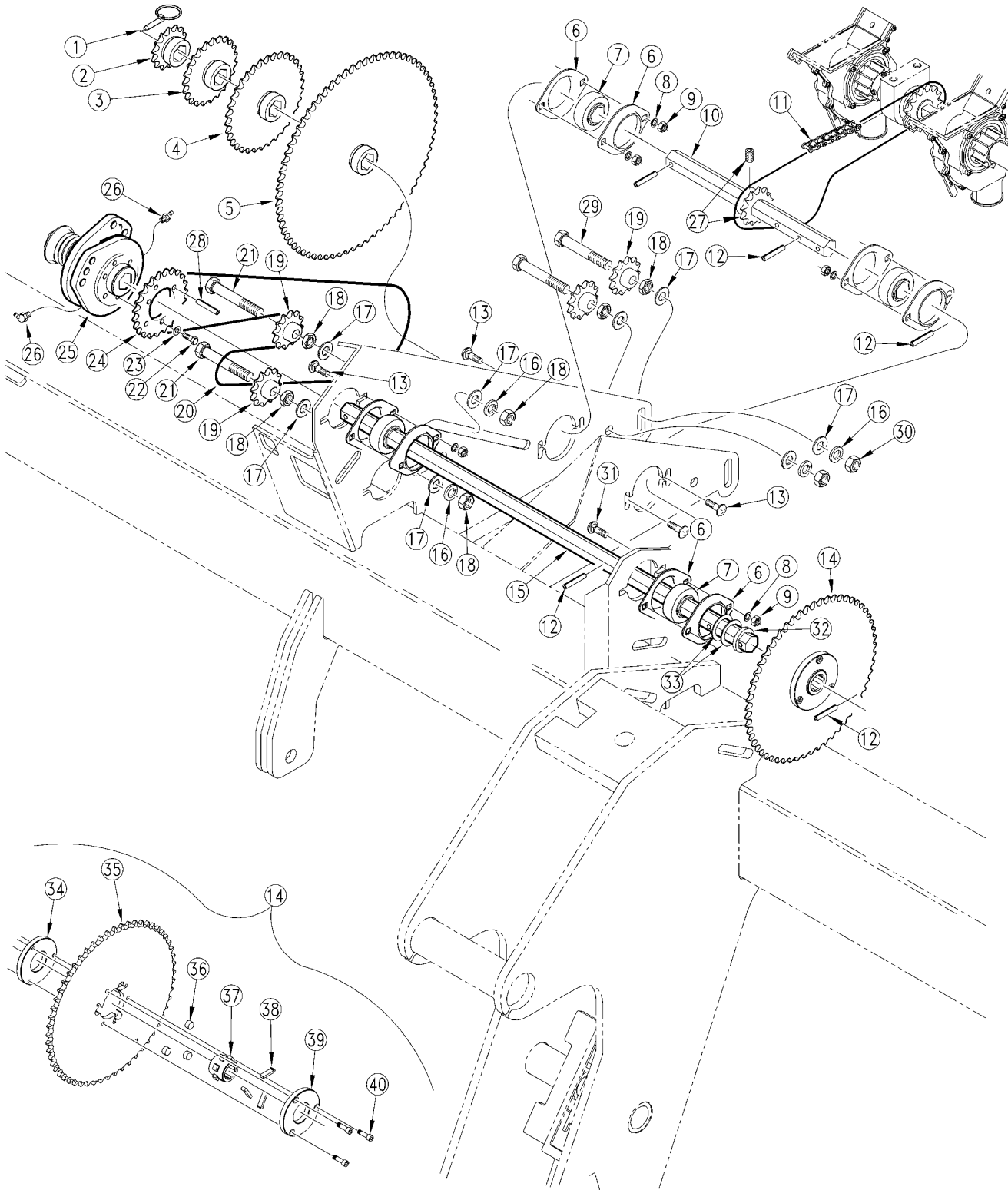
Left Hand Drive (S/N S1562-)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15462	Image No.		
1.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
2.	195-137H	RPBY 808-259C		
3.	195-134H	SPKT 40B23T WITH 7/8 HEX HUB		
4.	195-135H	SPKT 40B34T WITH 7/8 HEX HUB		
5.	195-136H	RPBY 808-258C		
6.	822-032C	FLANGETTE 52 MST		
7.	822-119C	BRG 7/8HEXX2.05OD SPH		
8.	804-009C	WASHER LOCK SPRING 5/16 PLT		
9.	803-008C	NUT HEX 5/16-18 PLT		
10.	195-169D	SEED JACK SHAFT 7/8 HEX WING	Revised part w/4 holes order w/#28, 195-143C 1st time only (see detail in illustration)	
11.	809-149C	CHAIN RL #40 X 68 PITCH W/CON		
12.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
13.	195-138H	RPBY 808-260C	Order only if using original shaft	
14.	802-282C	RHSNB 5/16-18X1 GR5		
15.	195-139H	SPKT 40B57T WITH 7/8 HEX HUB		
16.	195-189D	POWER SHAFT 7/8 HEX LH	(S/N S1022+)	Rev. 2 is not interchangeable w/rev. 1
16.	195-167D	POWER SHAFT 7/8 HEX LH	(S/N S1021-)	1st rev.
17.	803-178C	NUT NYLOCK JAM NUT 1/2-13		
18.	804-017C	WASHER FLAT 1/2 USS PLT		
19.	803-036C	NUT HEX JAM 1/2-13 PLT		
20.	817-025C	NO. 40 12T IDLER SPKT.		
21.	136-122D	CHAIN RL #40 129 PITCHES		2nd rev.
21.	809-164C	RPBY 136-122D		Use existing stock; 1st rev.
22.	802-099C	HHCS 1/2-13X3 1/4 GR5		
23.	802-004C	HHCS 1/4-20X3/4 GR5	(S/N S1022+)	Rev. 2 is not interchangeable w/rev. 1
23.	801-070C	HSHCS 1/4-20X3/4	(S/N S1021-)	1st rev.
24.	804-006C	WASHER LOCK SPRING 1/4 PLT		
25.	808-240C	SPKT 40A23X1.813-1.818 BR/6HOL		2nd rev.
25.	152-283D	RPBY 808-240C		Use existing stock; 1st rev.
26.	176-042S	JAW CLUTCH CW EXT 7/8 HEX	(S/N S1022+); Refer to "Jaw Clutch" for breakdown.	Rev. 2 is not interchangeable w/rev. 1
26.	176-044S	JAW CLUTCH CW 7/8 HEX SHORT	(S/N S1021-); Refer to "Jaw Clutch" for breakdown.	1st rev.
27.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
28.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS	Order only if using revised shaft (orient as shown in detail)	
29.	805-026C	PIN ROLL 1/4 X 3/4 PLT	(S/N S1022+)	

Left Hand Drive (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)



21637

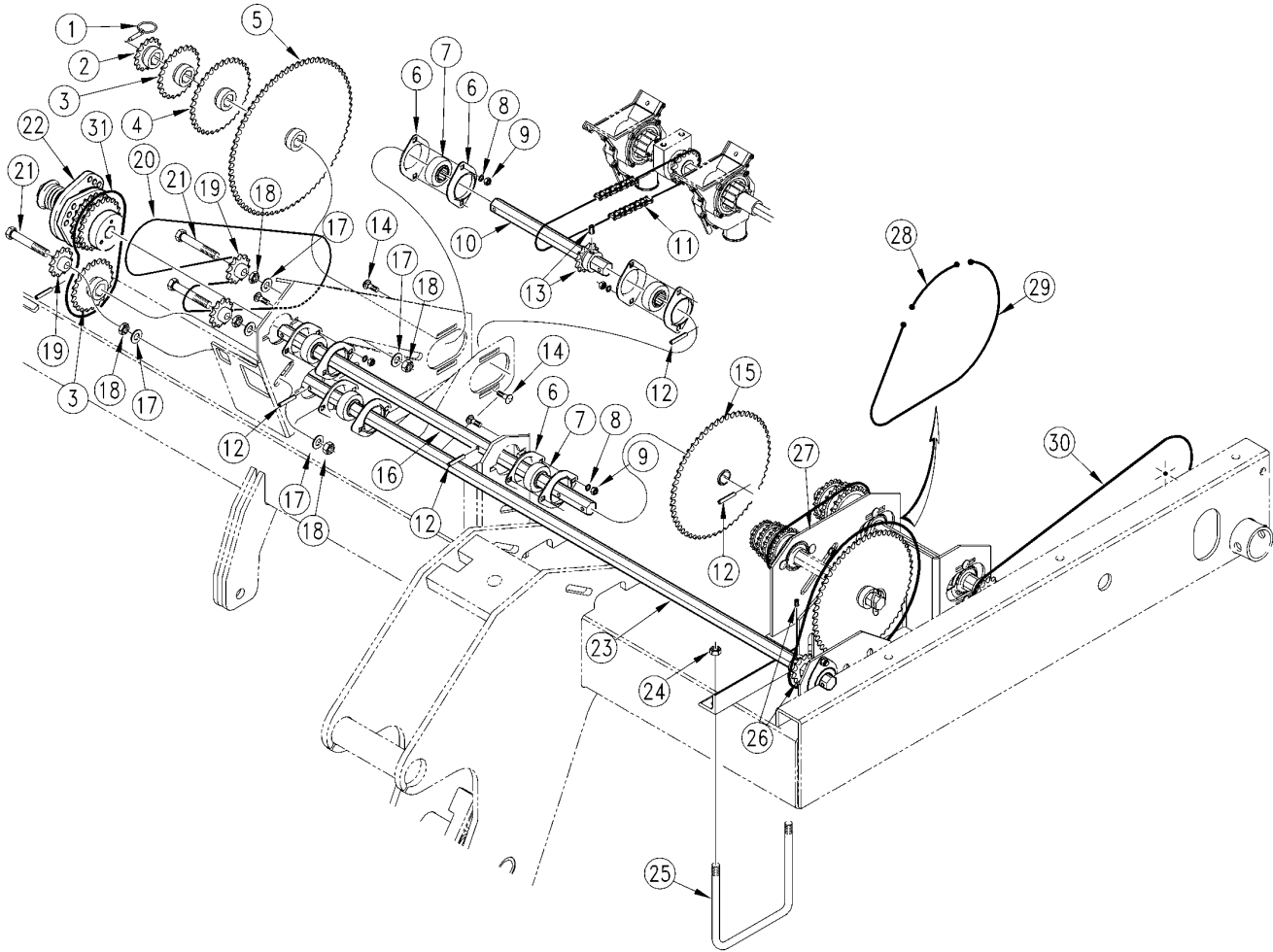
Left Hand Drive (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg21637	Image No.		
1.	805-240C	PIN LYNCH 3/16 X 1 9/16 LONG		
2.	808-259C	SPKT 40B14 X 7/8 HEX BORE		
3.	808-256C	SPKT 40C23 X 7/8 HEX BORE		
4.	808-257C	SPKT 40B34 X 7/8 HEX BORE		
5.	808-258C	SPKT 40B72 X 7/8 HEX BORE		
6.	822-032C	FLANGETTE 52 MST		
7.	822-119C	BRG. 7/8HEX BR 52MM SPHRICAL OD		
8.	804-009C	WASHER LOCK SPRING 5/16 PLT		
9.	803-008C	NUT HEX 5/16-18 PLT		
10.	195-169D	SEED JACK SHAFT 7/8 HEX WING		
11.	136-052D	CHAIN RL #40 69 PITCHES		2nd Revision.
11.	809-149C	CHAIN RL #40 X 68 P		1st Revision.
12.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
13.	802-282C	RHSNB 5/16-18X1 GR5		
14.	195-139H	SPKT 40B57T WITH 7/8 HEX HUB	(S/N S2717-)	
14.	195-320S	SPKT 50C57 RATCHET DRIVE	(S/N S2718+) Includes items: 34-40	
15.	195-189D	POWER SHAFT 7/8 HEX LH	(S/N S2717-)	
15.	195-375D	POWER SHAFT 7/8 HEX LH	(S/N S2718+)	
16.	804-015C	WASHER LOCK SPRING 1/2 PLT		
17.	804-017C	WASHER FLAT 1/2 USS PLT		
18.	803-036C	NUT HEX JAM 1/2-13 PLT		
19.	817-025C	NO. 40 12T IDLER SPKT.		
20.	136-122D	CHAIN RL #40 129 PITCHES		
21.	802-041C	HHCS 1/2-13X3 1/2 GR5		
22.	802-004C	HHCS 1/4-20X3/4 GR5		
23.	804-006C	WASHER LOCK SPRING 1/4 PLT		
24.	808-240C	SPKT 40A23X1.813-1.818 BR/6HOL		
25.	176-042S	JAW CLUTCH CW EXT 7/8 HEX	Refer to Jaw Clutch for breakdown	
26.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
27.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
28.	805-026C	PIN ROLL 1/4 X 3/4 PLT		
29.	802-413C	HHCS 1/2-13X4 1/2 GR5		
30.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
31.	802-092C	RHSNB 5/16-18X3/4 GR5	(S/N S2718+)	
32.	195-376D	7/8 HEX WASHER X .21	(S/N S2718+)	
33.	804-061C	WASHER MACH 1.50 X 1.00 X 18GA	(S/N S2718+)	
34.	402-050D	CLUTCH, SIDE PLATE TAPPED		
35.	808-449C	SPKT 50A57 SPECIAL BORE		
36.	402-376D	POLYURETHANE ROD SPRING 5/16 L		
37.	890-954C	HUB RATCHET SPKT #50		
38.	403-751D	KEY RATCHET CLUTCH #50 SPKT		
39.	402-051D	CLUTCH, SIDE PLATE C/BORED		
40.	802-418C	SHCS 1/4-20X7/8		

Left Hand Drive Fertilizer (S/N S1562-)

(Applies to 3S-3000, 3S-3000F only)



16423

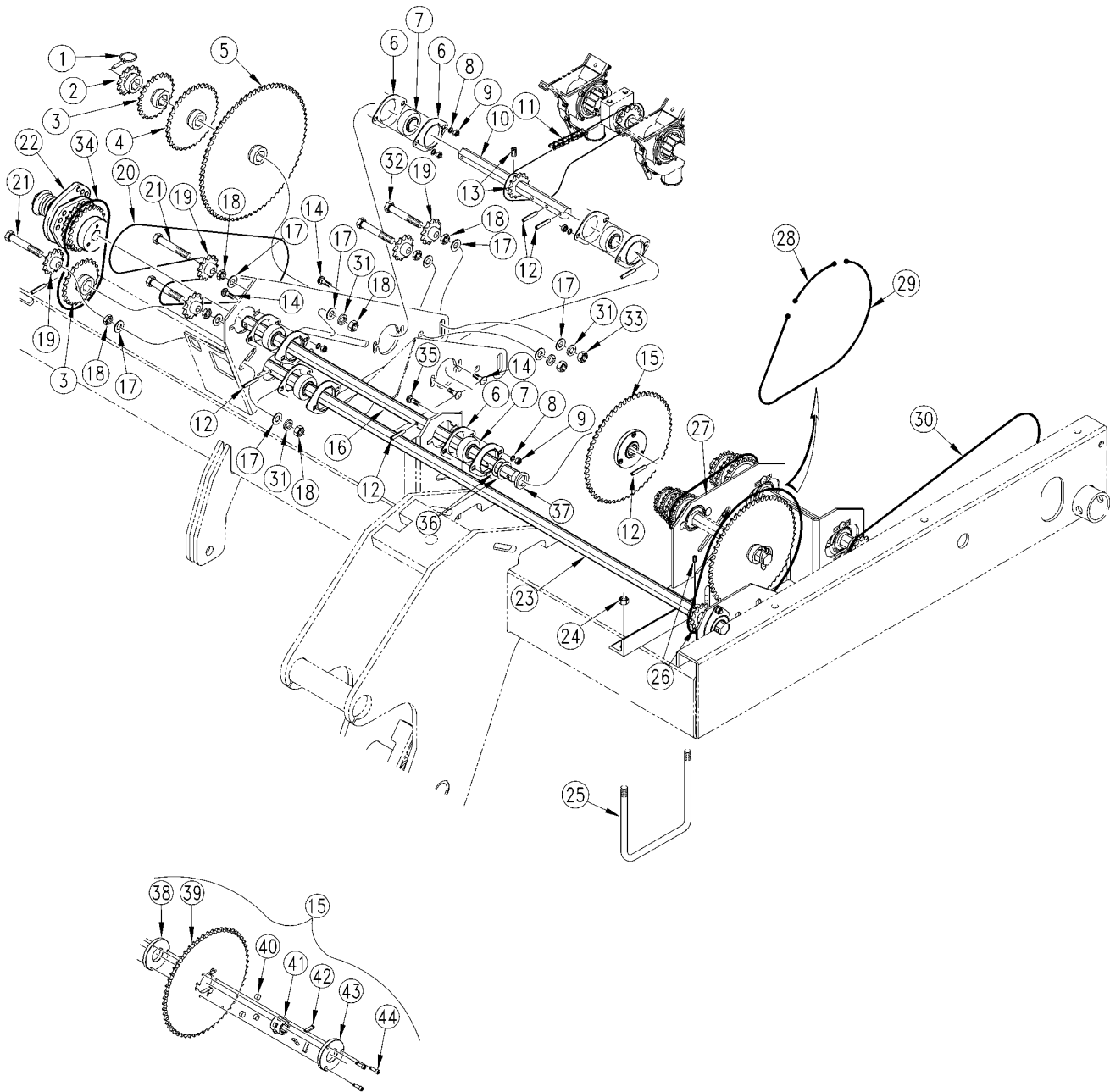
Left Hand Drive Fertilizer (S/N S1562-)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16423	Image No.		
1.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
2.	195-137H	RPBY 808-259C		
3.	195-134H	SPKT 40B23T WITH 7/8 HEX HUB		
4.	195-135H	SPKT 40B34T WITH 7/8 HEX HUB		
5.	195-136H	RPBY 808-258C		
6.	822-032C	FLANGETTE 52 MST		
7.	822-119C	BRG 7/8HEXX2.05OD SPH		
8.	804-009C	WASHER LOCK SPRING 5/16 PLT		
9.	803-008C	NUT HEX 5/16-18 PLT		
10.	195-169D	SEED JACK SHAFT 7/8 HEX WING		
11.	809-149C	CHAIN RL #40 X 68 PITCH W/CON		
12.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
13.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
14.	802-282C	RHSNB 5/16-18X1 GR5		
15.	195-264H	SPKT 50A57 WITH 7/8 HEX HUB	S/N S1399+	
15.	195-139H	SPKT 40B57T WITH 7/8 HEX HUB	S/N S1398-	
16.	195-189D	POWER SHAFT 7/8 HEX LH		
17.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
18.	803-036C	NUT HEX JAM 1/2-13 PLT		
19.	817-025C	NO. 40 12T IDLER SPKT.		
20.	809-164C	RPBY 136-122D		
21.	802-099C	HHCS 1/2-13X3 1/4 GR5		
22.	195-187K	3S-3000F LH WING CLUTCH ASSY	Refer to "Left Hand Wing Clutch Assy (195-187K)" for breakdown.	
23.	195-211D	HEX SHAFT 7/8, AUXILIARY POWER		
24.	803-019C	NUT LOCK 1/2-13 PLT		
25.	806-060C	U-BOLT 1/2-13 X 6 1/32 X 7 1/4		
26.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
27.	195-184S	FERTILIZER DRIVE SUBASSY LH	Refer to "Fertilizer Drive Subassy (195-184S)" for breakdown.	
28.	809-146C	CHAIN RL #40 X 16 PITCH W/CON		
29.	809-160C	CHAIN RL #40 X 43 PITCH W/CON		
30.	809-045C	RPBY 136-044D		
31.	136-064D	CHAIN RL #40 51 PITCHES		

Left Hand Drive Fertilizer (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)



21638

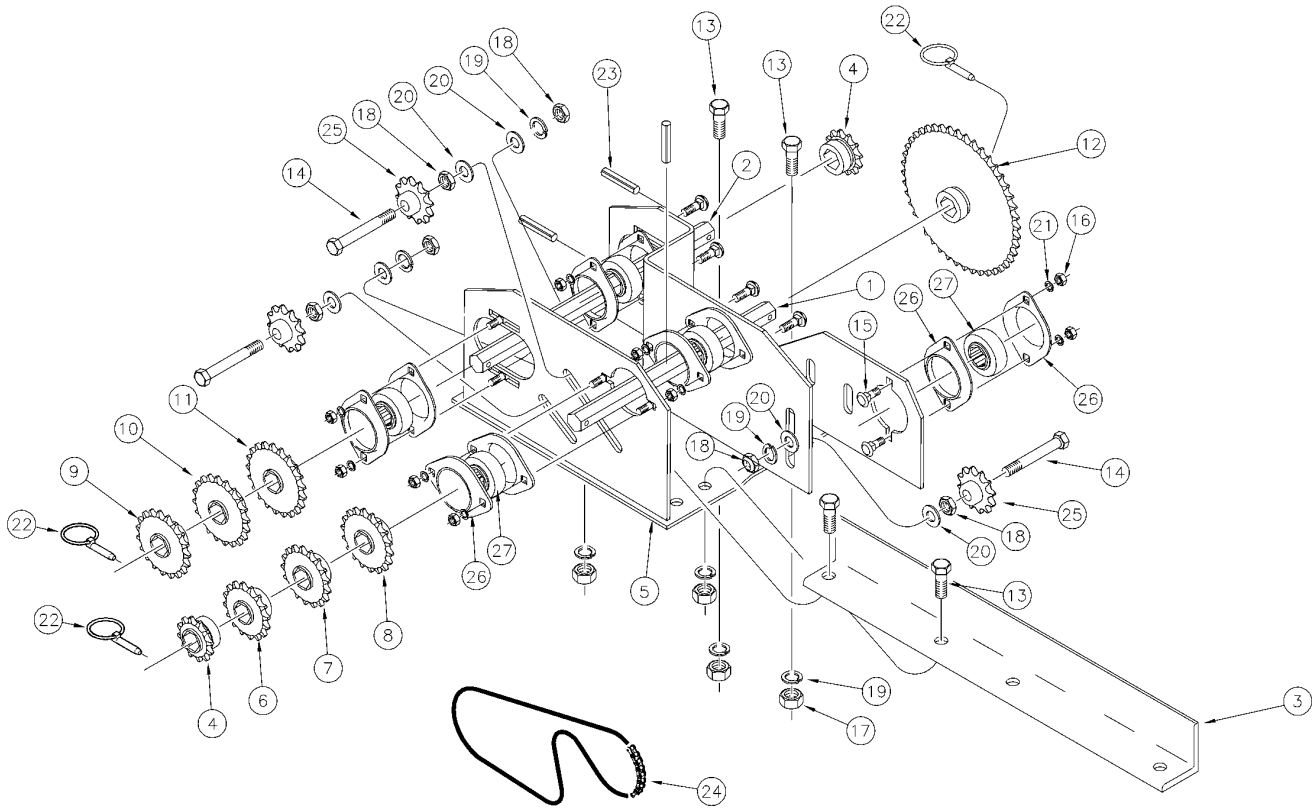
Left Hand Drive Fertilizer (S/N S1563+)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg21638	Image No.		
1.	805-240C	PIN LYNCH 3/16 X 1 9/16 LONG		
2.	808-259C	SPKT 40B14 X 7/8 HEX BORE		
3.	808-256C	SPKT 40C23 X 7/8 HEX BORE		
4.	808-257C	SPKT 40B34 X 7/8 HEX BORE		
5.	808-258C	SPKT 40B72 X 7/8 HEX BORE		
6.	822-032C	FLANGETTE 52 MST		
7.	822-119C	BRG. 7/8HEX BR 52MM SPHRICAL OD		
8.	804-009C	WASHER LOCK SPRING 5/16 PLT		
9.	803-008C	NUT HEX 5/16-18 PLT		
10.	195-169D	SEED JACK SHAFT 7/8 HEX WING		
11.	136-052D	CHAIN RL #40 69 PITCHES		2nd Revision
11.	809-149C	CHAIN RL #40 X 68 P		1st Revision
12.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
13.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
14.	802-282C	RHSNB 5/16-18X1 GR5		
15.	195-264H	SPKT 50A57 WITH 7/8 HEX HUB	(S/N S2717-)	
15.	195-320S	SPKT 50C57 RATCHET DRIVE	(S/N S2718+) Includes items: 38-44	
16.	195-189D	POWER SHAFT 7/8 HEX LH	(S/N S2717-)	
16.	195-375D	POWER SHAFT 7/8 HEX LH	(S/N S2718+)	
17.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
18.	803-036C	NUT HEX JAM 1/2-13 PLT		
19.	817-025C	NO. 40 12T IDLER SPKT.		
20.	136-122D	CHAIN RL #40 129 PITCHES		
21.	802-041C	HHCS 1/2-13X3 1/2 GR5		
22.	195-187K	3S-3000F LH WING CLUTCH ASSY	Refer to Left Hand Wing Clutch Assembly (195-187K) for breakdown	
23.	195-211D	HEX SHAFT 7/8, AUXILIARY POWER		
24.	803-019C	NUT LOCK 1/2-13 PLT		
25.	806-060C	U-BOLT 1/2-13 X 6 1/32 X 7 1/4		
26.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
27.	195-184S	FERTILIZER DRIVE SUBASSY LH	Refer to Fertilizer Drive Subassembly (195-184S) for breakdown	
28.	809-146C	CHAIN RL #40 X 16 PITCHES	(S/N S1401-) Used with 136-118D	
29.	136-151D	CHAIN RL #40 59 PITCHES		3rd Revision
29.	136-118D	CHAIN RL #40 43 PITCHES		2nd Revision
30.	136-207D	CHAIN RL #40 109 PITCHES W/CON		3rd Revision
30.	136-044D	CHAIN RL #40 109 PITCHES		2nd Revisions
31.	804-015C	WASHER LOCK SPRING 1/2 PLT		
32.	802-413C	HHCS 1/2-13X4 1/2 GR5		
33.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
34.	136-064D	CHAIN RL #40 51 PITCHES		
35.	802-092C	RHSNB 5/16-18X3/4 GR5	(S/N S2718+)	
36.	804-061C	WASHER MACH 1.50 X 1.00 X 18GA	(S/N S2718+)	
37.	195-376D	7/8 HEX WASHER X .21	(S/N S2718+)	
38.	402-050D	CLUTCH, SIDE PLATE TAPPED		
39.	808-449C	SPKT 50A57 SPECIAL BORE		
40.	402-376D	POLYURETHANE ROD SPRING 5/16 L		
41.	890-954C	HUB RATCHET SPKT #50		
42.	403-751D	KEY RATCHET CLUTCH #50 SPKT		
43.	402-051D	CLUTCH, SIDE PLATE C/BORED		
44.	802-418C	SHCS 1/4-20X7/8		

Fertilizer Drive Subassy (195-184S)

(Applies to 3S-3000, 3S-3000F only)



16476

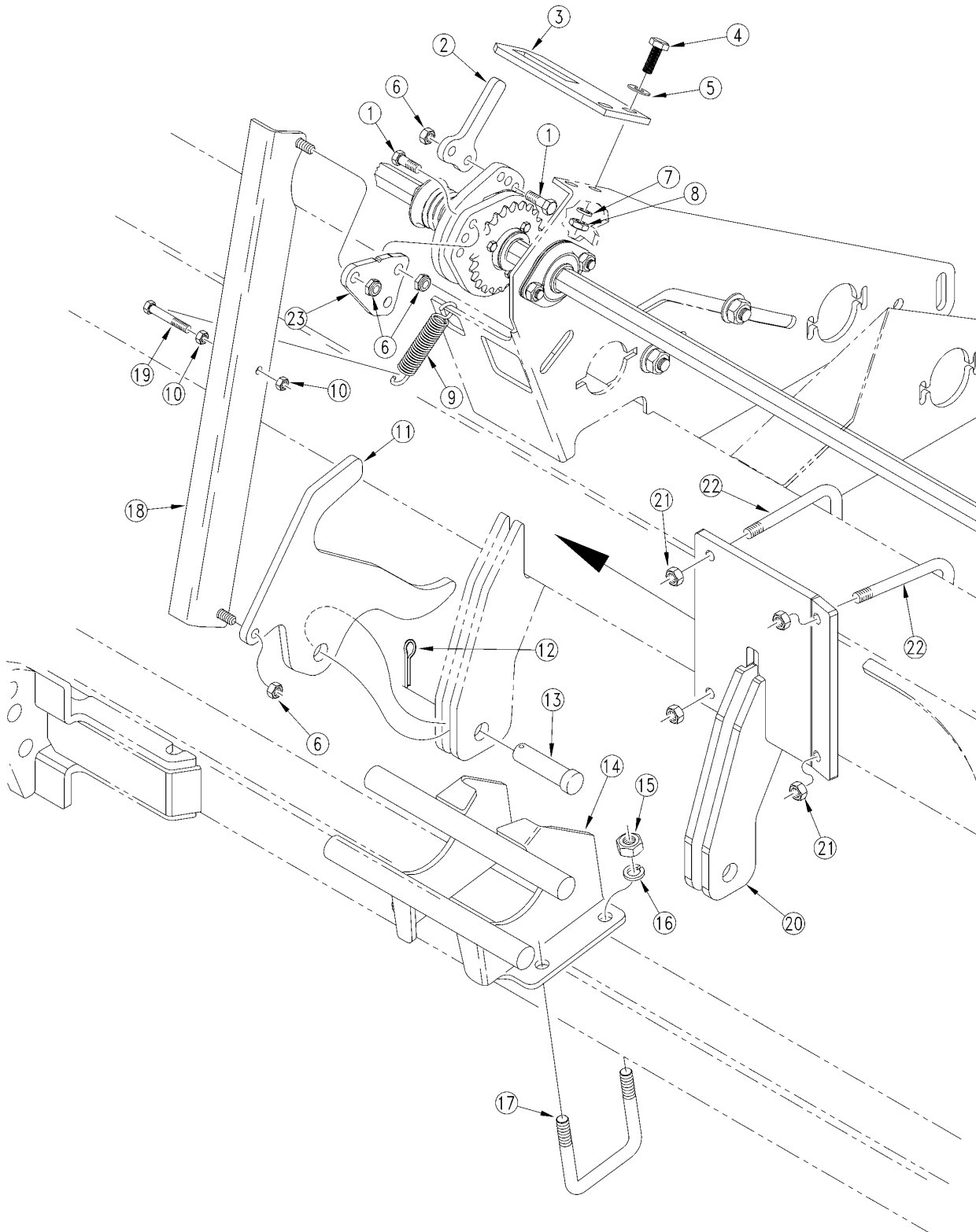
Fertilizer Drive Subassy (195-184S)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16476	Image No.		
1.	195-209D	HEX SHAFT 7/8,FERT JACKSHAFT 1		
2.	195-210D	HEX SHAFT 7/8,FERT JACKSHAFT 2		
3.	195-212D	ANGLE, FERTILIZER DRIVE MOUNT		
4.	808-260C	SPKT 40B12 X 7/8 HEX BORE		
4.	195-138H	RPBY 808-260C		
5.	195-145H	FERTILIZER DRIVE WELDMENT LH		
6.	195-153H	SPKT 40B16T X 7/8 HEX BORE		
7.	195-154H	SPKT 40B17T X 7/8 HEX BORE		
8.	195-155H	SPKT 40B18T X 7/8 HEX BORE		
9.	195-156H	SPKT 40B19T X 7/8 HEX BORE		
10.	195-157H	SPKT 40B20T X 7/8 HEX BORE		
11.	195-158H	SPKT 40B21T X 7/8 HEX BORE		
12.	195-159H	SPKT 40B44T X 7/8 HEX BORE		
13.	802-034C	HHCS 1/2-13X1 1/4 GR5		
14.	802-099C	HHCS 1/2-13X3 1/4 GR5		
15.	802-282C	RHSNB 5/16-18X1 GR5		
16.	803-008C	NUT HEX 5/16-18 PLT		
17.	803-020C	NUT HEX 1/2-13 PLT		
18.	803-036C	NUT HEX JAM 1/2-13 PLT		
19.	804-015C	WASHER LOCK SPRING 1/2 PLT		
20.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
21.	804-009C	WASHER LOCK SPRING 5/16 PLT		
22.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
23.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
24.	136-027D	CHAIN RL #40 57 PITCHES		
24.	136-127D	RPBY 136-027D		
24.	809-171C	RPBY 136-127D		
25.	817-025C	NO. 40 12T IDLER SPKT.		
26.	822-032C	FLANGETTE 52 MST		
27.	822-119C	BRG 7/8HEXX2.05OD SPH		

Clutch Linkage

(Applies to 3S-3000, 3S-3000F only)



15463

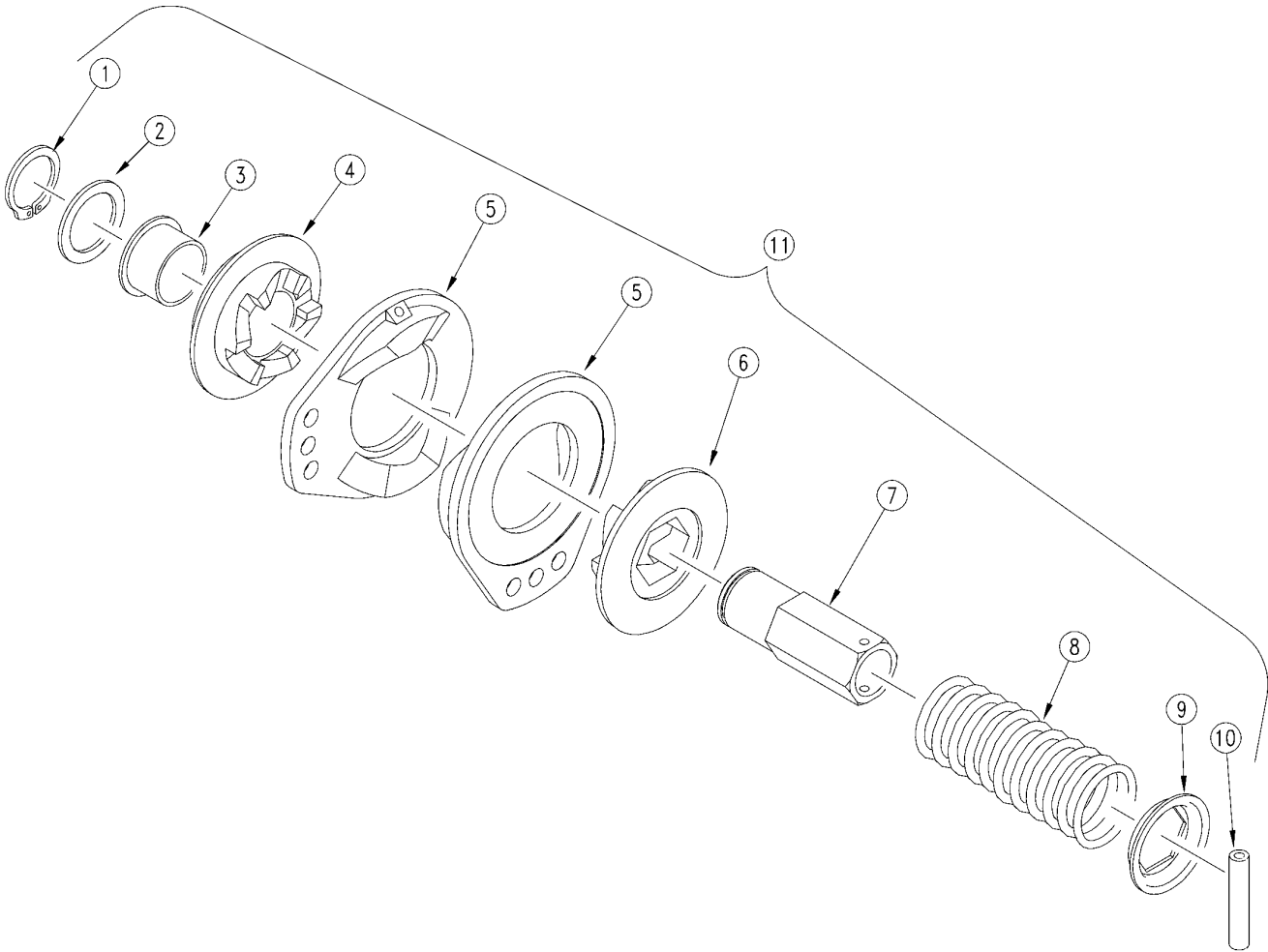
Clutch Linkage

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15463	Image No.		
1.	802-017C	HHCS 3/8-16X1 GR5		
2.	152-262D	CLUTCH ENGAGE ARM		
3.	152-263D	CLUTCH ENGAGE TAB		
4.	802-079C	HHCS 3/8-16X1 1/4 GR5		
5.	804-011C	WASHER FLAT 3/8 USS PLT		
6.	803-215C	NUT NYLOCK JAM THIN 3/8-16 PLT		
7.	804-013C	WASHER LOCK SPRING 3/8 PLT		
8.	803-014C	NUT HEX 3/8-16 PLT		
9.	807-072C	SPRING EXT 1 1/16 ODX.120WX5.5		
10.	803-008C	NUT HEX 5/16-18 PLT		
11.	195-144D	CLUTCH SHUTOFF CAM, 00 SERIES		
12.	805-109C	PIN COTTER 1/8 X 1 1/4 PLT		
13.	805-083C	PIN CLEVIS 3/4 X 1 1/2		
14.	195-131H	SUBFRM CLUTCH BRKT,SOLID STAND		
15.	803-020C	NUT HEX 1/2-13 PLT		
16.	804-015C	WASHER LOCK SPRING 1/2 PLT		
17.	806-109C	RPBY 806-066C		
18.	195-130H	CLUTCH SHUTOFF LINK, 00 SERIES		
19.	802-012C	HHCS 5/16-18X1 1/2 GR5		
20.	195-190H	CLUTCH SHUTOFF CAM PIVOT BRKT	Used only with Point Row on center section.	
21.	803-013C	NUT LOCK 3/8-16 PLT	Used only with Point Row on center section.	
22.	806-051C	U-BOLT 3/8-16 X 6 1/32 X 7	Used only with Point Row on center section.	
23.	195-254D	CLUTCH PULL TAB		

Jaw Clutch S/N 51021-

(Applies to 3S-3000, 3S-3000F only)



10249

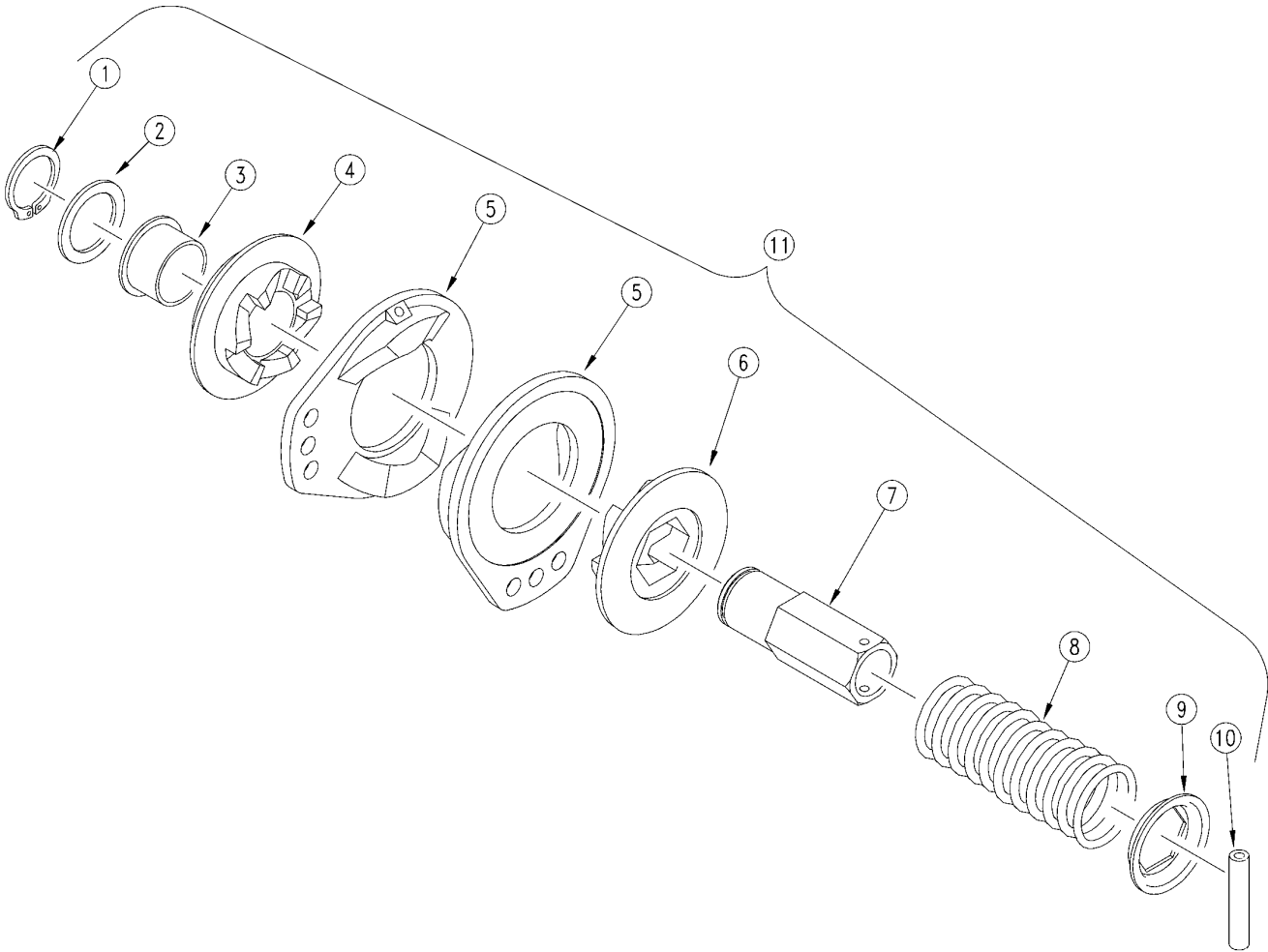
Jaw Clutch S/N 51021-

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg10249	Image No.		
1.	800-177C	SNAP RING EXT 1 1/4 HEAVY		
2.	176-065D	CLUTCH FRICTION WASHER		
3.	817-111C	BSHG FLG 1.26IDX1.41ODX.87L		
4.	176-081D	CLUTCH DRIVE PLATE - CW	Must order #5, #6, & #7 also 1st time	
5.	176-080D	CLUTCJ ARM PLATE	Must order #4, #6, & #7 also 1st time	
6.	176-076D	CLUTCH SLIDE PLATE - CW	Must order #4, #5, & #7 also 1st time	
7.	176-084D	CLUTCH HUB 7/8 HEX BORE	Must order #4, #5, & #6 also 1st time	
8.	807-097C	SPRING COMP 2 1/16 OD X 4 LG		
9.	176-066D	CLUTCH SPRING RETAINER		
10.	805-024C	PIN ROLL 3/16X 1 1/2 PLT		
11.	176-044S	JAW CLUTCH CW 7/8 HEX SHORT	Includes items 1 through 10	

Jaw Clutch S/N 51022+ (Includes Fertilizer Drills)

(Applies to 3S-3000, 3S-3000F only)



10249

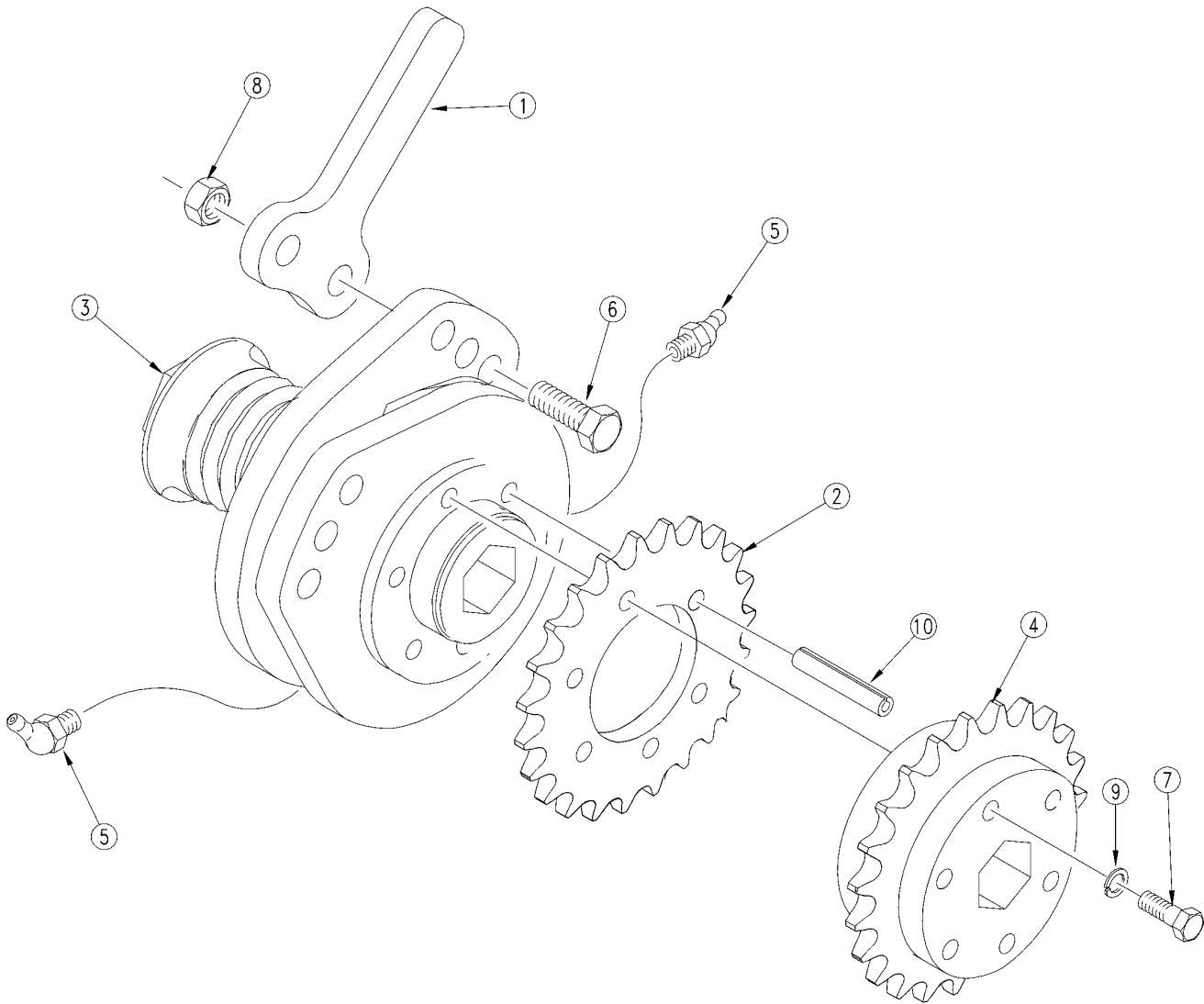
Jaw Clutch S/N 51022+ (Includes Fertilizer Drills)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg10249	Image No.		
1.	800-177C	SNAP RING EXT 1 1/4 HEAVY		
2.	176-065D	CLUTCH FRICTION WASHER		
3.	817-111C	BSHG FLG 1.26IDX1.41ODX.87L		
4.	176-078D	CLUTCH DRIVE PLATE LONG - CW		
5.	176-080D	CLUTCJ ARM PLATE		
6.	176-076D	CLUTCH SLIDE PLATE - CW		
7.	176-084D	CLUTCH HUB 7/8 HEX BORE		
8.	807-097C	SPRING COMP 2 1/16 OD X 4 LG		
9.	176-066D	CLUTCH SPRING RETAINER		
10.	805-024C	PIN ROLL 3/16X 1 1/2 PLT		
11.	176-042S	JAW CLUTCH CW EXT 7/8 HEX	Includes items 1 through 10	

Right Hand Wing Clutch Fertilizer (195-186K)

(Applies to 3S-3000, 3S-3000F only)



16452

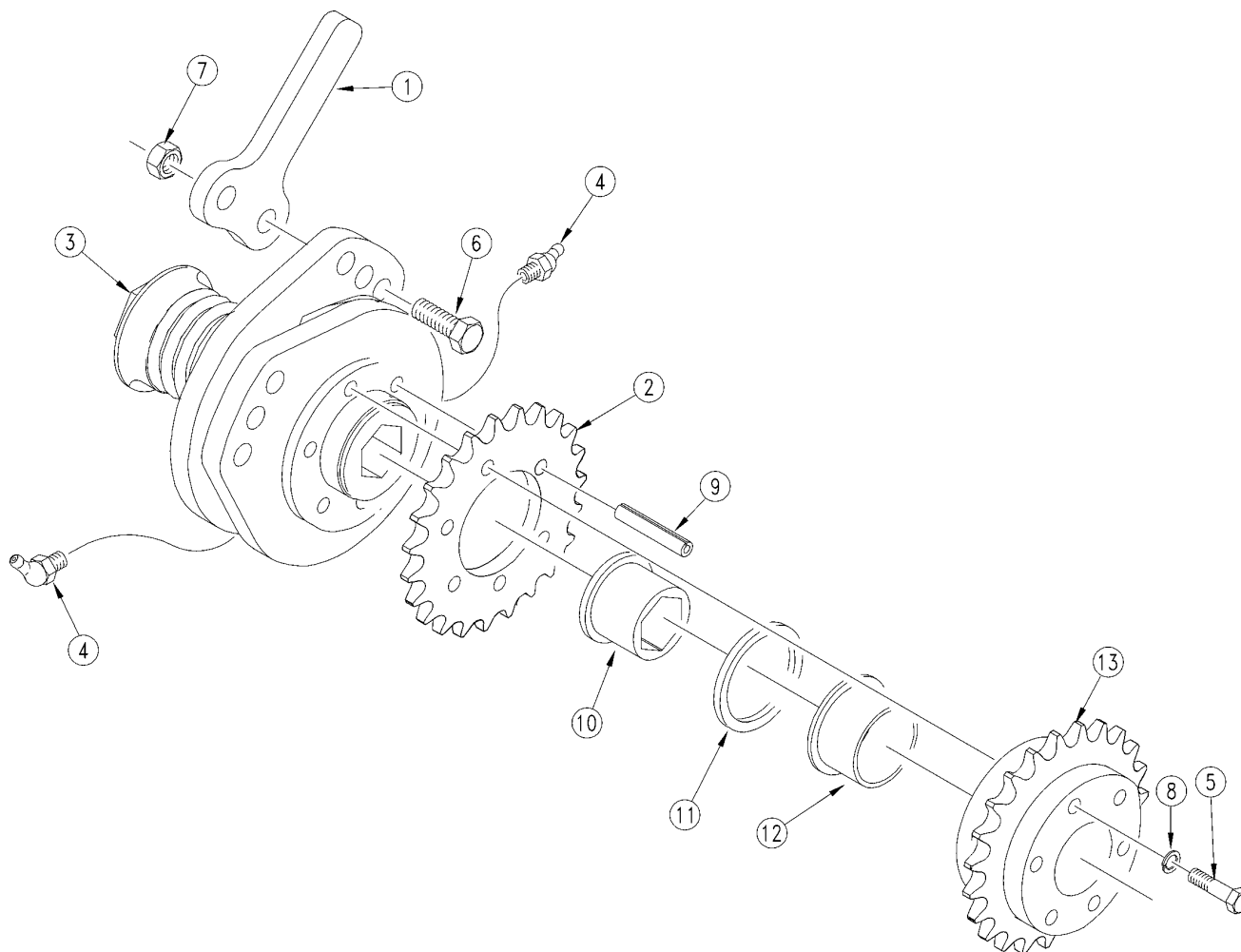
Right Hand Wing Clutch Fertilizer (195-186K)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16452	Image No.		
1.	152-262D	CLUTCH ENGAGE ARM		
2.	808-240C	SPKT 40A23X1.813-1.818 BR/6HOL		
3.	176-042S	JAW CLUTCH CW EXT 7/8 HEX		
4.	195-161H	SPKT CLUTCH 40B23T HEX BORE		
5.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
6.	802-017C	HHCS 3/8-16X1 GR5		
7.	802-551C	HHCS 1/4-20X2 1/4 GR5		
8.	803-215C	NUT NYLOCK JAM THIN 3/8-16 PLT		
9.	804-006C	WASHER LOCK SPRING 1/4 PLT		
10.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		

Left Hand Wing Clutch Fertilizer (195-187K)

(Applies to 3S-3000, 3S-3000F only)



16465

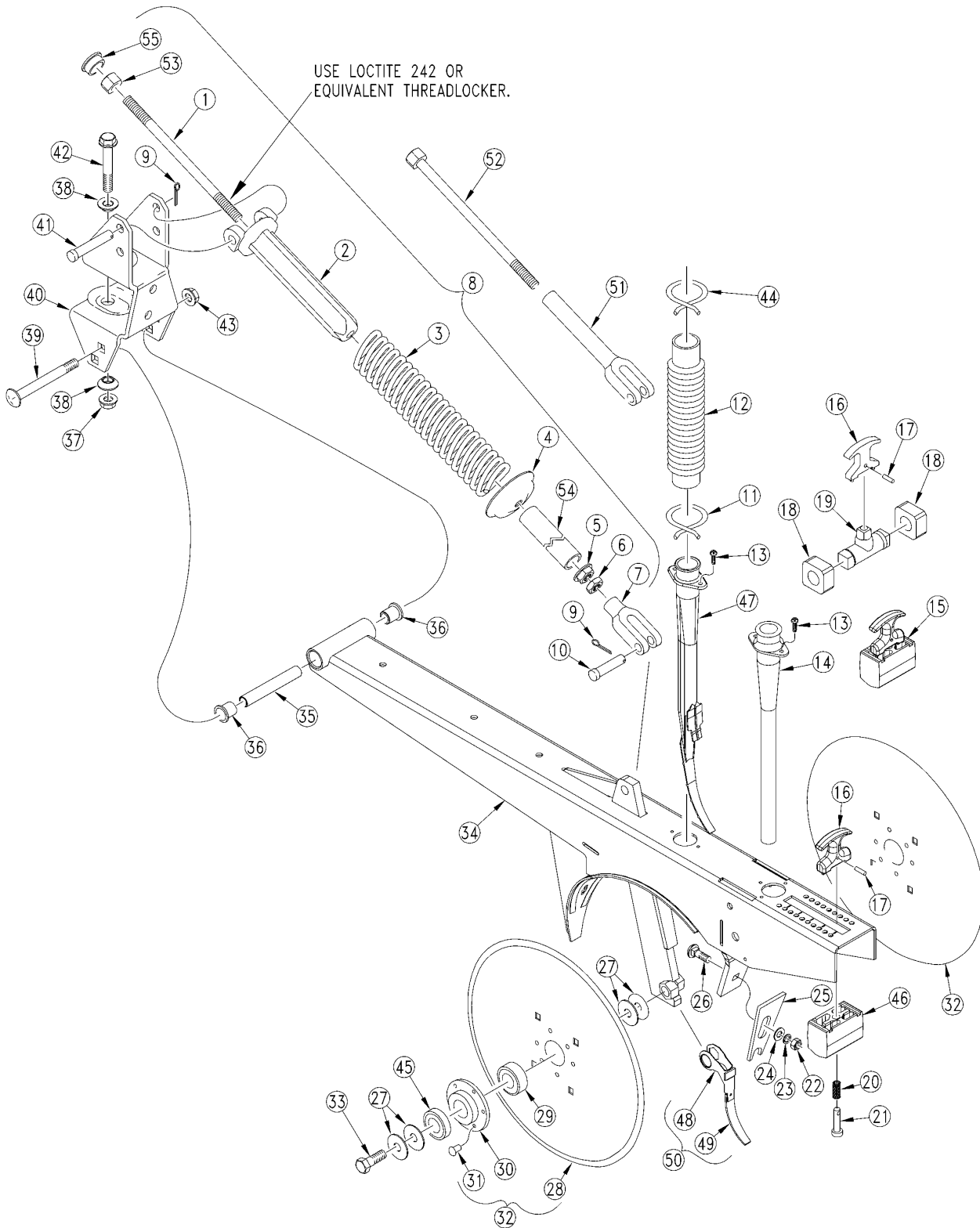
Left Hand Wing Clutch Fertilizer (195-187K)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16465	Image No.		
1.	152-262D	CLUTCH ENGAGE ARM		
2.	808-240C	SPKT 40A23X1.813-1.818 BR/6HOL		
3.	176-042S	JAW CLUTCH CW EXT 7/8 HEX		
4.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
5.	802-152C	HHCS 1/4-20X2 GR5		
6.	802-017C	HHCS 3/8-16X1 GR5		
7.	803-215C	NUT NYLOCK JAM THIN 3/8-16 PLT		
8.	804-006C	WASHER LOCK SPRING 1/4 PLT		
9.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
10.	195-222D	BEARING 7/8 HEX ID X 1.254 OD		
11.	176-065C	CLUTCH FRICTION WASHER		
12.	817-111C	BSHG FLG 1.261DX1.41ODX.87L		
13.	195-160H	SPKT CLUTCH 40B23T RND BORE		

00 Series Long Arm Opener

(Applies to 3S-3000, 3S-3000F only)



15464

00 Series Long Arm Opener

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15464	Image No.		
1.	800-322C	STUD 1/2-13X17.6 SPTHDBBLEND		
2.	121-167D	RPBY 812-236C		
3.	807-159C	SPRING COMP 2 1/2ODX3/8X12 7/8		
4.	121-154D	SPRING STOP STAMPING		
5.	803-193C	NUT HEX FLANGE 1/2-13 GR G PLT		
6.	803-036C	NUT HEX JAM 1/2-13 PLT		
7.	121-152D	RPBY 221-100K		
8.	121-762S	OPENER SPRING ROD ASSY. LONG	Includes items 1 through 7	
9.	805-109C	PIN COTTER 1/8 X 1 1/4 PLT		
10.	805-127C	PIN CLEVIS 1/2 X 1 3/4		
11.	800-008C	CLAMP HOSE 1 1/2 NO. 24		
12.	816-239C	SEED HOSE 56 RIBS X 11 LONG		
13.	801-002C	SCREW HEX SLT10-16X1/2P.THD CT		
14.	817-133C	PLASTIC OPENER SEED TUBE	Model year 1998-	
15.	122-202S	PW ADJUSTMENT TRUNNION ASSY	Includes items 16, 17, 20, 21 and 45.	
16.	817-328C	T-HANDLE ASSEMBLY		2nd rev.
16.	198-104D	RPBY 817-328C		1st rev.
17.	805-186C	PIN ROLL 5/32 X 5/8 PLT		
18.	817-132C	PRESS WHEEL ARM BUMPER	(S/N S1335-); Use only with item 19	
19.	812-194C	RPBY 817-347C	(S/N S1335-); See item 46.	1st rev.
20.	807-106C	SPRING .540 O.D.X 1 1/4 X.054W		
21.	805-154C	PIN CLEVIS 3/8 X 2 1/8 USABLE		
22.	803-014C	NUT HEX 3/8-16 PLT		
23.	804-013C	WASHER LOCK SPRING 3/8 PLT		
24.	804-012C	WASHER FLAT 3/8 SAE PLT		
25.	107-113D	D.D. SLOTTED SCRAPER		
26.	802-015C	RHSNB 3/8-16X1 GR5		
27.	804-040C	WASHER MACH 1.19 X .63 X 18GA		
28.	820-155C	RPBY 820-187C		
29.	188-001V	BEARING AA205DD		
30.	890-466C	HSG RIBB FLG 6BOLT PLT		
31.	800-213C	RIVET,BUTTON HEAD 1/4 X 1/2		
32.	107-133S	RPBY 107-135S	Includes items 28 through 31	
33.	802-228C	HHCS 5/8-11X1 1/2 GR5 NYL		
34.	121-702H	OPENER WELDMENT - LONG	For drills manufactured after 5/1/2000, also order item 15.	
35.	142-198D	STRAIGHT ARM OPENER PIVOT PIPE		
36.	817-084C	PARALLEL ARM PIVOT BUSHING		
37.	803-037C	NUT HEX WHIZ 1/2-13 PLT		
38.	804-154C	WASHER POWDER METAL CONE 1/2		
39.	802-121C	RHSNB 1/2-13X5 1/2 GR5		
40.	121-151D	OPENER MOUNTING BRACKET		
41.	805-234C	PIN CLEVIS 1/2 X 4 PLATED		
42.	802-045C	HHCS 1/2-13X5 GR5		
43.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
44.	800-009C	CLAMP HOSE 1 5/8 NO. 26		
45.	107-111D	DD BRG FLANGE DUST COVER		
46.	817-347C	OPENER TRUNION	(S/N S1336+); Replaces items 18 and 2nd rev. 19.	
47.	817-314C	OPENER SEED TUBE, PLASTIC	Model year 1999+	
48.	121-164D	HEX SEED FLAP MOUNTING CLIP	Model year 1999+	
49.	816-302C	SEED FLAP, RUBBER, SEED-LOK	Model year 1999+	
50.	122-242S	SEED FLAP & HEX CLIP, SEEDLOK	Model year 1999+	
51.	121-152D	RPBY 221-100K	Order kit 221-100K	
52.	802-550C	HHCS 1/2-13X10 SPTHDB GR8	Order kit 221-100K	
53.	803-310C	NUT HEX 1/2-20 X 5/8 HIGH		
54.	121-169D	SPACER TB ALUM 1ODX 1/2 X 7.28		

00 Series Long Arm Opener (continued)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
55.	816-306C	PLUG, SPRING ROD CASTING		

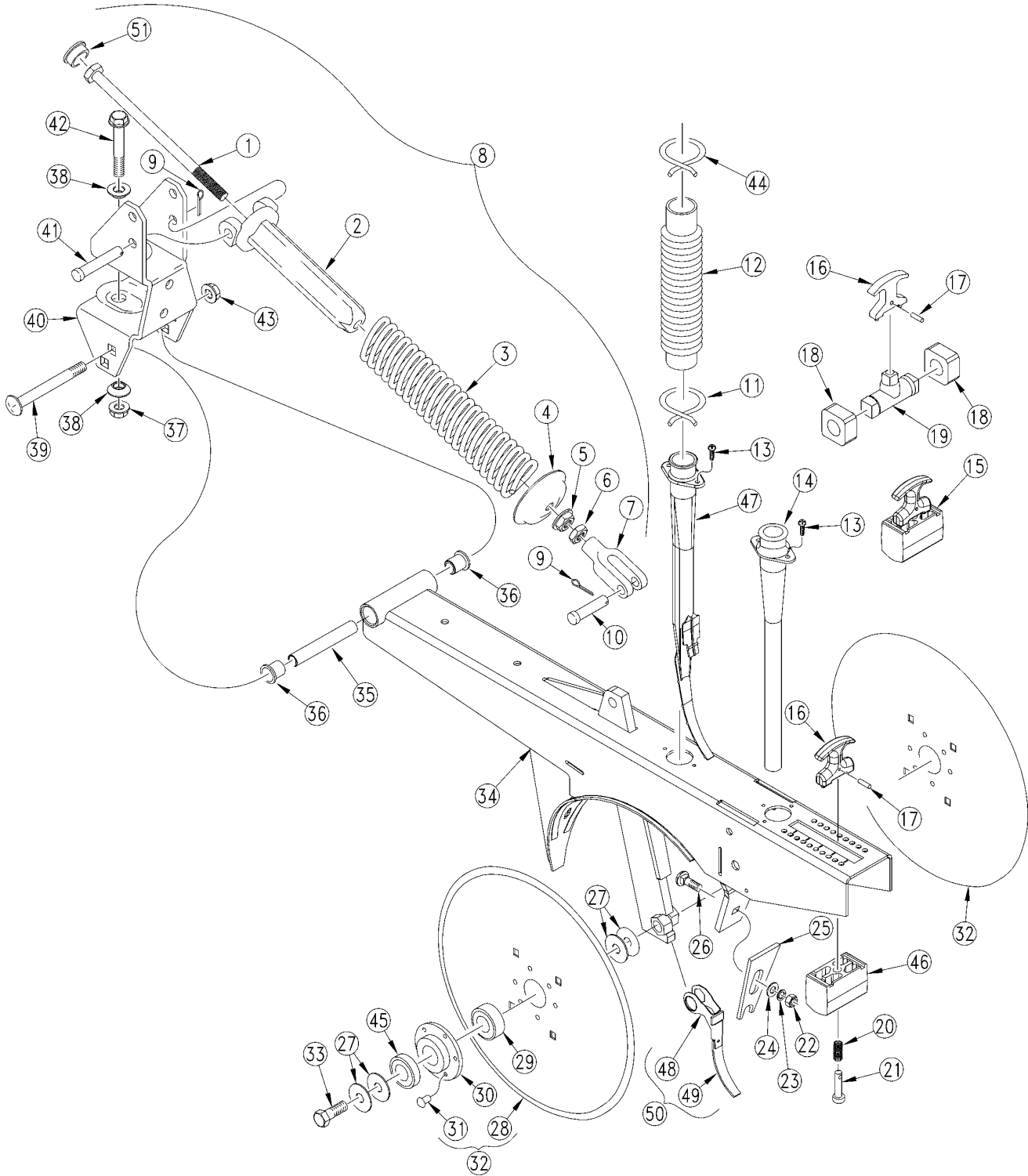
00 Series Long Arm Opener (continued)

(Applies to 3S-3000, 3S-3000F only)

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00 Series Short Arm Opener

(Applies to 3S-3000, 3S-3000F only)



15465

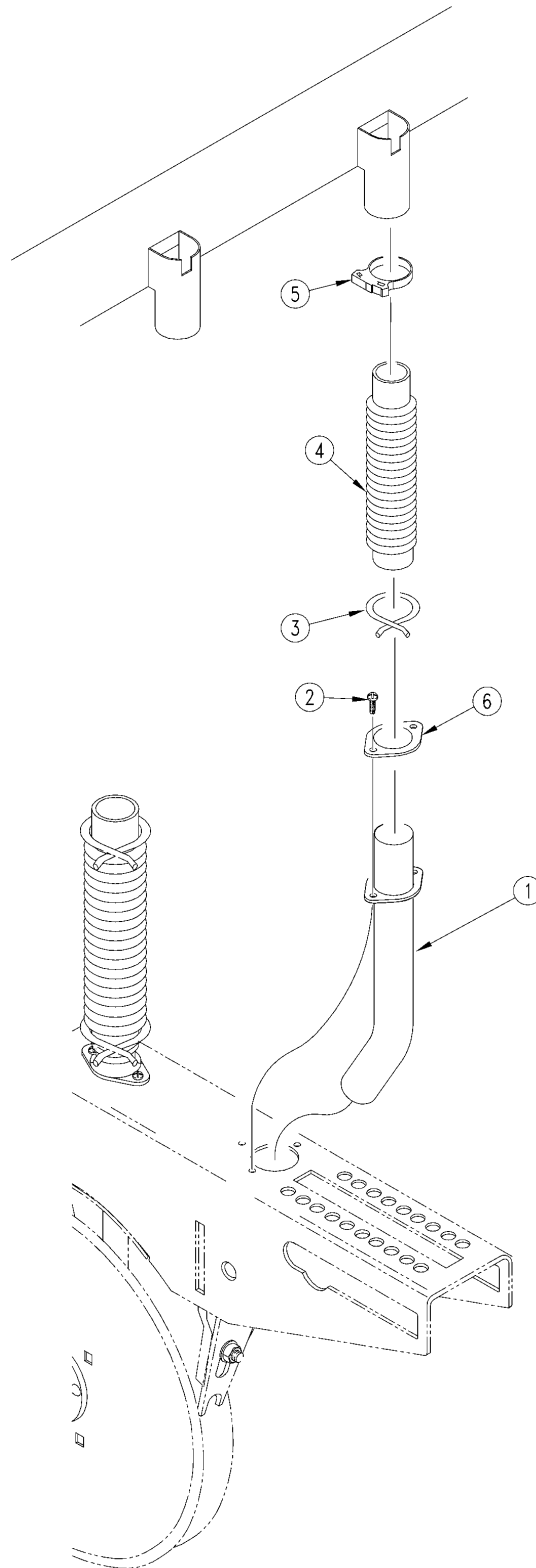
00 Series Short Arm Opener

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15465	Image No.		
1.	802-550C	HHCS 1/2-13X10 SPTHG GR8		
2.	812-236C	OPNR SPRING RD TRUNION CASTING		
3.	807-159C	SPRING COMP 2 1/2ODX3/8X12 7/8		
4.	121-154D	SPRING STOP STAMPING		
5.	803-193C	NUT HEX FLANGE 1/2-13 GR G PLT		
6.	803-036C	NUT HEX JAM 1/2-13 PLT		
7.	812-245C	ADJUSTABLE YOKE END		
8.	121-763S	OPENER SPRING ROD ASSY. SHRT.	Includes items 1 through 7	
9.	805-109C	PIN COTTER 1/8 X 1 1/4 PLT		
10.	805-127C	PIN CLEVIS 1/2 X 1 3/4		
11.	800-008C	CLAMP HOSE 1 1/2 NO. 24		
12.	816-239C	SEED HOSE 56 RIBS X 11 LONG		
13.	801-002C	SCREW HEX SLT10-16X1/2P.THD CT		
14.	817-133C	PLASTIC OPENER SEED TUBE	Model year 1998-	
15.	122-202S	PW ADJUSTMENT TRUNNION ASSY	Includes items 16, 17, 20, 21 and 45.	
16.	817-328D	T-HANDLE ASSEMBLY		2nd rev.
16.	198-104D	RPBY 817-328C		Use existing stock; 1st rev.
17.	805-186C	PIN ROLL 5/32 X 5/8 PLT		
18.	817-132C	PRESS WHEEL ARM BUMPER	(S/N S1335-); Use only with item 19.	
19.	812-194C	RPBY 817-347C	(S/N S1335-)	Use existing stock; 1st rev.
20.	807-106C	SPRING .540 O.D.X 1 1/4 X.054W		
21.	805-154C	PIN CLEVIS 3/8 X 2 1/8 USABLE		
22.	803-014C	NUT HEX 3/8-16 PLT		
23.	804-013C	WASHER LOCK SPRING 3/8 PLT		
24.	804-012C	WASHER FLAT 3/8 SAE PLT		
25.	107-113D	D.D. SLOTTED SCRAPER		
26.	802-015C	RHSNB 3/8-16X1 GR5		
27.	804-040C	WASHER MACH 1.19 X .63 X 18GA		
28.	820-155C	RPBY 820-187C		
29.	188-001V	BEARING AA205DD		
30.	890-466C	HSG RIBB FLG 6BOLT PLT		
31.	800-213C	RIVET,BUTTON HEAD 1/4 X 1/2		
32.	107-133S	RPBY 107-135S	Includes items 28 through 31	
33.	802-228C	HHCS 5/8-11X1 1/2 GR5 NYL		
34.	121-703H	OPENER WELDMENT - SHORT	For drills manufactured after 5/1/2000, also order item 15.	
35.	142-198D	STRAIGHT ARM OPENER PIVOT PIPE		
36.	817-084C	PARALLEL ARM PIVOT BUSHING		
37.	803-037C	NUT HEX WHIZ 1/2-13 PLT		
38.	804-154C	WASHER POWDER METAL CONE 1/2		
39.	802-121C	RHSNB 1/2-13X5 1/2 GR5		
40.	121-151D	OPENER MOUNTING BRACKET		
41.	805-234C	PIN CLEVIS 1/2 X 4 PLATED		
42.	802-045C	HHCS 1/2-13X5 GR5		
43.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
44.	800-009C	CLAMP HOSE 1 5/8 NO. 26		
45.	107-111D	DD BRG FLANGE DUST COVER		
46.	817-347C	OPENER TRUNION	(S/N S1336+); Replaces items 18 and 2nd rev. 19.	
47.	817-314C	OPENER SEED TUBE, PLASTIC	Model year 1999+	
48.	121-164D	HEX SEED FLAP MOUNTING CLIP	Model year 1999+	
49.	816-302C	SEED FLAP, RUBBER, SEED-LOK	Model year 1999+	
50.	122-242S	SEED FLAP & HEX CLIP, SEEDLOK	Model year 1999+	
51.	816-306C	PLUG, SPRING ROD CASTING		

Fertilizer Hose

(Applies to 3S-3000, 3S-3000F only)



16459

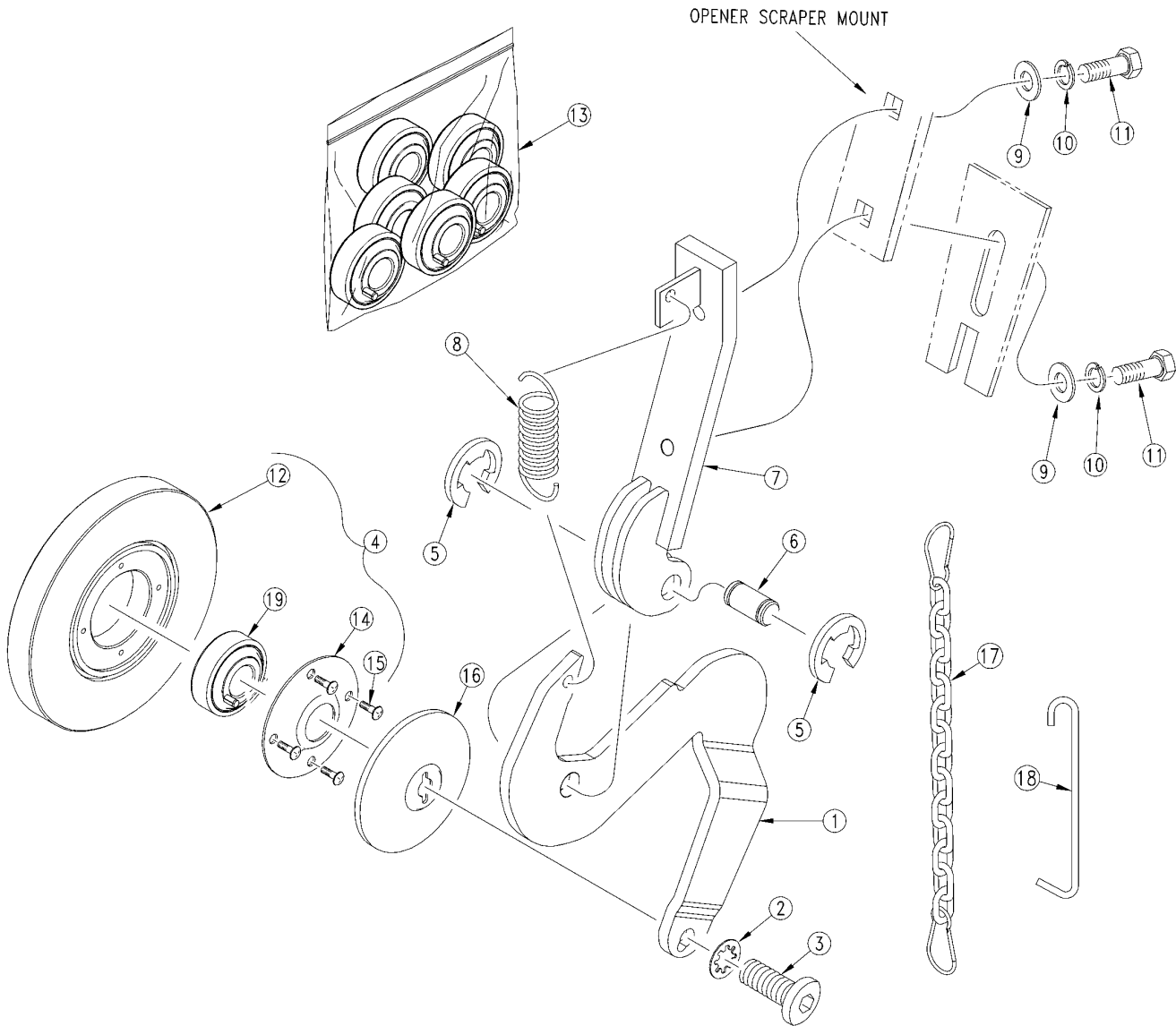
Fertilizer Hose

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16459	Image No.		
1.	817-346C	PLASTIC FERTILIZER TUBE		2nd rev.
1.	142-701H	RPBY 817-346C		Use existing stock; 1st rev.
2.	801-002C	SCREW HEX SLT10-16X1/2P.THD CT		
3.	800-008C	CLAMP HOSE 1 1/2 NO. 24		
4.	816-007C	SEED HOSE X 59 RIBS 1.5-1.25		
5.	800-016C	UPPER FERT HOSE CLAMP		
6.	133-065D	SML SDS TB REINFORCEMENT RING		

5" & 6" Seed-Lok (Option) (122-193K & 122-266K)

(Applies to 3S-3000, 3S-3000F only)



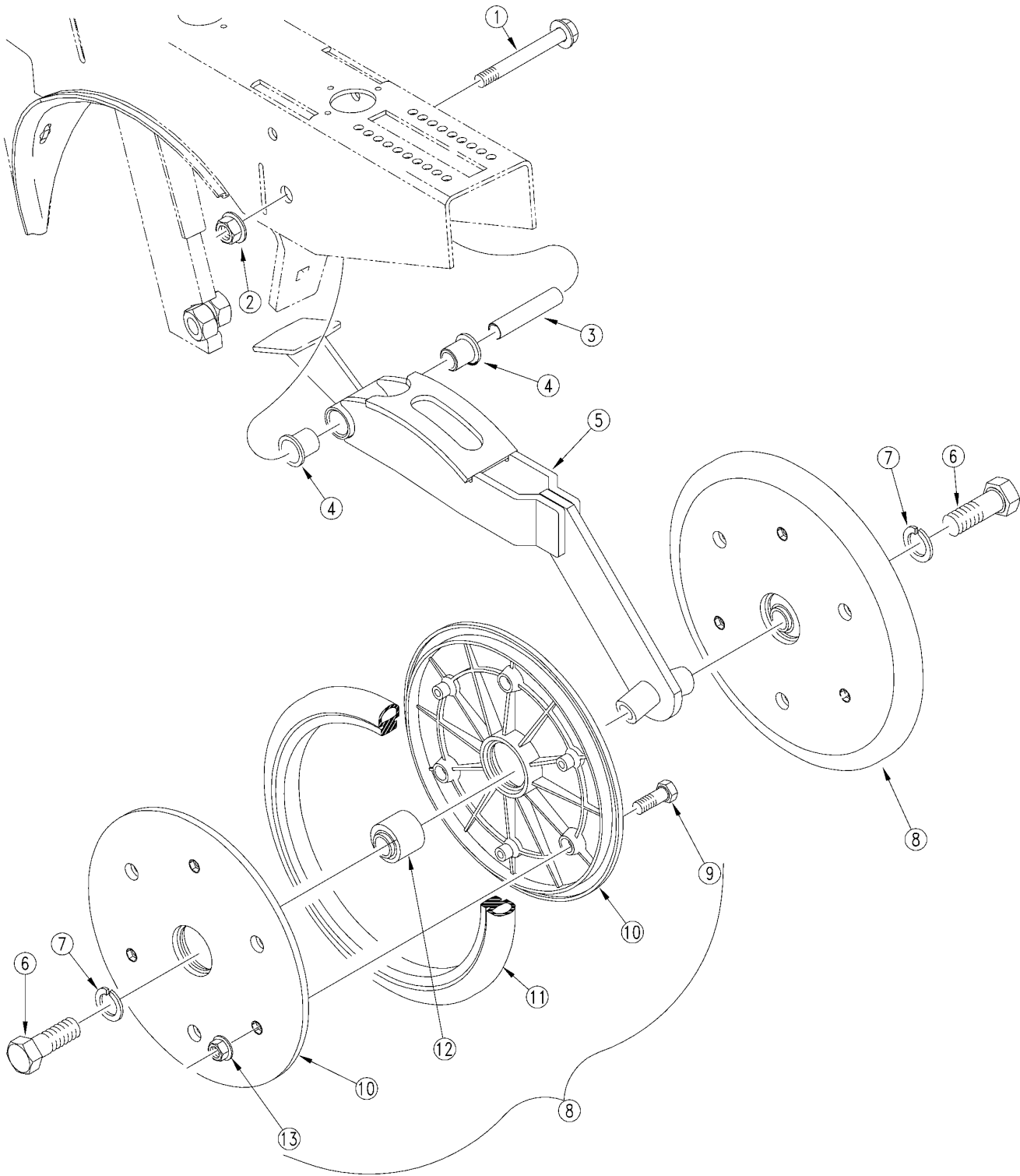
5" & 6" Seed-Lok (Option) (122-193K & 122-266K)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16362	Image No.		
1.	122-151D	SEED-LOK ARM (1994)		
2.	804-078C	WASHER INTERNAL STAR 3/8 PLT.		
3.	801-141C	LHS CP 3/8-16X3/4 GR8 PLATED		
4.	122-201S	SD-LK 203 BEARING WHEEL ASSY	5" Seed-Lok	
4.	206-014S	6 SEED LOK ASSEMBLY	6" Seed-Lok	
5.	800-093C	RING SNAP EXTERNAL "E" 1/2		
6.	122-120D	5 SEED-LOK WHL ARM PIVOT PIN		
7.	122-173H	SS RMVBL SD-LOK MNT WLDMT		
8.	807-101C	SPRING, 1 O.D.X.125WIREX 3 1/2		
9.	804-012C	WASHER FLAT 3/8 SAE PLT		
10.	804-013C	WASHER LOCK SPRING 3/8 PLT		
11.	802-017C	HHCS 3/8-16X1 GR5		
12.	817-134C	5/8 X 5 SEED FIRMING WHEEL	5" Seed-Lok	
12.	817-191C	5/8 X 6 SEED LOK WHEEL	6" Seed-Lok	
13.	122-231A	RPBY 188-008V	Contains 6 bearings	
14.	816-173C	RETAINER W/BONDED SEAL 4BLT		
15.	801-084C	SCR PH THD FMG #10X1/2 TP ZP		
16.	206-021D	SEED LOK WHEEL CAP (LONG)	Drills before Sept. 30, 1997	
17.	800-280C	WIRE HANGER - SEED-LOK ARM	Drill after Oct. 1, 1997. Can also be used on drills made before Sept. 30, 1997.	
18.	800-310C	SEED LOK HANGER SPRING		
19.	188-008V	BEARING 203 SEED-LOK WITH PIN		

1" x 12" Double "V" Press Wheel

(Applies to 3S-3000, 3S-3000F only)



15466

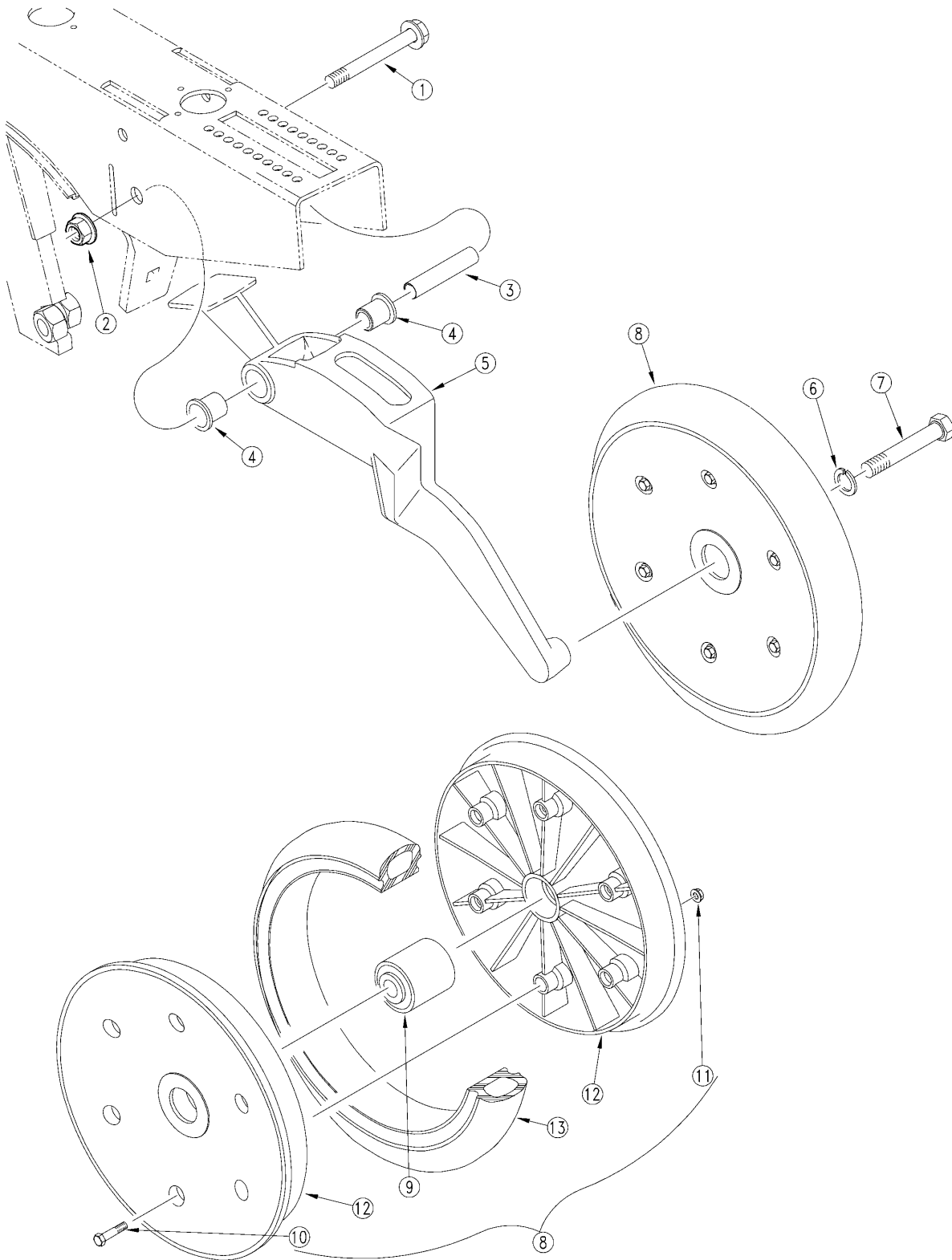
1" x 12" Double "V" Press Wheel

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15466	Image No.		
1.	802-421C	HFS 1/2-13X3 3/4 GR5 SPTH		
2.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
3.	198-137D	PRESS WHEEL PIVOT TUBE		
4.	817-084C	PARALLEL ARM PIVOT BUSHING		
5.	199-022H	98 1X12 PRESS WHEEL WELDMENT		
6.	802-051C	HHCS 5/8-11X1 1/2 GR5		
7.	804-022C	WASHER LOCK SPRING 5/8 PLT		
8.	814-174C	1 X 12 PRESS WHL ASSY-5203BRG	Includes items 9 through 13	
9.	802-005C	HHCS 1/4-20X1 GR5		
10.	817-330C	1 X 12 PRESS WHEEL RIM HALF		
11.	814-034C	TIRE RUBBER 1 X 12		
12.	822-170C	BRG .63ID PRESS WHL ASY		
13.	803-088C	NUT HEX LOCK 1/4-20 FLG		

2" x 13" Single Press Wheel

(Applies to 3S-3000, 3S-3000F only)



15467

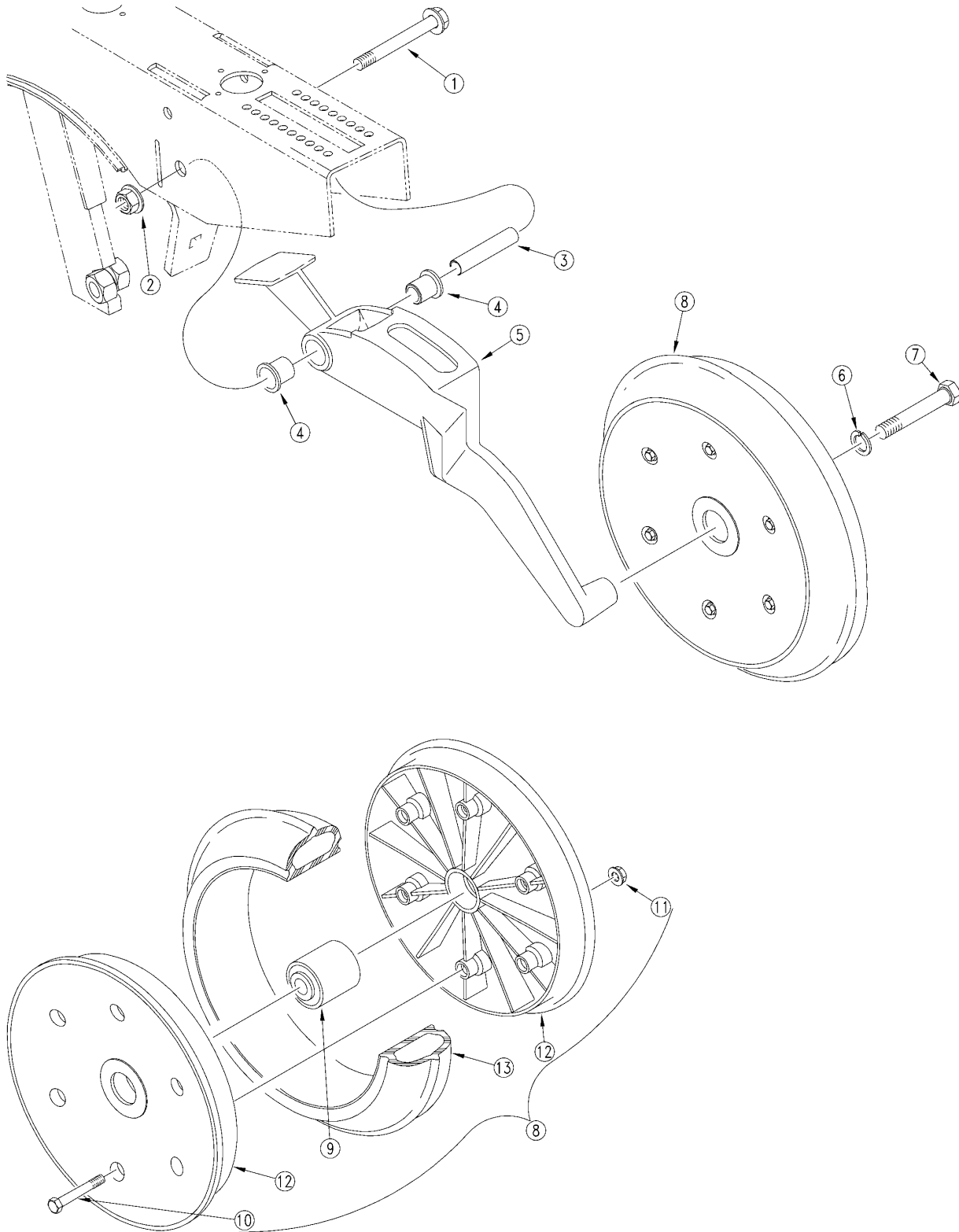
2" x 13" Single Press Wheel

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15467	Image No.		
1.	802-421C	HFS 1/2-13X3 3/4 GR5 SPTHD		
2.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
3.	198-137D	PRESS WHEEL PIVOT TUBE		
4.	817-084C	PARALLEL ARM PIVOT BUSHING		
5.	199-042D	UNIVERSAL PW ARM MACH 2&3X13		2nd rev.
5.	199-028D	RPBY 199-042D		1st rev.
6.	804-022C	WASHER LOCK SPRING 5/8 PLT		
7.	802-058C	HHCS 5/8-11X2 1/2 GR5		
8.	814-157C	2 X 13 PRESS WHEEL ASSEMBLY	Includes items 9 through 13	
9.	822-170C	BRG .63ID PRESS WHL ASY		
10.	802-617C	HHFS 1/4-20 X 1 1/2 GR 5		
11.	803-088C	NUT HEX LOCK 1/4-20 FLG		
12.	817-296C	2 X 13 PRESS WHEEL RIM HALF		
13.	814-159C	2 X 13 PRESS WHEEL TIRE		

3" x 13" Single Press Wheel

(Applies to 3S-3000, 3S-3000F only)



15468

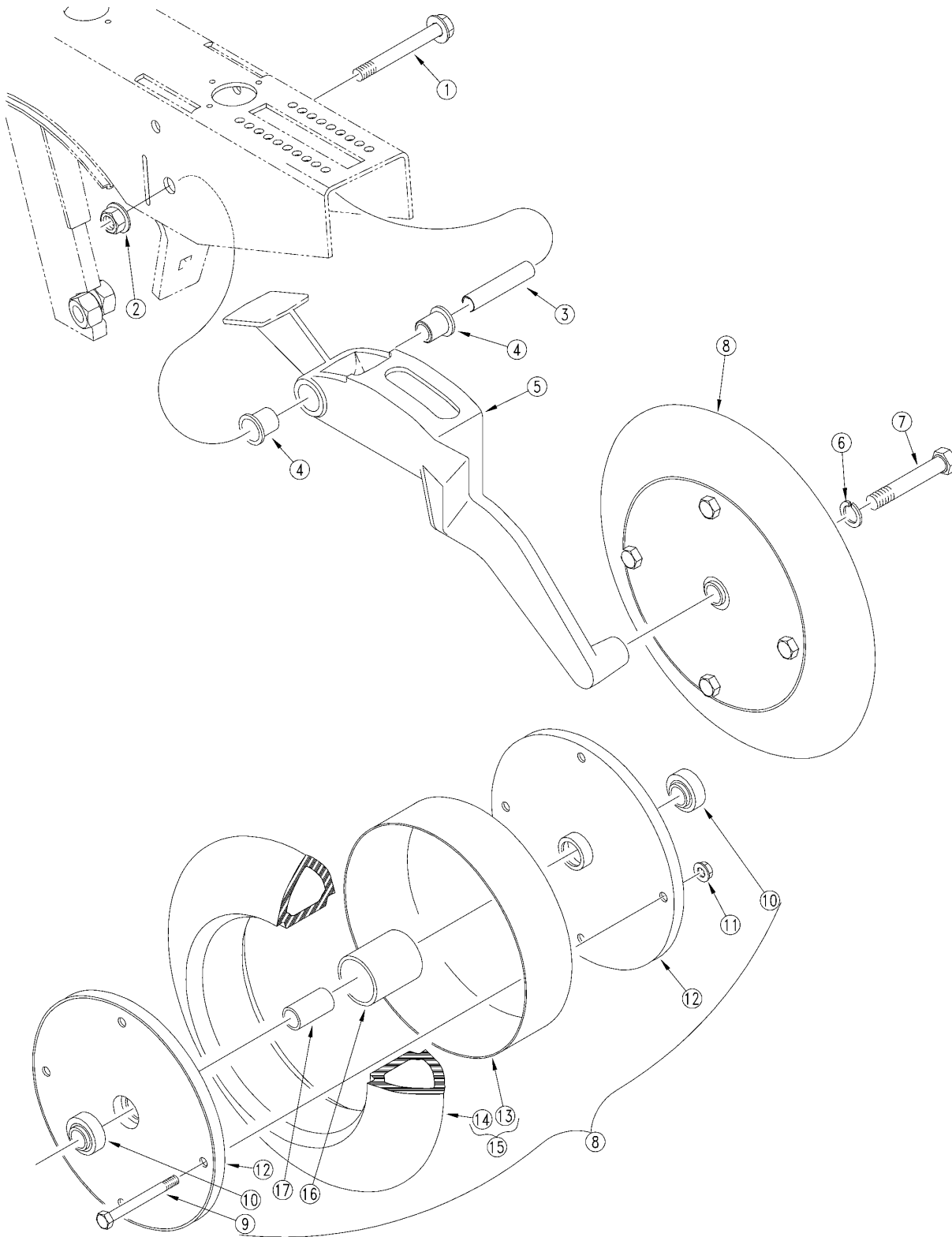
3" x 13" Single Press Wheel

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15468	Image No.		
1.	802-421C	HFS 1/2-13X3 3/4 GR5 SPTHD		
2.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
3.	198-137D	PRESS WHEEL PIVOT TUBE		
4.	817-084C	PARALLEL ARM PIVOT BUSHING		
5.	199-042D	UNIVERSAL PW ARM MACH 2&3X13		2nd rev.
5.	199-029D	RPBY 199-042D		1st rev.
6.	804-022C	WASHER LOCK SPRING 5/8 PLT		
7.	802-058C	HHCS 5/8-11X2 1/2 GR5		
8.	814-158C	3 X 13 PRESS WHEEL ASSEMBLY	Includes items 9 through 13	
9.	822-170C	BRG .63ID PRESS WHL ASY		
10.	802-618C	HHFS 1/4-20 X 2 GR 5		
11.	803-088C	NUT HEX LOCK 1/4-20 FLG		
12.	817-297C	3 X 13 PRESS WHEEL RIM HALF		
13.	814-160C	3 X 13 PRESS WHEEL TIRE		

3" x 14" Peaked Single Press Wheel

(Applies to 3S-3000, 3S-3000F only)



15469

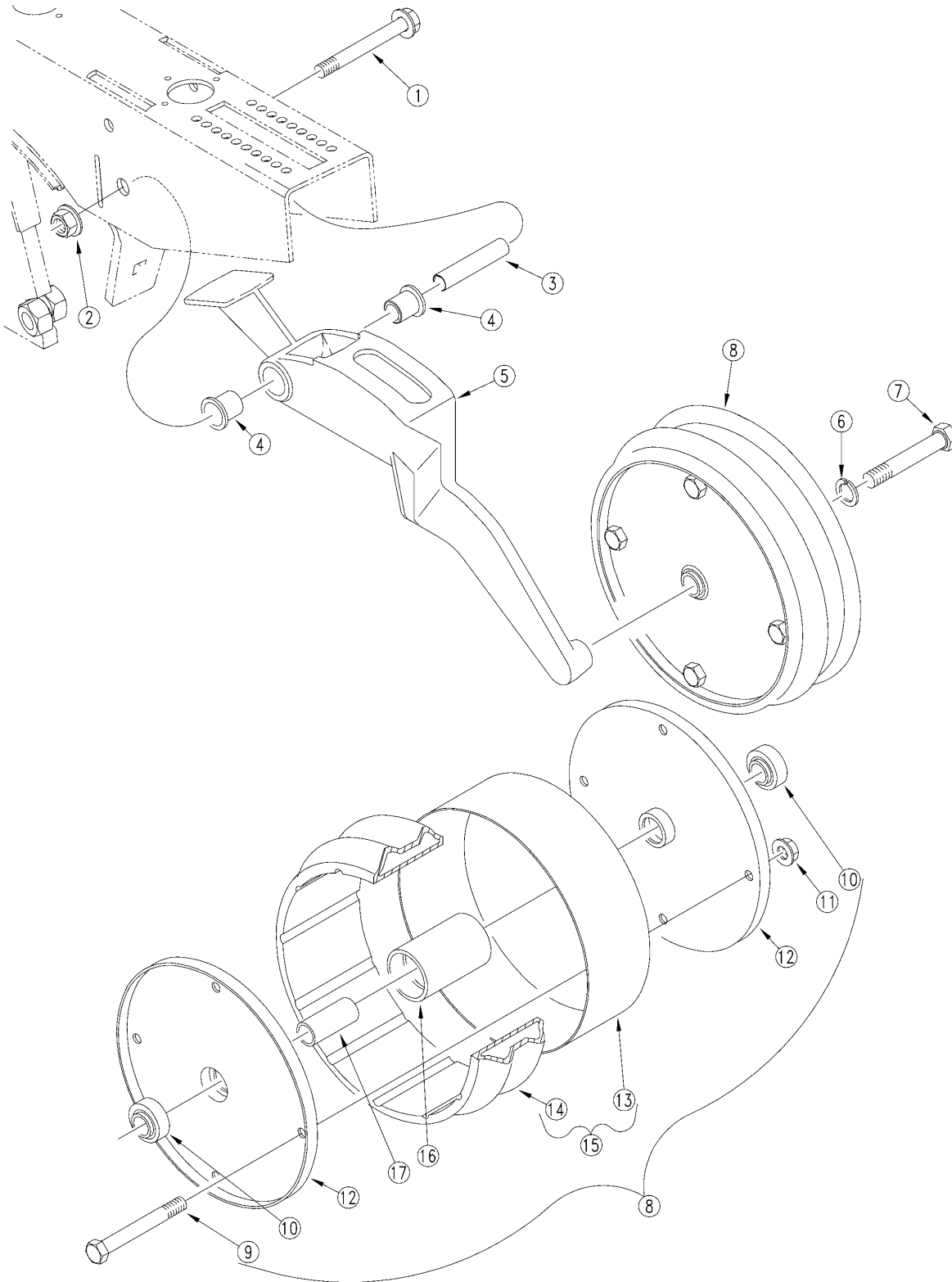
3" x 14" Peaked Single Press Wheel

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15469	Image No.		
1.	802-421C	HFS 1/2-13X3 3/4 GR5 SPTHD		
2.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
3.	198-137D	PRESS WHEEL PIVOT TUBE		
4.	817-084C	PARALLEL ARM PIVOT BUSHING		
5.	199-030D	3 X 14 PRESS WHEEL ARM		
6.	804-022C	WASHER LOCK SPRING 5/8 PLT		
7.	802-059C	HHCS 5/8-11X3 GR5		
8.	122-117S	3 X 14 PEAKED P.W. ASSEMBLY	Includes items 9 through 17	
9.	802-197C	HHCS 5/16-18X2 3/4 GR5		
10.	822-095C	BRG INS .63IDX1.57OD DBL LIP		
11.	803-177C	803-184 FLG TP LK 5/16-18ZNYCR		
12.	122-041D	4X12 PW RIM HALF		
13.	817-063C	3 X 14 RIM SPACER RING		
14.	814-067C	3 X 14 PEAKED PRESS WHEEL TIRE		
15.	122-198V	3 X 14 TIRE & RING ASSEMBLY	Includes items 13 and 14	
16.	817-062C	LARGE SPACER TUBE		
17.	122-110D	SMALL SPACER TUBE		

4" x 12" Double Ribbed Single Press Wheel

(Applies to 3S-3000, 3S-3000F only)



15470

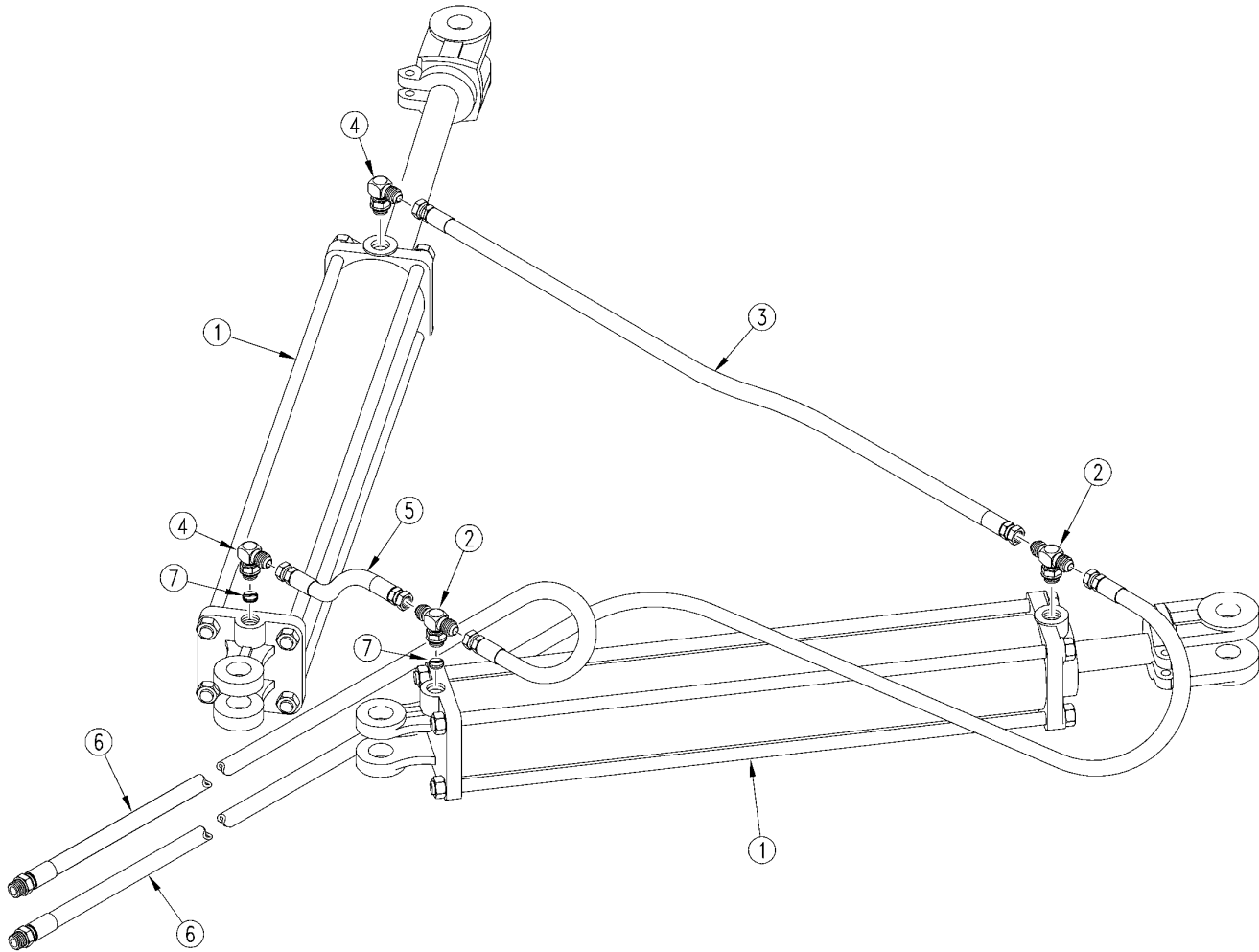
4" x 12" Double Ribbed Single Press Wheel

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15470	Image No.		
1.	802-421C	HFS 1/2-13X3 3/4 GR5 SPTH		
2.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
3.	198-137D	PRESS WHEEL PIVOT TUBE		
4.	817-084C	PARALLEL ARM PIVOT BUSHING		
5.	199-031D	4 X 12 PRESS WHEEL ARM		
6.	804-022C	WASHER LOCK SPRING 5/8 PLT		
7.	802-151C	HHCS 5/8-11X4 1/4 GR5		
8.	122-103S	4X12 V-GROOVE PRESS WHL ASSY	Includes items 9 through 17	
9.	802-119C	HHCS 5/16-18X3 3/4 GR5		
10.	822-095C	BRG INS .63IDX1.57OD DBL LIP		
11.	803-177C	803-184 FLG TP LK 5/16-18ZNYCR		
12.	122-041D	4X12 PW RIM HALF		
13.	817-023C	4 X 12 RIM SPACER RING		
14.	814-010C	TIRE PW 4 X 12		
15.	122-197V	4X12 V-GROOVE TIRE & RING ASSY	Includes items 13 and 14	
16.	817-022C	4 X 12 LARGE SPREADER TUBE		
17.	122-094D	4X12 SMALL SPREADER TUBE-SHORT		

Fold Hydraulics

(Applies to 3S-3000, 3S-3000F only)



15473

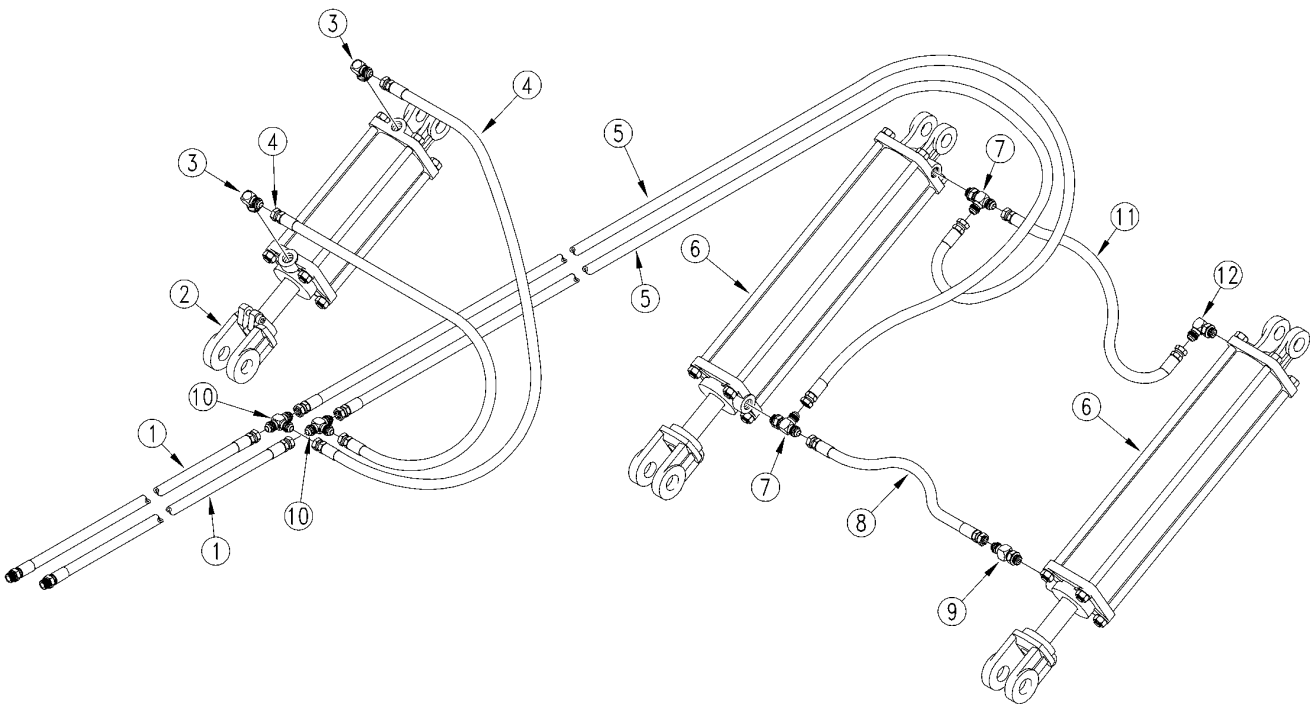
Fold Hydraulics

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15473	Image No.		
1.	810-298C	CYL 3.5X20X1.5 ROD (TIE ROD)		
2.	811-470C	TE 9/16MJIC 3/4MORB 9/16MJIC		
3.	811-574C	HH1/4R1 040 9/16FJIC		
4.	811-171C	EL 3/4MORB 9/16MJIC		
5.	811-140C	HH1/4R1 012 9/16FJIC		
6.	811-183C	HH1/4R1 381 1/2MNPT 9/16FJIC		
7.	811-490C	RPBY 196-429D		

Transport Axle And Transport Hook Lift Hydraulics (S/N S1283-)

(Applies to 3S-3000, 3S-3000F only)



15471

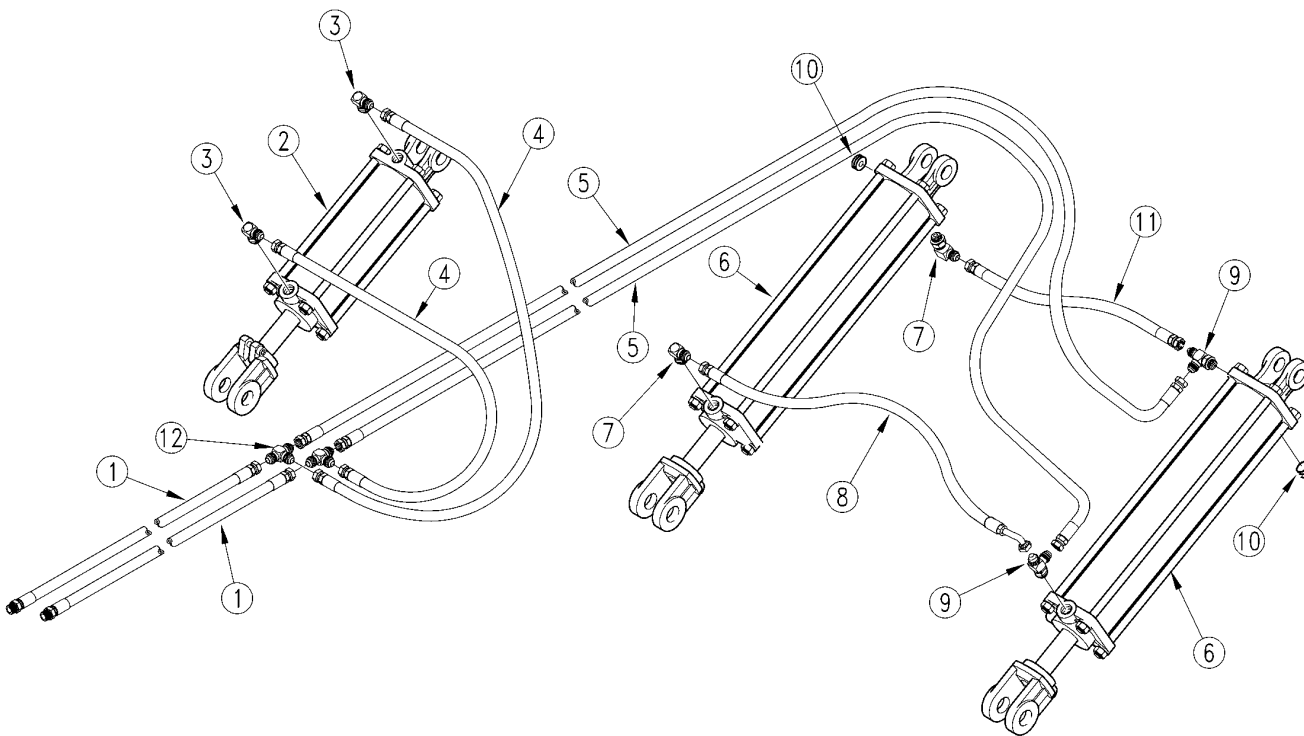
Transport Axle And Transport Hook Lift Hydraulics (S/N S1283-)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15471	Image No.		
1.	811-436C	HH1/4R1 156 9/16FJIC 1/2MNPT		
2.	810-104C	CYL 3.5X8X1.25 ROD (TIE) 1 PIN	Refer to "Transport Hook Midway Hydraulic Cylinder 3.5 x 8 x 1.25 (810-104C)", "Transport Hook Monarch Hydraulic Cylinder 3.5 x 8 x 1.25 (810-104C)" & "Transport Hook Cross Hydraulic Cylinder 3.5 x 8 x 1.25 (810-104C)" for breakdown.	
3.	811-171C	EL 3/4MORB 9/16MJIC		
4.	811-574C	HH1/4R1 040 9/16FJIC		
5.	811-252C	HH1/4R1 177 9/16FJIC		
6.	810-316C	CYL 3.5X12X1.25 ROD (TIE ROD)	Refer to "Transport Axle Midway Hydraulic Cylinder 3.5 x 12 x 1.25 (810-316C)" for breakdown.	
7.	811-064C	TE 9/16MJIC 9/16MJIC 9/16MORB		
8.	811-057C	HH1/4R2 020 9/16FJIC		
9.	811-170C	AD 9/16MORB 9/16MJIC		
10.	811-312C	TE 9/16MJIC		
11.	811-362C	HH1/4R1 025 9/16FJIC		
12.	811-065C	EL 9/16MJIC 9/16MORB		

Transport Axle And Transport Hook Lift Hydraulics (S/N S1283+)

(Applies to 3S-3000, 3S-3000F only)



17277

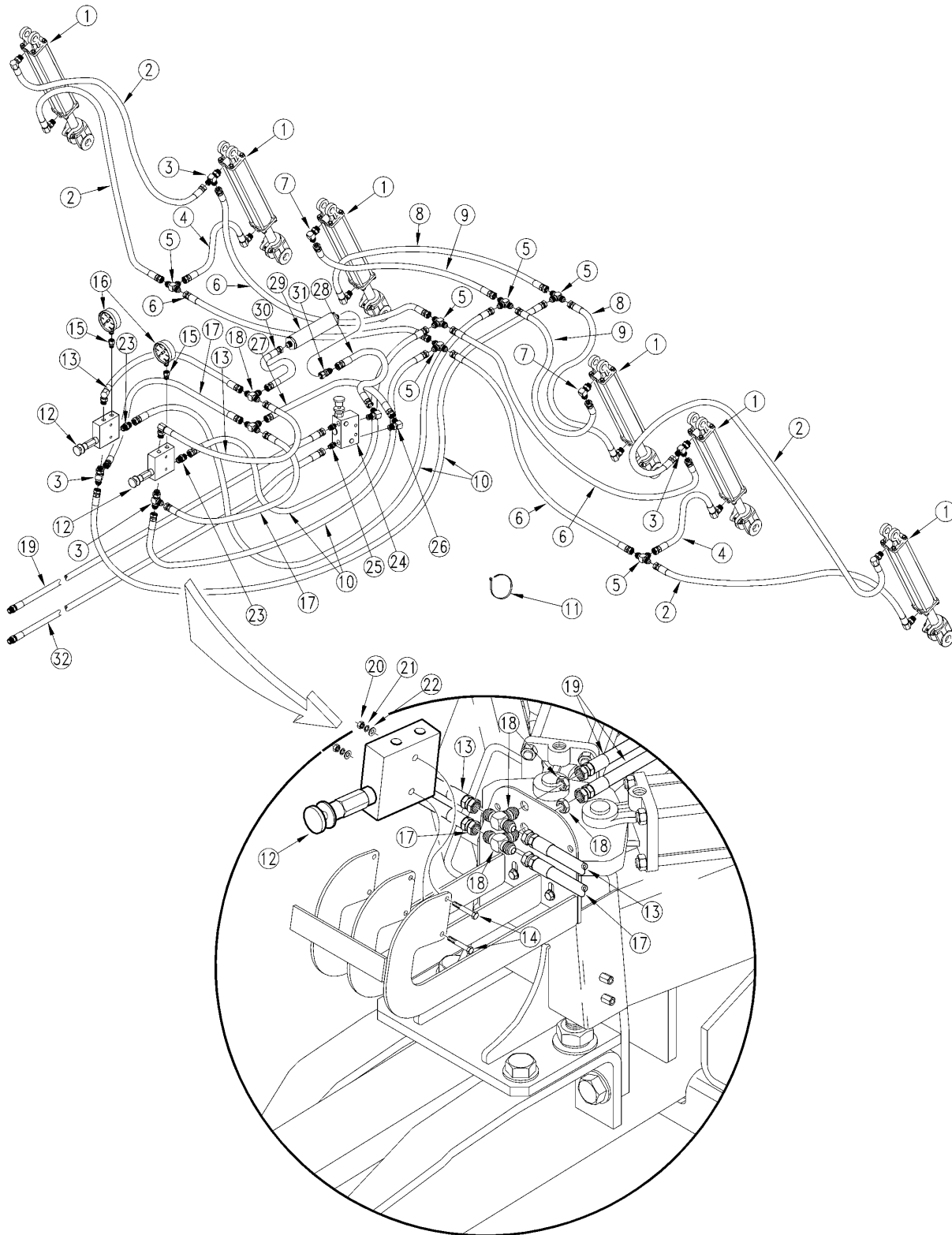
Transport Axle And Transport Hook Lift Hydraulics (S/N S1283+)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg17277	Image No.		
1.	811-436C	HH1/4R1 156 9/16FJIC 1/2MNPT		
2.	810-104C	CYL 3.5X8X1.25 ROD (TIE) 1 PIN	Refer to "Transport Hook Midway Hydraulic Cylinder 3.5 x 8 x 1.25 (810-104C)", "Transport Hook Monarch Hydraulic Cylinder 3.5 x 8 x 1.25 (810-104C)" & "Transport Hook Cross Hydraulic Cylinder 3.5 x 8 x 1.25 (810-104C)" for breakdown.	
3.	811-171C	EL 3/4MORB 9/16MJIC		
4.	811-574C	HH1/4R1 040 9/16FJIC		
5.	811-252C	HH1/4R1 177 9/16FJIC		
6.	810-316C	CYL 3.5X12X1.25 ROD (TIE ROD)	Refer to "Transport Axle Midway Hydraulic Cylinder 3.5 x 12 x 1.25 (810-316C)" for breakdown.	
7.	811-065C	EL 9/16MJIC 9/16MORB		
8.	811-695C	HH1/4R2 025 9/16FJIC9/16FJIC90		
9.	811-064C	TE 9/16MJIC 9/16MJIC 9/16MORB		
10.	811-675C	PL 9/16MORB HEX HEAD		
11.	811-362C	HH1/4R1 025 9/16FJIC		
12.	811-312C	TE 9/16MJIC		

Opener Down Pressure Hydraulics (Closed Center) (S/N S1699-)

(Applies to 3S-3000, 3S-3000F only)



16095

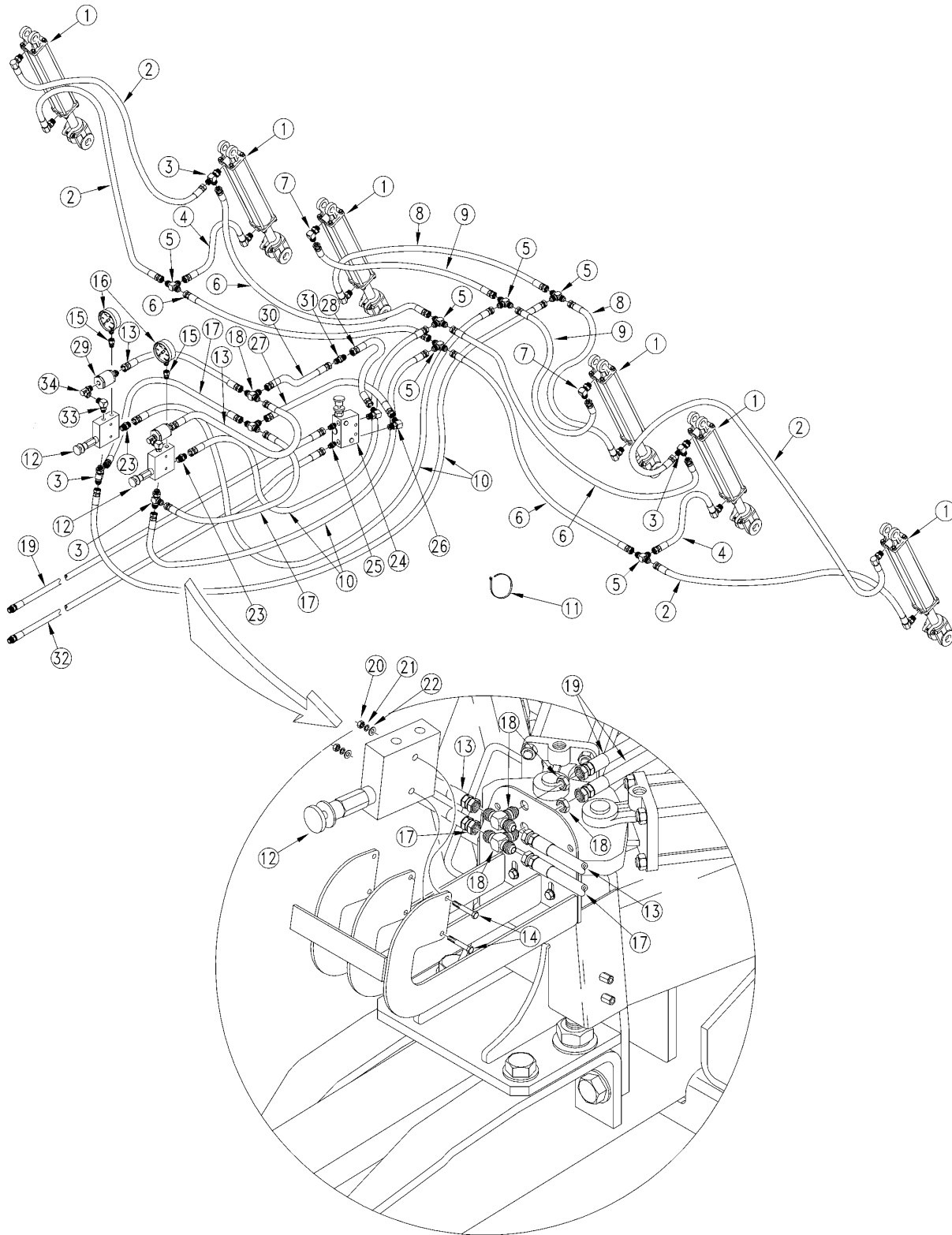
Opener Down Pressure Hydraulics (Closed Center) (S/N S1699-)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16095	Image No.		
1.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)	Refer to Hydraulic Cylinder (810-299C 2X8X1.12 ROD) for breakdown	
2.	811-577C	HH1/4R1 100 9/16FJIC9/16MORM90		
3.	811-064C	TE 9/16MJIC 9/16MJIC 9/16MORB		
4.	811-590C	HH3/8R1 034 9/16FJIC9/16MORM90		
5.	811-312C	TE 9/16MJIC		
6.	811-586C	HH3/8R1 134 9/16FJIC		
7.	811-065C	EL 9/16MJIC 9/16MORB		
8.	811-578C	HH1/4R1 074 9/16FJIC9/16MORM90		
9.	811-589C	HH1/4R1 074 9/16FJIC		
10.	811-587C	HH3/8R1 092 9/16FJIC		
11.	800-082C	CABLE TIE .31X21.5 6DIA 120LB		
12.	810-301C	VALVE PRESS REDUCING W/CHECK	Refer to "Pressure Reducing Valve (810-301C)" for breakdown.	
13.	811-632C	HH3/8R1 021 9/16FJIC9/16MORB90		
14.	802-551C	HHCS 1/4-20X2 1/4 GR5		
15.	811-677C	AD 9/16MORB 1/4FNPT		
16.	810-300C	PRESSURE GAUGE 3000 PSI		
17.	811-631C	HH3/8R1 018 9/16FJIC		
18.	811-356C	TE 9/16MJIC BH 9/16MJIC 9/16MJ		
19.	811-585C	HH3/8R1 408 1/2MNPT 9/16FJIC		
20.	803-006C	NUT-HEX 1/4-20 PLT		
21.	804-006C	WASHER LOCK SPRING 1/4 PLT		
22.	804-075C	WASHER FLAT 1/4 USS PLT		
23.	811-170C	AD 9/16MORB 9/16MJIC		
24.	810-432C	HYDRAULIC BYPASS VALVE		
25.	811-133C	AD 9/16MJIC 3/4MORB		
26.	811-171C	EL 3/4MORB 9/16MJIC		
27.	811-631C	HH3/8R1 018 9/16FJIC		
28.	811-118C	HH3/8R1 041 9/16FJIC 3/4FJIC		
29.	810-410C	FILTER INLINE SHOEMAKER #8055		
30.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
31.	811-146C	AD 3/4FJIC 9/16MJIC		
32.	811-796C	HH1/2R1 408 1/2MNPT 9/16FJIC		

Opener Down Pressure Hydraulics (Closed Center) (S/N S1700+)

(Applies to 3S-3000, 3S-3000F only)



22965

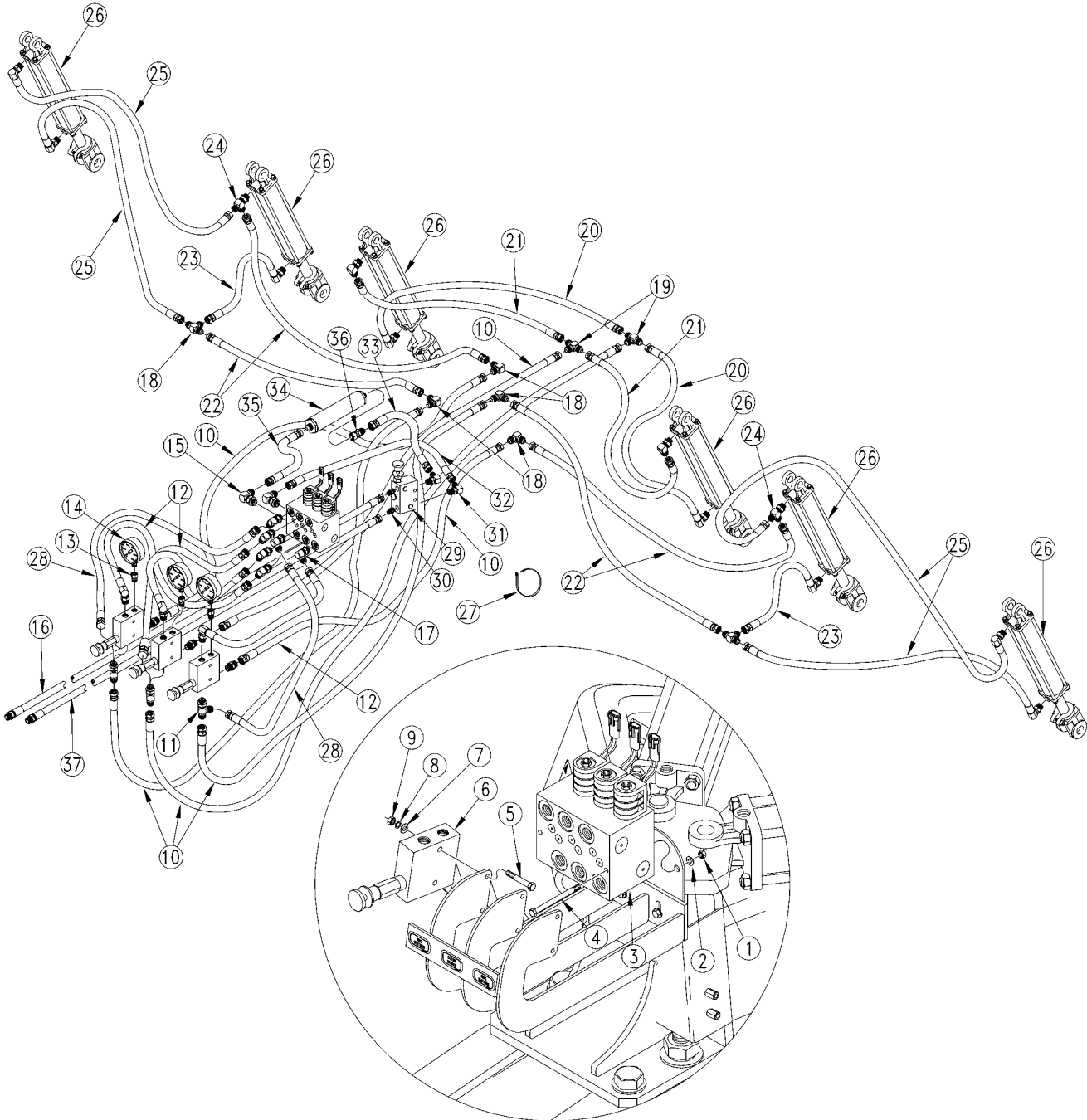
Opener Down Pressure Hydraulics (Closed Center) (S/N S1700+)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg22965	Image No.		
1.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)	Refer to Hydraulic Cylinder (810-299C 2X8X1.12 ROD) for breakdown	
2.	811-577C	HH1/4R1 100 9/16FJIC9/16MORM90		
3.	811-064C	TE 9/16MJIC 9/16MJIC 9/16MORB		
4.	811-590C	HH3/8R1 034 9/16FJIC9/16MORM90		
5.	811-312C	TE 9/16MJIC		
6.	811-586C	HH3/8R1 134 9/16FJIC		
7.	811-065C	EL 9/16MJIC 9/16MORB		
8.	811-578C	HH1/4R1 074 9/16FJIC9/16MORM90		
9.	811-589C	HH1/4R1 074 9/16FJIC		
10.	811-587C	HH3/8R1 092 9/16FJIC		
11.	800-082C	CABLE TIE .31X21.5 6DIA 120LB		
12.	810-301C	VALVE PRESS REDUCING W/CHECK	Refer to "Pressure Reducing Valve (810-301C)" for breakdown	
13.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
14.	802-551C	HHCS 1/4-20X2 1/4 GR5		
15.	811-677C	AD 9/16MORB 1/4FNPT		
16.	810-300C	PRESSURE GAUGE 3000 PSI		
17.	811-631C	HH3/8R1 018 9/16FJIC		
18.	811-356C	TE 9/16MJIC BH 9/16MJIC 9/16MJ		
19.	811-585C	HH3/8R1 408 1/2MNPT 9/16FJIC		
20.	803-006C	NUT-HEX 1/4-20 PLT		
21.	804-006C	WASHER LOCK SPRING 1/4 PLT		
22.	804-075C	WASHER FLAT 1/4 USS PLT		
23.	811-170C	AD 9/16MORB 9/16MJIC		
24.	810-432C	HYDRAULIC BYPASS VALVE		
25.	811-133C	AD 9/16MJIC 3/4MORB		
26.	811-171C	EL 3/4MORB 9/16MJIC		
27.	811-631C	HH3/8R1 018 9/16FJIC		
28.	811-118C	HH3/8R1 041 9/16FJIC 3/4FJIC		
29.	810-554C	FILTER INLINE 3/4FORB 3/4MJIC	For replacement screen order 810-553C	
30.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
31.	811-430C	AD 3/4MJIC 3/4MJIC		
32.	811-796C	HH1/2R1 408 1/2MNPT 9/16FJIC		
33.	811-216C	EL 3/4MJIC 9/16MORB		
34.	841-077C	EL 3/4FJIC 3/4MORB		

Opener Down Pressure Hydraulics With Point Row (Option) (S/N S1699-)

(Applies to 3S-3000, 3S-3000F only)



17026

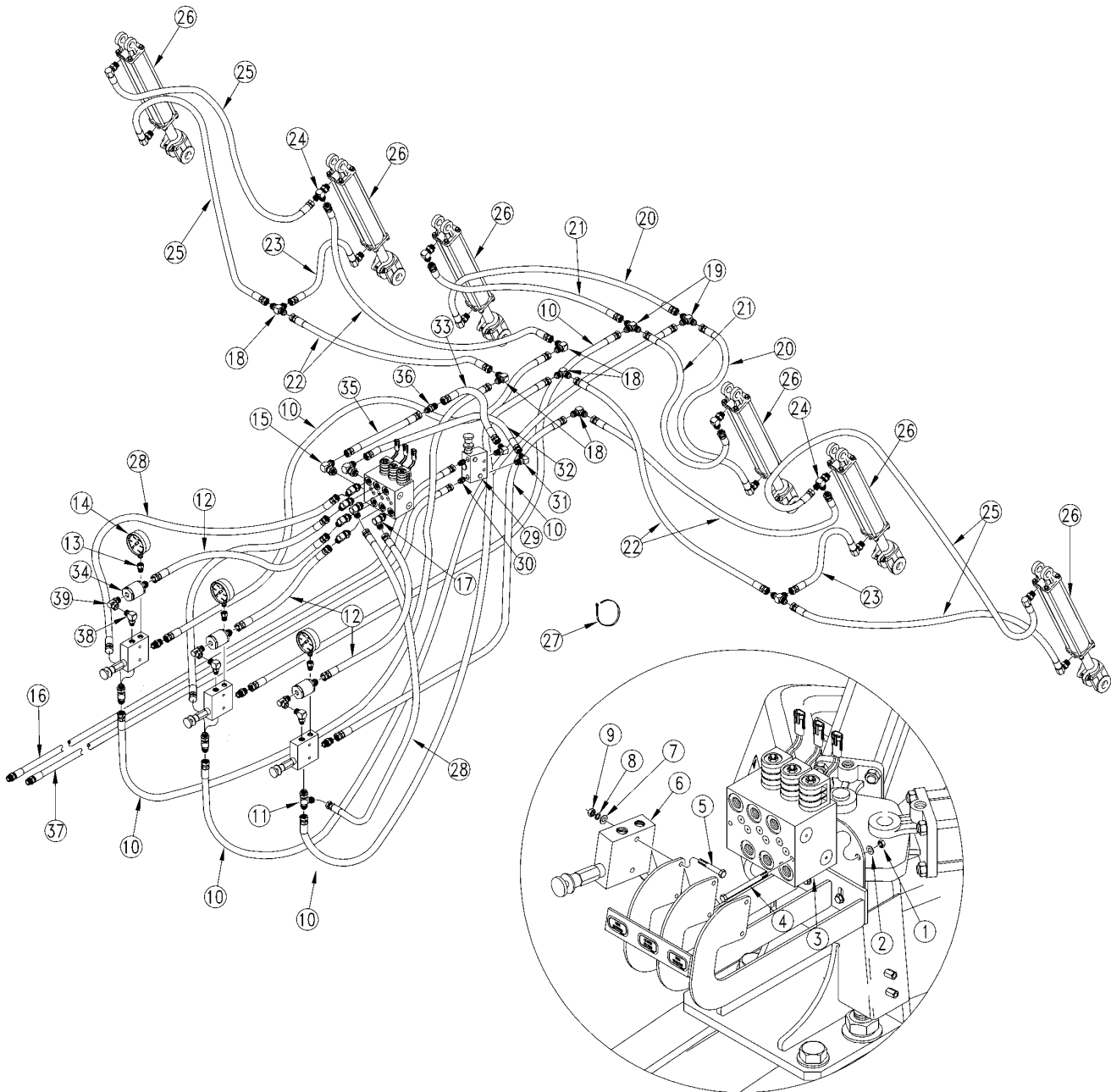
Opener Down Pressure Hydraulics With Point Row (Option) (S/N S1699-)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg17026	Image No.		
1.	803-013C	NUT LOCK 3/8-16 PLT		
2.	804-011C	WASHER FLAT 3/8 USS PLT		
3.	810-371C	MANIFOLD ASY 3S-3000 POINT ROW	Refer to "Manifold Block (810-371C) (Option)" for breakdown	
4.	802-026C	HHCS 3/8-16X3 3/4 GR5		
5.	802-551C	HHCS 1/4-20X2 1/4 GR5		
6.	810-301C	VALVE PRESS REDUCING W/CHECK	Refer to "Pressure Reducing Valve (810-301C)" for breakdown.	
7.	804-075C	WASHER FLAT 1/4 USS PLT		
8.	804-006C	WASHER LOCK SPRING 1/4 PLT		
9.	803-006C	NUT-HEX 1/4-20 PLT		
10.	811-587C	HH3/8R1 092 9/16FJIC		
11.	811-064C	TE 9/16MJIC 9/16MJIC 9/16MORB		
12.	811-632C	HH3/8R1 021 9/16FJIC9/16MORB90		
13.	811-677C	AD 9/16MORB 1/4FNPT		
14.	810-300C	PRESSURE GAUGE 3000 PSI		
15.	811-171C	EL 3/4MORB 9/16MJIC		
16.	811-585C	HH3/8R1 408 1/2MNPT 9/16FJIC		
17.	811-065C	EL 9/16MJIC 9/16MORB		
18.	811-393C	EL 9/16MJIC		
19.	811-312C	TE 9/16MJIC		
20.	811-578C	HH1/4R1 074 9/16FJIC9/16MORM90		
21.	811-589C	HH1/4R1 074 9/16FJIC		
22.	811-586C	HH3/8R1 134 9/16FJIC		
23.	811-590C	HH3/8R1 034 9/16FJIC9/16MORM90		
24.	811-064C	TE 9/16MJIC 9/16MJIC 9/16MORB		
25.	811-577C	HH1/4R1 100 9/16FJIC9/16MORM90		
26.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)	Refer to Hydraulic Cylinder (810-299C 2X8X1.12 ROD) for breakdown	
27.	800-082C	CABLE TIE .31X21.5 6DIA 120LB		
28.	811-631C	HH3/8R1 018 9/16FJIC		
29.	810-432C	HYDRAULIC BYPASS VALVE		
30.	811-133C	AD 9/16MJIC 3/4MORB		
31.	811-171C	EL 3/4MORB 9/16MJIC		
32.	811-631C	HH3/8R1 018 9/16FJIC		
33.	811-118C	HH3/8R1 041 9/16FJIC 3/4FJIC		
34.	810-410C	FILTER INLINE SHOEMAKER #8055		
35.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
36.	811-146C	AD 3/4FJIC 9/16MJIC		
37.	811-796C	HH1/2R1 408 1/2MNPT 9/16FJIC		

Opener Down Pressure Hydraulics With Point Row (Option) (S/N S1700+)

(Applies to 3S-3000, 3S-3000F only)



22966

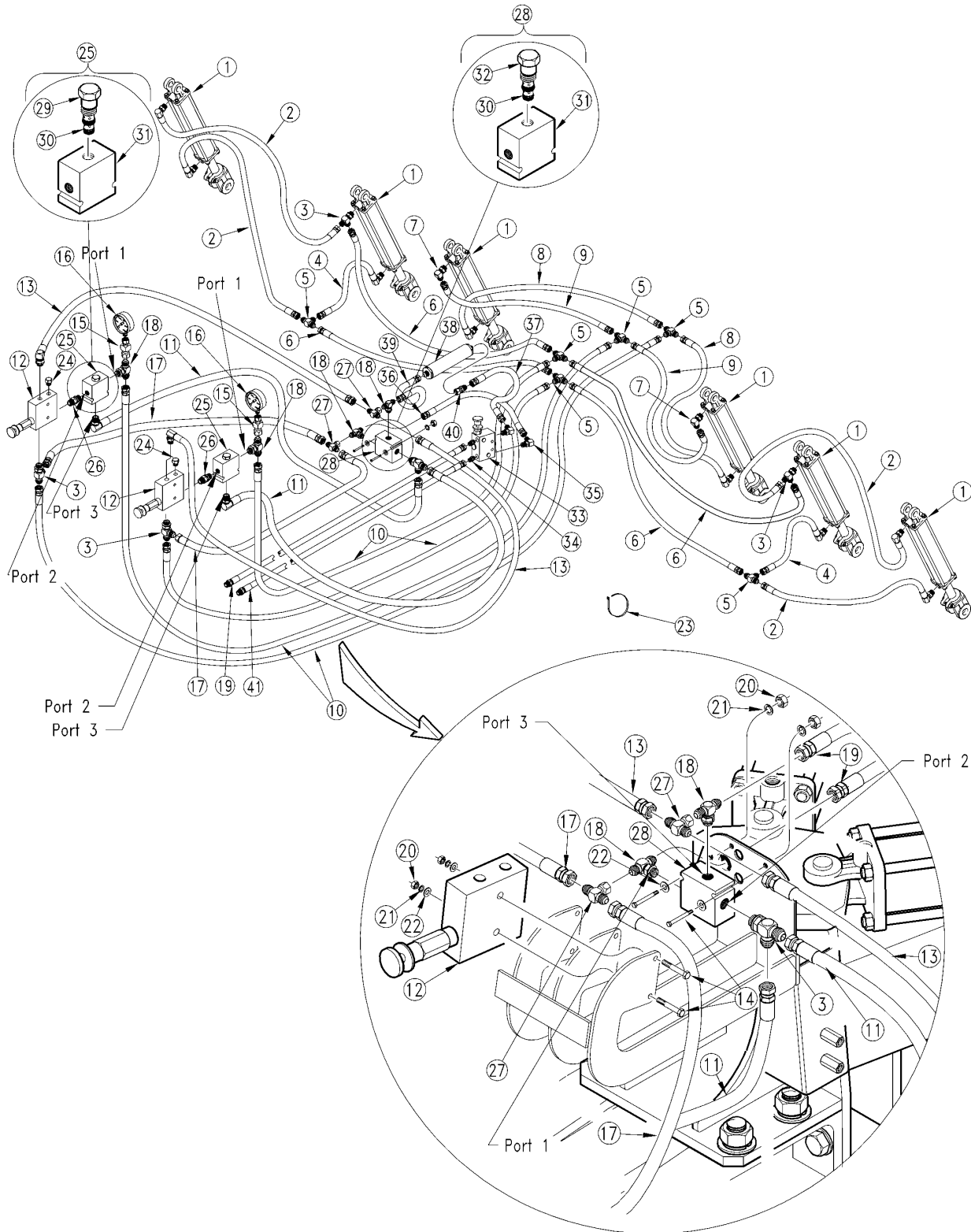
Opener Down Pressure Hydraulics With Point Row (Option) (S/N S1700+)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg22966	Image No.		
1.	803-013C	NUT LOCK 3/8-16 PLT		
2.	804-011C	WASHER FLAT 3/8 USS PLT		
3.	810-371C	MANIFOLD ASY 3S-3000 POINT ROW	Refer to "Manifold Block (810-371C) (Option)" for breakdown	
4.	802-026C	HHCS 3/8-16X3 3/4 GR5		
5.	802-551C	HHCS 1/4-20X2 1/4 GR5		
6.	810-301C	VALVE PRESS REDUCING W/CHECK	Refer to "Pressure Reducing Valve (810-301C)" for breakdown	
7.	804-075C	WASHER FLAT 1/4 USS PLT		
8.	804-006C	WASHER LOCK SPRING 1/4 PLT		
9.	803-006C	NUT-HEX 1/4-20 PLT		
10.	811-587C	HH3/8R1 092 9/16FJIC		
11.	811-064C	TE 9/16MJIC 9/16MJIC 9/16MORB		
12.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
13.	811-677C	AD 9/16MORB 1/4FNPT		
14.	810-300C	PRESSURE GAUGE 3000 PSI		
15.	811-171C	EL 3/4MORB 9/16MJIC		
16.	811-585C	HH3/8R1 408 1/2MNPT 9/16FJIC		
17.	811-065C	EL 9/16MJIC 9/16MORB		
18.	811-393C	EL 9/16MJIC		
19.	811-312C	TE 9/16MJIC		
20.	811-578C	HH1/4R1 074 9/16FJIC9/16MORM90		
21.	811-589C	HH1/4R1 074 9/16FJIC		
22.	811-586C	HH3/8R1 134 9/16FJIC		
23.	811-590C	HH3/8R1 034 9/16FJIC9/16MORM90		
24.	811-064C	TE 9/16MJIC 9/16MJIC 9/16MORB		
25.	811-577C	HH1/4R1 100 9/16FJIC9/16MORM90		
26.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)	Refer to Hydraulic Cylinder (810-299C 2X8X1.12 ROD) for breakdown	
27.	800-082C	CABLE TIE .31X21.5 6DIA 120LB		
28.	811-631C	HH3/8R1 018 9/16FJIC		
29.	810-432C	HYDRAULIC BYPASS VALVE		
30.	811-133C	AD 9/16MJIC 3/4MORB		
31.	811-171C	EL 3/4MORB 9/16MJIC		
32.	811-631C	HH3/8R1 018 9/16FJIC		
33.	811-118C	HH3/8R1 041 9/16FJIC 3/4FJIC		
34.	810-554C	FILTER INLINE 3/4FORB 3/4MJIC	For replacement screen order 810-553C	
35.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
36.	811-430C	AD 3/4MJIC 3/4MJIC		
37.	811-796C	HH1/2R1 408 1/2MNPT 9/16FJIC		
38.	811-216C	EL 3/4MJIC 9/16MORB		
39.	841-077C	EL 3/4FJIC 3/4MORB		

Opener Down Pressure Hydraulics (Open Center) (S/N S1699-)

(Applies to 3S-3000, 3S-3000F only)



16096

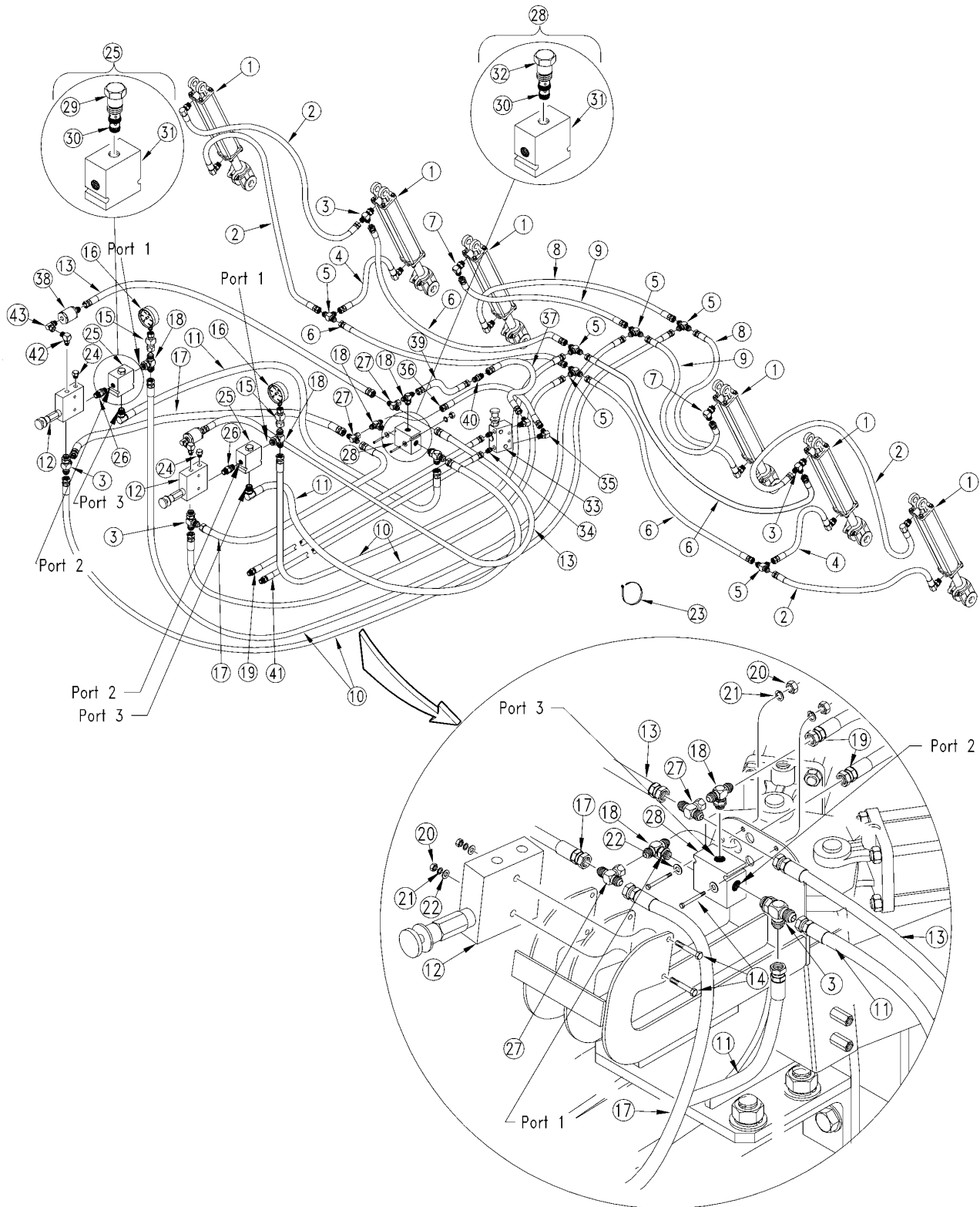
Opener Down Pressure Hydraulics (Open Center) (S/N S1699-)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16096	Image No.		
1.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)	Refer to Hydraulic Cylinder (810-299C 2X8X1.12 ROD) for breakdown	
2.	811-577C	HH1/4R1 100 9/16FJIC9/16MORM90		
3.	811-064C	TE 9/16MJIC 9/16MJIC 9/16MORB		
4.	811-590C	HH3/8R1 034 9/16FJIC9/16MORM90		
5.	811-312C	TE 9/16MJIC		
6.	811-586C	HH3/8R1 134 9/16FJIC		
7.	811-065C	EL 9/16MJIC 9/16MORB		
8.	811-578C	HH1/4R1 074 9/16FJIC9/16MORM90		
9.	811-589C	HH1/4R1 074 9/16FJIC		
10.	811-587C	HH3/8R1 092 9/16FJIC		
11.	811-531C	HH1/4R2 018 9/16FJIC9/16MORB90		
12.	810-301C	VALVE PRESS REDUCING W/CHECK		
13.	811-632C	HH3/8R1 021 9/16FJIC9/16MORB90		
14.	802-551C	HHCS 1/4-20X2 1/4 GR5		
15.	811-582C	AD 9/16FJIC 1/4FNPT		
16.	810-300C	PRESSURE GAUGE 3000 PSI		
17.	811-631C	HH3/8R1 018 9/16FJIC		
18.	811-439C	TE 9/16MORB 9/16MJIC 9/16MJIC		
19.	811-585C	HH3/8R1 408 1/2MNPT 9/16FJIC		
20.	803-006C	NUT-HEX 1/4-20 PLT		
21.	804-006C	WASHER LOCK SPRING 1/4 PLT		
22.	804-075C	WASHER FLAT 1/4 USS PLT		
23.	800-082C	CABLE TIE .31X21.5 6DIA 120LB		
24.	811-675C	PL 9/16MORB HEX HEAD		
25.	810-343C	VALVE PO CHECK 2:1 W/9/16FORB		
26.	811-636C	AD 9/16MORB STRAIGHT UNION		
27.	811-193C	TE 9/16FJIC 9/16MJIC 9/16MJIC		
28.	810-344C	VALVE SHUTTLE 9/16FORB PORTS		
29.	810-293C	VALVE P O CHECK DELTA 85002692		
30.	810-303C	SEAL KIT 7/8-14 DELTA 21170040	Refer To Chart on "Pressure Reducing Valve (810-301C)".	
31.	30102360	DELTA BODY ONLY FS#6 SAE PORTS		
32.	85002946	DELTA SHUTTLE VALVE CARTRIDGE		
33.	810-432C	HYDRAULIC BYPASS VALVE		
34.	811-133C	AD 9/16MJIC 3/4MORB		
35.	811-171C	EL 3/4MORB 9/16MJIC		
36.	811-631C	HH3/8R1 018 9/16FJIC		
37.	811-118C	HH3/8R1 041 9/16FJIC 3/4FJIC		
38.	810-410C	FILTER INLINE SHOEMAKER #8055		
39.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
40.	811-146C	AD 3/4FJIC 9/16MJIC		
41.	811-796C	HH1/2R1 408 1/2MNPT 9/16FJIC		

Opener Down Pressure Hydraulics (Open Center) (S/N S1700+)

(Applies to 3S-3000, 3S-3000F only)



22967

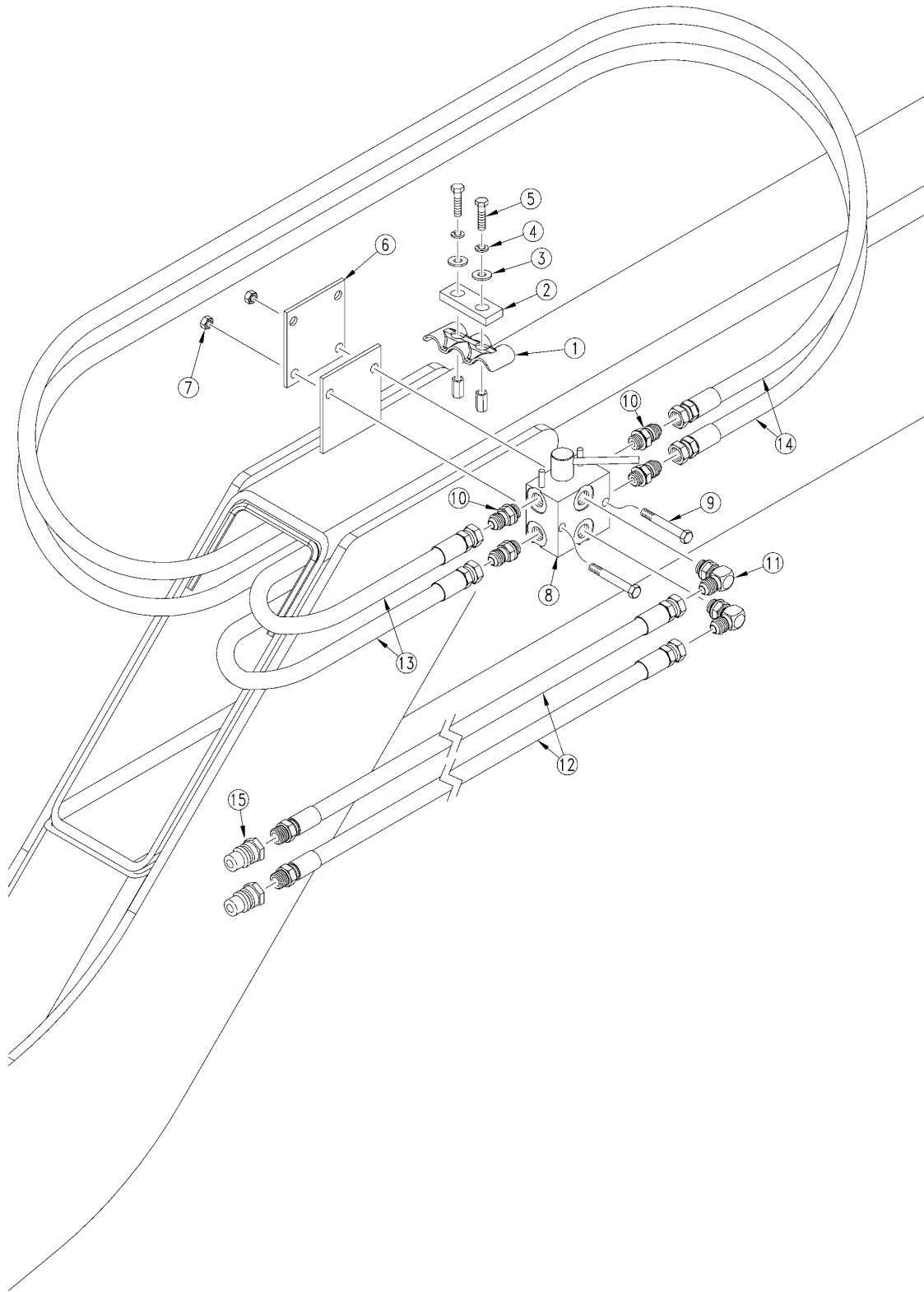
Opener Down Pressure Hydraulics (Open Center) (S/N S1700+)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg22967	Image No.		
1.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)	Refer to Hydraulic Cylinder (810-299C 2X8X1.12 ROD) for breakdown	
2.	811-577C	HH1/4R1 100 9/16FJIC9/16MORM90		
3.	811-064C	TE 9/16MJIC 9/16MJIC 9/16MORB		
4.	811-590C	HH3/8R1 034 9/16FJIC9/16MORM90		
5.	811-312C	TE 9/16MJIC		
6.	811-586C	HH3/8R1 134 9/16FJIC		
7.	811-065C	EL 9/16MJIC 9/16MORB		
8.	811-578C	HH1/4R1 074 9/16FJIC9/16MORM90		
9.	811-589C	HH1/4R1 074 9/16FJIC		
10.	811-587C	HH3/8R1 092 9/16FJIC		
11.	811-531C	HH1/4R2 018 9/16FJIC9/16MORB90		
12.	810-301C	VALVE PRESS REDUCING W/CHECK		
13.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
14.	802-551C	HHCS 1/4-20X2 1/4 GR5		
15.	811-582C	AD 9/16FJIC 1/4FNPT		
16.	810-300C	PRESSURE GAUGE 3000 PSI		
17.	811-631C	HH3/8R1 018 9/16FJIC		
18.	811-439C	TE 9/16MORB 9/16MJIC 9/16MJIC		
19.	811-585C	HH3/8R1 408 1/2MNPT 9/16FJIC		
20.	803-006C	NUT-HEX 1/4-20 PLT		
21.	804-006C	WASHER LOCK SPRING 1/4 PLT		
22.	804-075C	WASHER FLAT 1/4 USS PLT		
23.	800-082C	CABLE TIE .31X21.5 6DIA 120LB		
24.	811-675C	PL 9/16MORB HEX HEAD		
25.	810-343C	VALVE PO CHECK 2:1 W/9/16FORB		
26.	811-636C	AD 9/16MORB STRAIGHT UNION		
27.	811-193C	TE 9/16FJIC 9/16MJIC 9/16MJIC		
28.	810-344C	VALVE SHUTTLE 9/16FORB PORTS		
29.	810-293C	VALVE P O CHECK DELTA 85002692		
30.	810-303C	SEAL KIT 7/8-14 DELTA 21170040	Refer To Chart on "Pressure Reducing Valve (810-301C)"	
31.	30102360	DELTA BODY ONLY FS#6 SAE PORTS		
32.	85002946	DELTA SHUTTLE VALVE CARTRIDGE		
33.	810-432C	HYDRAULIC BYPASS VALVE		
34.	811-133C	AD 9/16MJIC 3/4MORB		
35.	811-171C	EL 3/4MORB 9/16MJIC		
36.	811-631C	HH3/8R1 018 9/16FJIC		
37.	811-118C	HH3/8R1 041 9/16FJIC 3/4FJIC		
38.	810-554C	FILTER INLINE 3/4FORB 3/4MJIC	For replacement screen order 810-553C	
39.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
40.	811-430C	AD 3/4MJIC 3/4MJIC		
41.	811-796C	HH1/2R1 408 1/2MNPT 9/16FJIC		
42.	811-216C	EL 3/4MJIC 9/16MORB		
43.	841-077C	EL 3/4FJIC 3/4MORB		

Double Selector Valve Mounting

(Applies to 3S-3000, 3S-3000F only)



27020

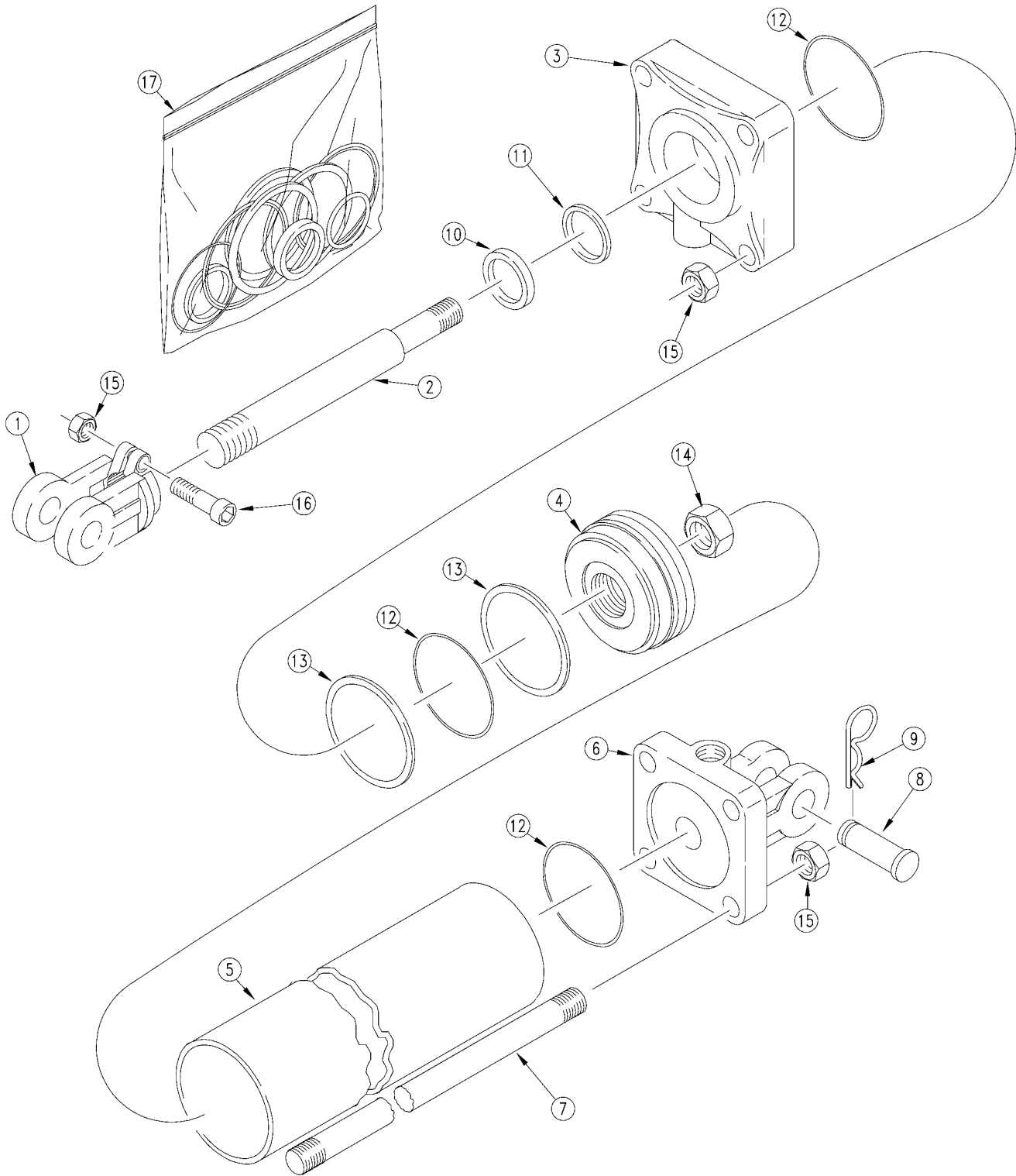
Double Selector Valve Mounting

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg27020	Image No.		
1.	196-146D	3-HOSE CLAMP BRACKET		
2.	196-885D	HOSE CLAMP HOLDDOWN		
3.	804-010C	WASHER FLAT 5/16 USS PLT		
4.	804-009C	WASHER LOCK SPRING 5/16 PLT		
5.	802-010C	HHCS 5/16-18X1 1/4 GR5		
6.	194-249D	BRACKET, 2ND SELECTOR VALVE		
7.	803-013C	NUT LOCK 3/8-16 PLT		
8.	810-274C	DOUBLE SELECTOR VALVE 3/4FORB		
9.	802-168C	HHCS 3/8-16X3 1/4 GR5		
10.	811-021C	AD 1/2FNPTS 3/4MORB		
11.	811-063C	EL 3/4MJIC 3/4MORB		
12.	811-272C	HH1/2R2 096 3/4MORB 3/4FJIC		
13.	811-181C	HH1/4R1 405 1/2MNPT 9/16FJIC		
14.	811-585C	HH3/8R1 408 1/2MNPT 9/16FJIC		
15.	811-394C	CP 3/4FORB MALE QD POPPET TYPE		

Hydraulic Cylinder 2 x 8 x 1.12 (810-299C)

(Applies to 3S-3000, 3S-3000F only)



15705

Hydraulic Cylinder 2 x 8 x 1.12 (810-299C)

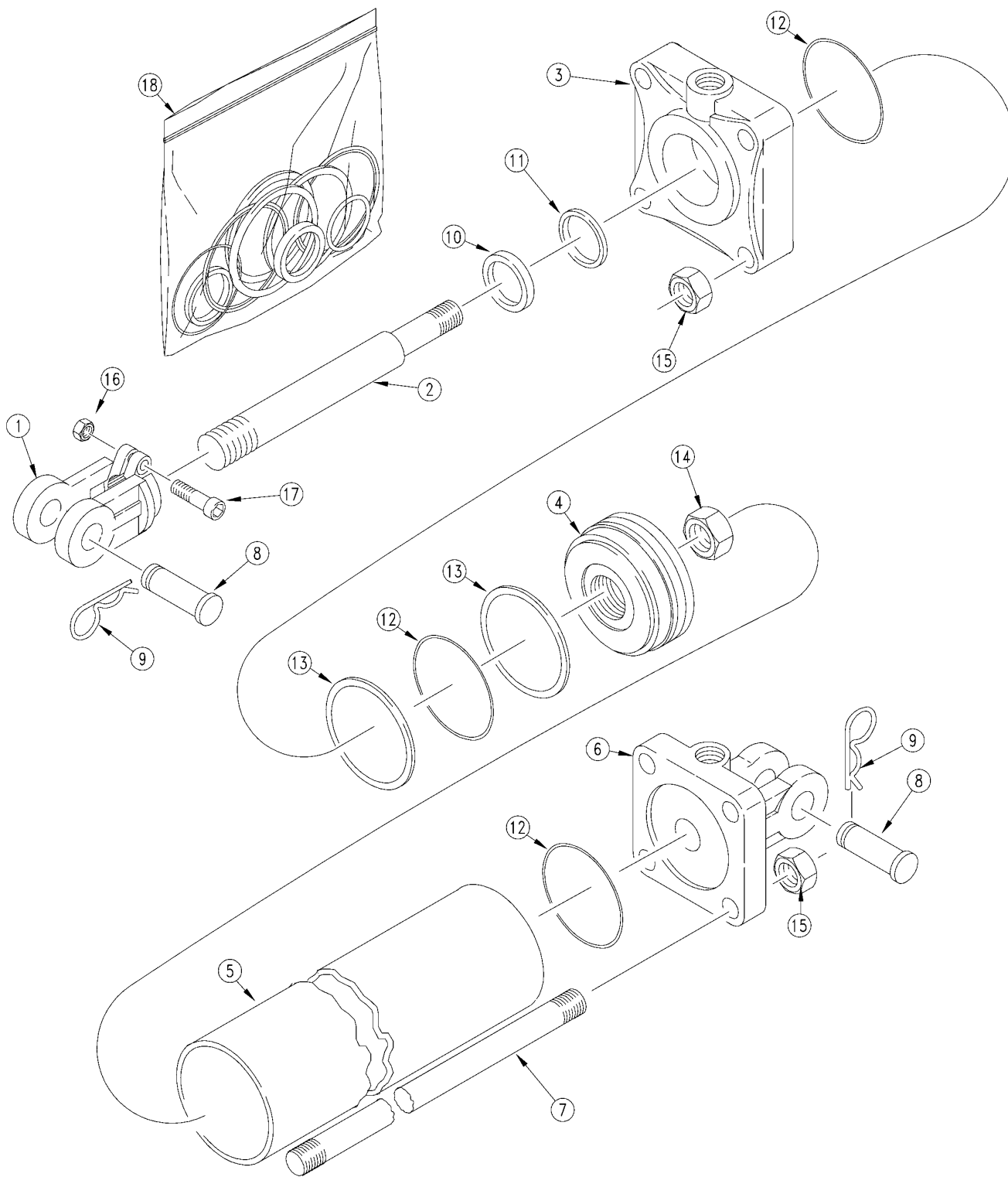
(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15705	Image No.		
1.	1M6006	MW ROD CLEVIS		
2.	2M2316	MW ROD		
3.	3M2310	MW HEAD		
4.	4M2102	MW PISTON		
5.	5M2116	MW TUBE		
6.	6M2132	MW BASE		
7.	7M2316	MW TIE ROD		
8.	2A0208	MW CLEVIS PIN		
9.	2A0132	MW PIN CLIP		
10.		MW WIPER	Available in item 17 Only	
11.		MW U-CUP	Available in item 17 Only	
12.		MW O-RING	Available in item 17 Only	
13.		MW BACKUP	Available in item 17 Only	
14.	2A0022	MW NUT, PISTON		
15.	2A0012	MW NUT CLEVIS & TIE ROD		
16.	2A0006	MW CAPSCREW		
17.	810-310C	SEAL KIT MW 5A2104		

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Transport Hook Midway Hydraulic Cylinder 3.5 x 8 x 1.25 (810-104C)

(Applies to 3S-3000, 3S-3000F only)



15702

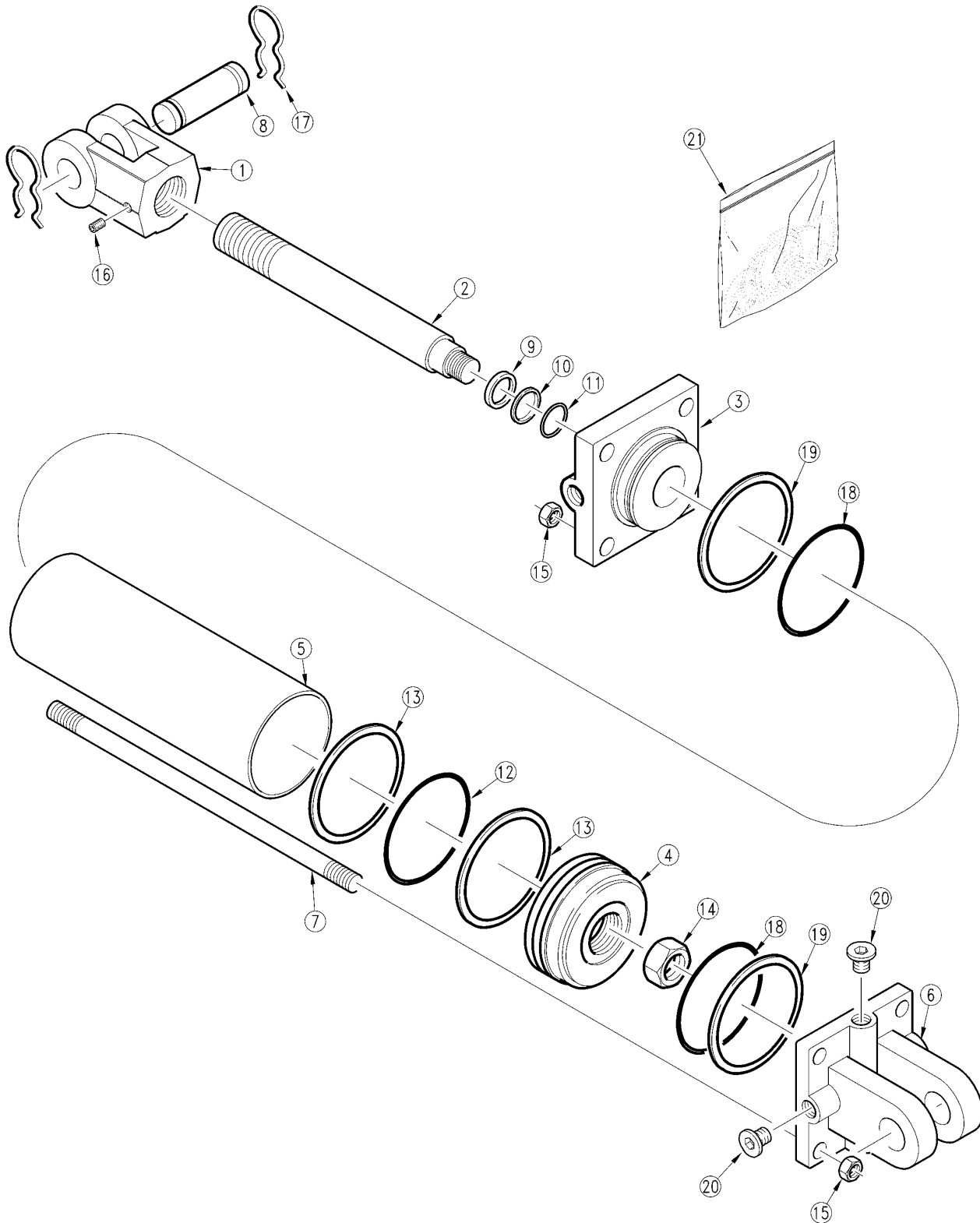
Transport Hook Midway Hydraulic Cylinder 3.5 x 8 x 1.25 (810-104C)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15702	Image No.		
1.	1M7016	CLEVIS ROD MIDWAY		
2.	2M5416	MW ROD		
3.	3R3412	MW HEAD		
4.	4M5102	RPBY 4M5108		
5.	5M5116	MW TUBE 3 1/2 X 8 CYLINDER		
6.	6R3164	BASE MIDWAY		
7.	7M5316	MW TIE ROD		
8.	2A0208	RPBY 805-124C		
9.	2A0132	MW PIN CLIP		
10.	2A0024	MW PISTON NUT 1-14		
11.		U-CUP	Only found in seal kit 18	
12.		O-RING	Only found in seal kit 18	
13.		BACKUP RING	Only found in seal kit 18	
14.		WIPERSEAL	Only found in seal kit 18	
15.	2A0016	MW TIE ROD NUT		
16.	2A0012	RPBY 803-234C		
17.	2A0006	RPBY 802-023C		
18.	810-149C	SEAL KIT MW (5A5102) 3.5X1.25R		

Transport Hook Monarch Hydraulic Cylinder 3.5 x 8 x 1.25 (810-104C)

(Applies to 3S-3000, 3S-3000F only)



15475

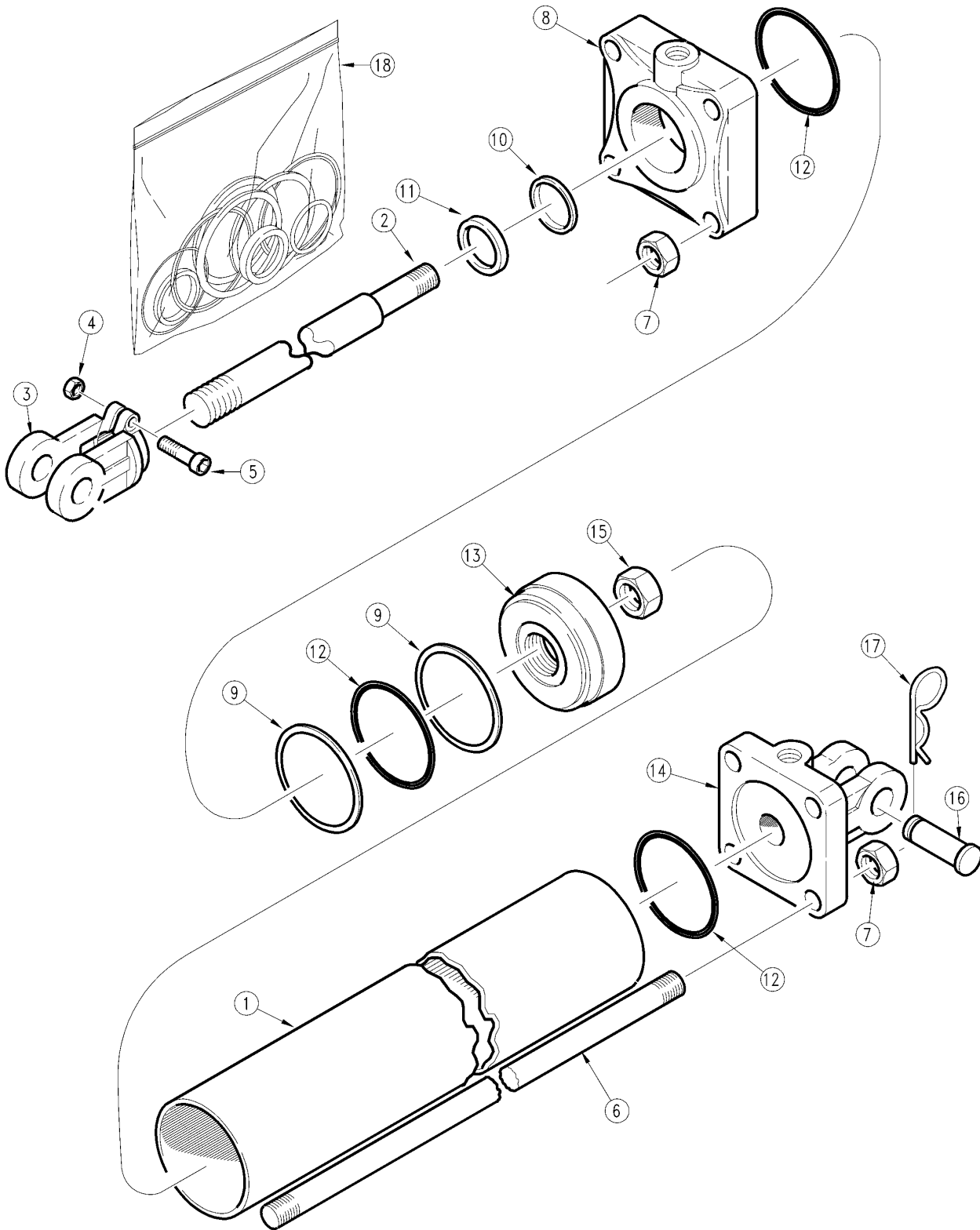
Transport Hook Monarch Hydraulic Cylinder 3.5 x 8 x 1.25 (810-104C)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15475	Image No.		
1.	492652	LION ROD CLEVIS 1 1/4 (1PIN)		
2.	492700	LION ROD 1.25 DIA. ASAE 8		
3.	492677	LION ROD CAP 3.5 X 1 1/4 ORB		
4.	492528	LION PISTON 3.5 DIA CST DI		
5.	491798	LION CYL. TUBE 3.5 X 8		
6.	492676	LION CLEVIS CAP 3.5 ORB		
7.	492338	LION TIE ROD 5/8 X 8		
8.	134953	LION PIN		
9.		WIPER SEAL	Only found in seal kit 21	
10.		O-RING	Only found in seal kit 21	
11.		BACKUP RING	Only found in seal kit 21	
12.		O-RING	Only found in seal kit 21	
13.		BACKUP RING	Only found in seal kit 21	
14.	129110	LION NUT HEX 1-14UNS GR5 PHOSP		
15.	803-022C	NUT HEX 5/8-18 PLT		
16.	801-023C	SCREW SET SH 3/8-16X3/8 TYPE C		
17.	134952	LION PIN CLIP-CLEVIS		
18.		O-RING	Only found in seal kit 21	
19.		BACKUP RING	Only found in seal kit 21	
20.	186562	LION PLUG 3/4-16UNF SOCKET HD		
21.	810-256C	SEAL KIT LN 639577 3.5BX1.25RD		

Transport Hook Cross Hydraulic Cylinder 3.5 x 8 x 1.25 (810-104C)

(Applies to 3S-3000, 3S-3000F only)



15704

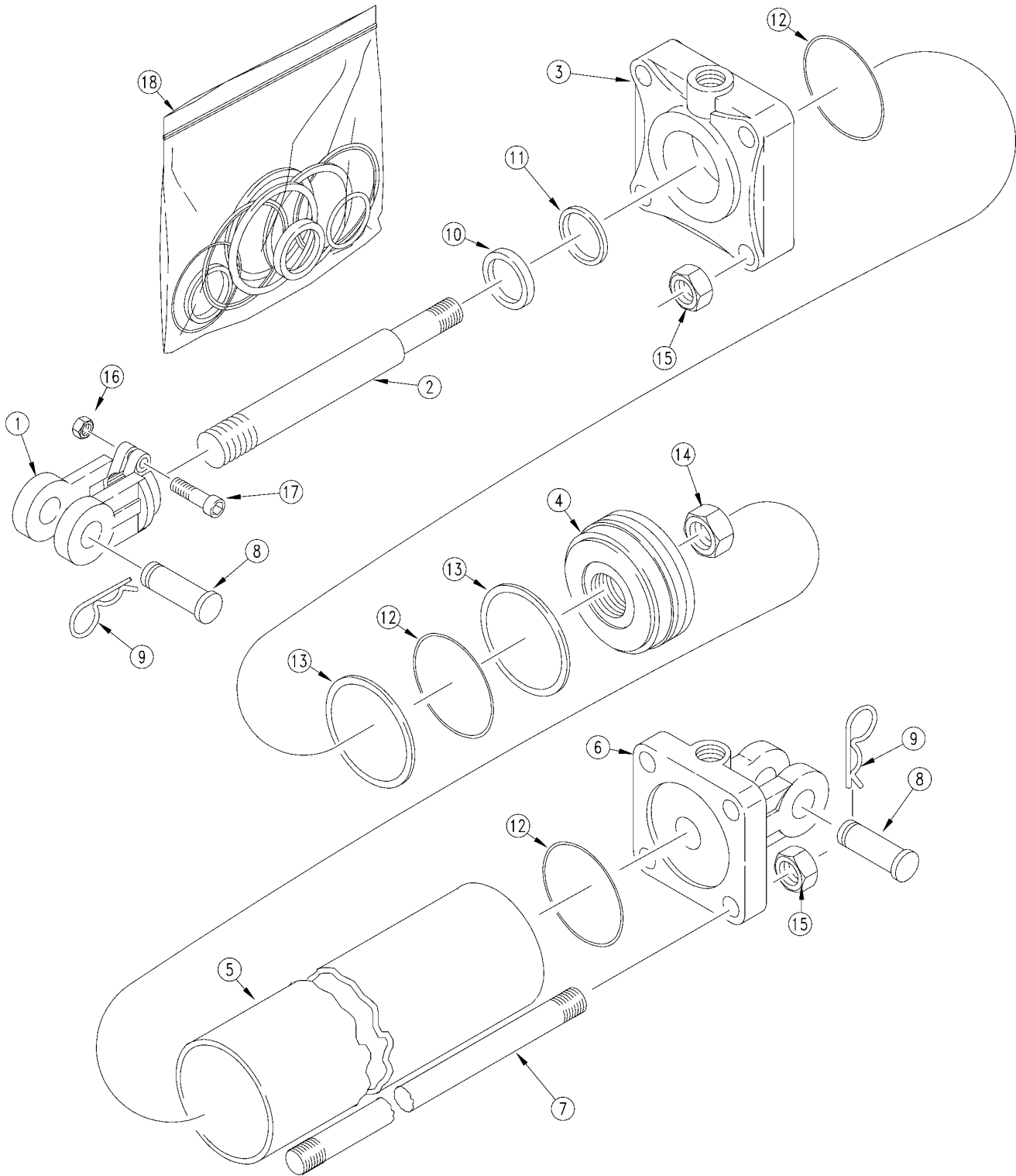
Transport Hook Cross Hydraulic Cylinder 3.5 x 8 x 1.25 (810-104C)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15704	Image No.		
1.	1D0009-1050	TUBE CROSS		
2.	1D0205-1462	ROD CROSS		
3.	3C4549	CROSS ROD CLEVIS		
4.	2A0235-6	CROSS NUT, CLEVIS & TIE ROD		
5.	2A0079-616	CROSS SCREW, CAP		
6.	2A0581-1325	TIE ROD CROSS		
7.	2A0236-9	TIE ROD NUT CROSS		
8.	1D1159-8	HEAD CROSS		
9.		BACKUP PISTON	Only found in seal kit 18	
10.		U-CUP	Only found in seal kit 18	
11.		ROD WIPER	Only found in seal kit 18	
12.		O-RING PISTON	Only found in seal kit 18	
13.	1D1401-350	PISTON CROSS		
14.	1D1224-8	CROSS BASE		
15.	1A1141	PISTON NUT CROSS		
16.	1D1582-16300	CROSS CLEVIS PIN		
17.	2A0308-1	RPBY 805-032C		
18.	810-146C	SEAL KIT CROSS 3.5 CYL 1C4429		

Toolbar Fold Midway Hydraulic Cylinder 3.5 x 20 x 1.5 (810-298C)

(Applies to 3S-3000, 3S-3000F only)



15702

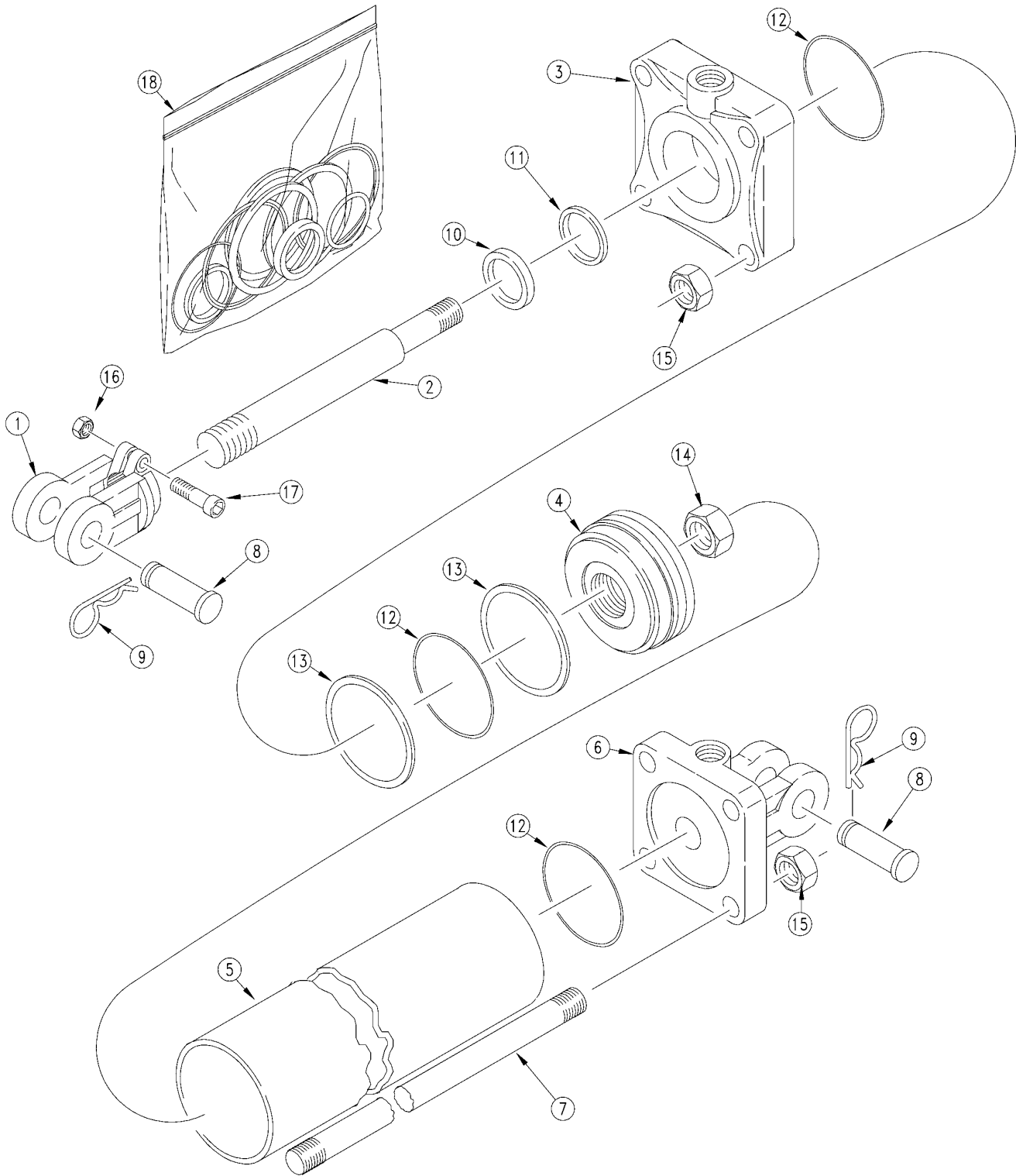
Toolbar Fold Midway Hydraulic Cylinder 3.5 x 20 x 1.5 (810-298C)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15702	Image No.		
1.	1M7016	CLEVIS ROD MIDWAY		
2.	2M5530	MW ROD		
3.	3R3812	MW HEAD		
4.	4M5102	RPBY 4M5108		
5.	5M5128	MW TUBE		
6.	6R3162	MW BASE 3 1/2 CYLINDER		
7.	7M5328	TIE ROD		
8.	2A0208	RPBY 805-124C		
9.	2A0132	MW PIN CLIP		
10.		MW WIPER	Only found in seal kit 18	
11.		MW U-CLIP	Only found in seal kit 18	
12.		MW O-RING	Only found in seal kit 18	
13.		MW BACKUP	Only found in seal kit 18	
14.	2A0024	MW PISTON NUT 1-14		
15.	2A0016	MW TIE ROD NUT		
16.	2A0012	RPBY 803-234C		
17.	2A0006	RPBY 802-023C		
18.	810-059C	CYL SEAL KIT 5A5104		

Transport Axle Midway Hydraulic Cylinder 3.5 x 12 x 1.25 (810-316C)

(Applies to 3S-3000, 3S-3000F only)



15702

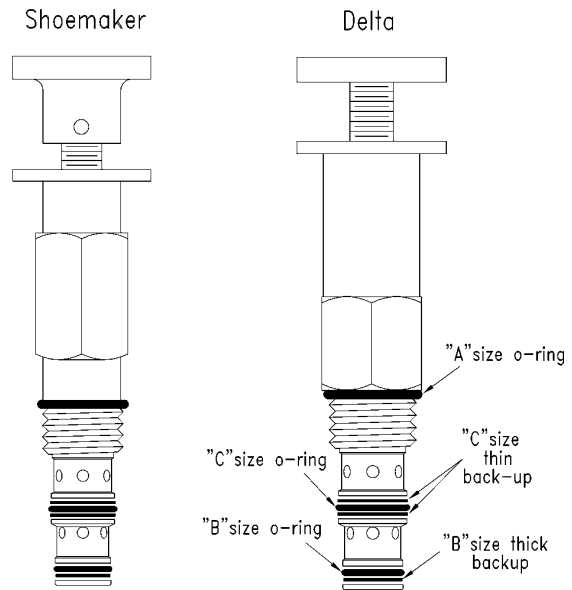
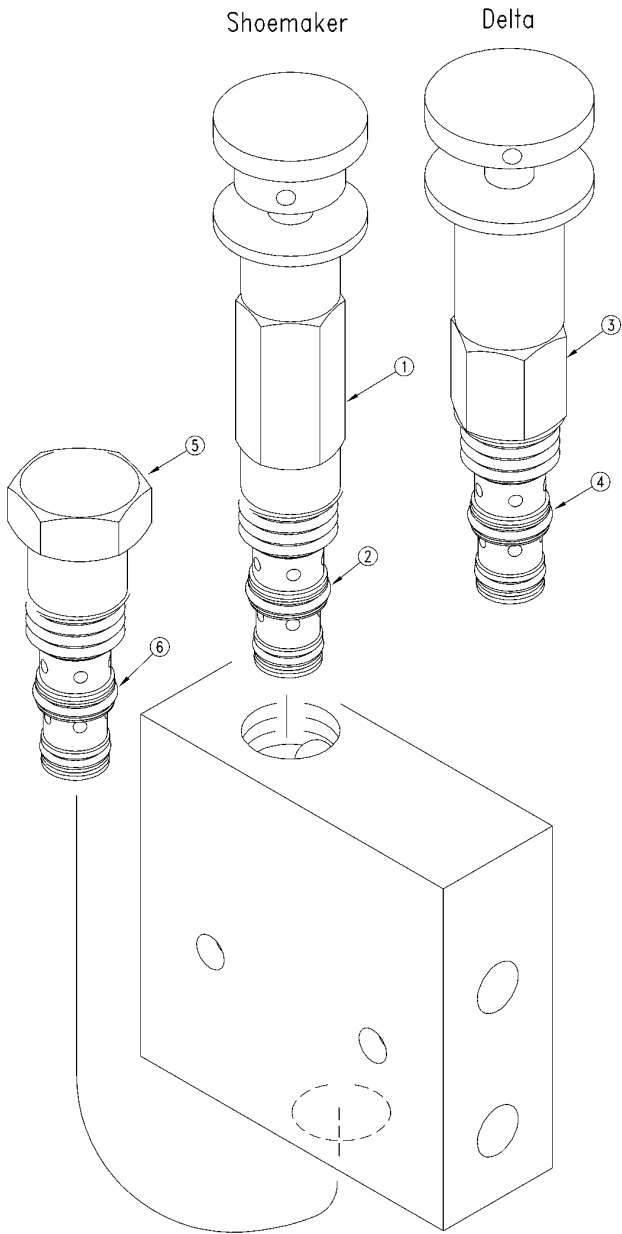
Transport Axle Midway Hydraulic Cylinder 3.5 x 12 x 1.25 (810-316C)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15702	Image No.		
1.	1M7016	CLEVIS ROD MIDWAY		
2.	2M5420	MW ROD		
3.	3R3410	MW HEAD		
4.	4M5102	RPBY 4M5108		
5.	5M5120	MW TUBE 3 1/2 X 12		
6.	6R3150	BASE MIDWAY		
7.	7M5320	TIE ROD MIDWAY		
8.	2A0208	RPBY 805-124C		
9.	2A0132	MW PIN CLIP		
10.		MW WIPER	Only found in seal kit 18	
11.		MW U-CUP	Only found in seal kit 18	
12.		MW O-RING	Only found in seal kit 18	
13.		MW BACK UP	Only found in seal kit 18	
14.	2A0024	MW PISTON NUT 1-14		
15.	2A0016	MW TIE ROD NUT		
16.	2A0012	RPBY 803-234C		
17.	2A0006	RPBY 802-023C		
18.	810-149C	SEAL KIT MW (5A5102) 3.5X1.25R		

Pressure Reducing Valve (810-301C)

(Applies to 3S-3000, 3S-3000F only)



Seal Kit For 7/8"-14 Series Valves

	$\frac{A}{\text{OD } .949 \text{ ID } .754}$
	$\frac{B}{\text{OD } .629 \text{ ID } .489}$
	$\frac{C}{\text{OD } .691 \text{ ID } .551}$
	$\frac{D}{\text{OD } .754 \text{ ID } .614}$

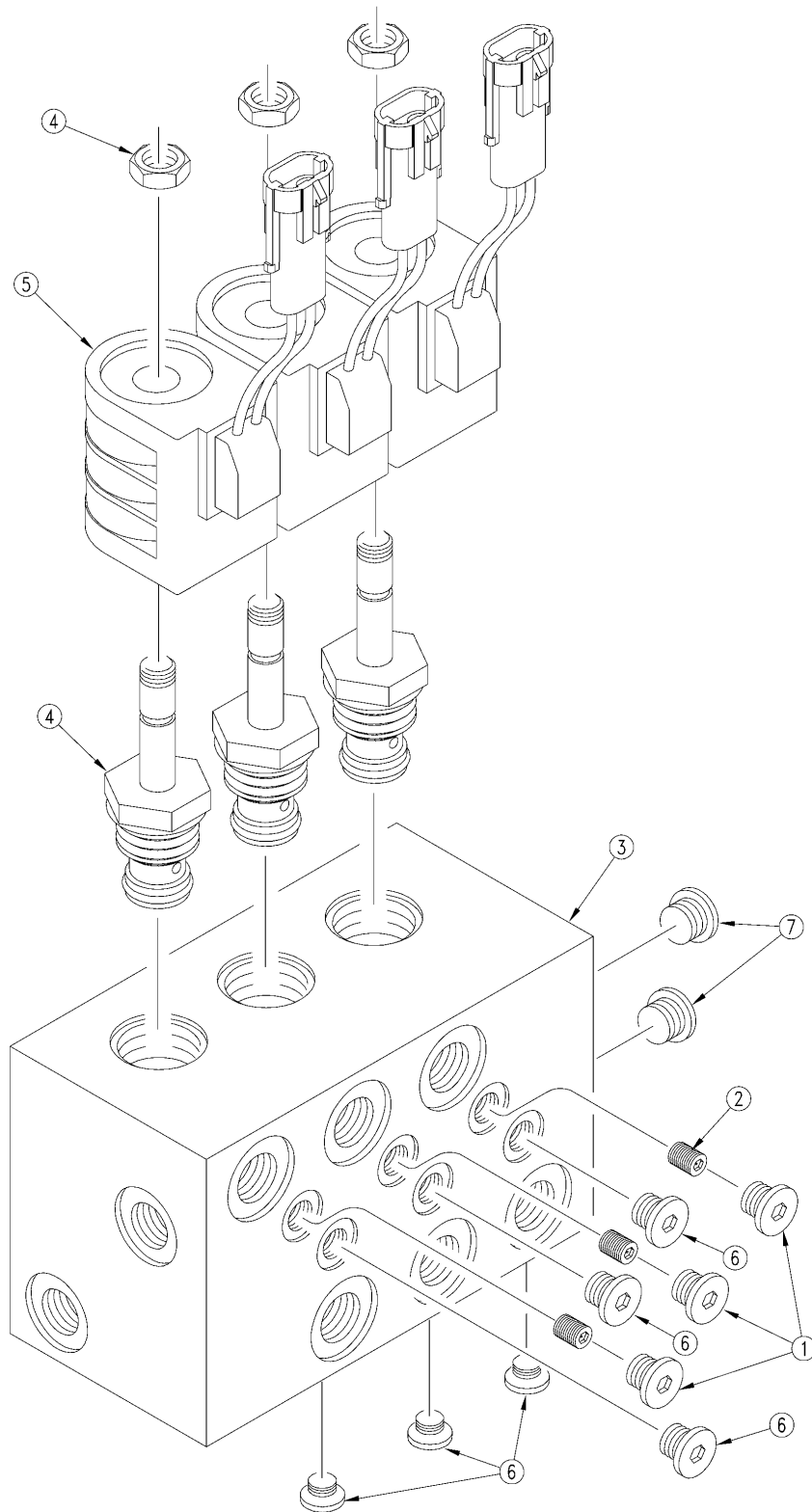
Pressure Reducing Valve (810-301C)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16292	Image No.		
1.	PRPIL-10-K-25	CARTRIDGE PRESS RED SHOEMAKER		
2.	5075	RPBY 810-452C		
3.	85020040	DELTA CARTRIDGE ONLY WITH KNOB		
4.	810-303C	SEAL KIT 7/8-14 DELTA 21170040	See chart for sizes	
5.	CP2-10	REPLACED BY CP2-10-0		
6.	5070	RPBY 5075		
6.	810-303C	SEAL KIT 7/8-14 DELTA 21170040	Includes: 2 Each of the thin Back-Up Rings, sizes B, C, and D; 1 Each of the thick Back-Up Rings, sizes C and D; 2 Each of the thick Back-Up Rings size B; 1 Each of O-Rings sizes A, B, C, and D.	

Manifold Block (810-371C) (Option)

(Applies to 3S-3000, 3S-3000F only)



17027

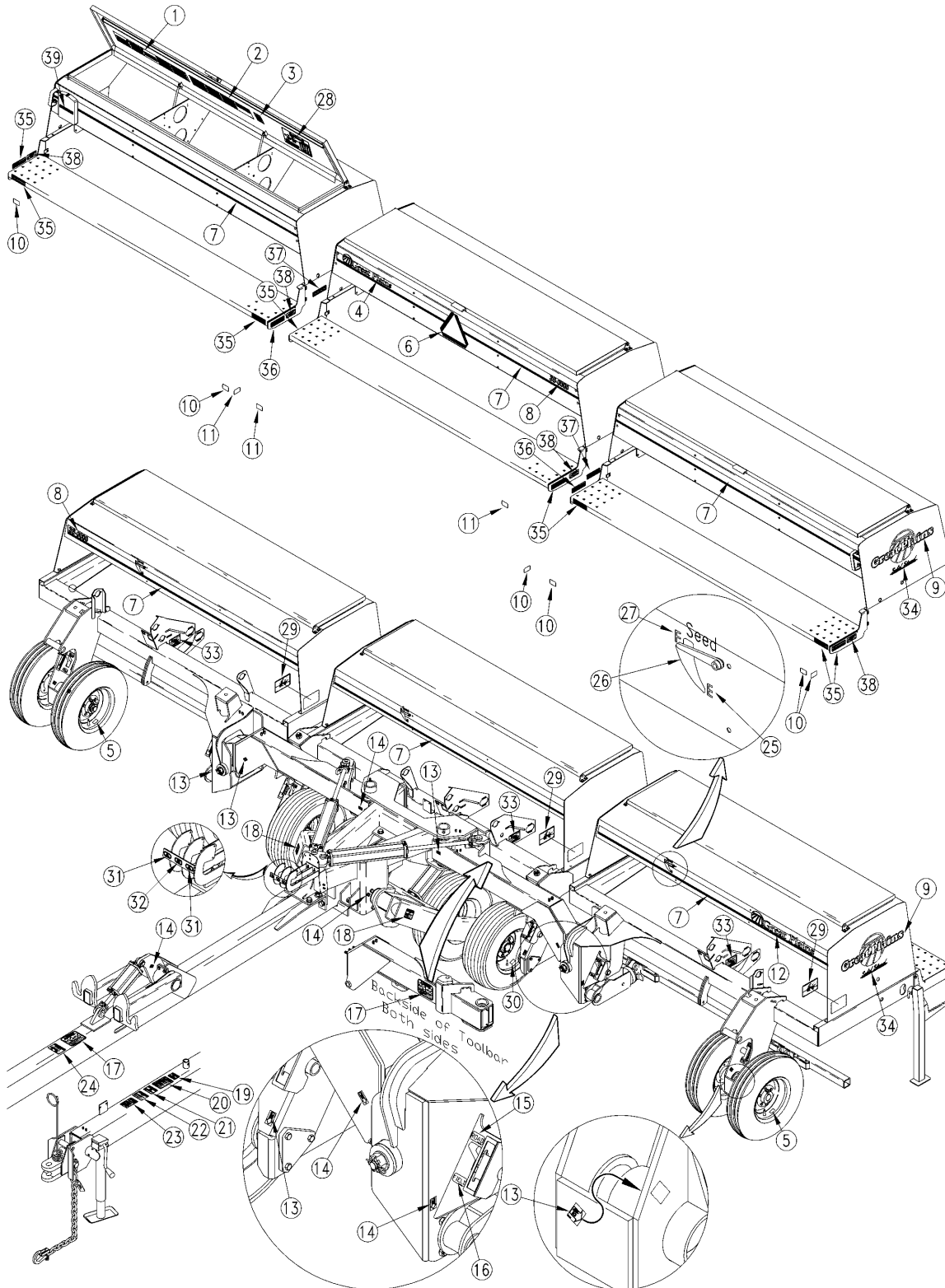
Manifold Block (810-371C) (Option)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg17027	Image No.		
1.	61010016	#4 SAE PLUG		
2.	61010039	.078 ORIFICE PLUG		
3.	30102754	MANIFOLD		
4.	85002333	DELTA 4W2P VALVE DGS4D-00		
5.	39680008	DELTA COIL 12VDC W CONN		
6.	61011003	#4 SAE PLUG ZL		
7.	811-203C	PL 3/4MORB HOLLOW HEX		
	500-090B	SEAL KIT 7/8-14 DELTA W/ LTITE		

Decal Placement

(Applies to 3S-3000, 3S-3000F only)



15480

Decal Placement

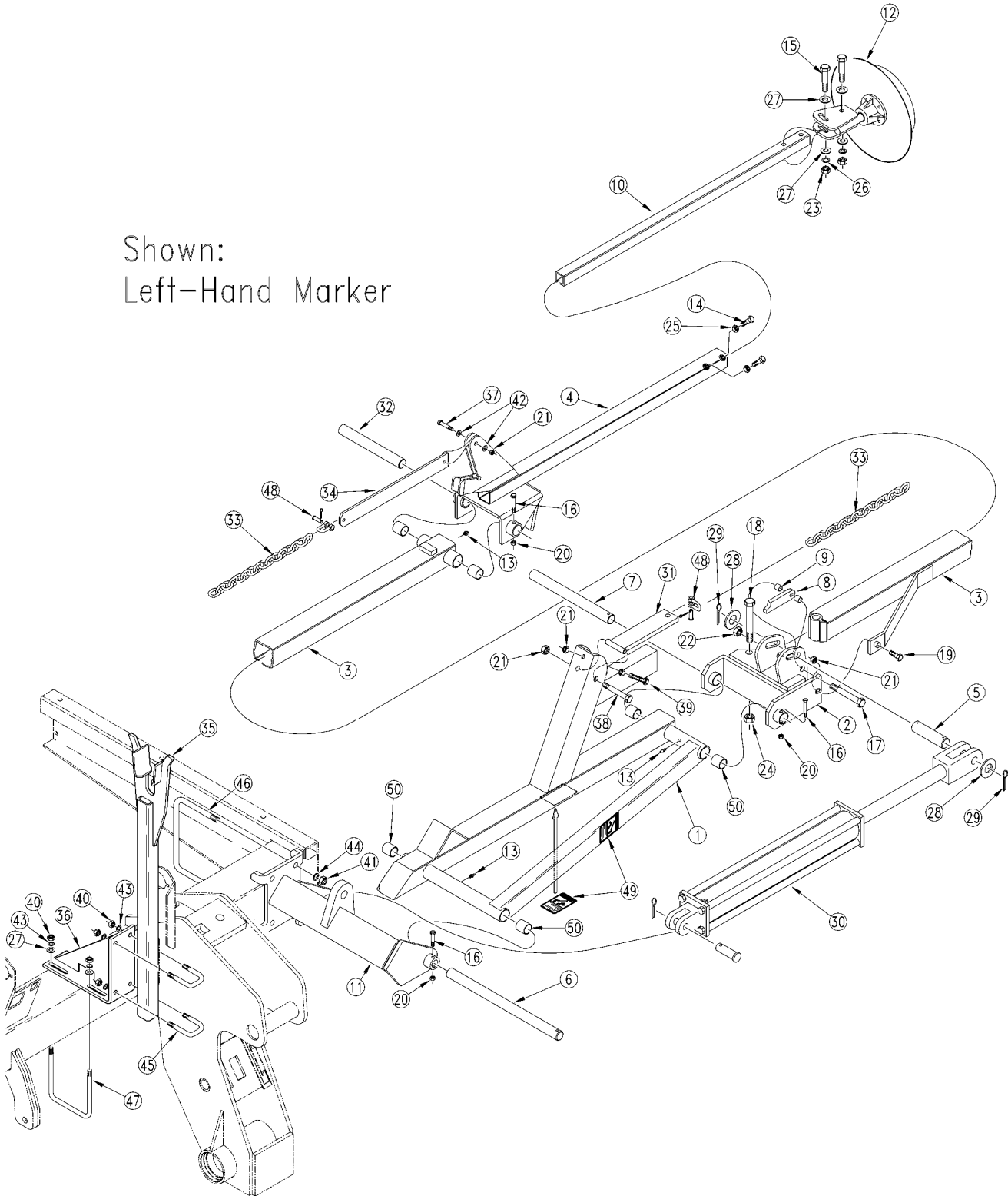
(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15480	Image No.		
1.	818-369C	DECAL 3PT,2&3SEC SEEDRATE 1OF2	2003 and below	
2.	818-370C	DECAL 3PT,2&3SEC SEEDRATE 2OF2	2003 and below	
3.	818-024C	DECAL INSPECTION		
4.	818-415C	DECAL GP W/ LOGO AND STRIPE	(NOT SHOWN) 1999 and below	
5.	818-751C	DECAL CAUTION TIRE 32 PSI	Used with Rib Implement Tires	
5.	838-092C	DECAL CAUTION TIRE 60PSI/85FT	Used with Skid Steer Tires	
6.	818-003C	DECAL SLOW MOVING VEHICLE		
7.	838-160C	DECAL 3 COLOR STRIPE 2.50 WIDE	2000 and above	Rev. 2 is not interchangeable w/ rev. 1
7.	818-414C	DECAL W/ 4 COLOR STRIPE	1999 and below	1st rev.
8.	838-204C	DECAL 3S-3000	2000 and above	Rev. 2 is not interchangeable w/ rev. 1
8.	818-650C	DECAL SOLID STAND 3000-3S	1999 and below	1st rev.
9.	838-229C	DECAL GREAT PLAINS ON LOGO LRG	2000 and above	Rev. 2 is not interchangeable w/ rev. 1
9.	818-598C	DECAL GP LOGO - LARGE	1999 and below	1st rev.
10.	818-229C	DECAL AMBER REFLECTOR		
11.	818-230C	DECAL RED REFLECTOR		
12.	838-161C	DECAL LOGO&GP F/STRIPE 4 X 24	2000 and above	Rev. 2 is not interchangeable w/ rev. 1
12.	818-412C	DECAL GREAT PLAINS W/ LOGO	1999 and below	1st rev.
13.	818-349C	DECAL GREASE 10 HRS LH		
14.	818-402C	DECAL GREASE 10 HRS RH		
15.	818-257C	DECAL TRANSPORT LOCK ROAD		
16.	818-258C	DECAL TRANSPORT LOCK FIELD		
17.	818-660C	DECAL TRANSPORT LOCK WARNING		
18.	818-398C	DECAL CAUTION TIRES NOT A STEP		
19.	818-337C	DECAL WARNING 20 MPH TRANS SML		
20.	818-078C	DECAL CAUTION FP-HC-MF-24&30		
21.	818-557C	DECAL DANGER CANNOT READ ENG		
22.	818-019C	DECAL WARNING NEG TONGUE WT		
23.	818-339C	DECAL WARNING HIGH PRESSUR SML		
24.	818-045C	DECAL WARNING PINCH PT/CRUSH		
25.	818-295C	DECAL LETTER E	No longer availabel. Order part no. 838-237C	
26.	838-237C	DECAL SEED LEVEL LH		Rev. 2 is not interchangeable w/ rev. 1
26.	818-392C	DECAL SEED LEVEL, NOTCHED		1st rev.
27.	818-296C	DECAL LETTER F	No longer available. Order part no. 838-237C	
28.	818-715C	DECAL FERTILIZER RATE		
29.	818-716C	DECAL FERTILIZER CHAIN ROUTE		
30.	818-752C	DECAL CAUTION TIRE 52 PSI	Used with Rib Implement Tires	
31.	818-710C	DECAL WING SECTIONS		
31.	818-662C	DECAL RIGHT SECTION	Used on point row	
31.	818-663C	DECAL LEFT SECTION	Used on point row	
32.	818-664C	DECAL CENTER SECTION		
33.	818-708C	DECAL DRIVE TYPE&CHAIN ROUTING		
34.	838-169C	DECAL SCRIPT SOLID STAND LARGE	2000 and above	
35.	838-265C	DECAL REFLECTOR AMBER 1 1/2X9	2001 and above	
36.	838-266C	DECAL REFLECTOR RED 1 1/2X9	2001 and above	
37.	838-267C	DECAL REFLECTR DAYTIME 1 1/2X9	2001 and above	
38.	838-102C	DECAL DANGER FALLING HAZZARD		
39.	838-482C	DECAL GP PLANTING COMPONENTS	2004 and above	

Flat Fold Marker

(Applies to 3S-3000, 3S-3000F only)

Shown:
Left-Hand Marker



15482

Flat Fold Marker

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15482	Image No.		
1.	113-180H	LH FIRST SECTION	Shown	
1.	113-188H	RH FIRST SECTION		
2.	113-181H	LIFT LUG CHANNEL LH	Shown	
2.	113-189H	LIFT LUG CHANNEL RH		
3.	113-182H	2ND SECTION	Shown	
3.	113-190H	RPBY 113-182H		
4.	113-183H	30' F.F. MKR. 3RD. SECTION		
5.	113-248D	PIN 1 OD X 4.41 USABLE		
6.	113-312D	FIRST PIVOT SHAFT		
7.	113-313D	SECOND PIVOT SHAFT		
8.	113-324D	CYLINDER STOP		
9.	113-325D	STOP BUSHING		
10.	113-351D	MARKER TUBE 42 LG		
11.	113-558H	MARKER, L.H. MOUNT 96	Shown	
11.	113-559H	MARKER, R.H. MOUNT 96		
12.	113-563S	MARKER DISC & HUB ASSEMBLY	Refer to "Marker Disk And Hub (113-563S)" for breakdown.	
13.	800-001C	GREASE ZERK STRAIGHT 1/4-28		
14.	801-054C	SCREW SET SQ HD 1/2-13X1 GR5		
15.	802-039C	HHCS 1/2-13X3 GR5		
16.	802-115C	HHCS 5/16-18X2 GR5		
17.	802-249C	HHCS 1/2-13X4 1/2 GR5 SPTHD		
18.	802-254C	HHCS 5/8-11X5 1/2 GR5		
19.	802-266C	HHCS 3/8-16X2 GR2		
20.	803-011C	NUT LOCK 5/16-18 PLT		
21.	803-013C	NUT LOCK 3/8-16 PLT		
22.	803-019C	NUT LOCK 1/2-13 PLT		
23.	803-020C	NUT HEX 1/2-13 PLT		
24.	803-024C	NUT LOCK 5/8-11 PLT		
25.	803-036C	NUT HEX JAM 1/2-13 PLT		
26.	804-015C	WASHER LOCK SPRING 1/2 PLT		
27.	804-017C	WASHER FLAT 1/2 USS PLT		
28.	804-029C	WASHER FLAT 1 SAE		
29.	805-058C	PIN COTTER 3/16 X 2		
30.	810-118C	CYL 2.5X20X1.12 ROD (TIE)1 PIN	Refer to "Midway Hydraulic Cylinder 2.5 x 20 x 1.12 (810-118C)", "Cross Hydraulic Cylinder 2.5 x 20 x 1.12 (810-118C)" & "Monarch Hydraulic Cylinder 2.5 x 20 x 1.12 (810-118C)" for breakdown.	
31.	113-200H	CHAIN BAR WELDMENT		
32.	113-311D	HINGE PIN		
33.	113-319D	CHAIN COIL 1/4 HIGH TEST 61 IN		
34.	113-323D	CHAIN BAR		
35.	113-560H	MARKER CARRIER		
36.	113-568H	MARKER TRANSPORT MOUNT		
37.	802-022C	HHCS 3/8-16X1 1/2 GR5		
38.	802-168C	HHCS 3/8-16X3 1/4 GR5		
39.	802-261C	HHCS 3/8-16X2 1/2 GR5 FTHD		
40.	803-020C	NUT HEX 1/2-13 PLT		
41.	803-021C	NUT HEX 5/8-11 PLT		
42.	804-011C	WASHER FLAT 3/8 USS PLT		
43.	804-015C	WASHER LOCK SPRING 1/2 PLT		
44.	804-022C	WASHER LOCK SPRING 5/8 PLT		
45.	806-005C	U-BOLT 1/2-13 X 2 X 3 GR 5		
46.	806-039C	U-BOLT 5/8-11 X 6 1/32 X 7 3/4		
47.	806-060C	U-BOLT 1/2-13 X 6 1/32 X 7 1/4		

Flat Fold Marker (continued)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
48.	890-018C	5/16 X 1 1/4 UTILITY CLEVIS		
49.	818-682C	DECAL WARNING PINCH/CRUSH MRKR		
50.	890-005C	BUSHING CYL 1 1/4 X 1 X 1		

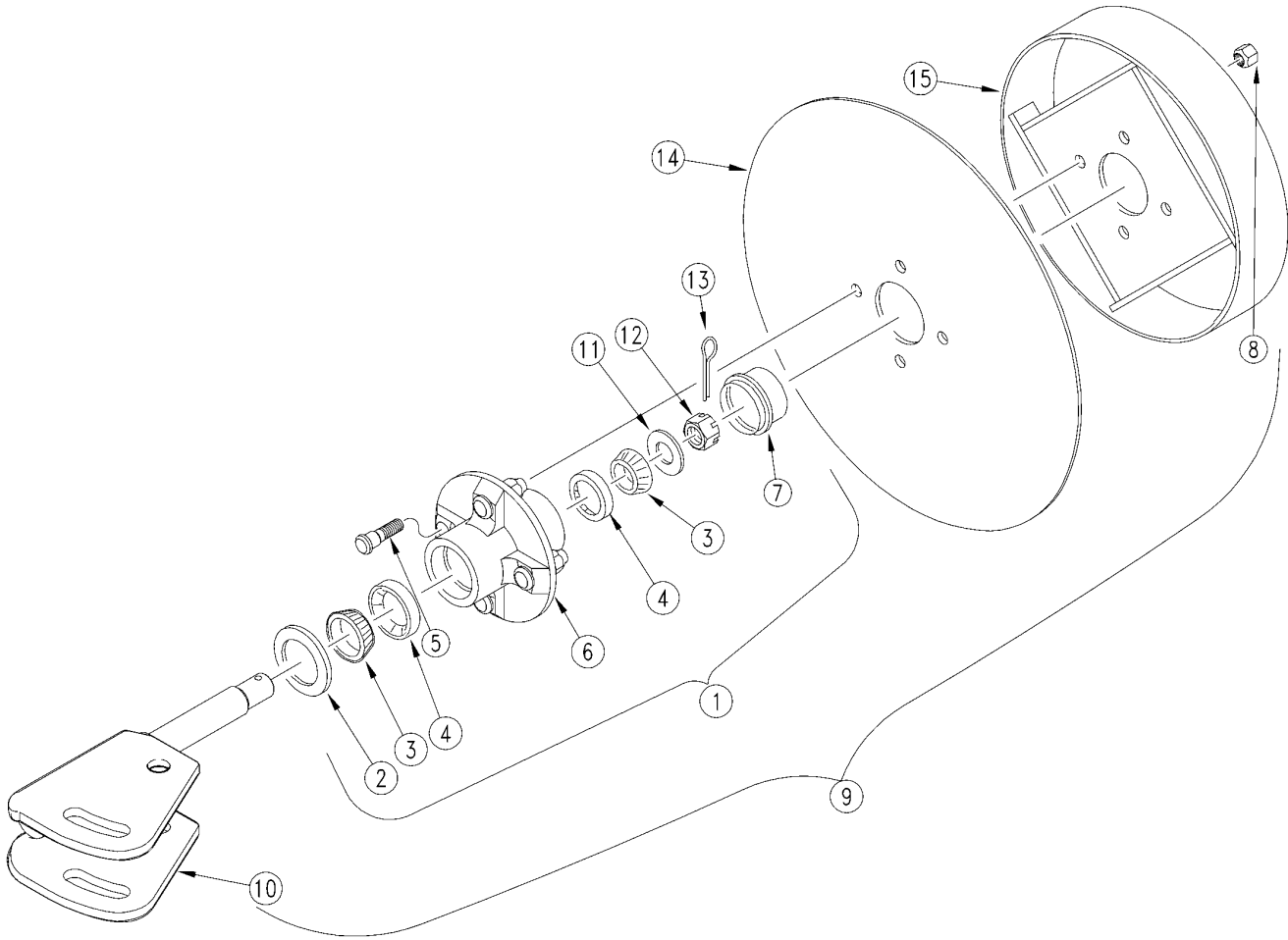
Flat Fold Marker (continued)

(Applies to 3S-3000, 3S-3000F only)

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Marker Disk And Hub (113-563S)

(Applies to 3S-3000, 3S-3000F only)



15481

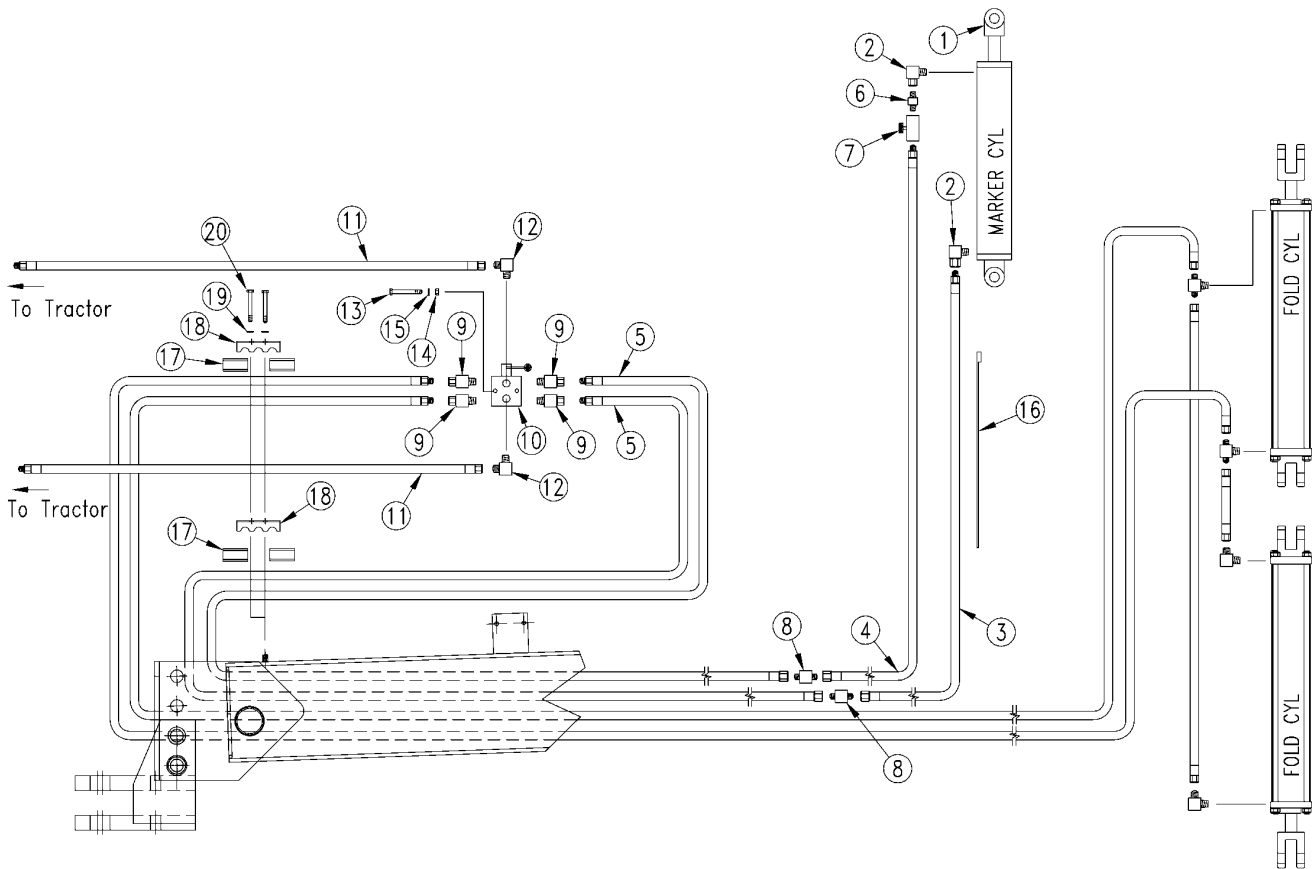
Marker Disk And Hub (113-563S)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15481	Image No.		
1.	815-001C	TINE GW HUB	Includes items 2 through 7.	
2.	816-014C	TINE GAUGE WHEEL HUB SEAL		
3.	822-030C	BRG CONE 1.00ID L44643		
4.	822-080C	BRG CUP 1.98OD L44610		
5.	B0-47	NEILSON STUD 1/2-20UNFX1 13/16		2nd rev.
5.	802-125C	RPBY B0-47		1st rev.
6.	1-100-02-00	RELIABLE HUB 4 BOLT		
7.	890-614C	GREASE CAP #1505		2nd rev.
7.	890-068C	RPBY 890-614C		1st rev.
8.	803-159C	NUT LUG 1/2-20X60DEG PLT(.75AF		
9.	113-563S	MARKER DISC & HUB ASSEMBLY	Includes item 1 and items 10 through 15	
10.	113-562H	1 SPINDLE MARKER WELDMENT		
11.	804-025C	WASHER FLAT 3/4 SAE PLT		
12.	803-053C	NUT HEX SLOTTED 3/4-16		
13.	805-019C	PIN COTTER 5/32 X 1 PLT		
14.	820-094C	16 4-BOLT NOTCHED MARKER DISK		2nd rev.
14.	820-098C	14 4-BOLT MARKER DISK		1st rev.
15.	113-369H	DEPTH BAND 10 4-BOLT 4B.C.		

Single Marker Hydraulics

(Applies to 3S-3000, 3S-3000F only)



15483

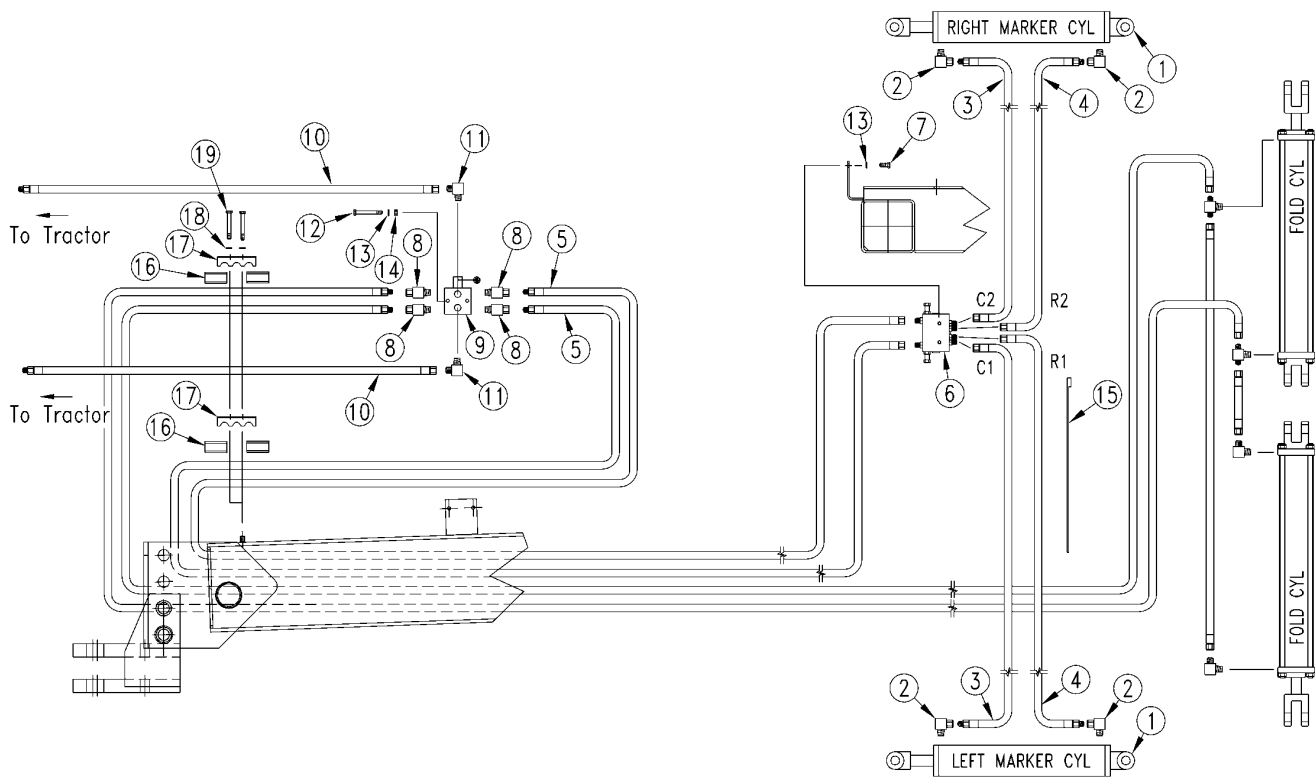
Single Marker Hydraulics

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15483	Image No.		
1.	810-118C	CYL 2.5X20X1.12 ROD (TIE)1 PIN	Refer to "Midway Hydraulic Cylinder 2.5 x 20 x 1.12 (810-118C)", "Cross Hydraulic Cylinder 2.5 x 20 x 1.12 (810-118C)" & "Monarch Hydraulic Cylinder 2.5 x 20 x 1.12 (810-118C)" for breakdown.	
2.	811-281C	EL 3/8FNPT 9/16MORB		
3.	811-035C	HH1/4R1 252 9/16FJIC 3/8MNPT		
4.	811-293C	HH1/4R1 272 3/8MNPT 9/16FJIC		
5.	811-580C	HH1/4R1 348 1/2MNPT 9/16FJIC		
6.	811-044C	AD 3/8MNPT		
7.	810-058C	VALVE 3/8 NEEDLE		
8.	811-315C	AD 9/16MJIC		
9.	811-021C	AD 1/2FNPTS 3/4MORB		
10.	810-274C	DOUBLE SELECTOR VALVE 3/4FORB	Refer to "Double Selector Valve (810-274C)" for breakdown.	
11.	811-579C	HH3/8R1 096 1/2MNPT 9/16FJIC		
12.	811-171C	EL 3/4MORB 9/16MJIC		
13.	802-168C	HHCS 3/8-16X3 1/4 GR5		
14.	803-014C	NUT HEX 3/8-16 PLT		
15.	804-013C	WASHER LOCK SPRING 3/8 PLT		
16.	800-082C	CABLE TIE .31X21.5 6DIA 120LB		
17.	113-370D	1/4 MARKER HYD HOSE GUARD		
18.	196-112D	RPBY 196-146D		
19.	804-009C	WASHER LOCK SPRING 5/16 PLT		
20.	802-138C	HHCS 5/16-18X2 1/4 GR5		

Dual Markers Hydraulics

(Applies to 3S-3000, 3S-3000F only)



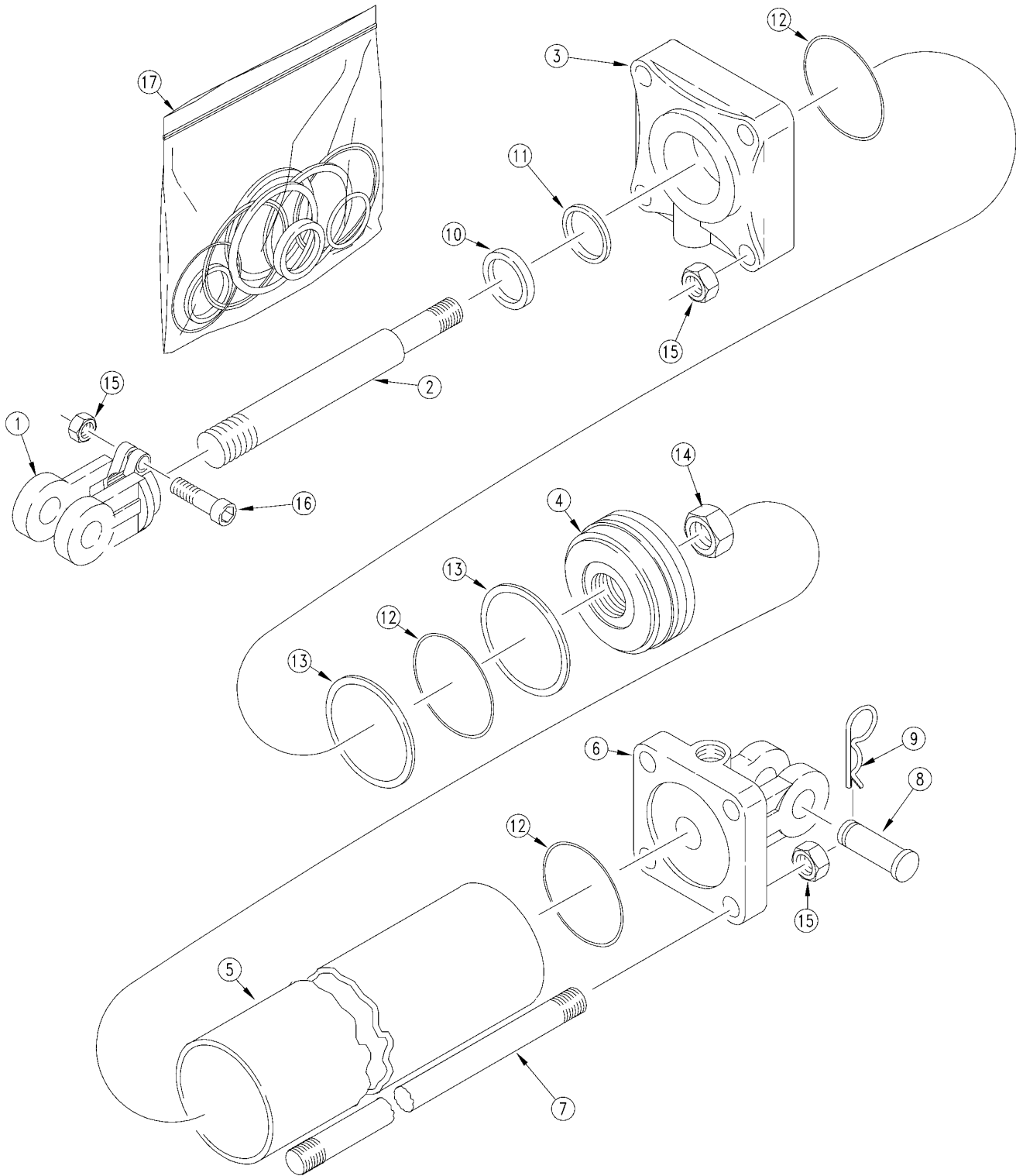
15484

Dual Markers Hydraulics**(Applies to 3S-3000, 3S-3000F only)**

Ref	Part No.	Part Description	Comments	Revision
	dwg15484	Image No.		
1.	810-118C	CYL 2.5X20X1.12 ROD (TIE)1 PIN	Refer to "Midway Hydraulic Cylinder 2.5 x 20 x 1.12 (810-118C)", "Cross Hydraulic Cylinder 2.5 x 20 x 1.12 (810-118C)" & "Monarch Hydraulic Cylinder 2.5 x 20 x 1.12 (810-118C)" for breakdown.	
2.	811-281C	EL 3/8FNPT 9/16MORB		
3.	811-035C	HH1/4R1 252 9/16FJIC 3/8MNPT		
4.	811-293C	HH1/4R1 272 3/8MNPT 9/16FJIC		
5.	811-580C	HH1/4R1 348 1/2MNPT 9/16FJIC		
6.	810-197C	VALVE,SEQUENCE SHOEMAKER	Refer to "Sequence Valve (810-197C)" for breakdown.	
7.	802-014C	HHCS 3/8-16X3/4 GR5		
8.	811-021C	AD 1/2FNPTS 3/4MORB		
9.	810-274C	DOUBLE SELECTOR VALVE 3/4FORB	Refer to "Double Selector Valve (810-274C)" for breakdown.	
10.	811-579C	HH3/8R1 096 1/2MNPT 9/16FJIC		
11.	811-171C	EL 3/4MORB 9/16MJIC		
12.	802-168C	HHCS 3/8-16X3 1/4 GR5		
13.	804-013C	WASHER LOCK SPRING 3/8 PLT		
14.	803-014C	NUT HEX 3/8-16 PLT		
15.	800-082C	CABLE TIE .31X21.5 6DIA 120LB		
16.	113-370D	1/4 MARKER HYD HOSE GUARD		
17.	196-112D	RPBY 196-146D		
18.	804-009C	WASHER LOCK SPRING 5/16 PLT		
19.	802-138C	HHCS 5/16-18X2 1/4 GR5		

Midway Hydraulic Cylinder 2.5 x 20 x 1.12 (810-118C)

(Applies to 3S-3000, 3S-3000F only)



15705

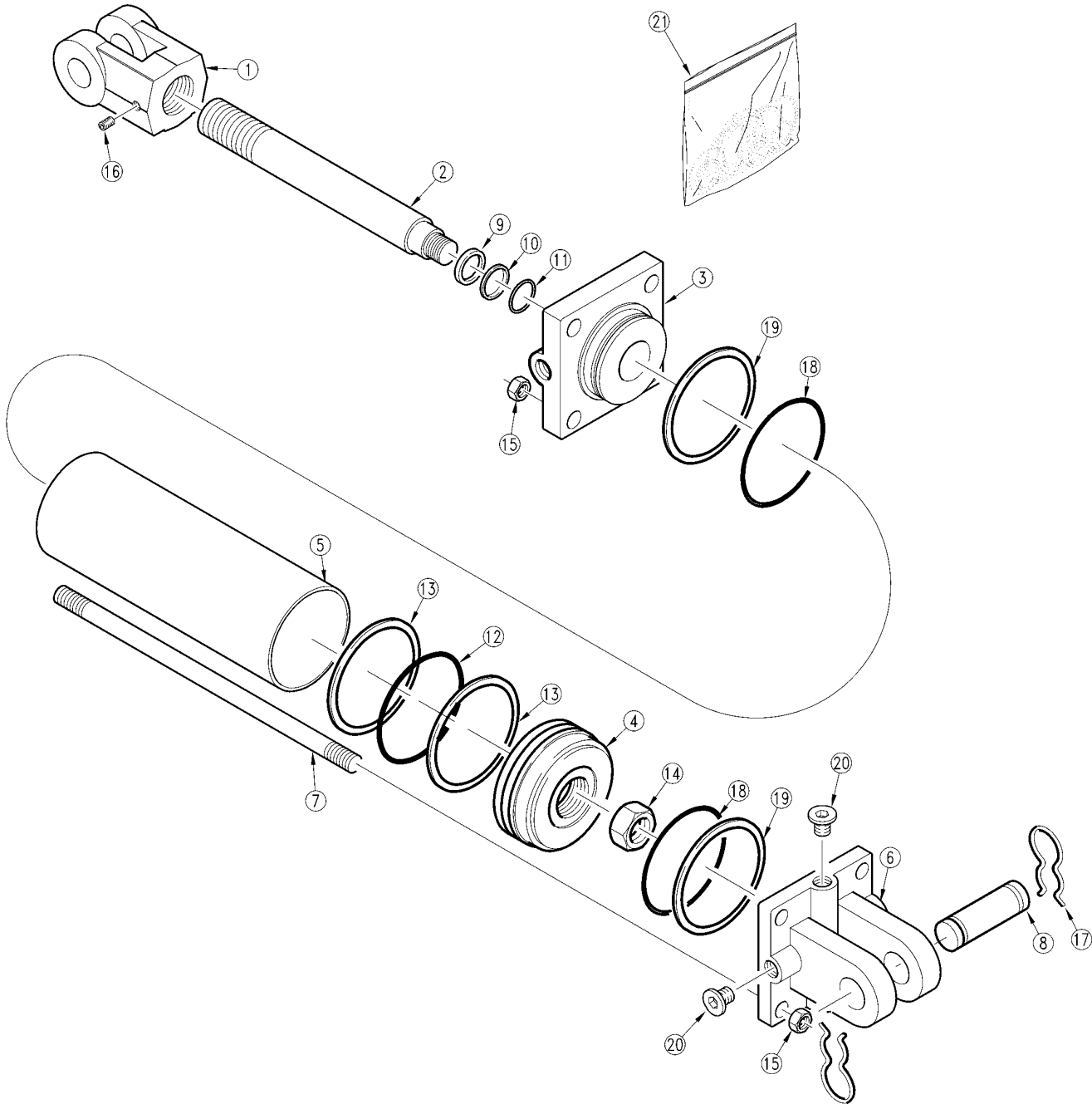
Midway Hydraulic Cylinder 2.5 x 20 x 1.12 (810-118C)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15705	Image No.		
1.	1M6006	MW ROD CLEVIS		
2.	2M3326	MW ROD		
3.	3R0310	MW HEAD		
4.	4M3102	RPBY 4M3108		
5.	5M3128	MW TUBE 2-1/2 X 20 CYLINDER		
6.	6R0158	BASE MIDWAY		
7.	7M3328	MIDWAY TIE ROD		
8.	2A0206	MW PIN SHORT		
9.	2A0132	MW PIN CLIP		
10.		MW WIPER	Only found in seal kit 17	
11.		MW U-CUP	Only found in seal kit 17	
12.		MW O-RING	Only found in seal kit 17	
13.		MW BACKUP	Only found in seal kit 17	
14.	2A0022	RPBY 803-114C		
15.	2A0012	RPBY 803-234C		
16.	2A0006	RPBY 802-023C		
17.	810-210C	SEAL KIT MW 2.5 CYL 3A3102		

Monarch Hydraulic Cylinder 2.5 x 20 x 1.12 (810-118C)

(Applies to 3S-3000, 3S-3000F only)



15713

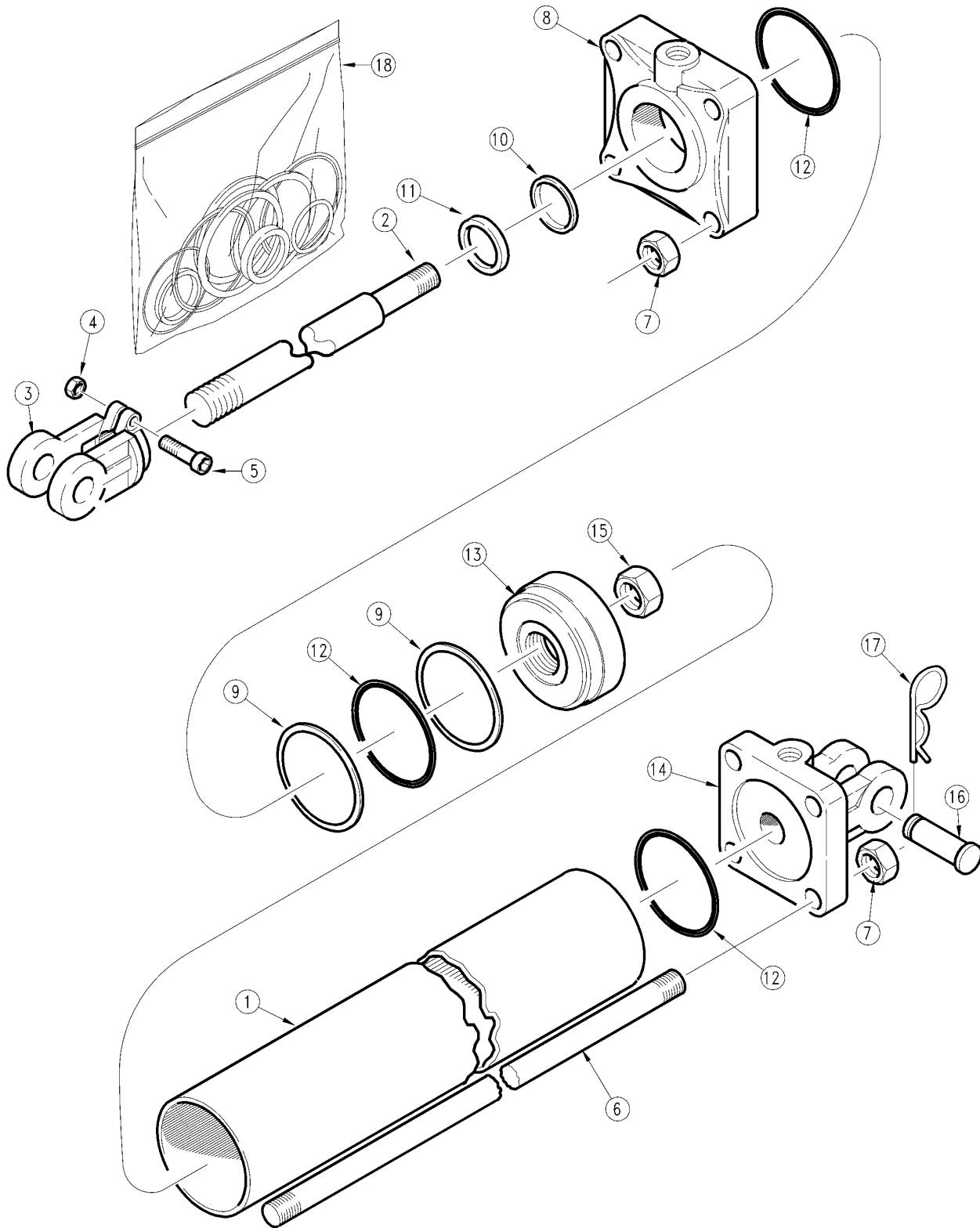
Monarch Hydraulic Cylinder 2.5 x 20 x 1.12 (810-118C)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15713	Image No.		
1.	492650	LION ROD CLEVIS 1 1/8-12UNF		
2.	492643	LION ROD 1.25 X 20		
3.	492724	LION ROD CAP 2.5X1.25 9/16 ORB		
4.	492529	LION PISTON		
5.	491680	LION CYL. TUBE 2.5X20 H6080		
6.	492371	LION CLEVIS CAP 2.5		
7.	492230	LION TIE ROD 3/8X20 H6630 RIO		
8.	134953	LION PIN		
9.		WIPER SEAL	Only found in seal kit 21	
10.		O-RING	Only found in seal kit 21	
11.		BACKUP RING	Only found in seal kit 21	
12.		O-RING	Only found in seal kit 21	
13.		BACKUP RING	Only found in seal kit 21	
14.	129090	LION NUT 3/4UNC		
15.	803-014C	NUT HEX 3/8-16 PLT		
16.	801-023C	SCREW SET SH 3/8-16X3/8 TYPE C		
17.	134952	LION PIN CLIP-CLEVIS		
18.		O-RING	Only found in seal kit 21	
19.		BACKUP RING	Only found in seal kit 21	
20.	186561	LION PLUG		
21.	810-254C	SEAL KIT LN 639574 2.5BX1.25RD		

Cross Hydraulic Cylinder 2.5 x 20 x 1.12 (810-118C)

(Applies to 3S-3000, 3S-3000F only)



15704

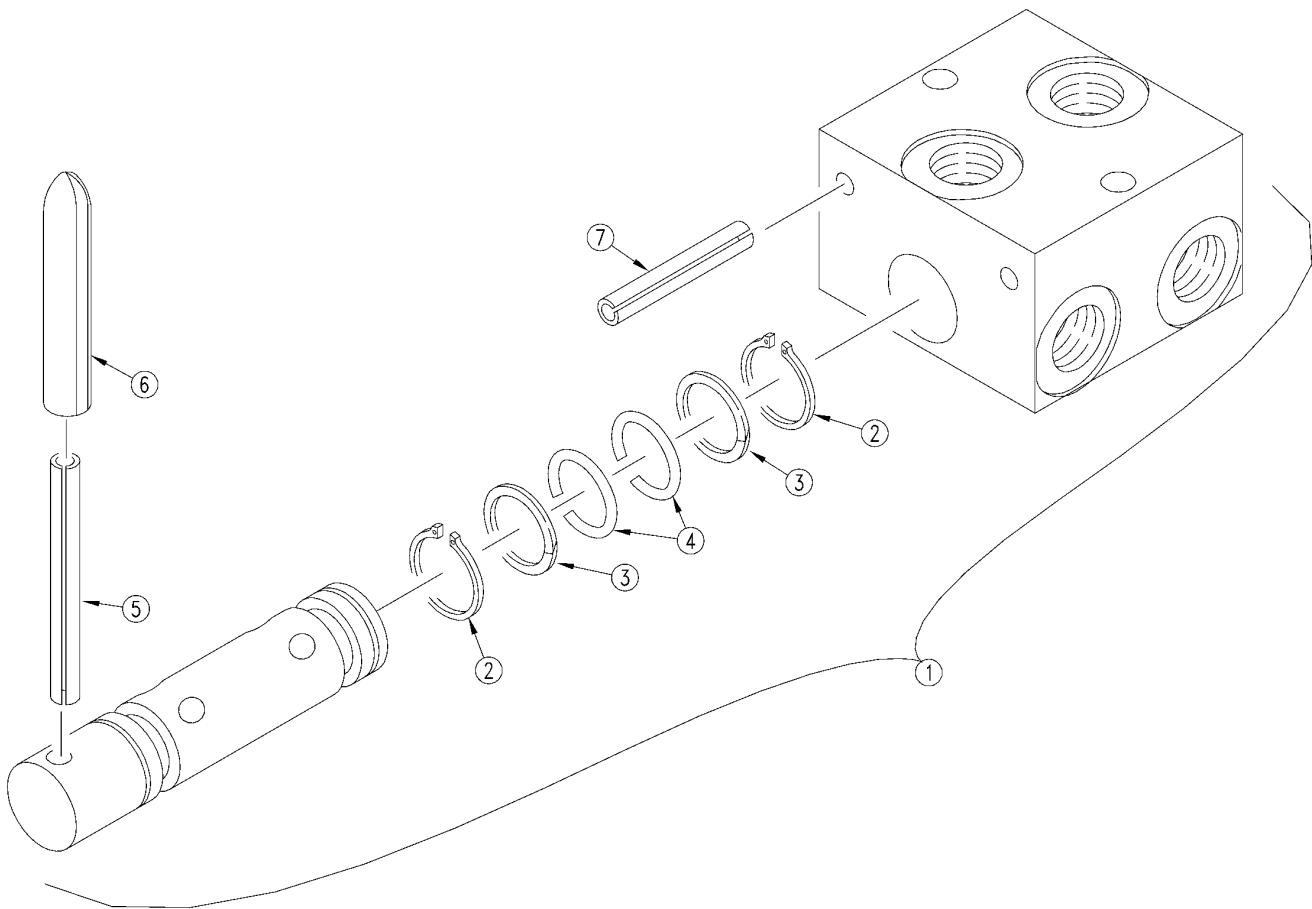
Cross Hydraulic Cylinder 2.5 x 20 x 1.12 (810-118C)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15704	Image No.		
1.	1D0005-2250	CROSS TUBE		
2.	1D0204-2475	CROSS ROD		
3.	1D1003-4	CROSS ROD CLEVIS		
4.	2A0235-6	CROSS NUT, CLEVIS & TIE ROD		
5.	2A0079-616	CROSS SCREW, CAP		
6.	2A0578-2475	CROSS TIE ROD		
7.	2A0235-6	CROSS NUT, CLEVIS & TIE ROD		
8.	1D1155-13	CROSS HEAD		
9.		BACKUP PISTON	Only found in seal kit item 18	
10.		U-CUP	Only found in seal kit item 18	
11.		ROD WIPER	Only found in seal kit item 18	
12.		O-RING PISTON	Only found in seal kit item 18	
13.	1D1401-250	CROSS PISTON		
14.	4C2024	CROSS BASE		
15.	2A0246-12	CROSS NUT, PISTON		
16.	1D1582-16275	CROSS PIN, CLEVIS (BASE END)		
17.	2A0308-1	RPBY 805-032C		
18.	810-119C	RPBY 810-210C		

Double Selector Valve (810-274C)

(Applies to 3S-3000, 3S-3000F only)



14927

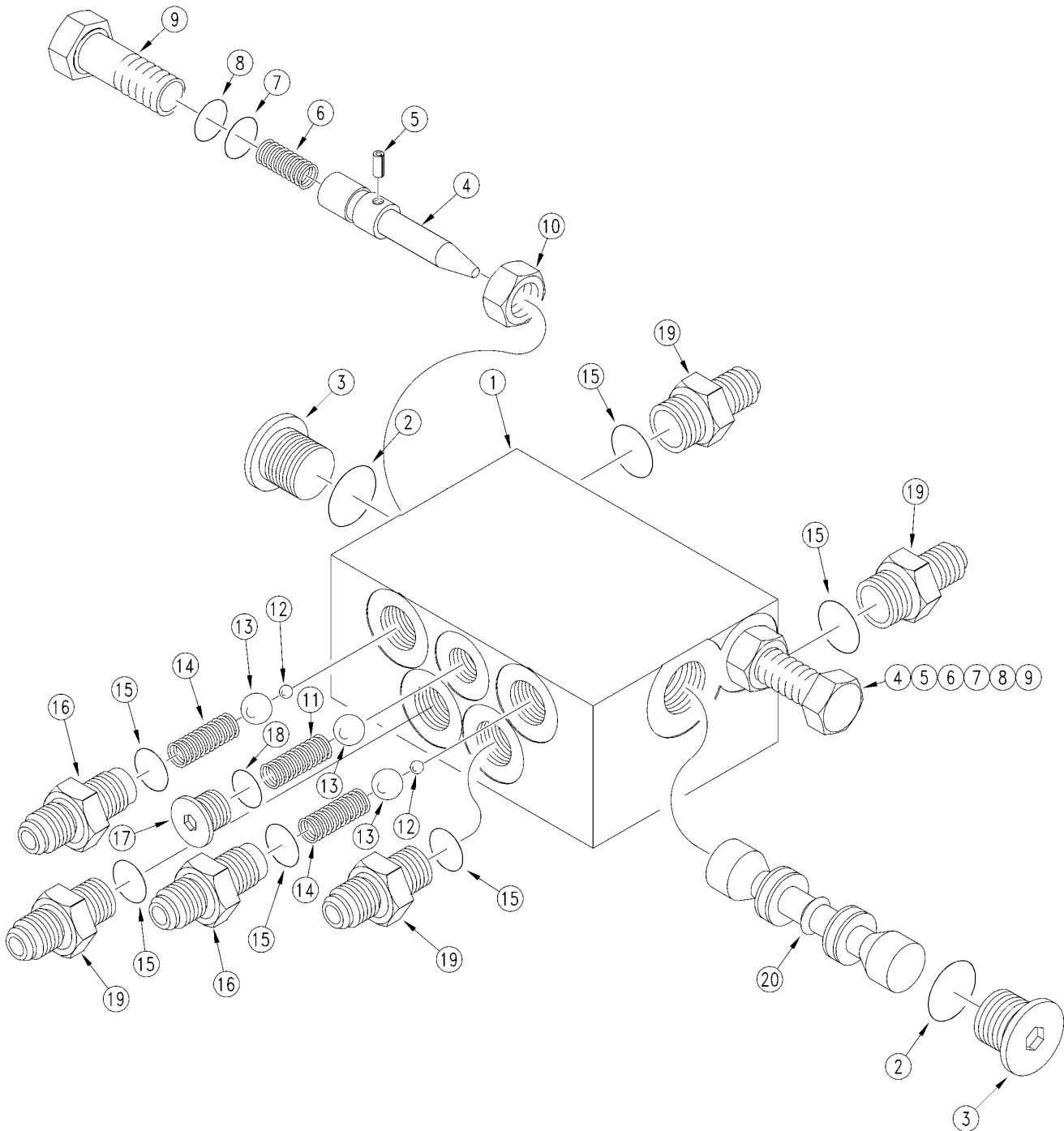
Double Selector Valve (810-274C)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg14927	Image No.		
1.	810-274C	DOUBLE SELECTOR VALVE 3/4FORB		
2.	1079	RPBY SEAL KIT		
3.	1089-210	RPBY SEAL KIT 810-458C		
4.	1088-210	SHOEMAKER O-RING BUNA N 70DURO		
5.	1285	SH GROOVE PIN		
6.	817-255C	BLACK VINYL GRIP		
7.	1084	SH PIN, SPRING 0.25 DIAMETER		

Sequence Valve (810-197C)

(Applies to 3S-3000, 3S-3000F only)



12024

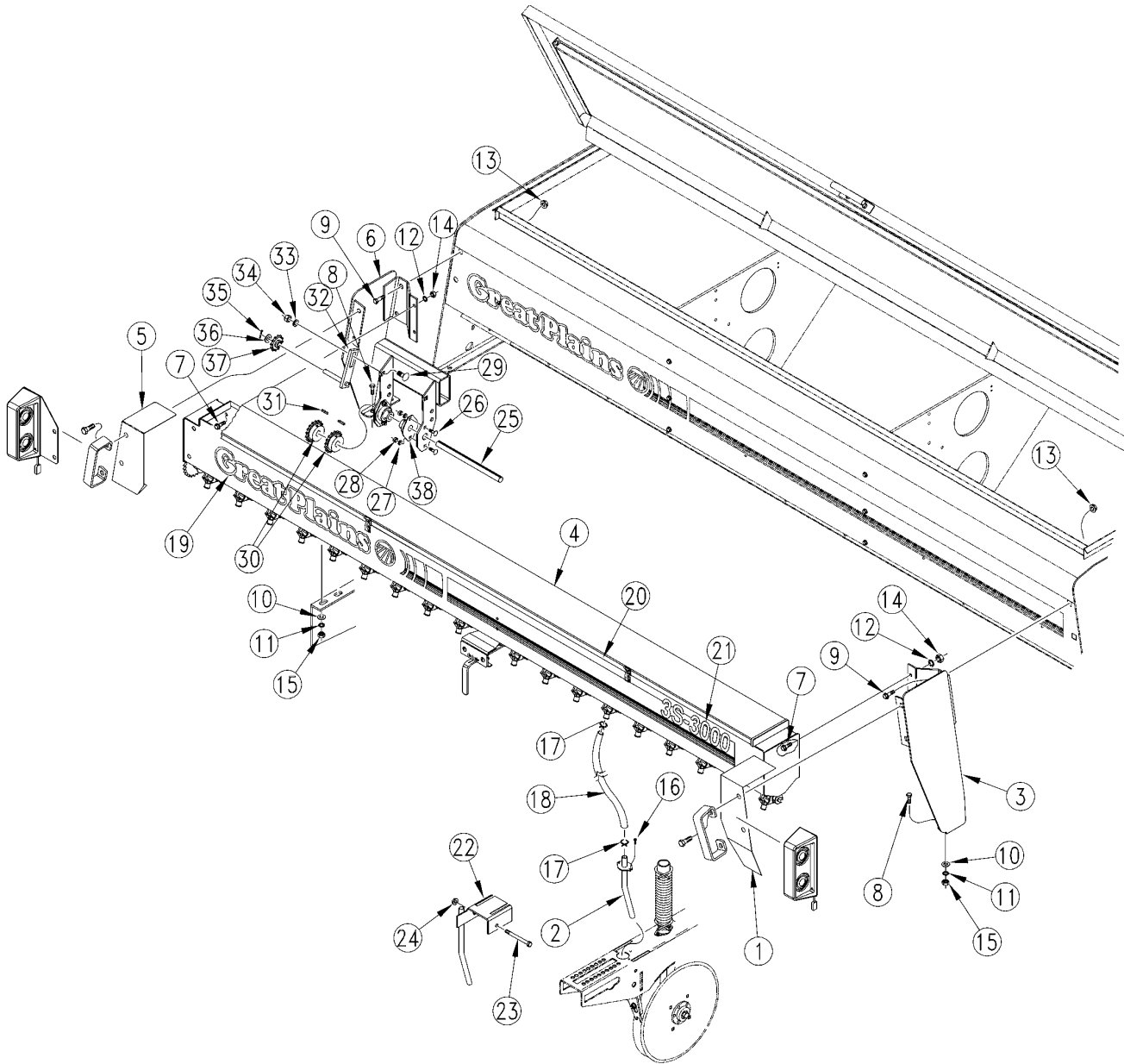
Sequence Valve (810-197C)

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg12024	Image No.		
1.	3089	SHOEMAKER BODY MKR SEQ VALVE		
2.	1088-908	SHOEMAKER O-RING		
3.	1132-08	SHOEMAKER PLUG, HEX SOCKET		
4.	1179	SHOEMAKER NEEDLE, FLOW CONTROL		
5.	1217	SHOEMAKER .125 SPRING PIN		
6.	1211	SHOEMAKER SPRING COMPRESSION		
7.	1088-011	RPBY 1100-011		
8.	1089-011	RPBY SEAL KIT		
9.	1180	SHOEMAKER SCREW, FLOW CON. ADJ.		
10.	1218	SHOEMAKER HEX, JAM NUT Z PLTD.		
11.	1099	RPBY SEAL KIT		
12.	1087-250	RPBY SEAL KIT		
13.	1087-437	RPBY SEAL KIT		
14.	1042	RPBY SEAL KIT		
15.	1088-906	SHOEMAKER O-RING		
16.	1182	SHOEMAKER FITTING PORT ADPT.		
17.	1132-05	SHOEMAKER HEX, SKT O-RING PLUG		
18.	1088-905	SHOEMAKER O-RING		
19.	1092-6	RPBY 1092-6-6		
20.	2153	SHOEMAKER SPOOL, MKR SEQ. .055		
	810-456C	SEAL KIT SHOEMAKER #1223		

Small Seeds Box To Frame

(Applies to 3S-3000, 3S-3000F only)



20095

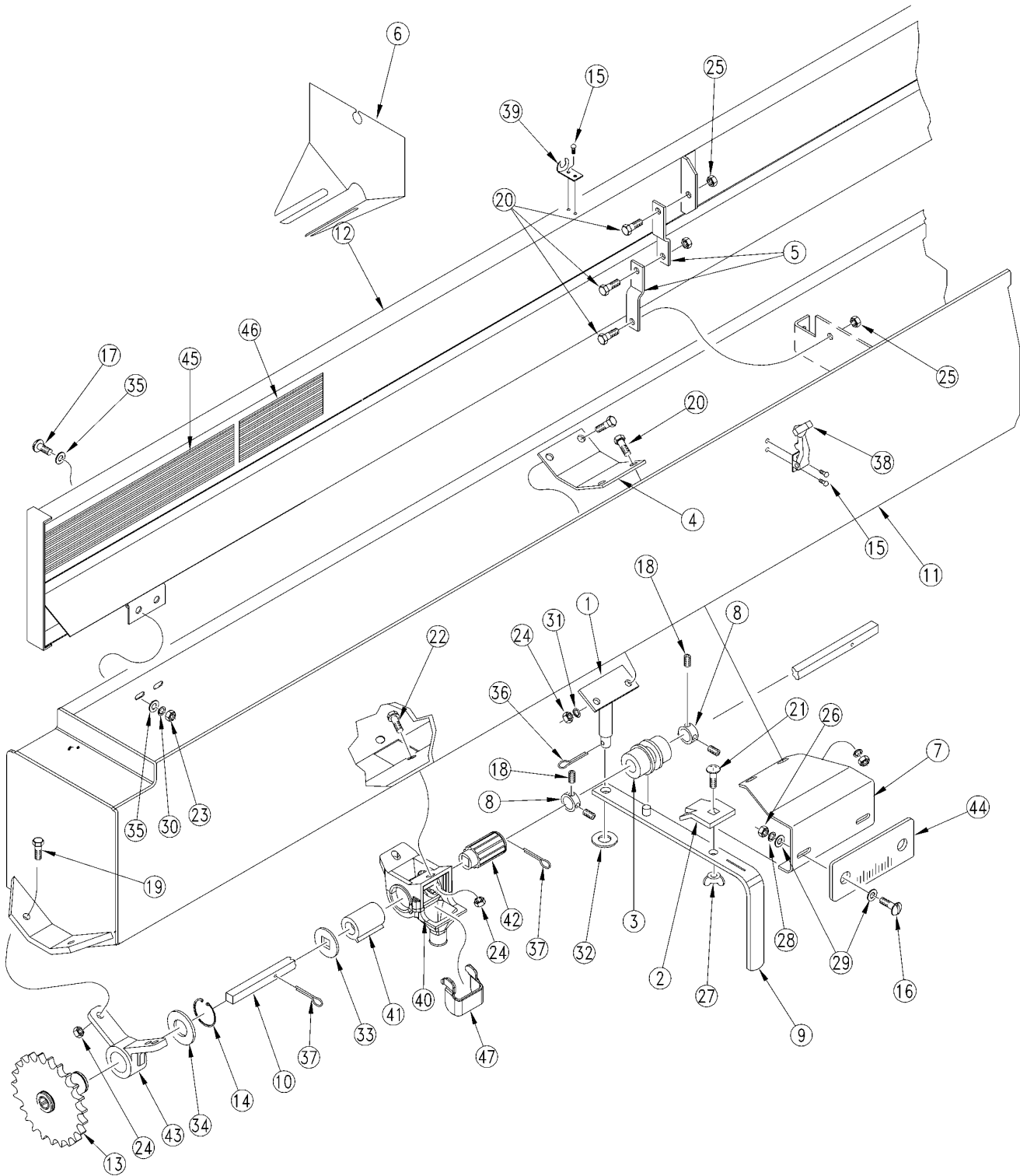
Small Seeds Box To Frame

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg20095	Image No.		
1.	123-492D	HANDLE MOUNT RH CHAIN GUARD		
2.	123-939H	SMALL SEEDS TUBE WELDMENT	With out fertilizer only	
3.	133-160H	SML SDS RH MOUNT WLDM		
4.	133-206K	3000 SML SDS BOX ASSY 10		
4.	133-207K	3000 SML SDS BOX ASSY 7.5		
4.	133-208K	3000 SML SDS BOX ASSY 6		
5.	123-491D	HANDLE MOUNT LH CHAIN GUARD		
6.	133-159H	SML SDS LH MOUNT WLDM W/ DRIVE		
7.	802-388C	HFS 3/8-16X1 GR5		
8.	802-258C	HHCS 1/2-13X1 GR5		
9.	802-034C	HHCS 1/2-13X1 1/4 GR5		
10.	804-016C	WASHER FLAT 1/2 SAE PLT		
11.	804-015C	WASHER LOCK SPRING 1/2 PLT		
12.	804-013C	WASHER LOCK SPRING 3/8 PLT		
13.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
14.	803-014C	NUT HEX 3/8-16 PLT		
15.	803-020C	NUT HEX 1/2-13 PLT		
16.	801-002C	SCREW HEX SLT10-16X1/2P.THD CT	With out fertilizer only	
17.	800-321C	HOSE CLAMP NO.12 3/4 ID		
18.	816-358C	SGS HOSE 122 RIBS		
19.	838-161C	DECAL LOGO&GP F/STRIPE 4 X 24		
20.	838-160C	DECAL 3 COLOR STRIPE 2.50 WIDE		
21.	838-204C	DECAL 3S-3000		
22.	133-128H	SGS SIDE DELIVERY TUBE	With fertilizer only	
23.	802-427C	HFS 3/8-16X3 3/4 SPTH	With fertilizer only	
24.	803-209C	NUT FLANGE LOCK 3/8-16 PLT	With fertilizer only	
25.	133-024D	RND SHAFT 3/4 X 11 W/KW		
26.	802-282C	RHSNB 5/16-18X1 GR5		
27.	804-009C	WASHER LOCK SPRING 5/16 PLT		
28.	803-008C	NUT HEX 5/16-18 PLT		
29.	802-214C	RHSNB 1/2-13X1 1/4 GR5		
30.	808-170C	SPKT 40B17 X 3/4BORE W/KW&SS		
31.	168-127D	3/16 X 1 KEY		
32.	123-832H	SLOTTED IDLER ARM 1/2 X 3 5/16		
33.	804-015C	WASHER LOCK SPRING 1/2 PLT		
34.	803-020C	NUT HEX 1/2-13 PLT		
35.	805-067C	PIN COTTER 1/8 X 3/4		
36.	804-016C	WASHER FLAT 1/2 SAE PLT		
37.	817-025C	NO. 40 12T IDLER SPKT.		
38.	822-126C	BRG FLG .75ID 2BOLT		

Small Seeds Box Components

(Applies to 3S-3000, 3S-3000F only)



20107

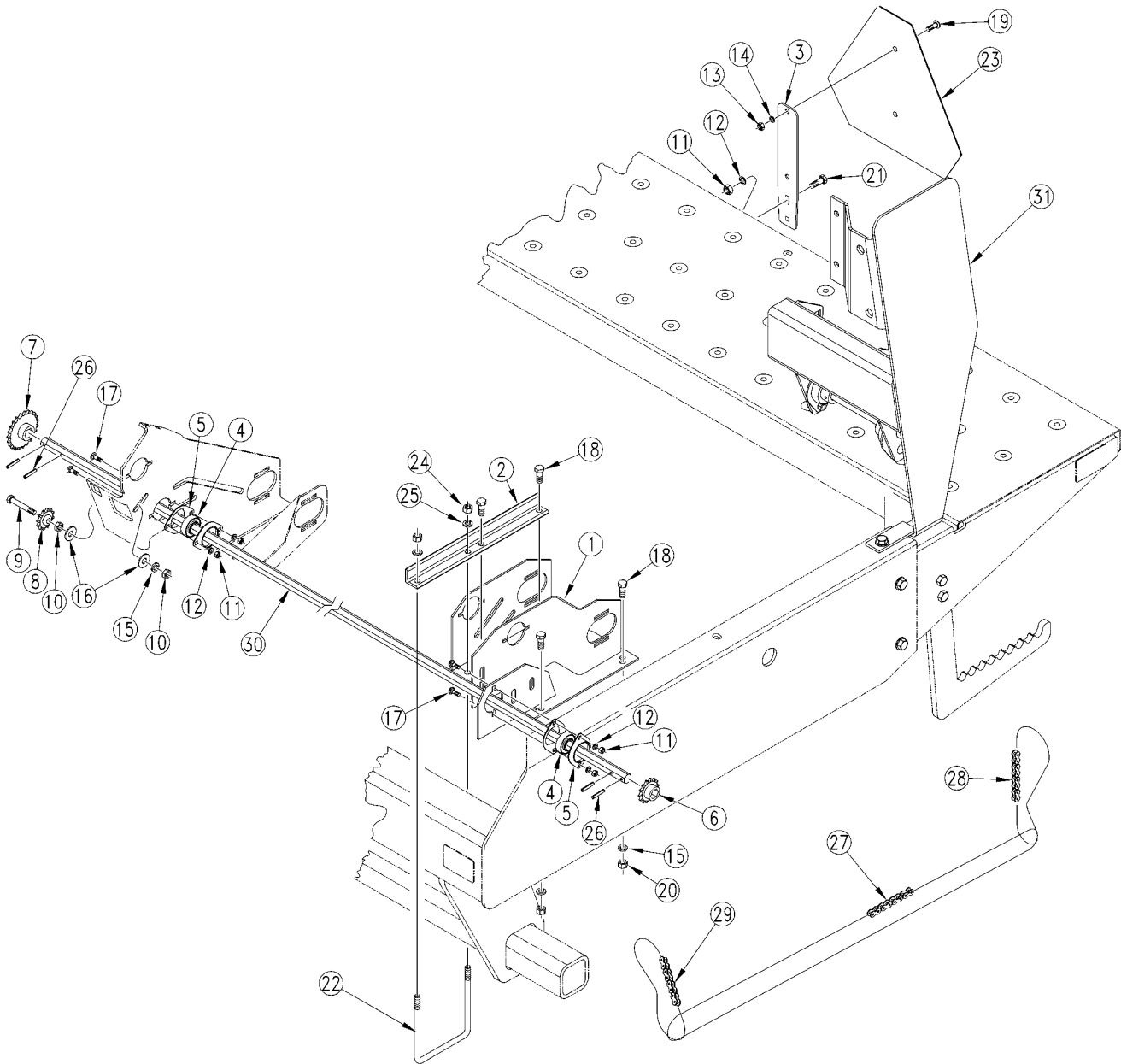
Small Seeds Box Components

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg20107	Image No.		
1.	123-050H	ADJUSTMENT HANDLE PIVOT		
2.	123-113D	LOCK TAB		
3.	123-116D	SEED ADJUSTMENT SPOOL		
4.	123-118D	SEED ADJUSTMENT SUPPORT		
5.	123-356D	10' EWNT SGS LID LATCH		
6.	123-409D	RMVBL SMALL SEED BOX PARTITION		
7.	123-410D	GAUGE MOUNTING BRACKET		
8.	890-349C	3/8 SHAFT LOCKING COLLAR		
9.	123-476H	REAR SEED RATE ADJ HANDLE WLD		
10.	133-067D	3000 SML SDS CUP SHAFT 10 IN		
10.	148-626D	1000 SMALL SEED SHAFT-7.5		
10.	133-066D	3000 SML SDS CUP SHAFT 6 IN		
11.	133-215H	3000 10" SML SDS BOX WLMT		
11.	148-343H	1000 SS BOX WLMT 7.5		
11.	133-214H	3000 6" SML SDS BOX WLMT		
12.	148-326H	1000 SS BOX LID WELDMENT		
13.	123-834H	SML SDS DRIVE SPKT HUB 27T		
14.	800-028C	SNAP RING .875		
15.	800-101C	RIVET POP 1/8X.265LG FLG		
16.	801-001C	SCREW RD HD 8-32 X 3/8 BRASS		
17.	801-003C	SCREW RD HD SLT 10-24X1/2 PLT		
18.	801-035C	SCREW SET 5/16-18 SKT KP X 3/8		
19.	802-004C	HHCS 1/4-20X3/4 GR5		
20.	802-078C	HHCS 1/4-20X5/8 GR5		
21.	802-092C	RHSNB 5/16-18X3/4 GR5		
22.	802-148C	HFSS 1/4-20X1/2 GR5		
23.	803-001C	NUT HEX 10-24 PLT		
24.	803-006C	NUT-HEX 1/4-20 PLT		
25.	803-007C	NUT-LOCK 1/4-20 PLT		
26.	803-035C	NUT HEX 8-32 BRASS		
27.	803-058C	NUT WING 5/16-18		
28.	804-002C	WASHER INTERNAL STAR #8 BRASS		
29.	804-003C	WASHER FLAT #8 BRASS		
30.	804-004C	WASHER INTERNAL STAR #10 PLT		
31.	804-006C	WASHER LOCK SPRING 1/4 PLT		
32.	804-012C	WASHER FLAT 3/8 SAE PLT		
33.	804-042C	WASHER GRASS SEEDER CUP SHAFT		
34.	804-044C	WASHER FLAT 1 3/8X.876X.048 TH		
35.	804-046C	WASHER FLAT #10 SAE PLT		
36.	805-019C	PIN COTTER 5/32 X 1 PLT		
37.	805-067C	PIN COTTER 1/8 X 3/4		
38.	816-112C	RUBBER LATCH 37-11-065-10		
39.	816-113C	LATCH KEEPER 37-15-061-17		
40.	817-504C	SML SEED FEEDER CUP ASSY	(S/N S1499+)	2nd rev.
40.	817-008C	RPBY 817-504C	(S/N S1498-)	1st rev.
41.	817-009C	GRASS SEEDER SLEEVE		
42.	817-010C	GRASS SEEDER SPROCKET		
43.	817-026C	HANGER DRIVE SHAFT		
44.	819-041C	SEED ADJUSTMENT GUIDE		
45.	818-245C	GRASS SEEDER SEED RATE		
46.	818-207C	DECAL GRSSDR SD RATE ADJ INSTR		
47.	817-806C	SMALL SEEDS CUP WIND SHIELD		

Small Seeds Drive

(Applies to 3S-3000, 3S-3000F only)



20096

Small Seeds Drive

(Applies to 3S-3000, 3S-3000F only)

Ref	Part No.	Part Description	Comments	Revision
	dwg20096	Image No.		
1.	195-145H	FERTILIZER DRIVE WELDMENT LH		
2.	195-212D	ANGLE, FERTILIZER DRIVE MOUNT		
3.	133-070D	3000 SMV MOUNTING BLADE		
4.	822-119C	BRG 7/8HEXX2.05OD SPH		
5.	822-032C	FLANGETTE 52 MST		
6.	808-259C	SPKT 40B14 X 7/8 HEX BORE		
7.	808-256C	SPKT 40C23 X 7/8 HEX BORE		
8.	817-025C	NO. 40 12T IDLER SPKT.		
9.	802-041C	HHCS 1/2-13X3 1/2 GR5		
10.	803-036C	NUT HEX JAM 1/2-13 PLT		
11.	803-008C	NUT HEX 5/16-18 PLT		
12.	804-009C	WASHER LOCK SPRING 5/16 PLT		
13.	803-006C	NUT-HEX 1/4-20 PLT		
14.	804-006C	WASHER LOCK SPRING 1/4 PLT		
15.	804-015C	WASHER LOCK SPRING 1/2 PLT		
16.	804-017C	WASHER FLAT 1/2 USS PLT		
17.	802-282C	RHSNB 5/16-18X1 GR5		
18.	802-034C	HHCS 1/2-13X1 1/4 GR5		
19.	802-004C	HHCS 1/4-20X3/4 GR5		
20.	803-020C	NUT HEX 1/2-13 PLT		
21.	802-007C	HHCS 5/16-18X3/4 GR5		
22.	806-060C	U-BOLT 1/2-13 X 6 1/32 X 7 1/4		
23.	818-055C	DECAL SLOW MOVING-GALV. BACKED		
24.	803-019C	NUT LOCK 1/2-13 PLT		
25.	804-016C	WASHER FLAT 1/2 SAE PLT		
26.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
27.	136-183D	CHAIN RL #40 203 PITCHES		
28.	136-104D	CHAIN RL #40 62 PITCHES		
29.	136-064D	CHAIN RL #40 51 PITCHES		
30.	195-211D	HEX SHAFT 7/8, AUXILIARY POWER		
31.	133-162K	2600 SMLSDS LH MOUNT&DRIVE ASY	Breakdown on "Small Seeds Box To Frame"	



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