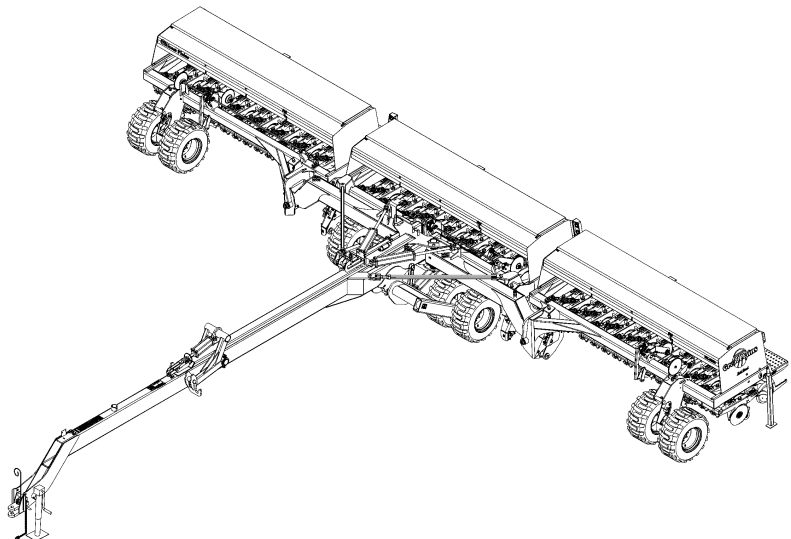

Parts Manual

3S-4000 HD & 3S-4000HDF
Heavy Duty 40' 3-Section Folding Drill



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!



18824

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



Table of Contents

Section 1: Introduction.....	6	Vansco Shaft Monitor (Option).....	78
Using This Manual.....	6	Loop Shaft Monitor (2 Channel 116-282A) (3 Channel	
Manual Replacement Information.....	6	116-283A).....	80
Manual Revisions.....	6	Gauge Wheels.....	82
Touch-up Paint.....	6	Gauge Wheels.....	82
Hardware Legend.....	7	Drives.....	84
Replacement Hardware.....	7	Center Drive (S/N YY1151-).....	84
Serial Numbers.....	7	Center Drive (S/N YY1152+).....	86
Part Number Service Coding.....	7	Center Drive Breakaway.....	88
Tongue.....	8	Right Hand Drive (S/N YY1151-).....	90
Hitch To Tongue.....	8	Right Hand Drive (S/N YY1152+).....	92
Transport Hook To Tongue.....	10	Left Hand Drive (S/N YY1151-).....	94
Transport Axle.....	12	Left Hand Drive (S/N YY1152+).....	96
Transport Axle To Tongue.....	12	Fertilizer Drive.....	98
Transport Tires And Hub.....	14	Fertilizer Drive Subassembly.....	100
Toolbars.....	16	Small Seeds Drive.....	102
Toolbar To Tongue.....	16	Small Seeds Drive Subassembly.....	104
Toolbar Pivots To Box Frames.....	18	Small Seeds To Drive.....	106
Box and Frame Assembly.....	20	Clutch Linkage.....	108
Center Box And Center Frame To Tongue.....	20	Center Clutch Breakdown (195-246K).....	110
Right Hand Box And Frame.....	22	Left Hand Clutch Breakdown (195-152K).....	112
Left Hand Box And Frame.....	24	Jaw Clutch.....	114
Fertilizer Box To Frame.....	26	Fertilizer Clutch Center Box Breakdown (195-272K).....	116
Seed Level Indicator.....	28	Fertilizer Clutch LH/RH Box Breakdown (195-187K).....	118
Lid To Box.....	30	Openers.....	120
Lid To Fertilizer Box.....	32	HD 00 Series Long Arm Opener (S/N YY1978-).....	120
Fertilizer Spill Flap (175-190S).....	34	HD 00 Series Long Arm Opener (S/N YY1979 -	
Fertilizer Box Dividers.....	36	YY2270).....	122
Seed / Fertilizer Flap (175-191S).....	38	HD 00 Series Long Arm Opener (S/N YY2271+).....	124
Fertilizer Tray To Box.....	40	HD 00 Series Short Arm Opener (S/N YY1978-).....	126
Fertilizer Tray.....	42	HD 00 Series Short Arm Opener (S/N YY1979 -	
Small Seeds Box Components.....	44	YY2270).....	128
Small Seeds Box Mounting.....	46	HD 00 Series Short Arm Opener (S/N YY2271+).....	130
Walkboards And Steps (YY1722-).....	48	HD 00 Opener Disc Assembly (Option).....	132
Walkboards And Steps (YY1723+).....	50	HD 00 6" Seed-Lok (Option).....	134
Weight Bracket (S/N YY1458-).....	52	00 HD Scraper.....	136
Weight Bracket (S/N YY1459+).....	54	HD 00 Keeton Seed Firmer.....	138
Truss Tubes.....	56	Small Seeds Hose.....	140
Center Sub-Frame.....	58	00 HD Knock Down Kit.....	142
Right Hand Sub-Frame.....	60	Press Wheels.....	144
Left Hand Sub-Frame.....	62	HD 1 1/4" X 13 1/2" Double Press Wheel.....	144
Feeder Cup Trays.....	64	HD 1" x 12" Double "V" Press Wheel.....	146
Seed Rate Adjustment Handle.....	64	HD 2" x 13" Single Press Wheel.....	148
6" Feeder Cup Spacing LH & Center.....	66	HD 3" x 13" Single Press Wheel.....	150
6" Feeder Cup Spacing RH.....	68	HD 3" x 14" Peaked Single Press Wheel.....	152
7.5" Feeder Cup Spacing LH & Center.....	70	HD 4" x 12" Double Ribbed Single Press Wheel.....	154
7.5" Feeder Cup Spacing RH.....	72	Hydraulics.....	156
10" Feeder Cup Spacing LH & Center.....	74	Fold Hydraulics.....	156
10" Feeder Cup Spacing RH.....	76	Fold Hydraulics With Check Valve.....	158

© Copyright 2013 All rights reserved Printed 01/11/13

Great Plains Manufacturing, Inc. provides this publication "as is" without warranty of any kind, either expressed or implied. While every precaution has been taken in the preparation of this manual, Great Plains Manufacturing, Inc. assumes no responsibility for errors or omissions. Neither is any liability assumed for damages resulting from the use of the information contained herein. Great Plains Manufacturing, Inc. reserves the right to revise and improve its products as it sees fit. This publication describes the state of this product at the time of its publication, and may not reflect the product in the future.

Great Plains Manufacturing, Incorporated Trademarks

The following are trademarks of Great Plains Mfg., Inc.: Application Systems, Ausherman, Land Pride, Great Plains

All other brands and product names are trademarks or registered trademarks of their respective holders.

Printed in the United States of America.



Table of Contents (continued)

Transport Axle And Transport Hook Hydraulics.....	160
Opener Down Pressure Hydraulics (Closed Center) (S/N YY1310-)	162
Opener Down Pressure Hydraulics (Closed Center) (S/N YY1311+)	164
Opener Down Pressure Hydraulics With Point Row (Option) (S/N YY1310-)	166
Opener Down Pressure Hydraulics With Point Row (Option) (S/N YY1311+)	168
Opener Down Pressure Hydraulics (Open Center) (S/N YY1310-)	170
Opener Down Pressure Hydraulics (Open Center) (S/N YY1311+)	172
Double Selector Valve Mounting.....	174
Midway Hydraulic Cylinder (810-020C).....	176
Midway Hydraulic Cylinder (810-299C).....	178
Midway Hydraulic Cylinder (810-416C).....	180
Midway Hydraulic Cylinder (810-421C).....	182
Pressure Reducing Valve (810-301C).....	184
Manifold Block (810-371C) (Option).....	186
Point Row Control Box With Cables.....	188
Decals.....	190
Decal Placement.....	190
Markers (Option).....	192
Flat Fold Marker.....	192
Marker Disk And Hub (113-563S).....	196
Single Marker Hydraulics.....	198
Dual Marker Hydraulics.....	200
Midway Hydraulic Cylinder (810-423C).....	202
Double Selector Valve (810-274C).....	204
Sequence Valve (810-422C).....	206
 Part Number Index.....	 208



Alphabetized Table of Contents

Selected Models

0	
00 HD Knock Down Kit.....	142
00 HD Scraper.....	136
1	
10" Feeder Cup Spacing LH & Center.....	74
10" Feeder Cup Spacing RH.....	76
6	
6" Feeder Cup Spacing LH & Center.....	66
6" Feeder Cup Spacing RH.....	68
7	
7.5" Feeder Cup Spacing LH & Center.....	70
7.5" Feeder Cup Spacing RH.....	72
C	
Center Box And Center Frame To Tongue.....	20
Center Clutch Breakdown (195-246K).....	110
Center Drive (S/N YY1151-).....	84
Center Drive (S/N YY1152+).....	86
Center Drive Breakaway.....	88
Center Sub-Frame.....	58
Clutch Linkage.....	108
D	
Decal Placement.....	190
Double Selector Valve (810-274C).....	204
Double Selector Valve Mounting.....	174
Dual Marker Hydraulics.....	200
F	
Fertilizer Box Dividers.....	36
Fertilizer Box To Frame.....	26
Fertilizer Clutch Center Box Breakdown (195-272K).....	116
Fertilizer Clutch LH/RH Box Breakdown (195-187K).....	118
Fertilizer Drive.....	98
Fertilizer Drive Subassembly.....	100
Fertilizer Spill Flap (175-190S).....	34
Fertilizer Tray.....	42
Fertilizer Tray To Box.....	40
Flat Fold Marker.....	192
Fold Hydraulics.....	156
Fold Hydraulics With Check Valve.....	158
G	
Gauge Wheels.....	82
H	
HD 00 6" Seed-Lok (Option).....	134
HD 00 Keeton Seed Firmer.....	138
HD 00 Opener Disc Assembly (Option).....	132
HD 00 Series Long Arm Opener (S/N YY1978-).....	120

HD 00 Series Long Arm Opener (S/N YY1979 - YY2270).....	122
HD 00 Series Long Arm Opener (S/N YY2271+).....	124
HD 00 Series Short Arm Opener (S/N YY1978-).....	126
HD 00 Series Short Arm Opener (S/N YY1979 - YY2270).....	128
HD 00 Series Short Arm Opener (S/N YY2271+).....	130
HD 1 1/4" X 13 1/2" Double Press Wheel.....	144
HD 1" x 12" Double "V" Press Wheel.....	146
HD 2" x 13" Single Press Wheel.....	148
HD 3" x 13" Single Press Wheel.....	150
HD 3" x 14" Peaked Single Press Wheel.....	152
HD 4" x 12" Double Ribbed Single Press Wheel.....	154
Hitch To Tongue.....	8
J	
Jaw Clutch.....	114
L	
Left Hand Box And Frame.....	24
Left Hand Clutch Breakdown (195-152K).....	112
Left Hand Drive (S/N YY1151-).....	94
Left Hand Drive (S/N YY1152+).....	96
Left Hand Sub-Frame.....	62
Lid To Box.....	30
Lid To Fertilizer Box.....	32
Loop Shaft Monitor (2 Channel 116-282A) (3 Channel 116-283A).....	80
M	
Manifold Block (810-371C) (Option).....	186
Marker Disk And Hub (113-563S).....	196
Midway Hydraulic Cylinder (810-020C).....	176
Midway Hydraulic Cylinder (810-299C).....	178
Midway Hydraulic Cylinder (810-416C).....	180
Midway Hydraulic Cylinder (810-421C).....	182
Midway Hydraulic Cylinder (810-423C).....	202
O	
Opener Down Pressure Hydraulics (Closed Center) (S/N YY1310-).....	162
Opener Down Pressure Hydraulics (Closed Center) (S/N YY1311+).....	164
Opener Down Pressure Hydraulics (Open Center) (S/N YY1310-).....	170
Opener Down Pressure Hydraulics (Open Center) (S/N YY1311+).....	172
Opener Down Pressure Hydraulics With Point Row (Option) (S/N YY1310-).....	166
Opener Down Pressure Hydraulics With Point Row (Option) (S/N YY1311+).....	168
P	
Point Row Control Box With Cables.....	188
Pressure Reducing Valve (810-301C).....	184



Alphabetized Table of Contents (continued)

R

Right Hand Box And Frame.....	22
Right Hand Drive (S/N YY1151-).....	90
Right Hand Drive (S/N YY1152+).....	92
Right Hand Sub-Frame.....	60

S

Seed / Fertilizer Flap (175-191S).....	38
Seed Level Indicator.....	28
Seed Rate Adjustment Handle.....	64
Sequence Valve (810-422C).....	206
Single Marker Hydraulics.....	198
Small Seeds Box Components.....	44
Small Seeds Box Mounting.....	46
Small Seeds Drive.....	102
Small Seeds Drive Subassembly.....	104
Small Seeds Hose.....	140
Small Seeds to Drive.....	106

T

Toolbar Pivots To Box Frames.....	18
Toolbar To Tongue.....	16
Transport Axle And Transport Hook Hydraulics.....	160
Transport Axle To Tongue.....	12
Transport Hook To Tongue.....	10
Transport Tires And Hub.....	14
Truss Tubes.....	56

V

Vansco Shaft Monitor (Option).....	78
------------------------------------	----

W

Walkboards And Steps (YY1722-).....	48
Walkboards And Steps (YY1723+).....	50
Weight Bracket (S/N YY1458-).....	52
Weight Bracket (S/N YY1459+).....	54



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.

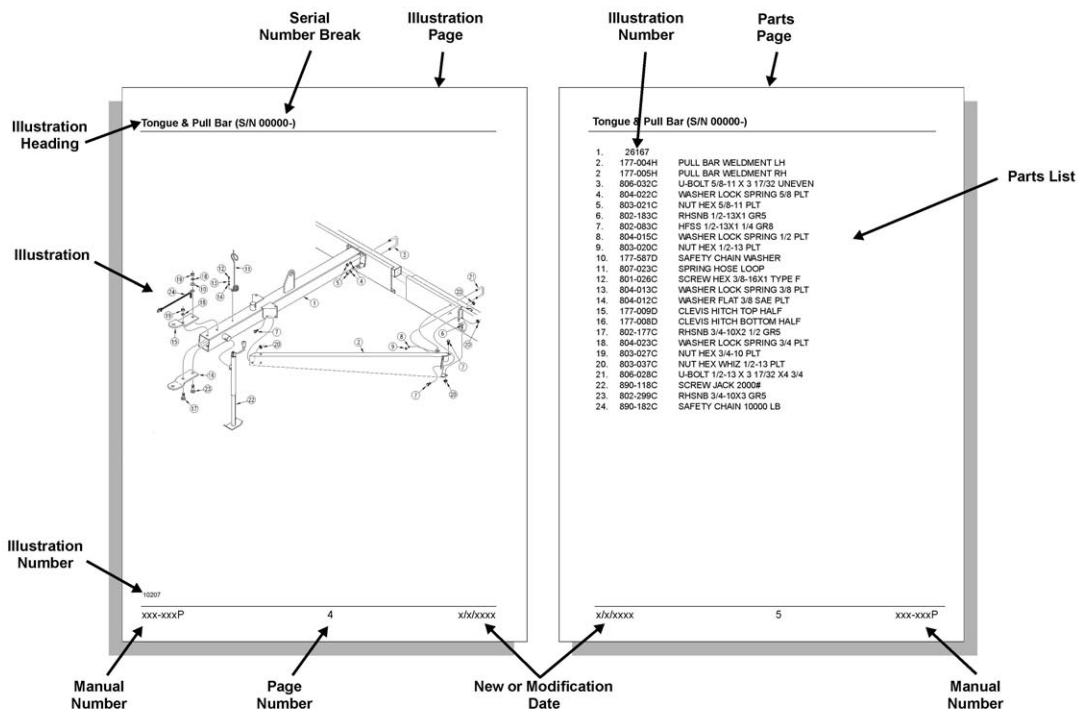
Manual Revisions

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.

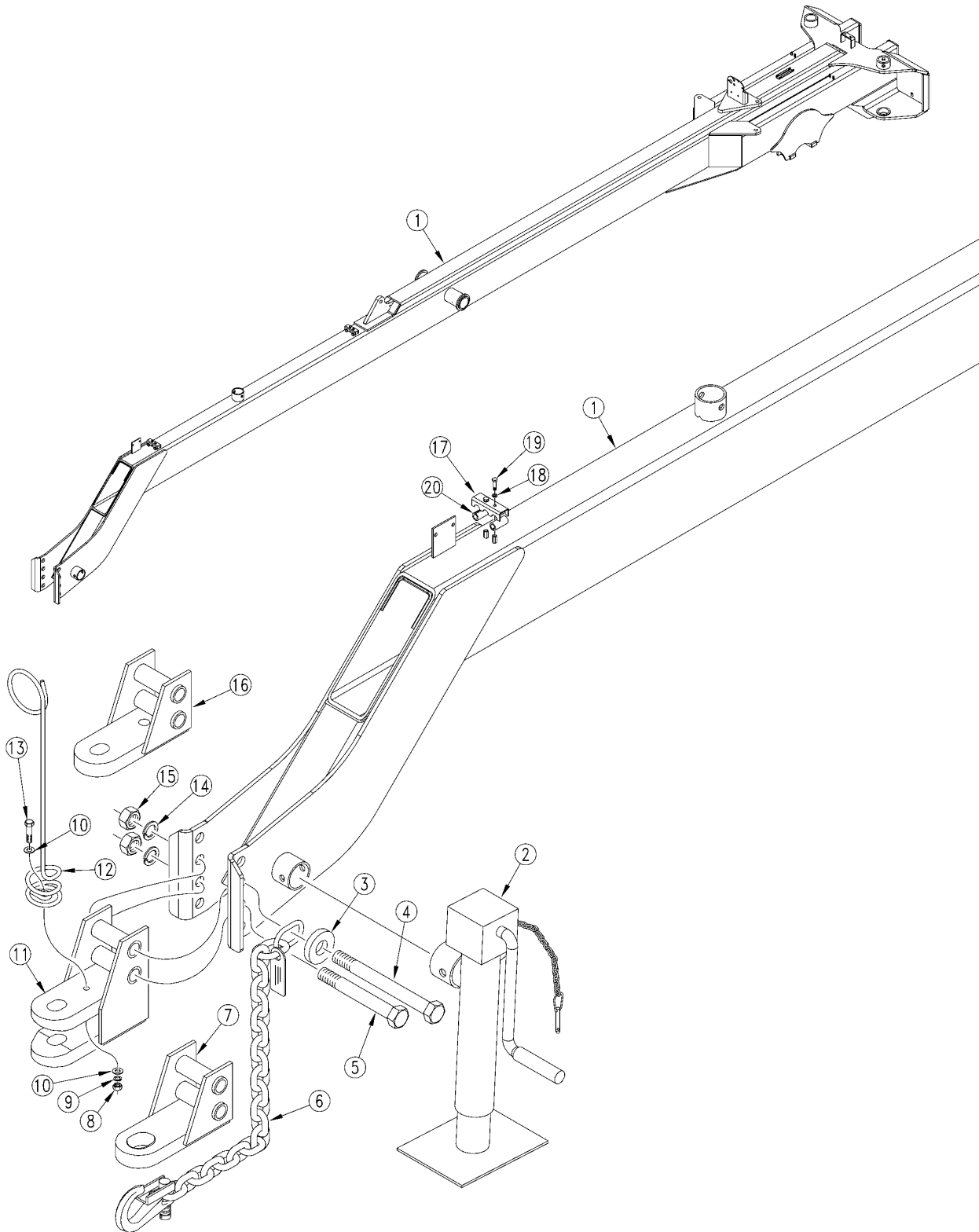
Serial Numbers

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-4000 HD, 3S-4000 HDF only)



18788

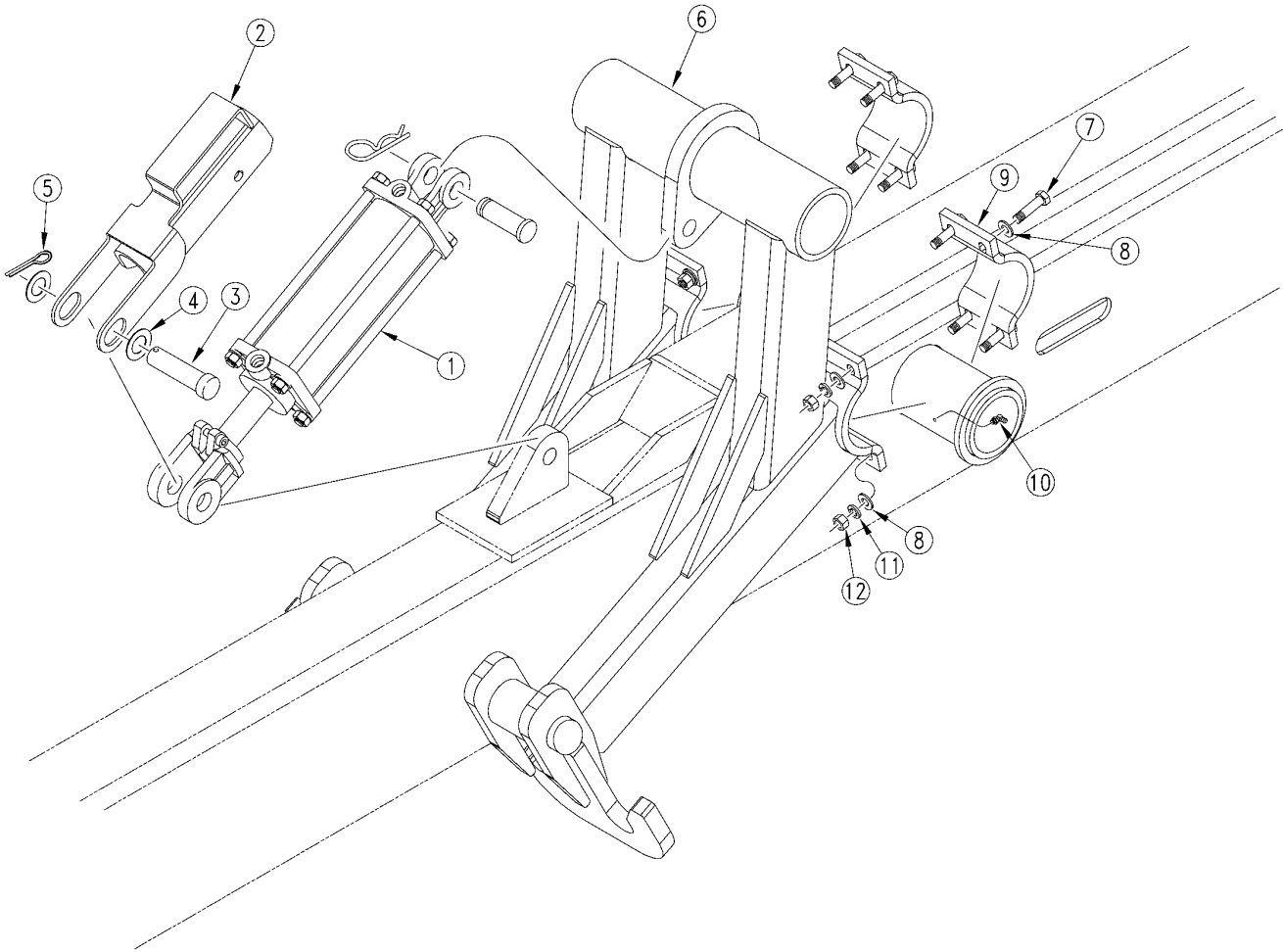
Hitch To Tongue

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18788	Image No.		
1.	194-190H	3S-4000 TONGUE-MAINFRAME WLDMT		
2.	890-610C	SQ TB JACK 10000 LB 10 STROKE		
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.	890-184C	SAFETY CHAIN 30000 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-4000 HD, 3S-4000 HDF only)



18789

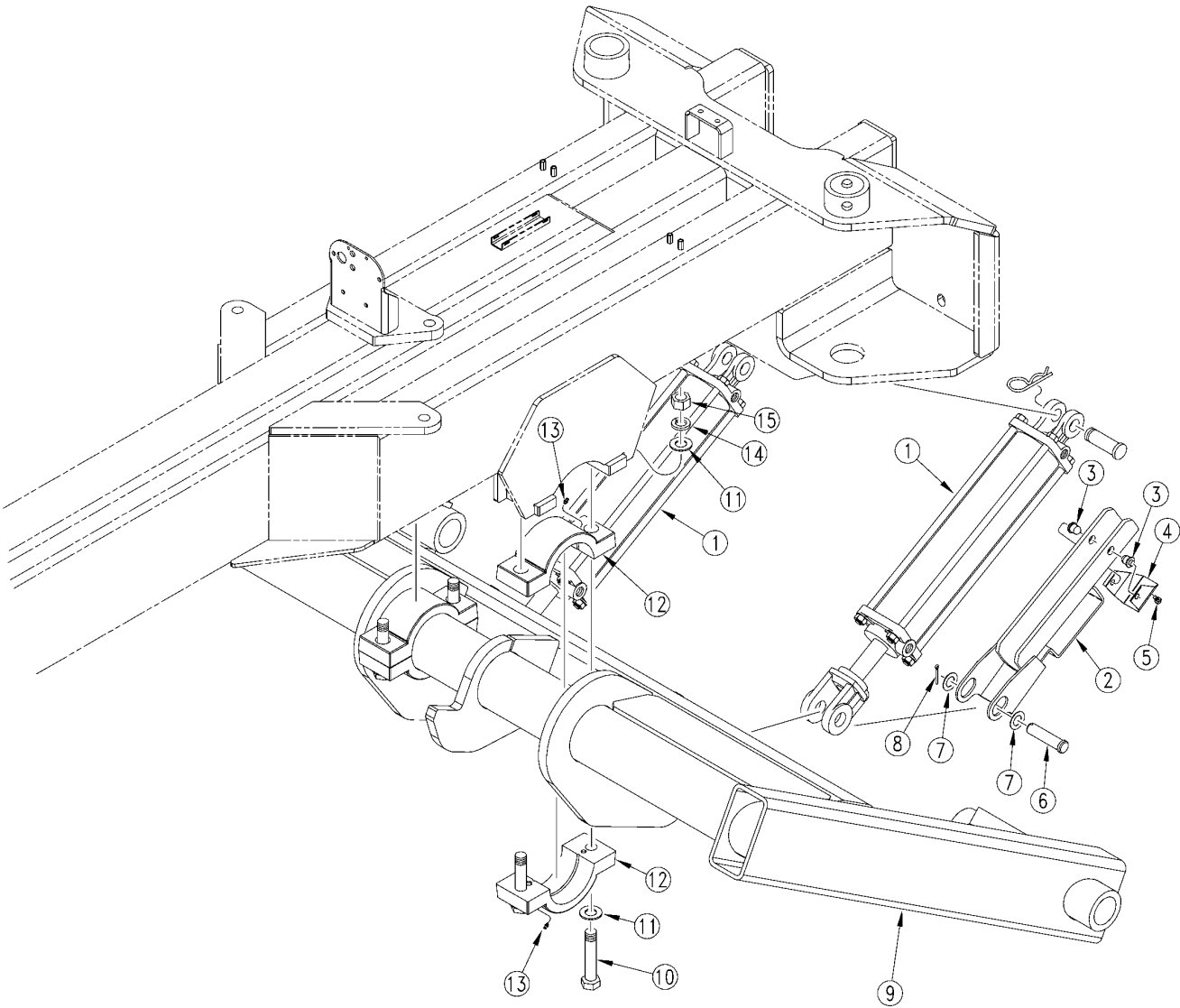
Transport Hook To Tongue

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18789	Image No.		
1.	810-020C	CYL 4X10X1.25 ROD (TIE ROD)		
2.	194-106H	CYLINDER LOCK WELDMENT		
3.	805-124C	PIN CLEVIS 1 X 3 11/16 GR5 PLT		
4.	804-082C	WASHER MACH 1 3/4 X 1 X 18 GA		
5.	805-104C	PIN COTTER 3/16 X 1 1/2 PLT		
6.	194-194H	3S-4000 TRANSPORT CARRIER		
7.	802-128C	HHCS 1/2-13X2 GR5		
8.	804-016C	WASHER FLAT 1/2 SAE PLT		
9.	185-014D	ROCKSHAFT HALF BAND CAP NOZERK		
10.	800-073C	GREASE ZERK 1/4-28 X 90-DEG		
11.	804-015C	WASHER LOCK SPRING 1/2 PLT		
12.	803-020C	NUT HEX 1/2-13 PLT		

Transport Axle To Tongue

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18790

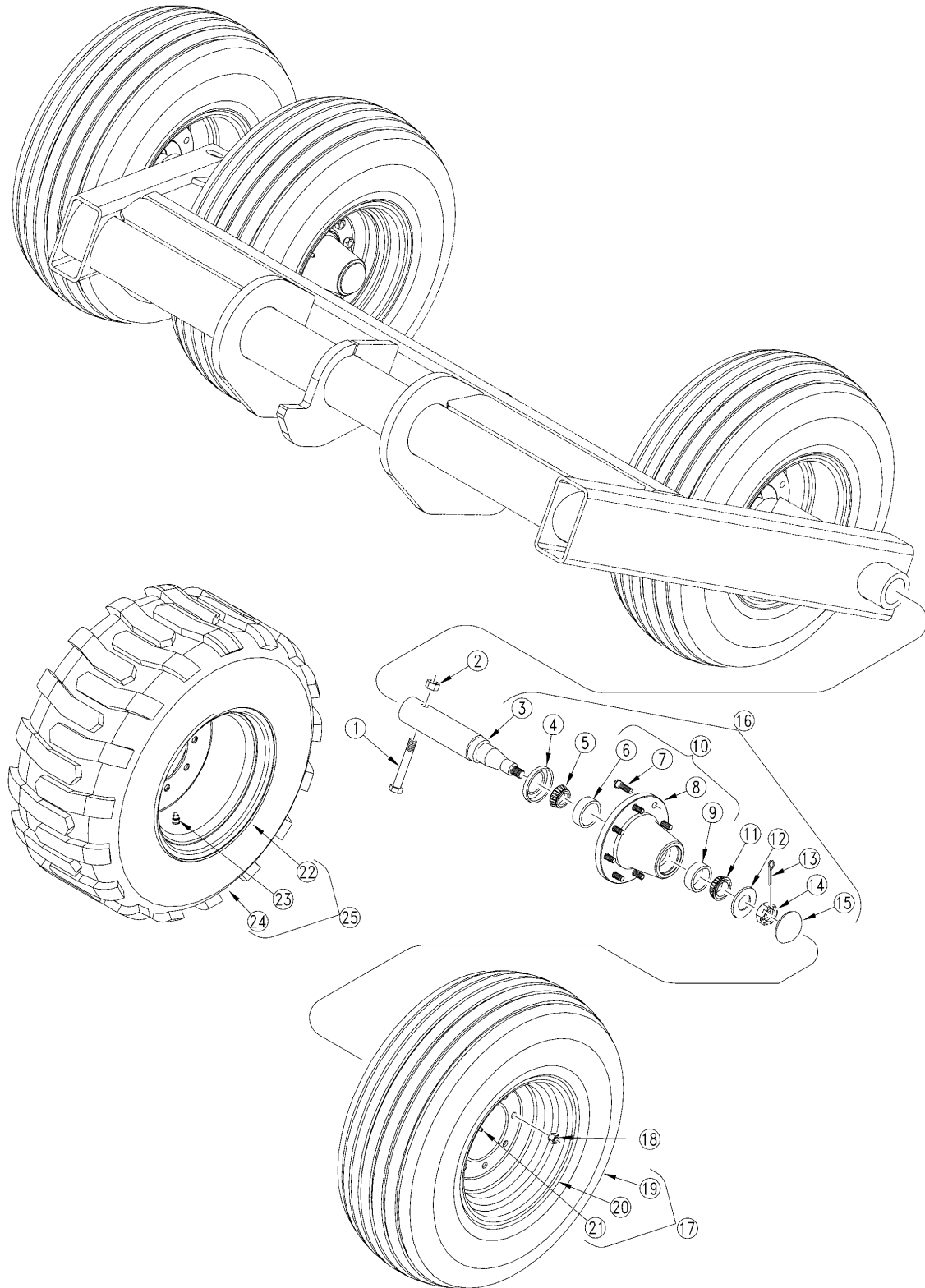
Transport Axle To Tongue

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18790	Image No.		
1.	810-416C	CYL 4X16X1.50 ROD (TIE ROD)		
2.	194-198H	TRANSPORT AXLE CYL LOCK 16 IN		
3.	194-402D	PLASTIC CYL LOCK BUMPER		
4.	194-401D	LOCK SPRING CLIP		
5.	802-283C	HHCS 1/4-20X1/2 GR2		
6.	805-124C	PIN CLEVIS 1 X 3 11/16 GR5 PLT		
7.	804-082C	WASHER MACH 1 3/4 X 1 X 18 GA		
8.	805-104C	PIN COTTER 3/16 X 1 1/2 PLT		
9.	194-189H	3S-4000 TRANSPORT AXLE WLDMNT		
10.	802-205C	HHCS 1-8X5 1/2 GR5		
11.	804-029C	WASHER FLAT 1 SAE		
12.	196-145V	ROCKSHAFT BEARING SUB ASSY	Contains 10,11,14 &15.	
13.	800-001C	GREASE ZERK STRAIGHT 1/4-28		
14.	804-027C	WASHER LOCK SPRING 1 PLT		
15.	803-031C	NUT HEX 1-8 PLT		

Transport Tires And Hub

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18791

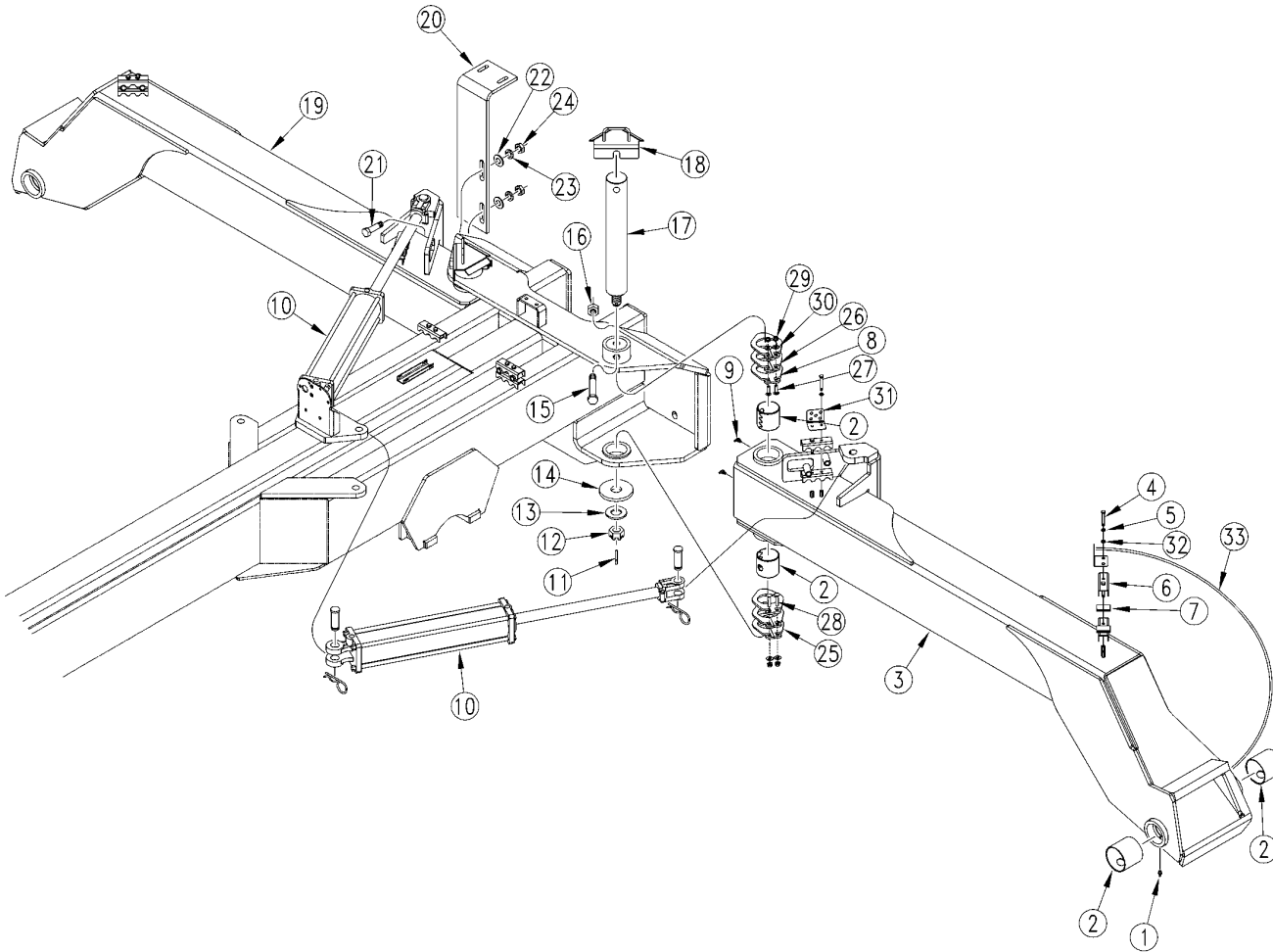
Transport Tires And Hub

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18791	Image No.		
1.	802-069C	HHCS 3/4-10X5 GR5		
2.	803-026C	NUT LOCK 3/4-10 PLT		
3.	815-099C	SPINDLE SGL 2.73X15.97		
4.	816-019C	8-BOLT HUB SEAL		
5.	822-036C	BRG CONE 2.00IDX1.18WD #3780		
6.	822-037C	BRG CUP 3.67ODX.93WD #3720		
7.	802-182C	HUB STUD 5/8-18X2 1/2 GR5		
8.	200-006D	8-BOLT WHEEL HUB MACH.		
9.	822-039C	BRG CUP 3.00ODX.75WD #2720		
10.	815-101C	HUB 8 BOLT 5790# W/CUPS&STUDS	Contains items 6-9.	
11.	822-038C	BRG CONE 1.31IDX1.01WD #2790		
12.	181-064D	7/8 SPINDLE WASHER, HARDENED		
13.	805-016C	PIN COTTER 3/16 X 1 1/4 PLT		
14.	803-029C	NUT HEX SLOTTED 7/8-14 PLT		
15.	P502001	REPLACED BY 890-032C		
16.	815-103C	HUB & SPINDLE ASY 8 BOLT 5790#	Contains items 3-15.	
17.	196-208K	TITAN 12.5L-15 20 PLY 8 BOLT	Contains items 19-21.	
18.	803-219C	NUT LUG 5/8-18 X 90 DEG PLT		
19.	814-177C	TIRE TITAN 12.5L-15 20 PLY		
20.	814-104C	WHEEL 15 X 10 X 8 BOLT		
21.	816-035C	VALVE STEM TR415X.625X1 1/4 LG		
22.	814-208C	RIM 16.5X12, 8 BLT 6 PILT 8 BC	Option	
23.	814-210C	VALVE STEM METAL TR-575 TUBLES	Option	
24.	814-206C	TIRE SKID ST 395/55B16.5 NHS	Option	
25.	196-272K	RH TIRE/RIM 395/55B16.5 SKID 8	Option	
25.	196-273K	LH TIRE/RIM 395/55B16.5 SKID 8	Option	

Toolbar To Tongue

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18792

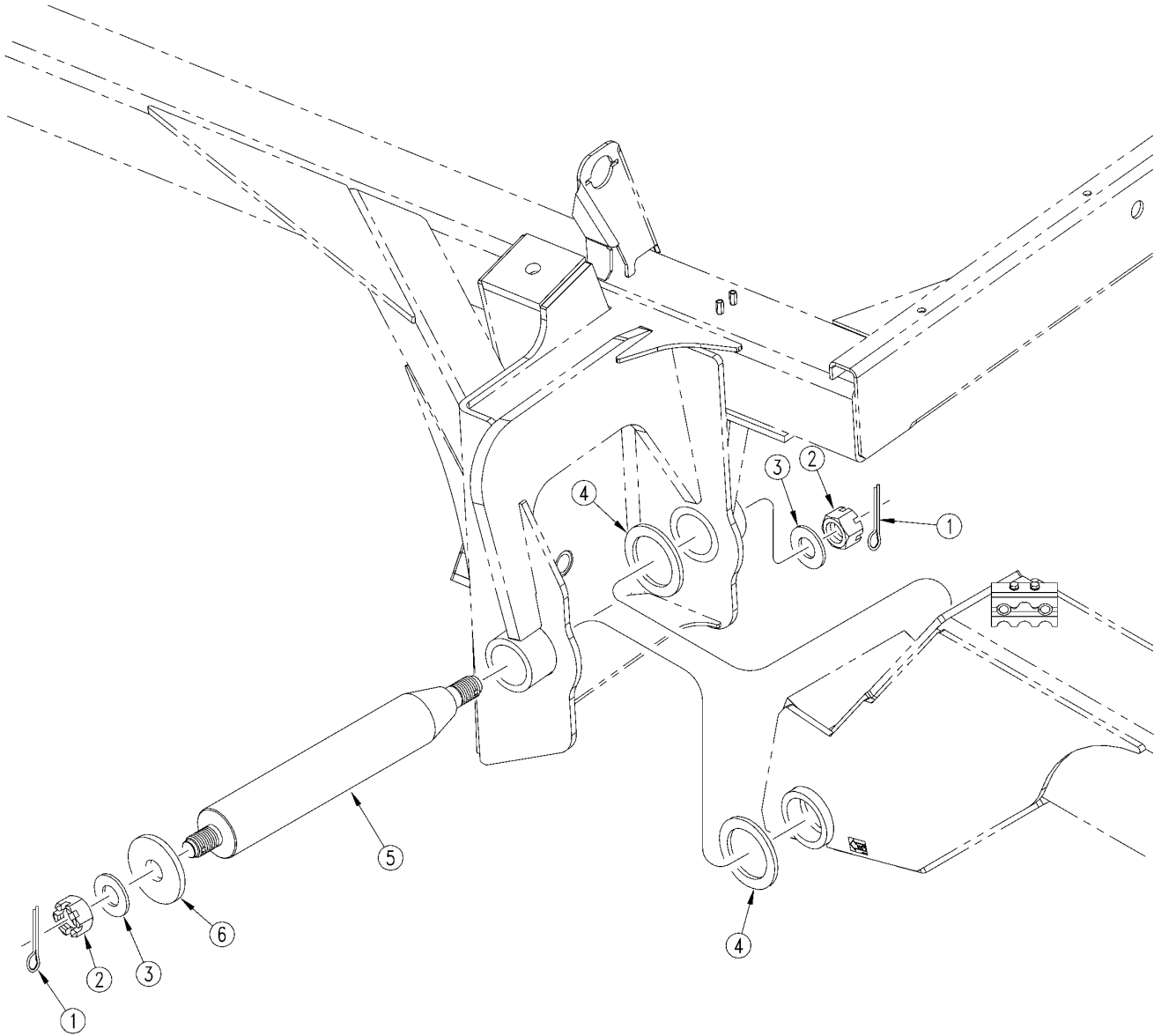
Toolbar To Tongue

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18792	Image No.		
1.	800-001C	GREASE ZERK STRAIGHT 1/4-28		
2.	890-193C	STEEL BUSHING 3 1/4X3IDX3LONG		
3.	194-188H	3S-4000 TOOLBAR LH		
4.	802-138C	HHCS 5/16-18X2 1/4 GR5		
5.	804-009C	WASHER LOCK SPRING 5/16 PLT		
6.	196-112D	HOSE CLAMP BRACKET		
7.	113-370D	1/4 MARKER HYD HOSE GUARD		
8.	194-525D	HARDENED SPACER WASHER W/SLOTS		
9.	800-073C	GREASE ZERK 1/4-28 X 90-DEG		
10.	810-421C	CYL 4X20X1.50 ROD (TIE ROD)		
11.	805-085C	PIN COTTER 5/16 X 2 1/2		
12.	803-079C	NUT HEX SLOTTED 1 1/4 - 7		
13.	804-035C	WASHER FLAT 1 1/4 USS PLT		
14.	197-001D	BOX HINGE PIVOT WASHER		
15.	802-178C	HHCS 7/8-9X5 1/2 GR5		
16.	803-028C	NUT NY-LOK 7/8-9 PLT		
17.	194-472D	4000 TOOLBAR VERT PIVOT PIN		
18.	194-028H	HINGE MOUNTED HOSE GUIDE		
19.	194-187H	3S-4000 TOOLBAR RH		
20.	194-495D	DRIVE BREAKAWAY SUPPORT PLATE		
21.	802-088C	RHSNB 5/8-11X2 GR5		
22.	804-095C	WASHER FLAT 5/8 HARD ASTM F436		
23.	804-022C	WASHER LOCK SPRING 5/8 PLT		
24.	803-021C	NUT HEX 5/8-11 PLT		
25.	194-526D	SPLIT SPACER WASHER, INNER LOCK		
26.	194-527D	SPLIT SPACER WASHER, OUTER LOCK		
27.	802-155C	RHSNB 3/8-16X1 1/4 GR5		
28.	802-252C	RHSNB 3/8-16X1 3/4 GR5		
29.	803-209C	NUT FLANGE LOCK 3/8-16 PLT		
30.	804-011C	WASHER FLAT 3/8 USS PLT		
31.	194-577D	5 OUTLET GREASE BANK		
32.	804-036C	WASHER FLAT 5/16 SAE PLT		
33.	990-109R	TUBE NYLON 1/4OD X 062WL		

Toolbar Pivots To Box Frames

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18796

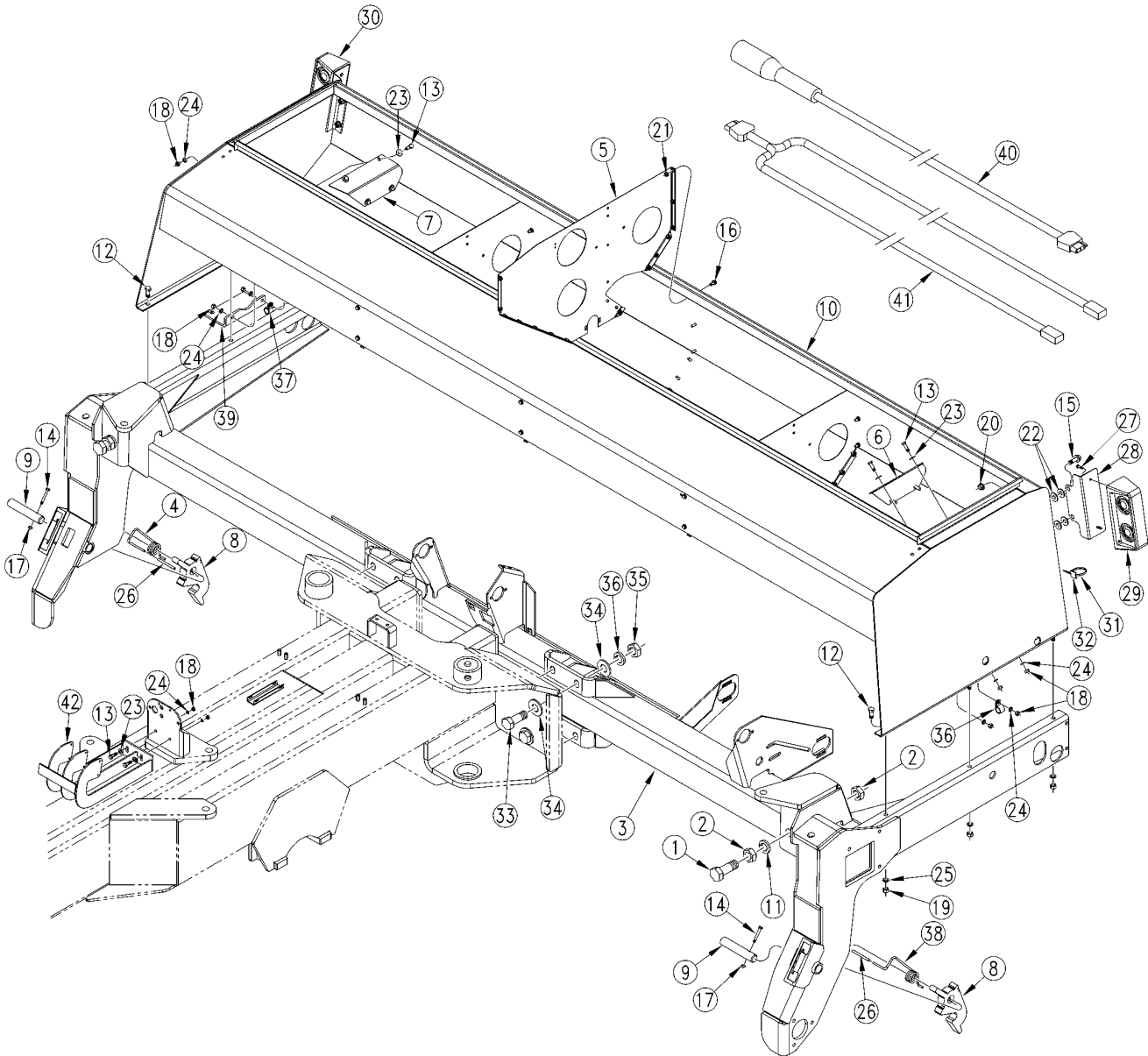
Toolbar Pivots To Box Frames

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18796	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.	194-473D	4000 TOOLBAR HORIZ PIVOT PIN		
6.	197-001D	BOX HINGE PIVOT WASHER		

Center Box And Center Frame To Tongue

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18803

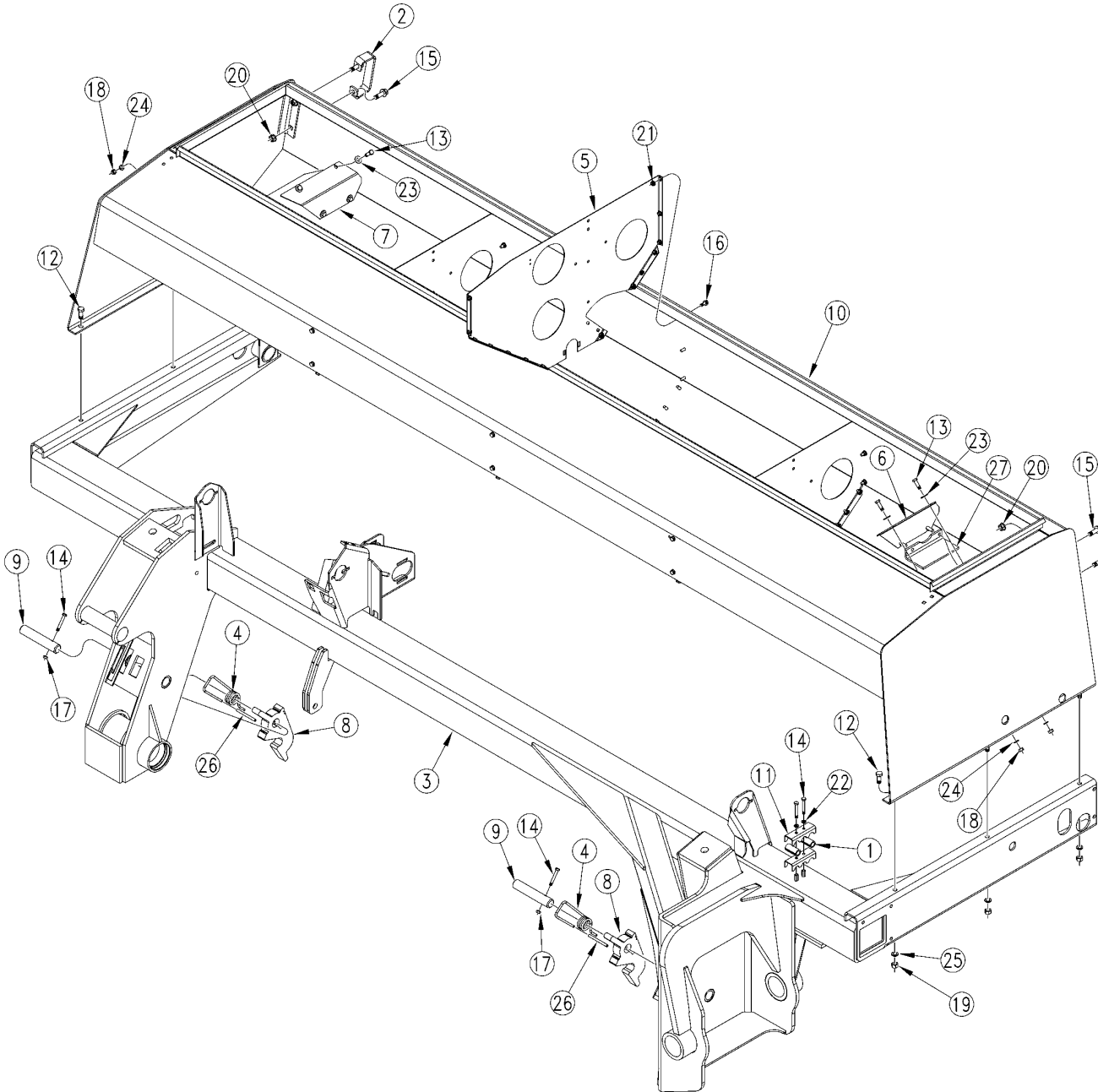
Center Box And Center Frame To Tongue

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18803	Image No.		
1.	802-426C	HHCS 1 1/4-7X3 1/2 GR5 PLT		
2.	803-032C	NUT HEX JAM 1 1/4-7 PLT		
3.	194-184H	3S-4000 CENTER BOX FRAME		
4.	194-274D	3S TORSION SPRING HANDLE RH		
5.	195-100D	3S BOX PARTITION		
6.	195-101D	INTERIOR ENDPANEL COVER LH		
7.	195-102D	INTERIOR ENDPANEL COVER RH		
8.	195-159D	SUBFRAME LOCK HOOK		
9.	195-160D	GAUGE WHEEL LOCK PIN		
10.	195-244H	3S-4000 SEED BOX		
11.	804-030C	WASHER LOCK 1 1/4 SPRING PLT		
12.	802-034C	HHCS 1/2-13X1 1/4 GR5		
13.	802-079C	HHCS 3/8-16X1 1/4 GR5		
14.	802-138C	HHCS 5/16-18X2 1/4 GR5		
15.	802-203C	HFSS 1/2-13X1 1/2 GR5		
16.	802-387C	HFS 5/16-18X3/4 GR5		
17.	803-011C	NUT LOCK 5/16-18 PLT		
18.	803-014C	NUT HEX 3/8-16 PLT		
19.	803-020C	NUT HEX 1/2-13 PLT		
20.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
21.	803-199C	NUT HEX FLANGE 5/16-18 PLT		
22.	804-016C	WASHER FLAT 1/2 SAE PLT		
23.	804-011C	WASHER FLAT 3/8 USS PLT		
24.	804-013C	WASHER LOCK SPRING 3/8 PLT		
25.	804-015C	WASHER LOCK SPRING 1/2 PLT		
26.	816-241C	RUBBER HANDLE GRIP.207IDX3 1/2		
27.	801-081C	SCREW HEX SELF TAP 1/4-20X3/4		
28.	150-138D	12' EWNT LIGHT BRACKET		
29.	890-311C	DUAL AG LIGHTS LH		
30.	890-312C	DUAL AG LIGHTS RH		
31.	800-112C	CABLE TIE .19X7.25 1.75D 50LB		
32.	800-148C	CABLE TIE MOUNT		
33.	802-103C	HHCS 7/8-9X2 3/4 GR5		
34.	804-134C	WASHER FLAT 7/8 USS PLT		
35.	803-049C	NUT HEX 7/8-9 PLT		
36.	804-037C	WASHER LOCK SPRING 7/8 PLT		
37.	800-064C	HOSE CLIP 13/16 ID		
38.	194-273D	3S TORSION SPRING HANDLE LH		
39.	148-613D	BOX SUPPORT ANGLE		
40.	890-431C	LIGHT HARNESS, 35' LEAD		
41.	890-390C	LIGHT HARNESS, 10' WISHBONE		
42.	194-134H	VALVE MOUNT BRACKET		

Right Hand Box And Frame

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18805

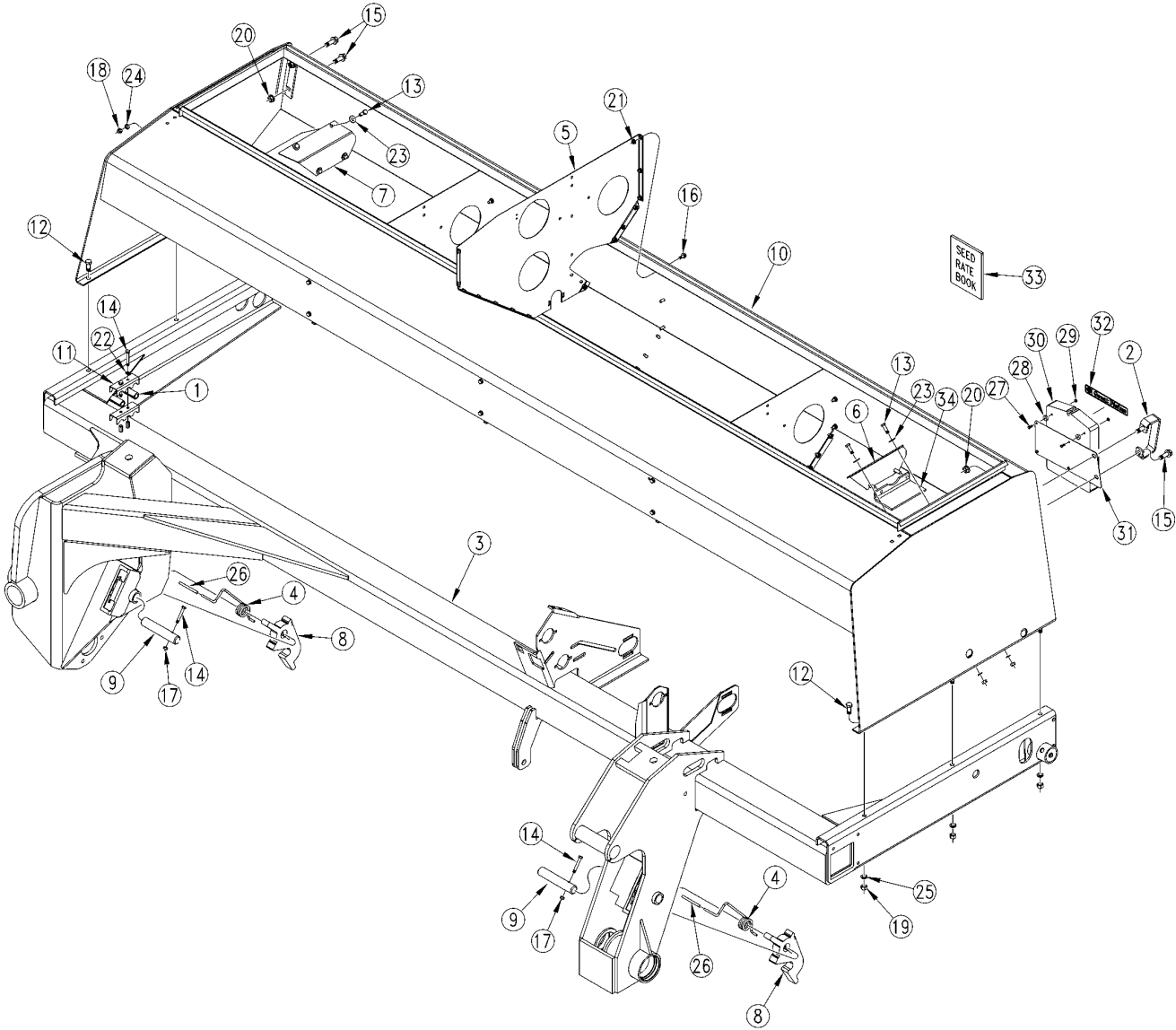
Right Hand Box And Frame

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18805	Image No.		
1.	113-370D	1/4 MARKER HYD HOSE GUARD		
2.	119-190D	HANDLE		
3.	194-183H	3S-4000 RH WING FRAME		
4.	194-274D	3S TORSION SPRING HANDLE RH		
5.	195-100D	3S BOX PARTITION		
6.	195-101D	INTERIOR ENDPANEL COVER LH		
7.	195-102D	INTERIOR ENDPANEL COVER RH		
8.	195-159D	SUBFRAME LOCK HOOK		
9.	195-160D	GAUGE WHEEL LOCK PIN		
10.	195-244H	3S-4000 SEED BOX		
11.	196-112D	RPBY 196-146D		
12.	802-034C	HHCS 1/2-13X1 1/4 GR5		
13.	802-079C	HHCS 3/8-16X1 1/4 GR5		
14.	802-138C	HHCS 5/16-18X2 1/4 GR5		
15.	802-203C	HFSS 1/2-13X1 1/2 GR5		
16.	802-387C	HFS 5/16-18X3/4 GR5		
17.	803-011C	NUT LOCK 5/16-18 PLT		
18.	803-014C	NUT HEX 3/8-16 PLT		
19.	803-020C	NUT HEX 1/2-13 PLT		
20.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
21.	803-199C	NUT HEX FLANGE 5/16-18 PLT		
22.	804-009C	WASHER LOCK SPRING 5/16 PLT		
23.	804-011C	WASHER FLAT 3/8 USS PLT		
24.	804-013C	WASHER LOCK SPRING 3/8 PLT		
25.	804-015C	WASHER LOCK SPRING 1/2 PLT		
26.	816-241C	RUBBER HANDLE GRIP.207IDX3 1/2		
27.	148-613D	BOX SUPPORT ANGLE		

Left Hand Box And Frame

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18806

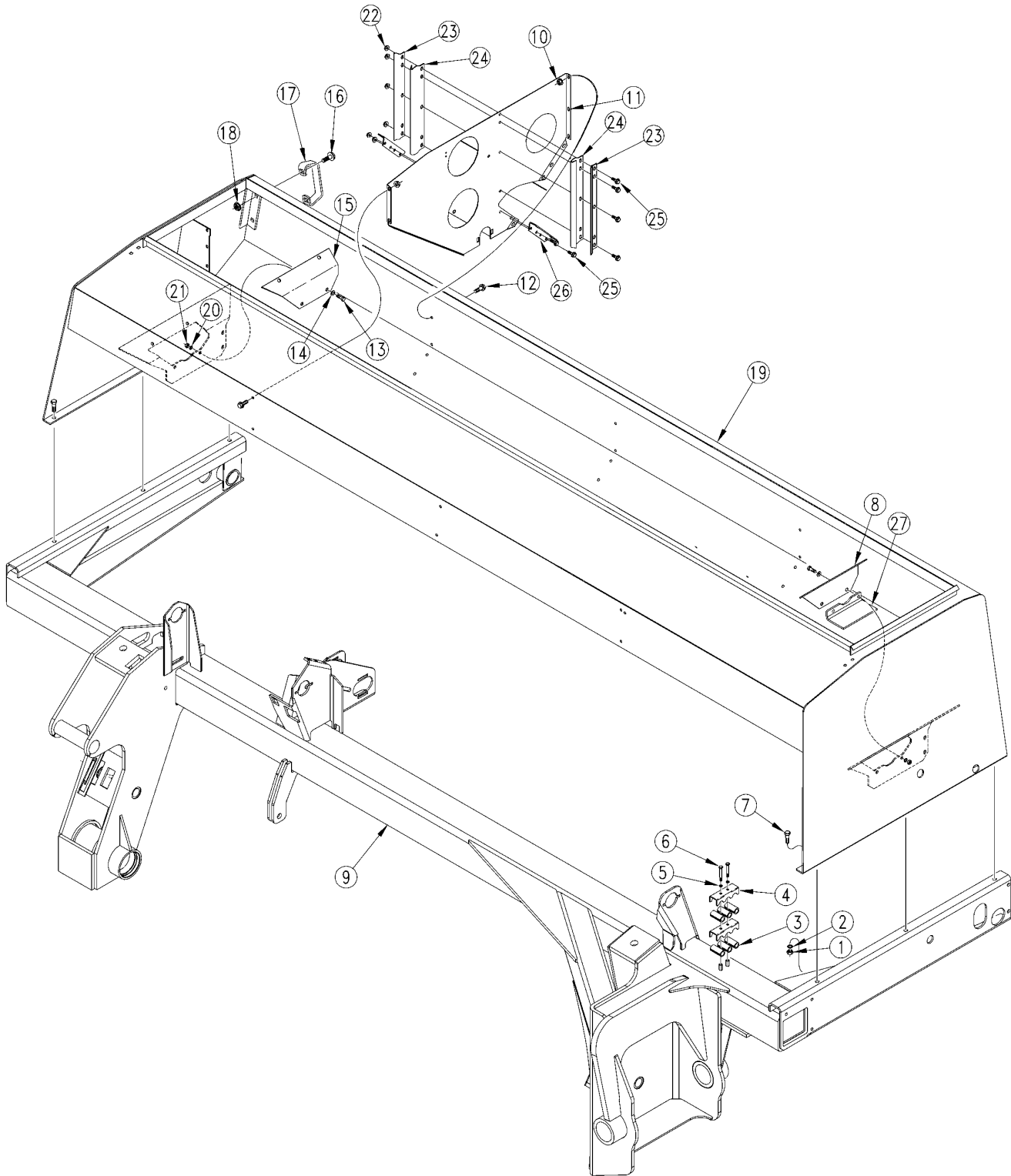
Left Hand Box And Frame

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18806	Image No.		
1.	113-370D	1/4 MARKER HYD HOSE GUARD		
2.	119-190D	HANDLE		
3.	194-182H	3S-4000 LH WING FRAME		
4.	194-273D	3S TORSION SPRING HANDLE LH		
5.	195-100D	3S BOX PARTITION		
6.	195-101D	INTERIOR ENDPANEL COVER LH		
7.	195-102D	INTERIOR ENDPANEL COVER RH		
8.	195-159D	SUBFRAME LOCK HOOK		
9.	195-160D	GAUGE WHEEL LOCK PIN		
10.	195-244H	3S-4000 SEED BOX		
11.	196-112D	RPBY 196-146D		
12.	802-034C	HHCS 1/2-13X1 1/4 GR5		
13.	802-079C	HHCS 3/8-16X1 1/4 GR5		
14.	802-138C	HHCS 5/16-18X2 1/4 GR5		
15.	802-203C	HFSS 1/2-13X1 1/2 GR5		
16.	802-387C	HFS 5/16-18X3/4 GR5		
17.	803-011C	NUT LOCK 5/16-18 PLT		
18.	803-014C	NUT HEX 3/8-16 PLT		
19.	803-020C	NUT HEX 1/2-13 PLT		
20.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
21.	803-199C	NUT HEX FLANGE 5/16-18 PLT		
22.	804-009C	WASHER LOCK SPRING 5/16 PLT		
23.	804-011C	WASHER FLAT 3/8 USS PLT		
24.	804-013C	WASHER LOCK SPRING 3/8 PLT		
25.	804-015C	WASHER LOCK SPRING 1/2 PLT		
26.	816-241C	RUBBER HANDLE GRIP.207IDX3 1/2		
27.	802-004C	HHCS 1/4-20X3/4 GR5		
28.	817-042C	MINI END WHEEL PRESS WHEEL		
29.	803-293C	NUT HEX FLNG T-LOCK 1/4-20 YLW		
30.	817-516C	MANUAL PAK 1" W/ GASKET		
31.	248-251D	MANUAL PAK MOUNTING PLATE		
32.	838-482C	DECAL GP PLANTING COMPONENTS		
33.	195-242B	3S-4000 SEEDRATE BOOK		
34.	148-613D	BOX SUPPORT ANGLE		

Fertilizer Box To Frame

(Applies to 3S-4000 HD, 3S-4000 HDF only)



21522

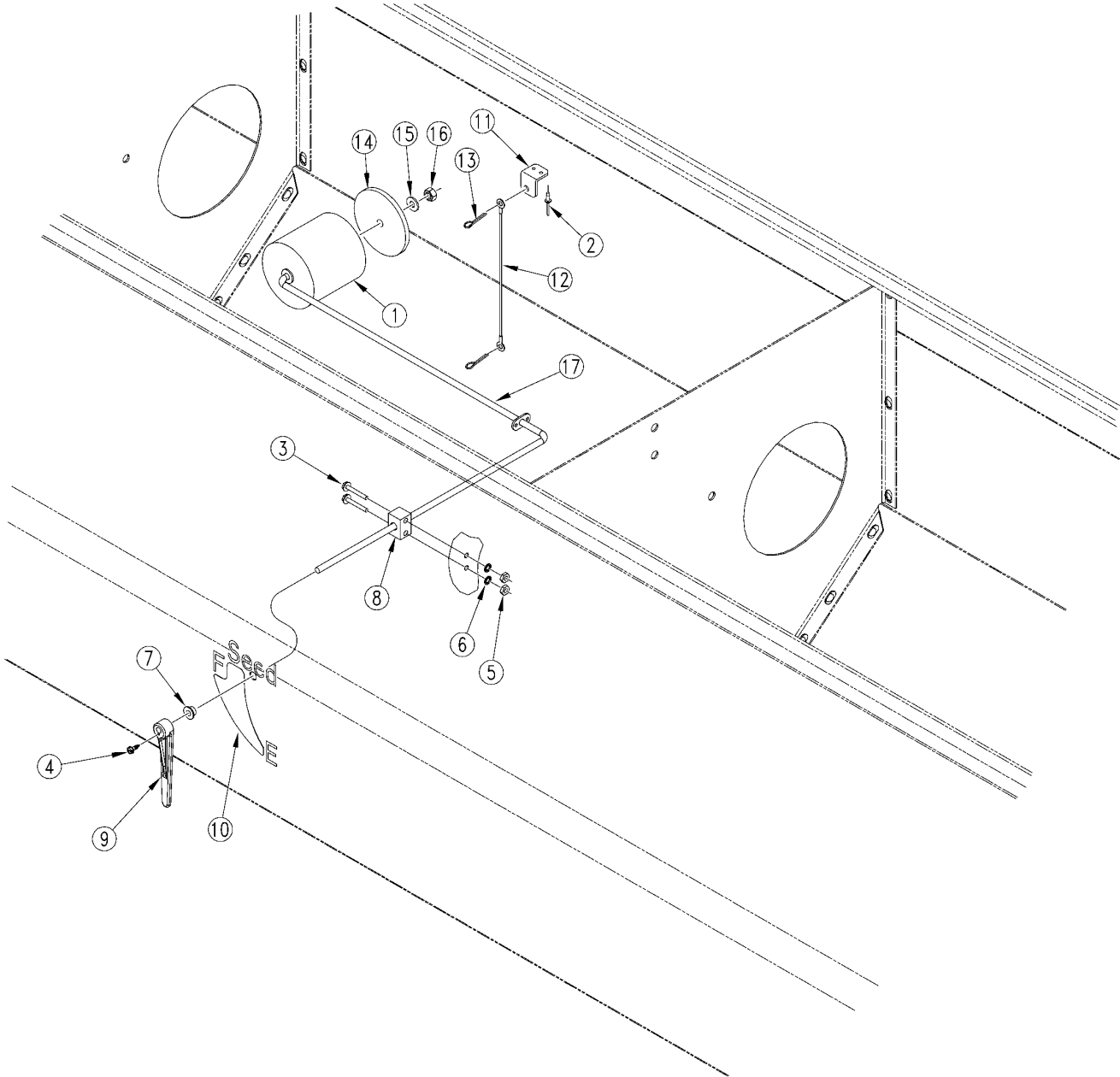
Fertilizer Box To Frame

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg21522	Image No.		
1.	803-020C	NUT HEX 1/2-13 PLT		
2.	804-015C	WASHER LOCK SPRING 1/2 PLT		
3.	113-370D	1/4 MARKER HYD HOSE GUARD		
4.	196-112D	RPBY 196-146D		
5.	804-009C	WASHER LOCK SPRING 5/16 PLT		
6.	802-138C	HHCS 5/16-18X2 1/4 GR5		
7.	802-034C	HHCS 1/2-13X1 1/4 GR5		
8.	195-101D	INTERIOR ENDPANEL COVER LH		
9.	194-182H	3S-4000 LH WING FRAME		
9.	194-183H	3S-4000 RH WING FRAME		
9.	194-184H	3S-4000 CENTER BOX FRAME		
10.	803-199C	NUT HEX FLANGE 5/16-18 PLT		
11.	195-100D	3S BOX PARTITION		
12.	802-387C	HFS 5/16-18X3/4 GR5		
13.	802-079C	HHCS 3/8-16X1 1/4 GR5		
14.	804-011C	WASHER FLAT 3/8 USS PLT		
15.	195-102D	INTERIOR ENDPANEL COVER RH		
16.	802-203C	HFSS 1/2-13X1 1/2 GR5		
17.	119-190D	HANDLE		
18.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
19.	175-219H	2600 SEED BOX		
20.	804-013C	WASHER LOCK SPRING 3/8 PLT		
21.	803-014C	NUT HEX 3/8-16 PLT		
22.	803-177C	803-184 FLG TP LK 5/16-18ZNYCR		
23.	195-207D	DIVIDER CLIP OUTER		
24.	195-206D	DIVIDER CLIP INNER		
25.	802-442C	HFSS 5/16-18X1 1/4		
26.	195-205D	DIVIDER ANGLE BRACKET		
27.	148-613D	BOX SUPPORT ANGLE		

Seed Level Indicator

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18807

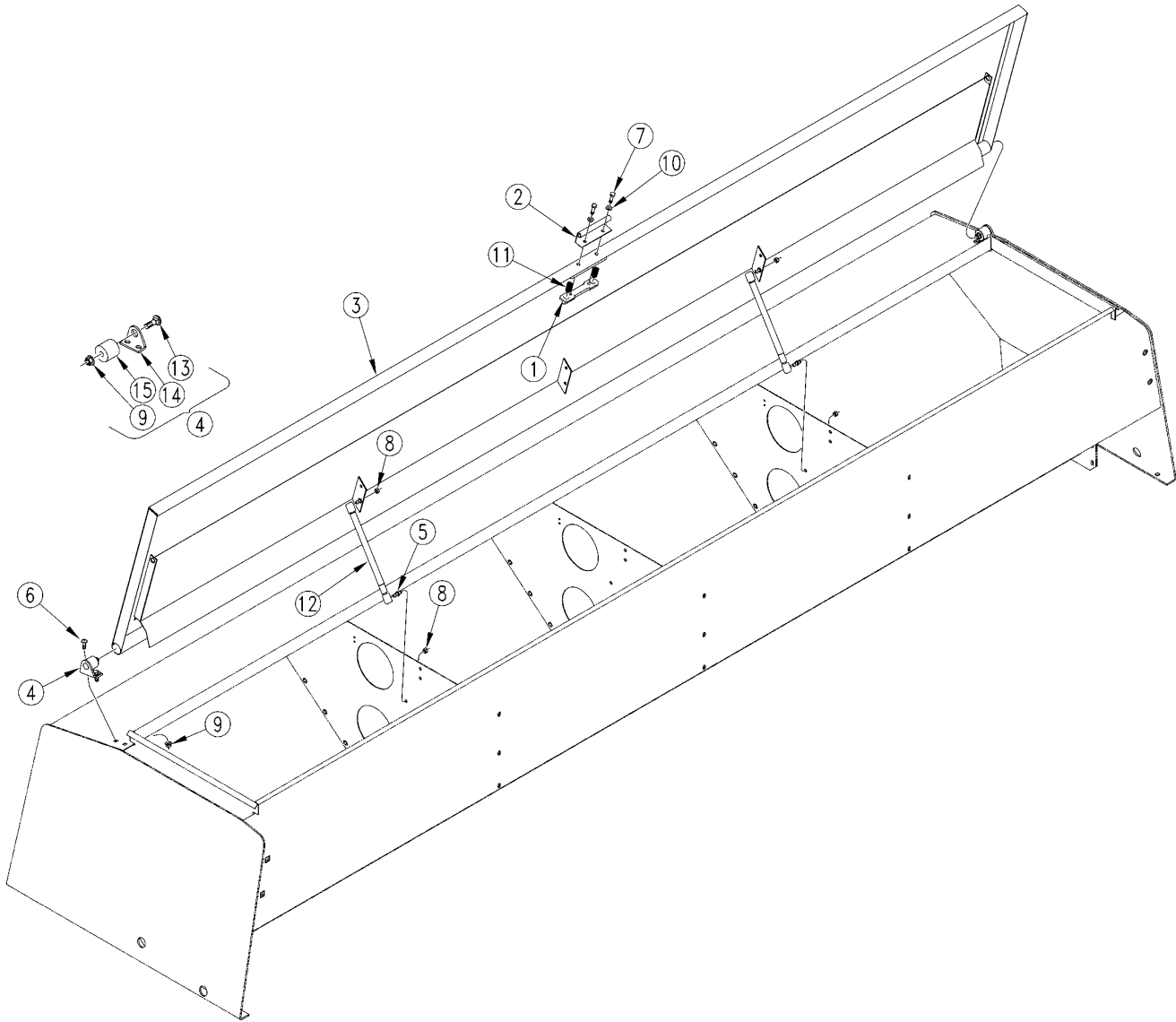
Seed Level Indicator

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18807	Image No.		
1.	197-089D	FOAM FLOAT		
2.	800-101C	RIVET POP 1/8X.265LG FLG		
3.	801-096C	HFS 10-24 X 1 1/8 PLTD		
4.	801-154C	SCR HEX HD SHT MET #8 X 1/2		
5.	803-001C	NUT HEX 10-24 PLT		
6.	804-004C	WASHER INTERNAL STAR #10 PLT		
7.	817-086C	SEED LEVEL BUSHING		
8.	817-202C	SEED LEVEL ARM MOUNT		
9.	817-350C	SEED LEVEL INDICATOR		
10.	838-237C	DECAL SEED LEVEL LH		
11.	197-091D	SEED LEVEL CHAIN BRACKET		
12.	890-305C	CABLE 3/64 X 11 5/8 W/ EYELETS		
13.	805-067C	PIN COTTER 1/8 X 3/4		
14.	197-096D	FOAM FLOAT WASHER		
15.	804-075C	WASHER FLAT 1/4 USS PLT		
16.	803-003C	.00 HEX SS 1/4-20 NYLOCK		
17.	195-124H	3S SEED LEVEL ROD		

Lid To Box

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18808

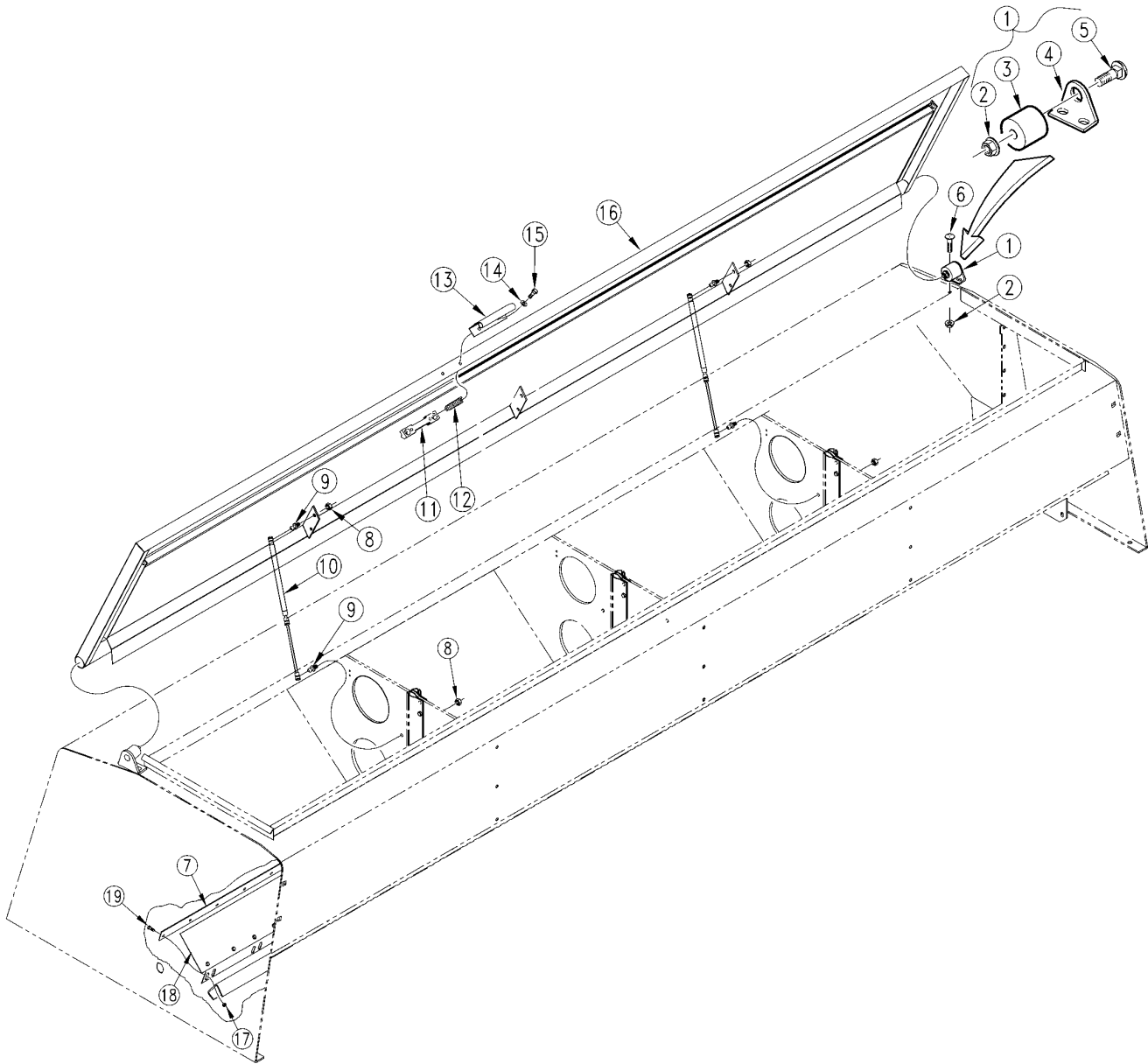
Lid To Box

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18808	Image No.		
1.	119-153D	LATCH CASTING MACHINED		
2.	119-154D	LID HANDLE		
3.	175-146H	13' EW SEED BOX LID		
4.	175-180S	13' EW LID HINGE ASSEMBLY	Contains 9,14-16.	
5.	800-121C	BALL STUD 10MM X 5/16-18 X 1/2		
6.	802-015C	RHSNB 3/8-16X1 GR5		
7.	802-425C	HHCS 5/16-18X1 1/4 NYL		
8.	803-011C	NUT LOCK 5/16-18 PLT		
9.	803-209C	NUT FLANGE LOCK 3/8-16 PLT		
10.	804-036C	WASHER FLAT 5/16 SAE PLT		
11.	807-106C	SPRING .540 O.D.X 1 1/4 X.054W		
12.	890-221C	12-20 X 90 LB GAS SPRING		
13.	802-411C	RHSNB 3/8-16X2 GR5		
14.	313-176D	LID HINGE BASE PLATE		
15.	313-186D	LID HINGE PIVOT		

Lid To Fertilizer Box

(Applies to 3S-4000 HD, 3S-4000 HDF only)



19312

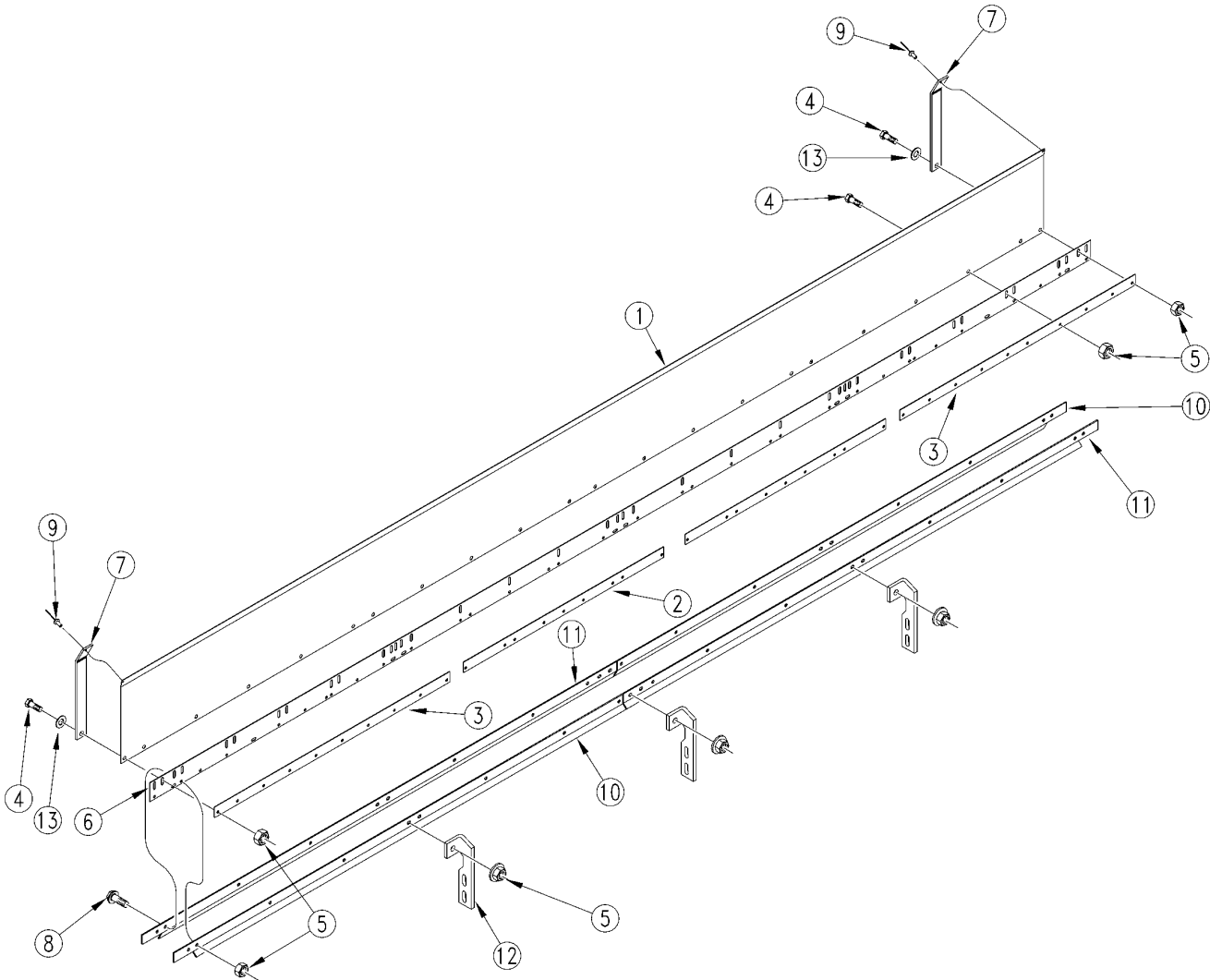
Lid To Fertilizer Box

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg19312	Image No.		
1.	175-180S	13' EW LID HINGE ASSEMBLY		
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.	195-198D	HINGE CLAMP STRIP ENDS		
7.	195-197D	HINGE CLAMP STRIP CTR		
8.	803-011C	NUT LOCK 5/16-18 PLT		
9.	800-121C	BALL STUD 10MM X 5/16-18 X 1/2		
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.	175-146H	13' EW SEED BOX LID		
17.	803-088C	NUT HEX LOCK 1/4-20 FLG		
18.	195-177S	SEED/FERT FLAP SUBASSY		
19.	802-375C	HFSS 1/4-20X1 GR5		

Fertilizer Spill Flap (175-190S)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



16579

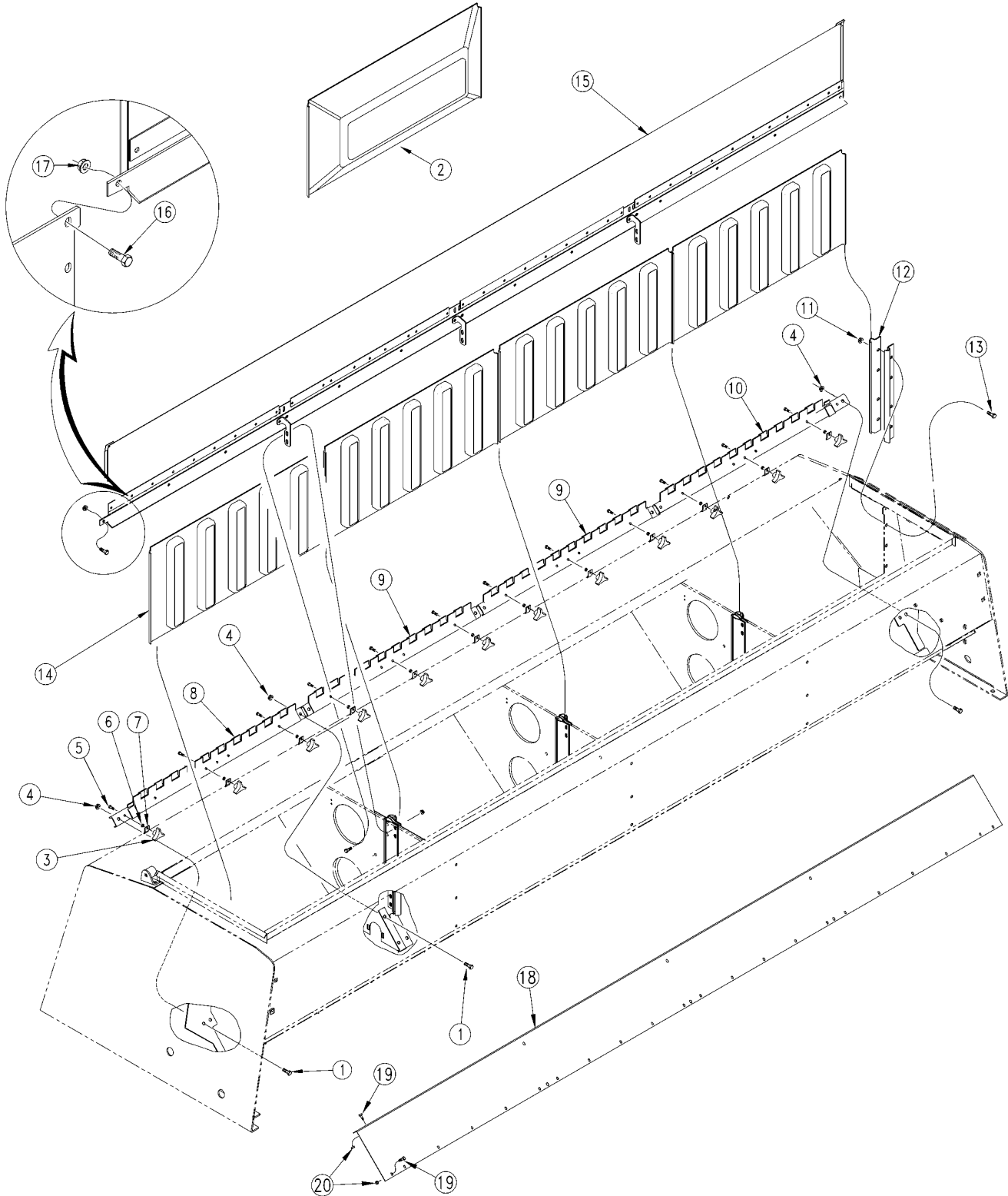
Fertilizer Spill Flap (175-190S)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16579	Image No.		
1.	175-331D	1300 SPILL FLAP		
2.	195-197D	HINGE CLAMP STRIP CTR		
3.	175-327D	1300 HINGE CLAMP STRIP END		
4.	802-078C	HHCS 1/4-20X5/8 GR5		
5.	803-088C	NUT HEX LOCK 1/4-20 FLG		
6.	816-291C	RUBBER BELTING HINGE 13 EW		
7.	816-278C	RUBBER BELTING SEAL STRIP		
8.	802-375C	HFSS 1/4-20X1 GR5		
9.	800-012C	RIVET SS 1/8 DIA		
10.	175-325D	1300 DIVIDER CLAMP ANGLE SHORT		
11.	175-326D	1300 DIVIDER CLAMP ANGLE LONG		
12.	195-192D	TOP BAR PARTITION BRACE		
13.	804-007C	WASHER FLAT 1/4 SAE PLT		

Fertilizer Box Dividers

(Applies to 3S-4000 HD, 3S-4000 HDF only)



19314

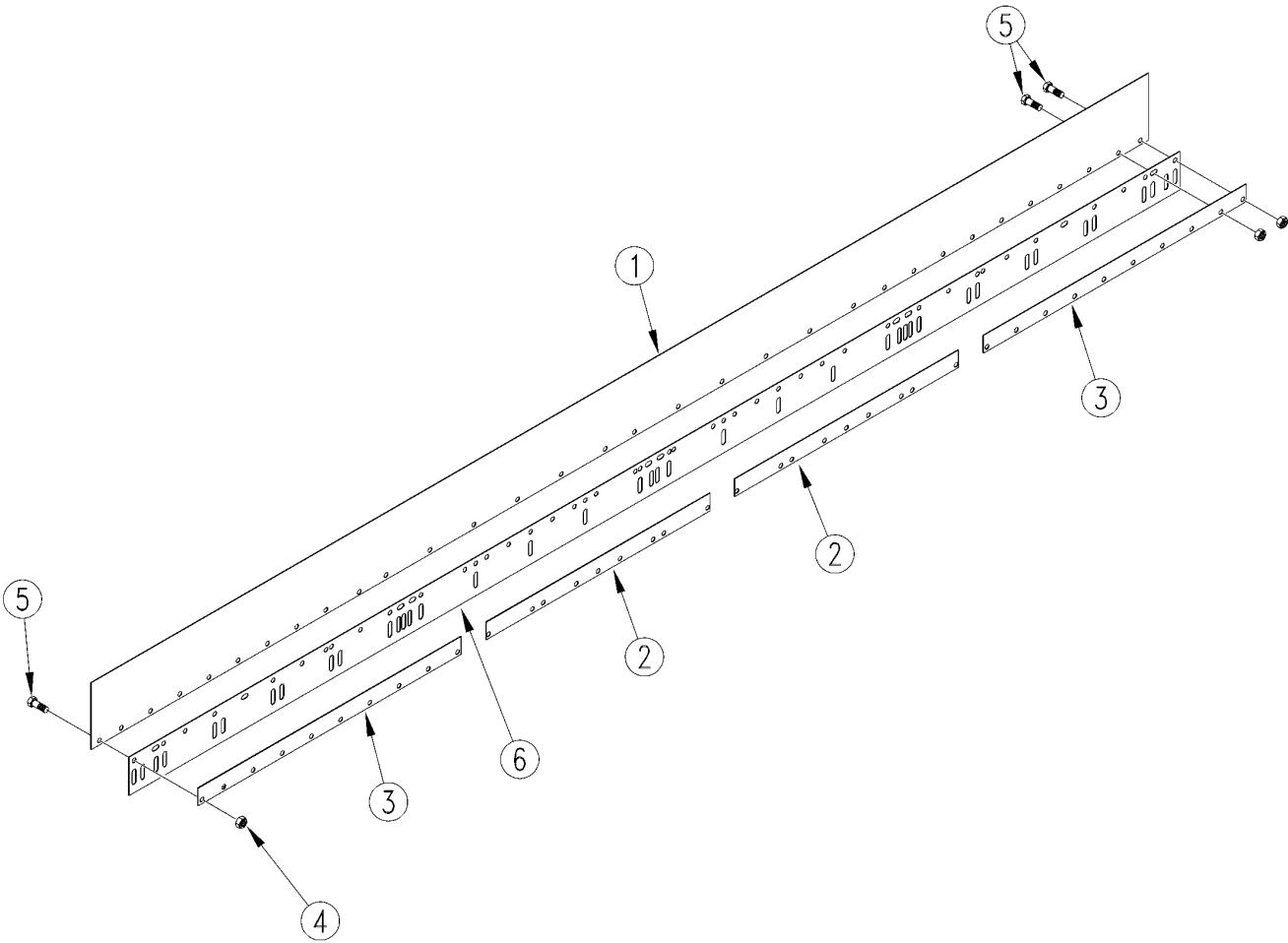
Fertilizer Box Dividers

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg19314	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.	817-321C	DIVIDER INSERT 33 X NO OFFSET		
15.	175-190S	1300 SPILL FLAP SUB ASSEMBLY		
16.	802-375C	HFSS 1/4-20X1 GR5		
17.	803-088C	NUT HEX LOCK 1/4-20 FLG		
18.	175-289D	13' EW FERTILIZER CAP PLATE		
19.	802-196C	HFSS 1/4-20X5/8 GR5		
20.	803-088C	NUT HEX LOCK 1/4-20 FLG		

Seed / Fertilizer Flap (175-191S)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



16578

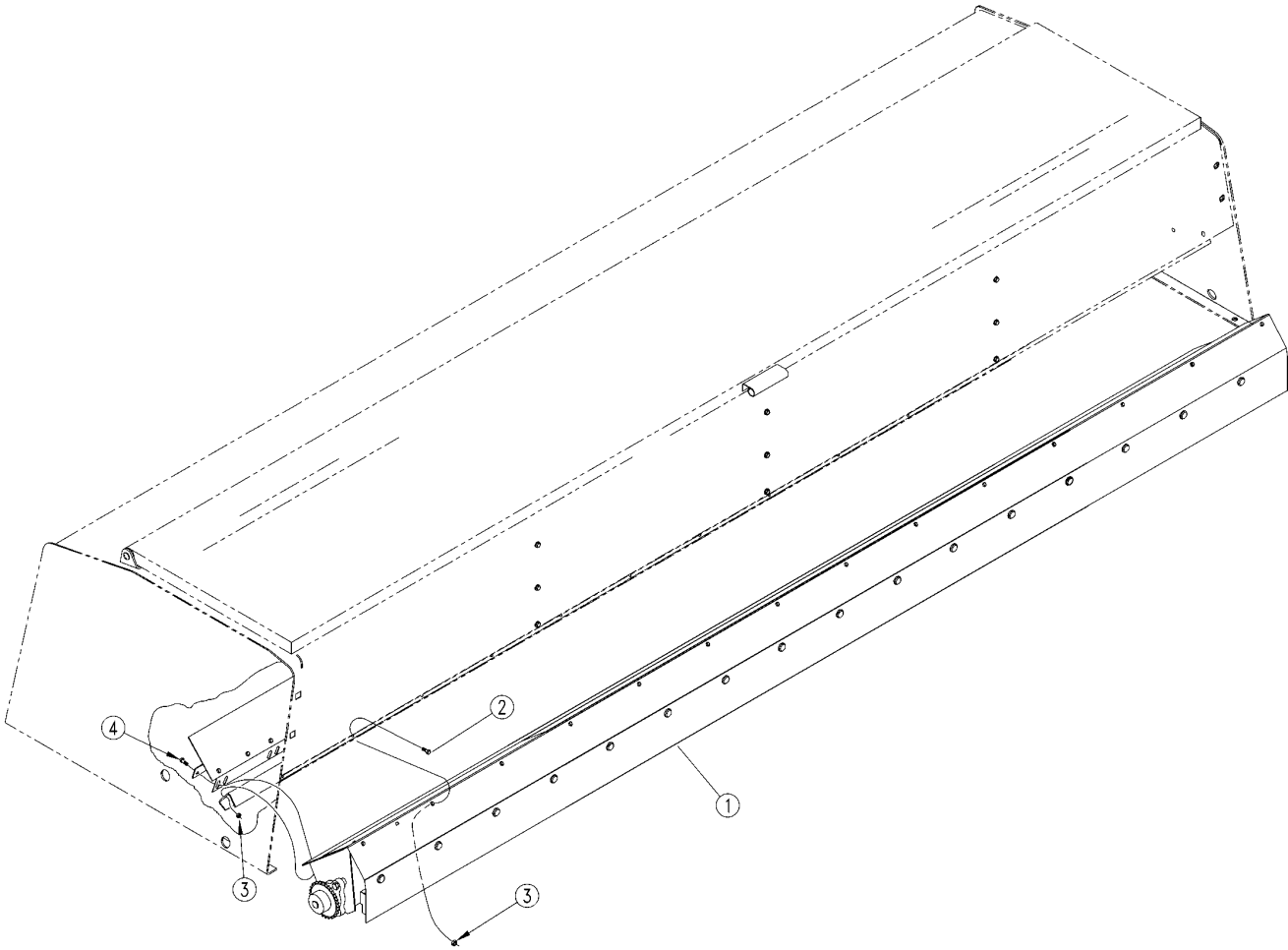
Seed / Fertilizer Flap (175-191S)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16578	Image No.		
1.	175-332D	1300 SEED/FERT SELECT FLAP		
2.	195-197D	HINGE CLAMP STRIP CTR		
3.	175-327D	1300 HINGE CLAMP STRIP END		
4.	803-007C	NUT-LOCK 1/4-20 PLT		
5.	802-078C	HHCS 1/4-20X5/8 GR5		
6.	816-291C	RUBBER BELTING HINGE 13 EW		

Fertilizer Tray To Box

(Applies to 3S-4000 HD, 3S-4000 HDF only)



19316

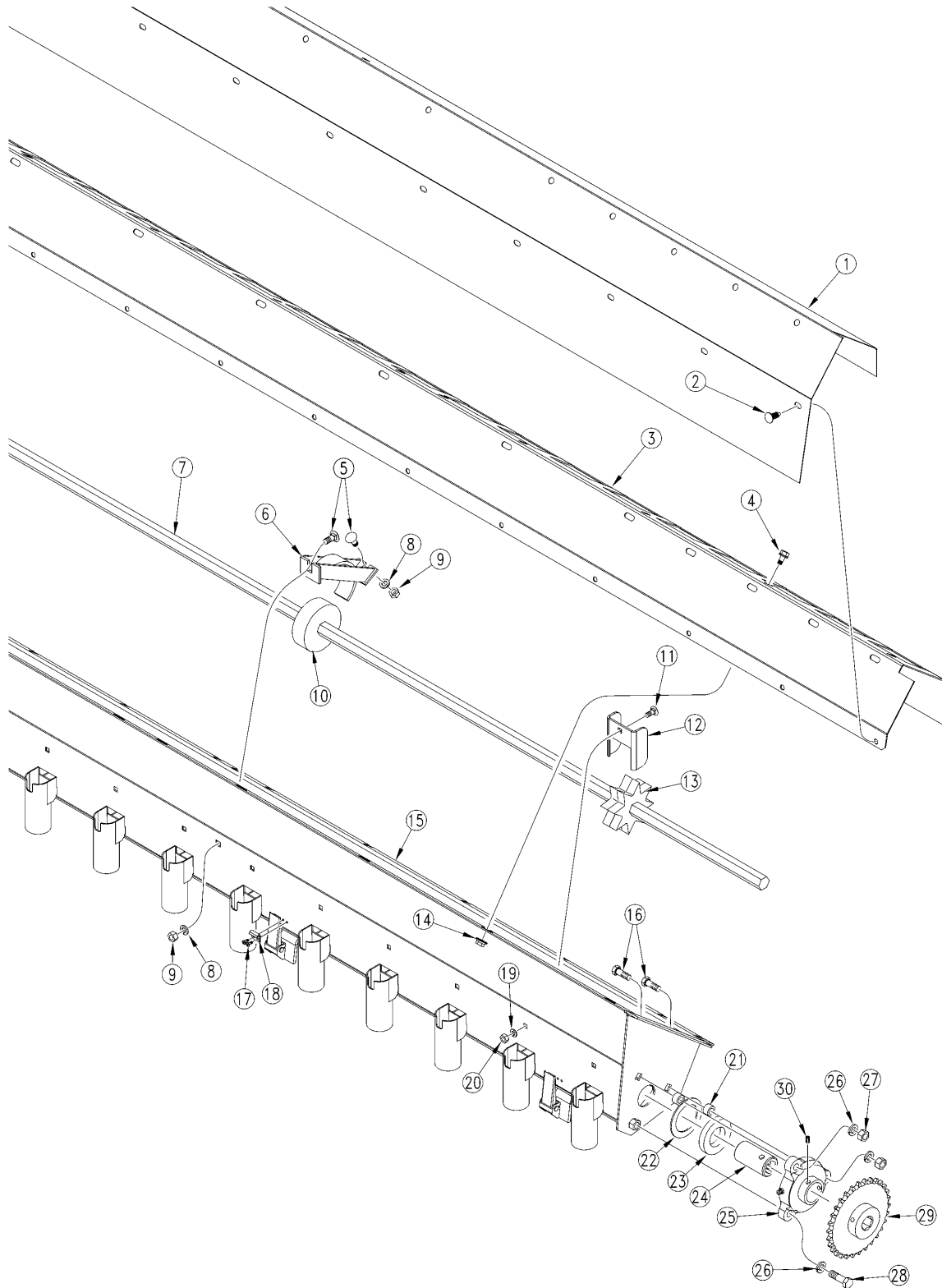
Fertilizer Tray To Box

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg19316	Image No.		
1.	195-223K	2600 RH FERT TRAY ASSY 6		
1.	195-224K	2600 RH FERT TRAY ASSY 7 1/2		
1.	195-225K	2600 RH FERT TRAY ASSY 10		
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-4000 HD, 3S-4000 HDF only)



27430

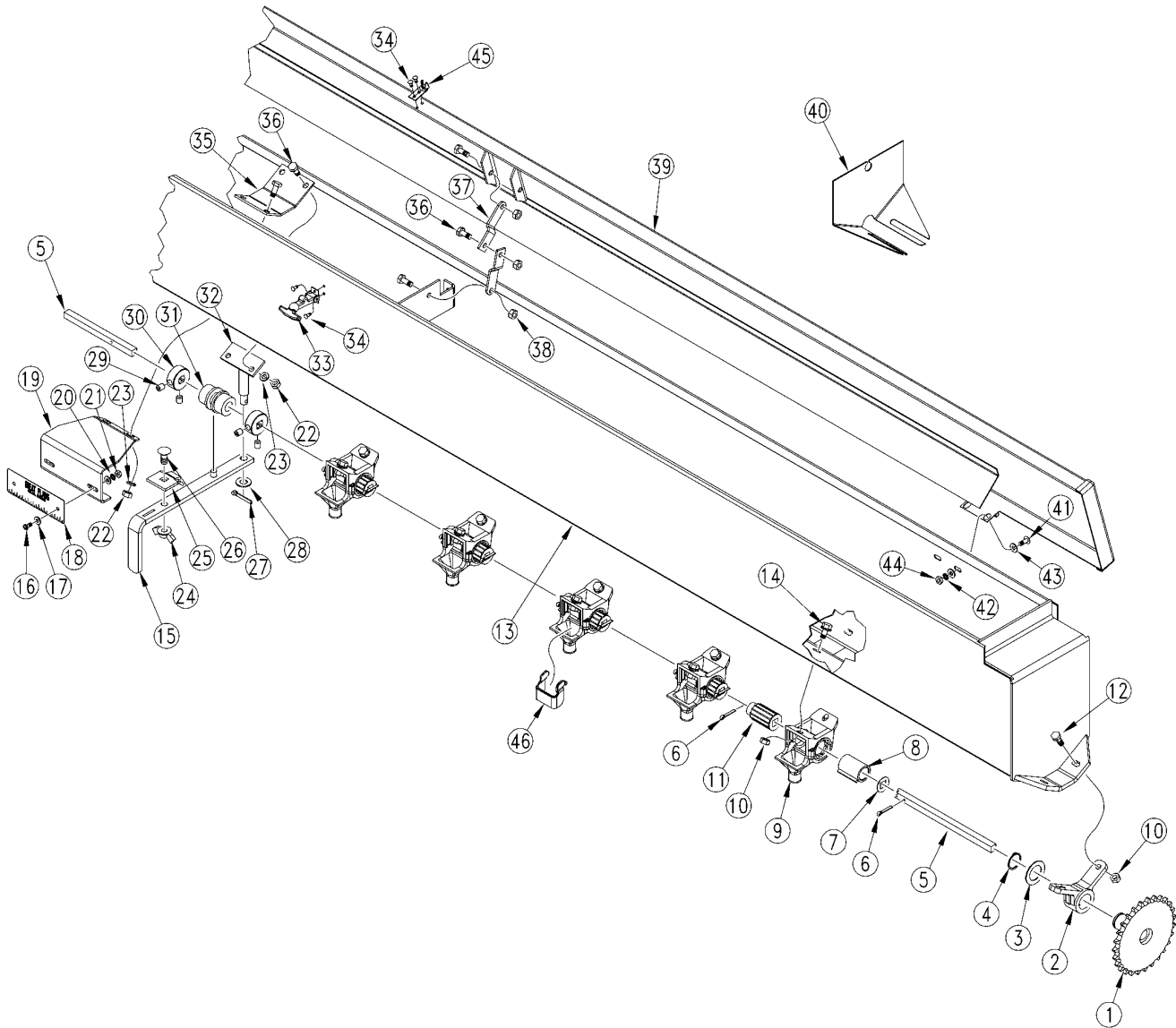
Fertilizer Tray

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg27430	Image No.		
1.	816-292C	VINYL FERT DEW SHIELD 13 EW		
2.	817-323C	NYLON RATCHET (TREE RIVET)		
3.	175-338D	1300 FERT TRAY ADAPTER PANEL		
4.	802-148C	HFSS 1/4-20X1/2 GR5		
5.	802-092C	RHSNB 5/16-18X3/4 GR5		
6.	175-102H	13' EW FERT BRG RETAINER		
7.	175-341D	1300 AGITATOR SHAFT		
8.	804-009C	WASHER LOCK SPRING 5/16 PLT		
9.	803-008C	NUT HEX 5/16-18 PLT		
10.	191-002D	MF FERT HEX BORE PLASTIC BUSH		
11.	802-633C	RHSNB 1/4-20X5/8 PLT		
12.	191-018D	MF FERT STAR RETAINER SIDE PLT		
13.	817-053C	6 POINT FERT METERING WHEEL		
14.	803-088C	NUT HEX LOCK 1/4-20 FLG		
15.	175-184H	1300 FERT TRAY WELDMENT 10		
15.	175-183H	1300 FERT TRAY WELDMENT 6		
15.	175-182H	1300 FERT TRAY WELDMENT 7 1/2		
16.	802-252C	RHSNB 3/8-16X1 3/4 GR5		
17.	800-012C	RIVET SS 1/8 DIA		
18.	800-032C	LATCH STRIKE		
19.	804-006C	WASHER LOCK SPRING 1/4 PLT		
20.	803-006C	NUT HEX 1/4-20 PLT		
21.	141-084D	TRAY BRG SPACER		
22.	804-048C	WASHER MACH 2.50 X1.75 X .075		
23.	890-026C	FELT SEAL		
24.	191-001D	MF FERT .75 HEX BORE BUSHING		
25.	822-083C	BRG FLG 1.25ID 3BOLT		
26.	804-013C	WASHER LOCK SPRING 3/8 PLT		
27.	803-014C	NUT HEX 3/8-16 PLT		
28.	802-079C	HHCS 3/8-16X1 1/4 GR5		
29.	808-086C	SPKT 40B30 X 3/4 HEXBORE W/ SS		
30.	801-009C	SCREW SET 1/4-28 SH X 1/2 LG		

Small Seeds Box Components

(Applies to 3S-4000 HD, 3S-4000 HDF only)



27429

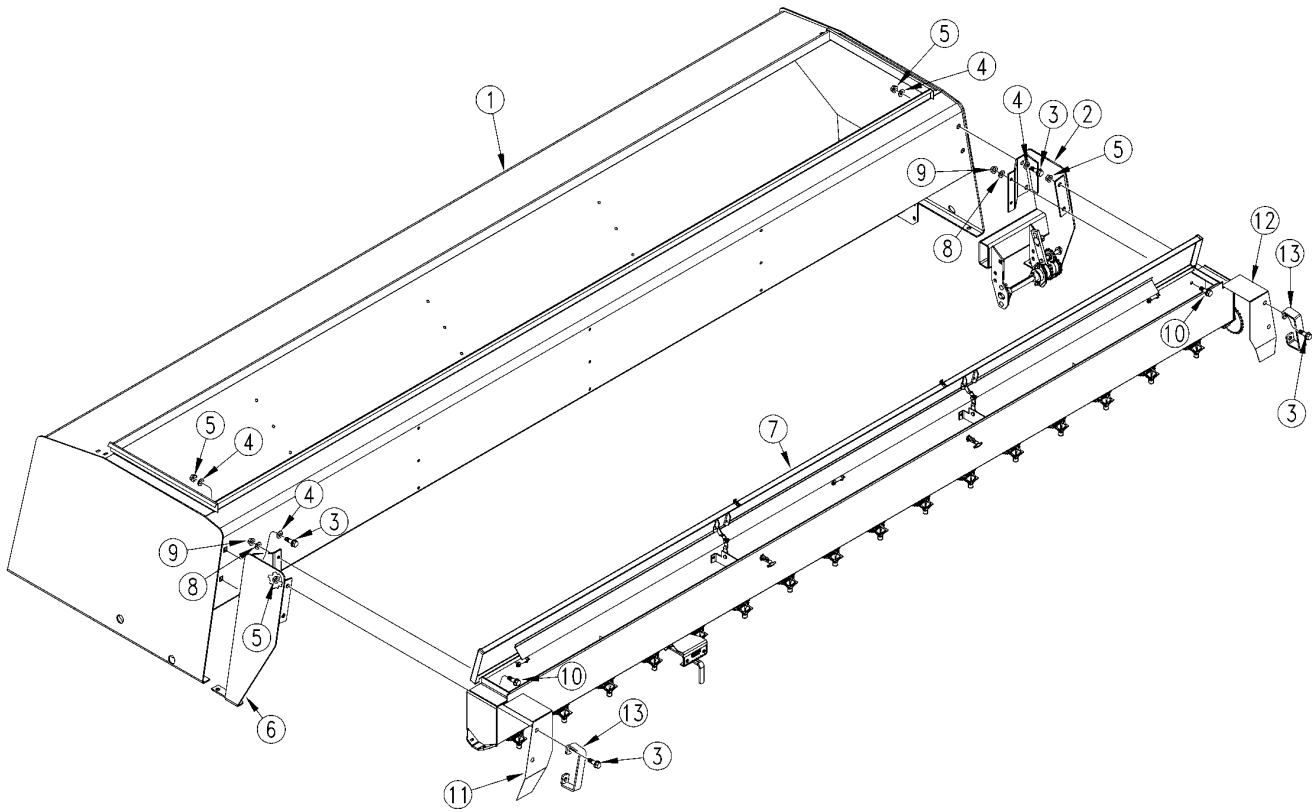
Small Seeds Box Components

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg27429	Image No.		
1.	123-834H	SML SDS DRIVE SPKT HUB 27T		
2.	817-026C	HANGER DRIVE SHAFT		
3.	804-044C	WASHER MACH 1.38 X .876 X .048		
4.	800-028C	SNAP RING .875		
5.	133-056D	2600 SML SDS CUP SHAFT 6 IN		
6.	805-076C	PIN ROLL 3/16 X 1 3/4 PLT.		
7.	804-042C	WASHER GRASS SEEDER CUP SHAFT		
8.	817-009C	GRASS SEEDER SLEEVE		
9.	817-504C	SML SEED FEEDER CUP ASSY		
10.	803-006C	NUT HEX 1/4-20 PLT		
11.	817-010C	GRASS SEEDER SPROCKET		
12.	802-004C	HHCS 1/4-20X3/4 GR5		
13.	133-061H	1300 SML SDS BOX 6 IN		
13.	133-062H	1300 SML SDS BOX 7.5 IN		
13.	133-063H	1300 SML SDS BOX 10 IN		
14.	802-148C	HFSS 1/4-20X1/2 GR5		
15.	123-476H	REAR SEED RATE ADJ HANDLE WLD		
16.	801-001C	SCREW RD HD 8-32 X 3/8 BRASS		
17.	804-003C	WASHER FLAT #8 BRASS		
18.	819-041C	SEED ADJUSTMENT GUIDE		
19.	123-410D	GAUGE MOUNTING BRACKET		
20.	804-002C	WASHER INTERNAL STAR #8 BRASS		
21.	803-035C	NUT HEX 8-32 BRASS		
22.	803-006C	NUT HEX 1/4-20 PLT		
23.	804-006C	WASHER LOCK SPRING 1/4 PLT		
24.	803-058C	NUT WING 5/16-18		
25.	123-113D	LOCK TAB		
26.	802-092C	RHSNB 5/16-18X3/4 GR5		
27.	805-019C	PIN COTTER 5/32 X 1 PLT		
28.	804-012C	WASHER FLAT 3/8 SAE PLT		
29.	801-035C	SCREW SET 5/16-18 SKT KP X 3/8		
30.	890-349C	3/8 SHAFT LOCKING COLLAR		
31.	123-116D	SEED ADJUSTMENT SPOOL		
32.	123-050H	ADJUSTMENT HANDLE PIVOT		
33.	816-112C	RUBBER LATCH 37-11-065-10		
34.	800-101C	RIVET POP 1/8 .125 AD42BSLF		
35.	123-118D	SEED ADJUSTMENT SUPPORT		
36.	802-078C	HHCS 1/4-20X5/8 GR5		
37.	123-356D	10' EWNT SGS LID LATCH		
38.	803-007C	NUT LOCK 1/4-20 PLT		
39.	133-064H	1300 SML SDS LID		
40.	123-409D	RMVBL SMALL SEED BOX PARTITION		
41.	801-003C	SCREW RD HD SLT 10-24X1/2 PLT		
42.	804-004C	WASHER INTERNAL STAR #10 PLT		
43.	804-046C	WASHER FLAT #10 SAE PLT		
44.	803-001C	NUT HEX 10-24 PLT		
45.	816-113C	LATCH KEEPER 37-15-061-17		
46.	817-806C	SMALL SEEDS CUP WIND SHIELD		

Small Seeds Box Mounting

(Applies to 3S-4000 HD, 3S-4000 HDF only)



27425

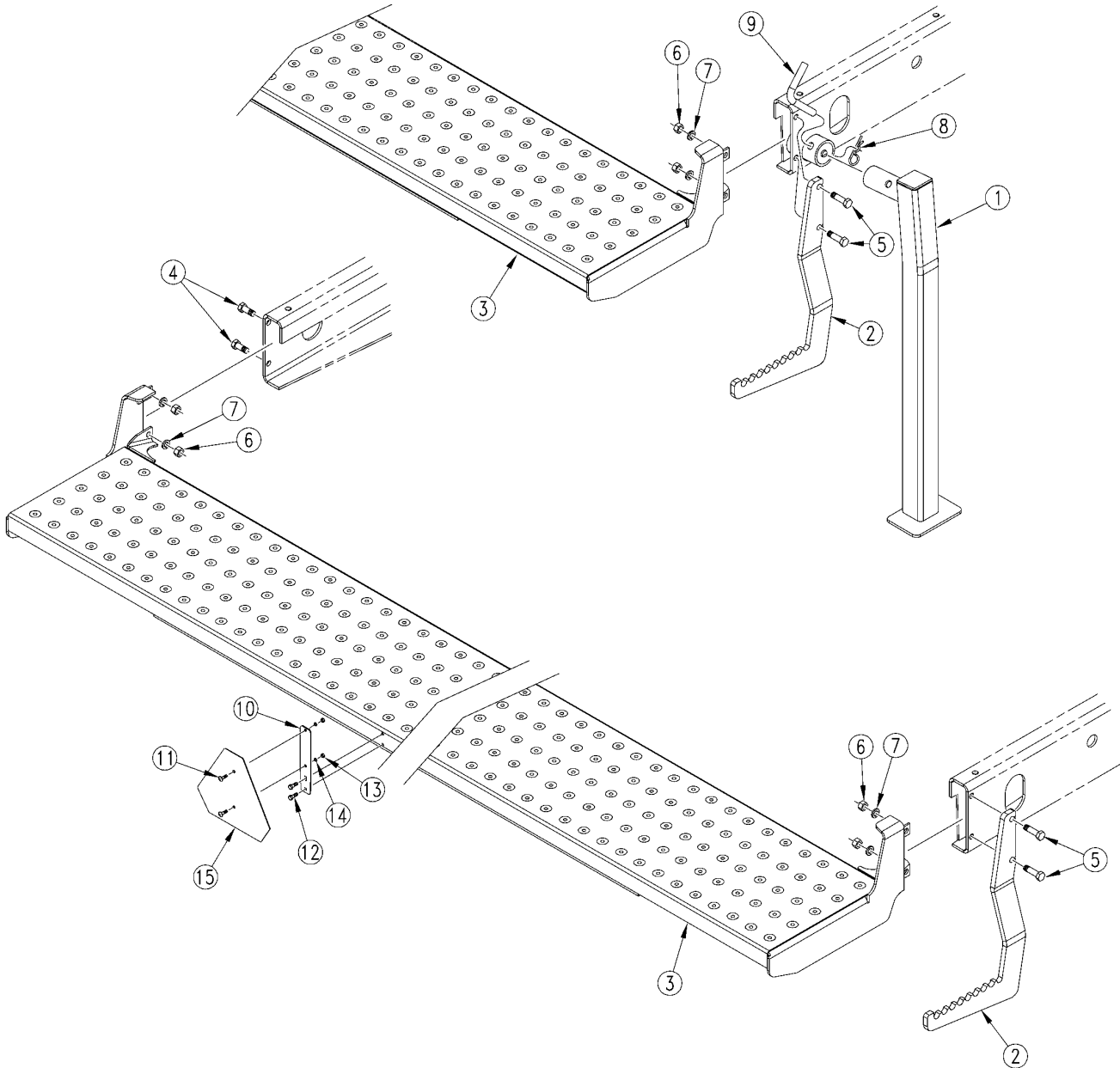
Small Seeds Box Mounting

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg27425	Image No.		
1.	195-244H	3S-4000 SEED BOX		
2.	133-163K	2600 SMLSDS RH MOUNT&DRIVE ASY		
3.	802-203C	HFSS 1/2-13X1 1/2 GR5		
4.	804-016C	WASHER FLAT 1/2 SAE PLT		
5.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
6.	133-158H	SML SDS LH MOUNT WLDM		
7.	133-153K	2600 SML SDS RH BOX ASY 6 IN		
7.	133-155K	2600 SML SDS RH BOX ASY 7.5 IN		
7.	133-157K	2600 SML SDS RH BOX ASY 10 IN		
8.	804-013C	WASHER LOCK SPRING 3/8 PLT		
9.	803-014C	NUT HEX 3/8-16 PLT		
10.	802-388C	HFS 3/8-16X1 GR5		
11.	123-491D	HANDLE MOUNT LH CHAIN GUARD		
12.	123-492D	HANDLE MOUNT RH CHAIN GUARD		
13.	119-190D	HANDLE		

Walkboards And Steps (YY1722-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18810

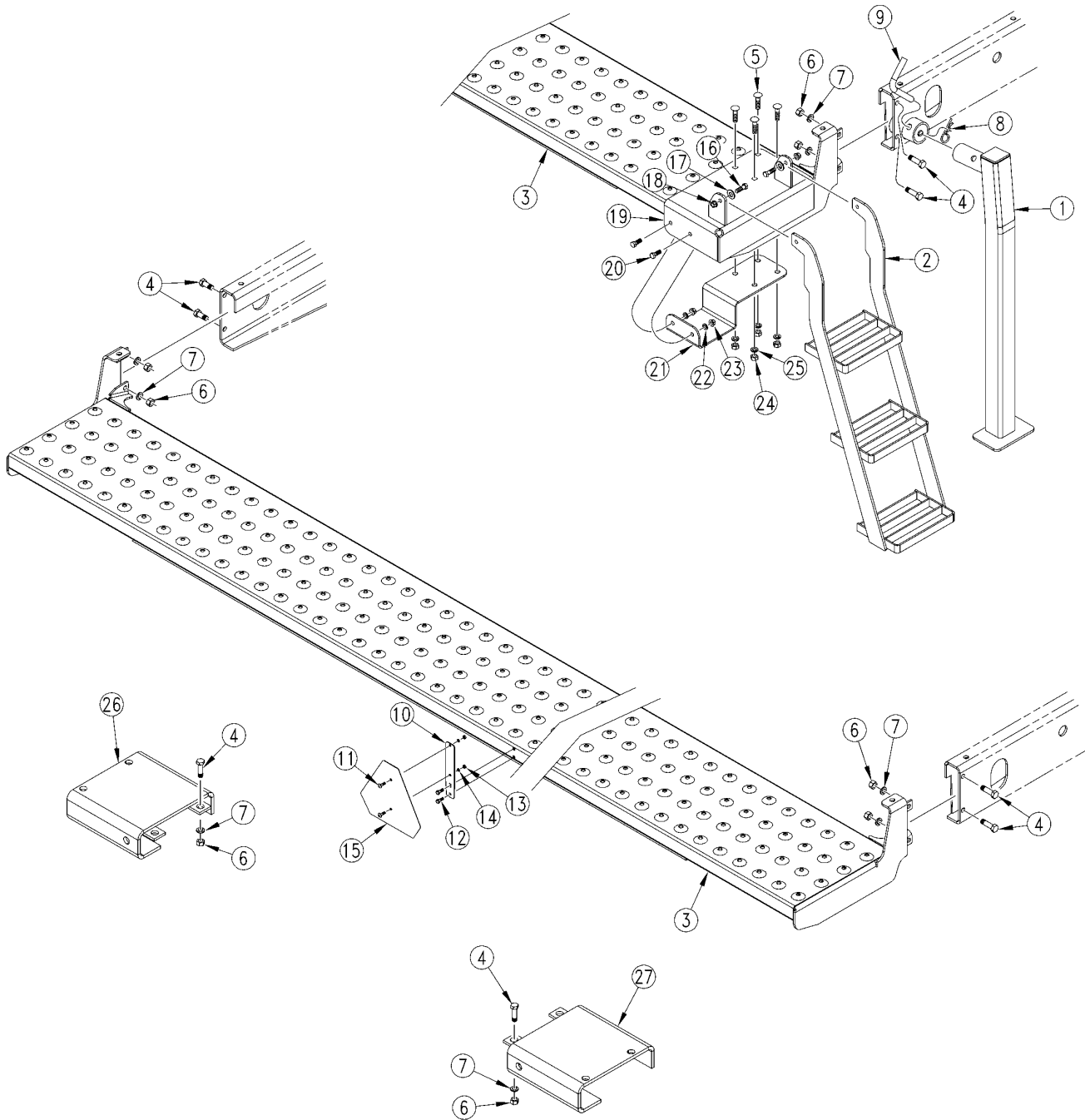
Walkboards And Steps (YY1722-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18810	Image No.		
1.	194-135H	PARKING STAND LEG		
2.	195-122D	STEP RH		
2.	195-121D	STEP LH		
3.	195-193H	2S-2600 WALKBOARD		
4.	802-034C	HHCS 1/2-13X1 1/4 GR5		
5.	802-082C	HHCS 1/2-13X1 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.	133-070D	3000 SMV MOUNTING BLADE		
11.	801-018C	SCREW RD HD 1/4-20 X 5/8		
12.	801-076C	SCR SELF TAPPING 3/8X1		
13.	803-006C	NUT HEX 1/4-20 PLT		
14.	804-006C	WASHER LOCK SPRING 1/4 PLT		
15.	818-055C	DECAL SLOW MOVING-GALV. BACKED		

Walkboards And Steps (YY1723+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



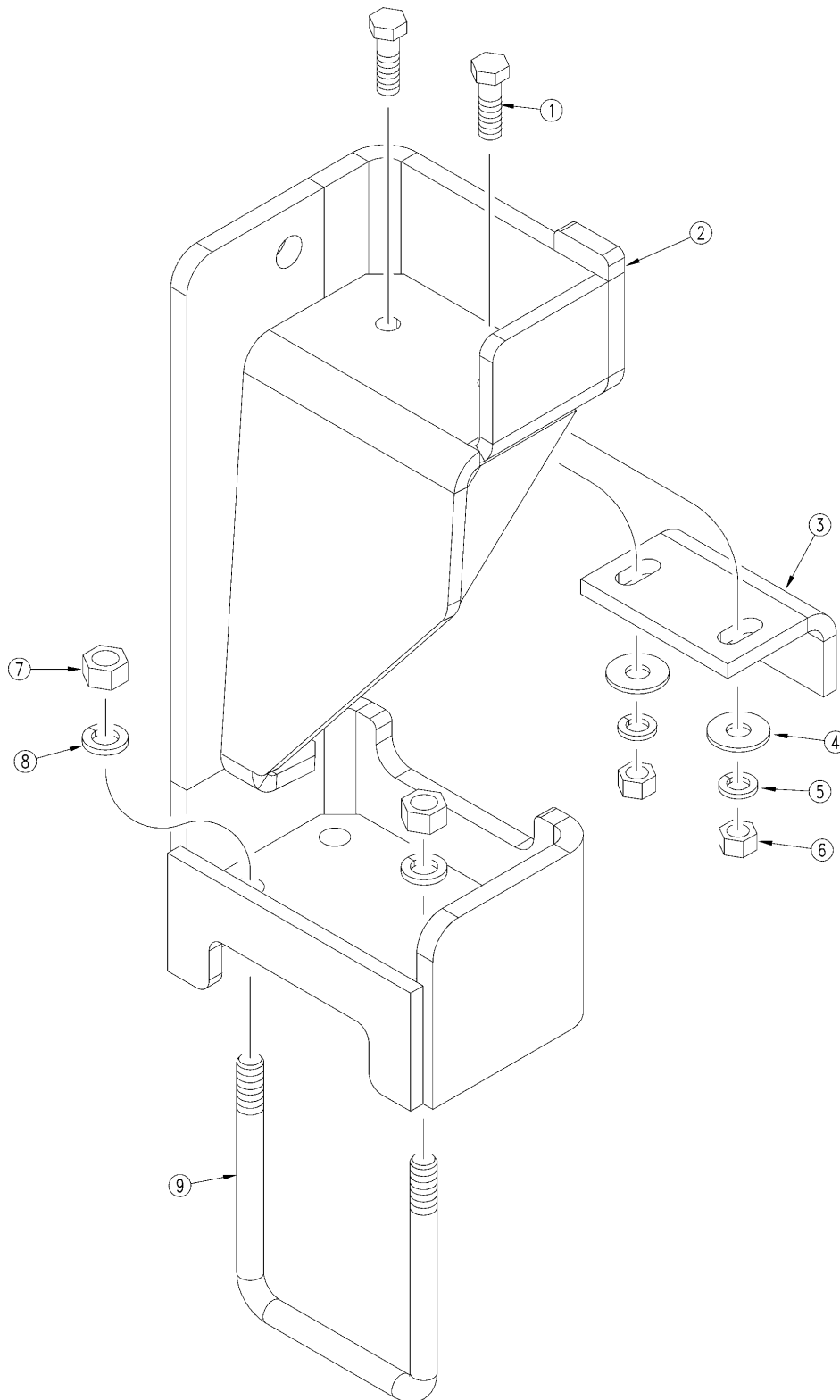
Walkboards And Steps (YY1723+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg31229	Image No.		
1.	194-135H	PARKING STAND LEG		
2.	195-062H	LADDER WELDMENT 3-STEP NARROW		
3.	195-193H	2S-2600 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.	133-070D	3000 SMV MOUNTING BLADE		
11.	801-018C	SCREW RD HD 1/4-20 X 5/8		
12.	801-076C	SCR SELF TAPPING 3/8X1		
13.	803-006C	NUT HEX 1/4-20 PLT		
14.	804-006C	WASHER LOCK SPRING 1/4 PLT		
15.	818-055C	DECAL SLOW MOVING-GALV. BACKED		
16.	802-079C	HHCS 3/8-16X1 1/4 GR5		
17.	804-016C	WASHER FLAT 1/2 SAE PLT		
18.	803-209C	NUT FLANGE LOCK 3/8-16 PLT		
19.	195-064H	LADDER MOUNT TOP WELDMENT RH	Shown	
19.	195-063H	LADDER MOUNT TOP WELDMENT LH		
20.	802-017C	HHCS 3/8-16X1 GR5		
21.	195-340D	LADDER MOUNT BOTTOM PLATE		
22.	804-013C	WASHER LOCK SPRING 3/8 PLT		
23.	803-068C	NUT HEX FLANGE 3/8-16 PLT		
24.	803-015C	NUT HEX 7/16-14 PLT		
25.	804-014C	WASHER LOCK 7/16 PLT		
26.	195-310H	WALKBOARD EXTENSION LH	LH Used with Small Seeds Only	
27.	195-311H	WALKBOARD EXTENSION RH	RH Used with Small Seeds Only	

Weight Bracket (S/N YY1458-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



24414

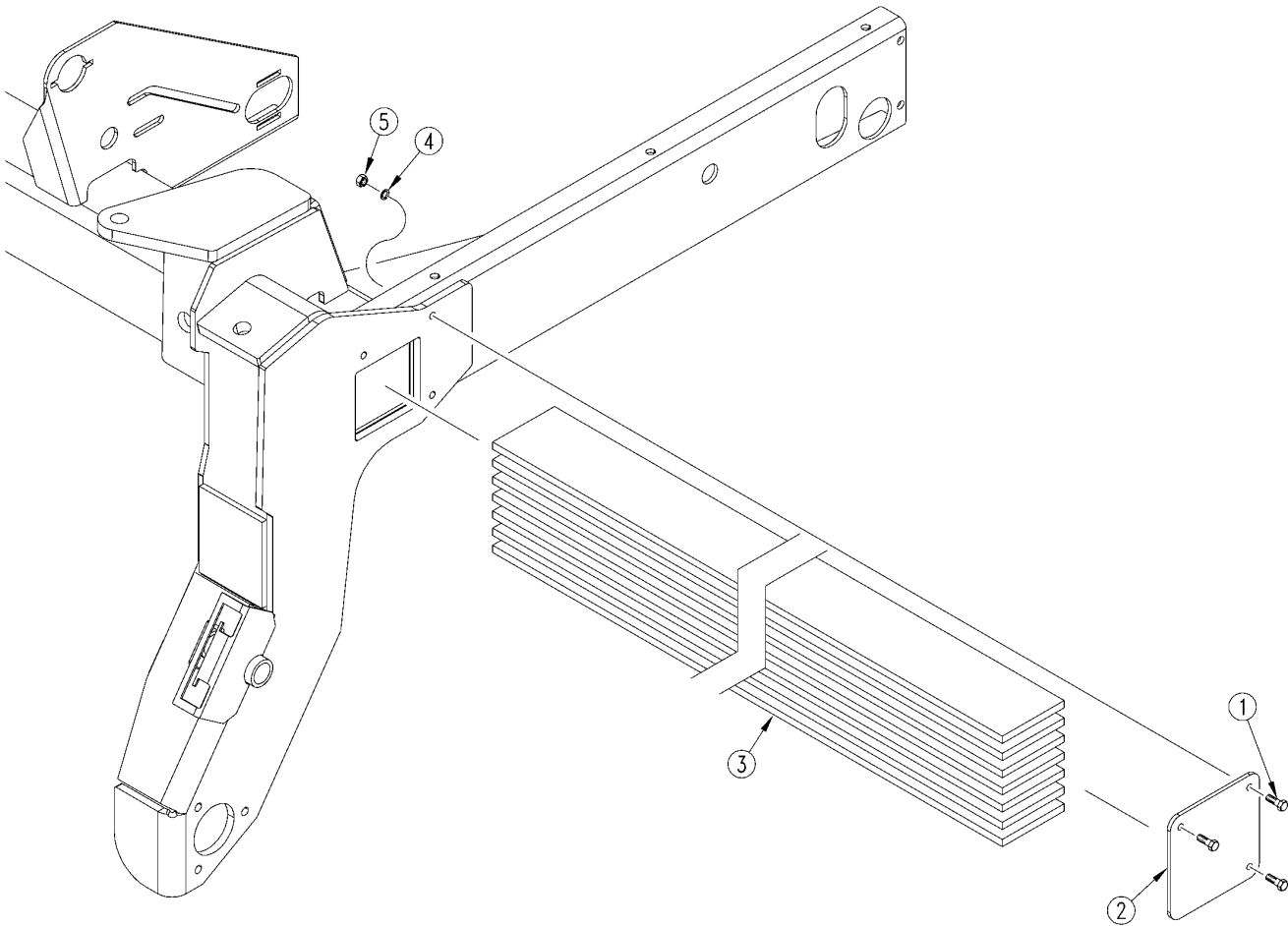
Weight Bracket (S/N YY1458-)

(Applies to 3S-4000 HD, 3S-4000 HDF 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 YY1459+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



26014

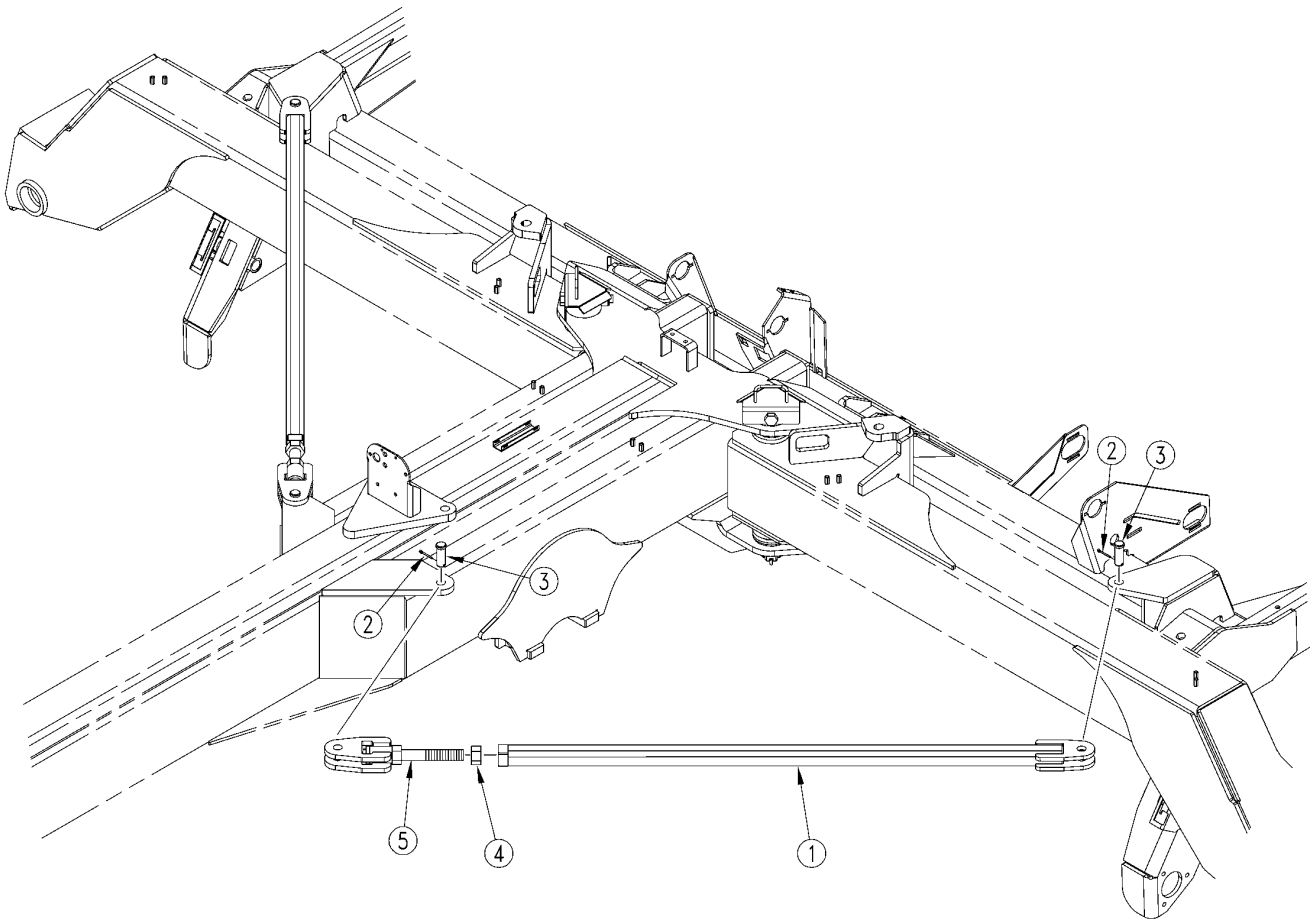
Weight Bracket (S/N YY1459+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg26014	Image No.		
1.	802-022C	HHCS 3/8-16X1 1/2 GR5		
2.	194-058D	END CAP - TUBE		
3.	194-059D	WEIGHT BAR 1/2 X 5 X 154		
4.	804-013C	WASHER LOCK SPRING 3/8 PLT		
5.	803-014C	NUT HEX 3/8-16 PLT		

Truss Tubes

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18811

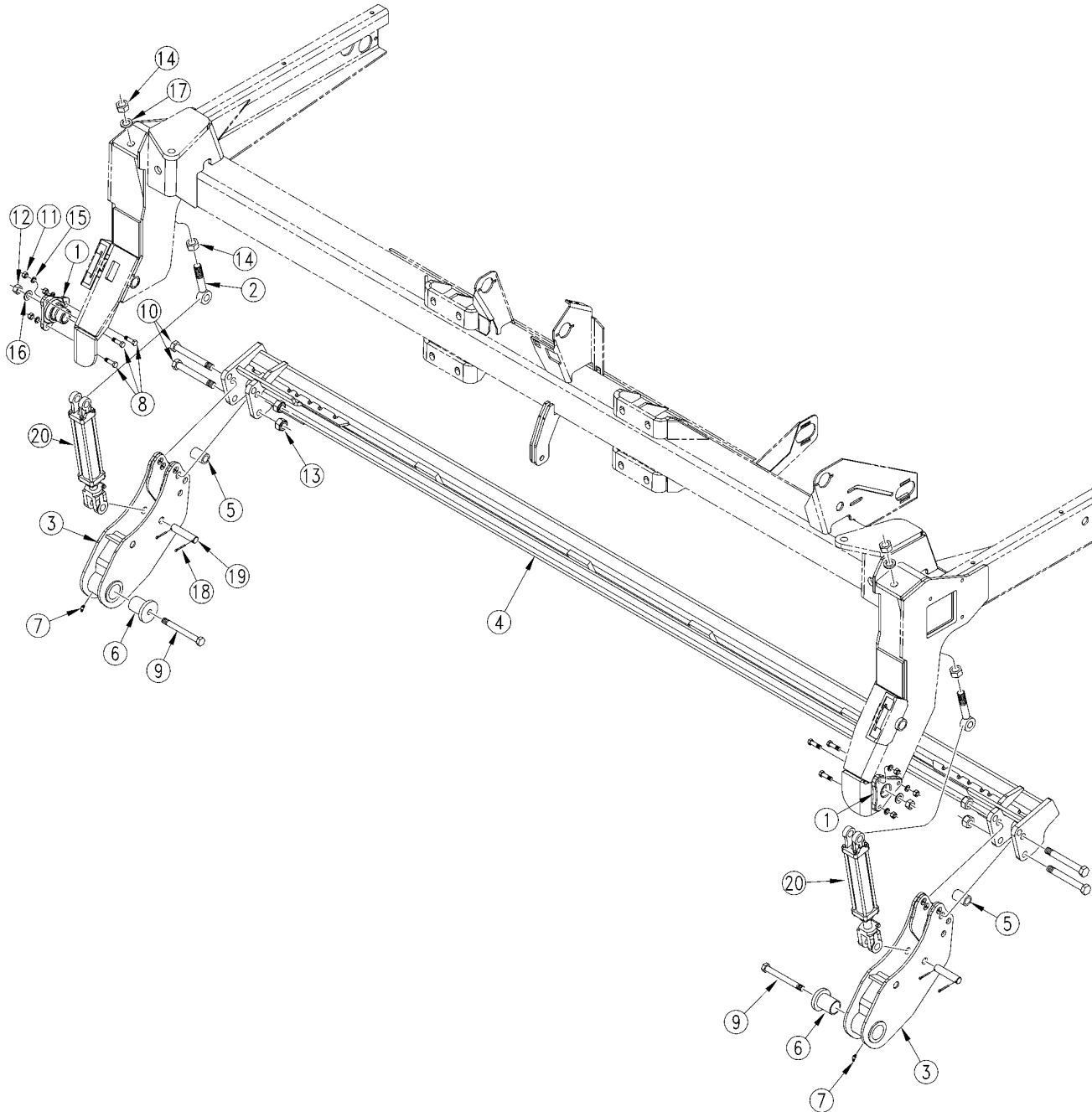
Truss Tubes

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18811	Image No.		
1.	194-192H	3S-4000 TRUSS TUBE WELDMENT		
2.	805-104C	PIN COTTER 3/16 X 1 1/2 PLT		
3.	805-187C	PIN CLEVIS 1 X 2 1/4 GR5 PLT		
4.	803-034C	NUT HEX 1 1/4-7 PLT		
5.	194-191H	3S-4000 TRUSS ADJ TRUNNION		

Center Sub-Frame

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18815

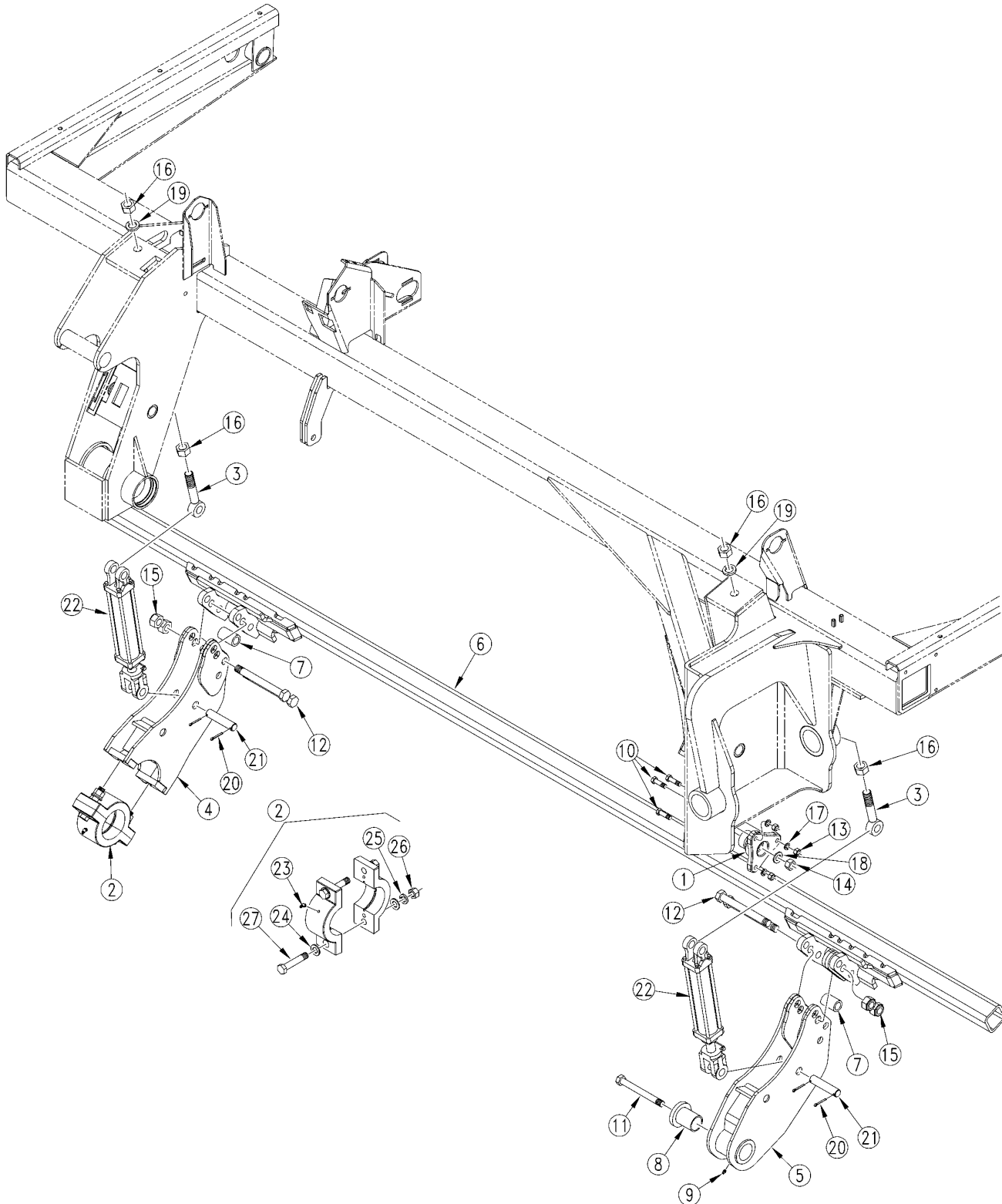
Center Sub-Frame

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18815	Image No.		
1.	120-247D	3 BOLT PIVOT CAST W/ BOLT HOLE		
2.	194-129H	6 1/8 EYE BOLT		
3.	194-156H	SUBFRAME FLEX ARM, INNER		
4.	194-181H	3S-4000 OPENER SUBFRAME CENTER		
5.	194-516D	SUBFRAME FLEX ARM SPACER,SHORT		
6.	195-188H	SUBFRAME ARM RETAINER		
7.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
8.	802-082C	HHCS 1/2-13X1 3/4 GR5		
9.	802-095C	HHCS 3/4-10X7 GR5		
10.	802-139C	HHCS 7/8-9X7 GR5		
11.	803-020C	NUT HEX 1/2-13 PLT		
12.	803-026C	NUT LOCK 3/4-10 PLT		
13.	803-028C	NUT NY-LOK 7/8-9 PLT		
14.	803-031C	NUT HEX 1-8 PLT		
15.	804-015C	WASHER LOCK SPRING 1/2 PLT		
16.	804-025C	WASHER FLAT 3/4 SAE PLT		
17.	804-027C	WASHER LOCK SPRING 1 PLT		
18.	805-104C	PIN COTTER 3/16 X 1 1/2 PLT		
19.	805-236C	PIN CLEVIS 1 X 3 7/8 USBLE PLT		
20.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)		

Right Hand Sub-Frame

(Applies to 3S-4000 HD, 3S-4000 HDF only)



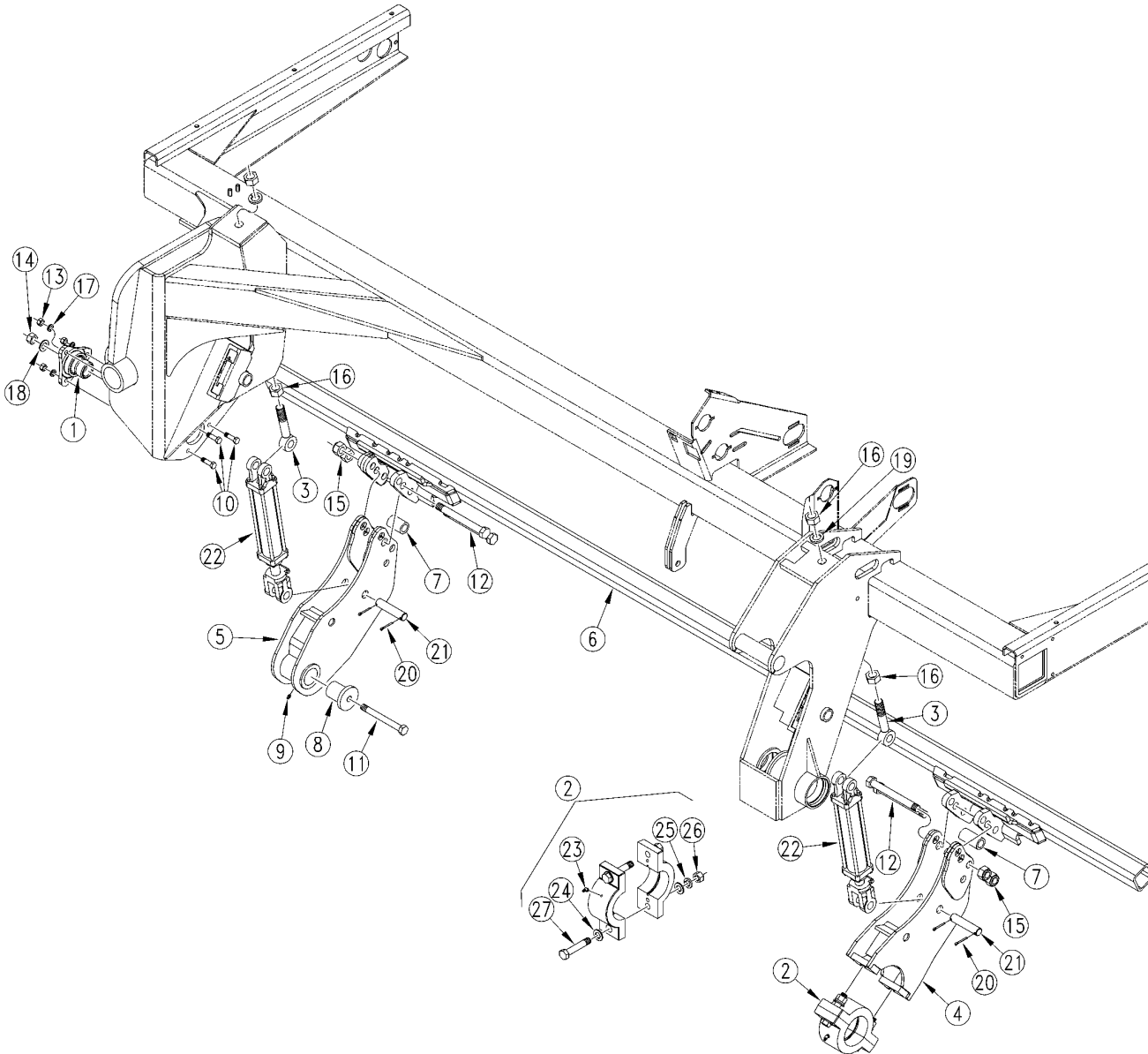
18816

Right Hand Sub-Frame**(Applies to 3S-4000 HD, 3S-4000 HDF only)**

Ref	Part No.	Part Description	Comments	Revision
	dwg18816	Image No.		
1.	120-247D	3 BOLT PIVOT CAST W/ BOLT HOLE		
2.	194-123K	3S BEARING ASSEMBLY	Contains 24,26-29.	
3.	194-129H	6 1/8 EYE BOLT		
4.	194-155H	SUBFRAME FLEX ARM, OUTER		
5.	194-156H	SUBFRAME FLEX ARM, INNER		
6.	194-180H	3S-4000 OPENER SUBFRAME RH		
7.	194-516D	SUBFRAME FLEX ARM SPACER, SHORT		
8.	195-188H	SUBFRAME ARM RETAINER		
9.	800-001C	GREASE ZERK STRAIGHT 1/4-28		
10.	802-082C	HHCS 1/2-13X1 3/4 GR5		
11.	802-095C	HHCS 3/4-10X7 GR5		
12.	802-662C	HHCS 7/8-9X8 1/2 GR5		
13.	803-020C	NUT HEX 1/2-13 PLT		
14.	803-026C	NUT LOCK 3/4-10 PLT		
15.	803-028C	NUT NY-LOK 7/8-9 PLT		
16.	803-031C	NUT HEX 1-8 PLT		
17.	804-015C	WASHER LOCK SPRING 1/2 PLT		
18.	804-025C	WASHER FLAT 3/4 SAE PLT		
19.	804-027C	WASHER LOCK SPRING 1 PLT		
20.	805-104C	PIN COTTER 3/16 X 1 1/2 PLT		
21.	805-236C	PIN CLEVIS 1 X 3 7/8 USBLE PLT		
22.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)		
23.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
24.	804-025C	WASHER FLAT 3/4 SAE PLT		
25.	804-023C	WASHER LOCK SPRING 3/4 PLT		
26.	803-027C	NUT HEX 3/4-10 PLT		
27.	802-068C	HHCS 3/4-10X4 GR5		

Left Hand Sub-Frame

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18817

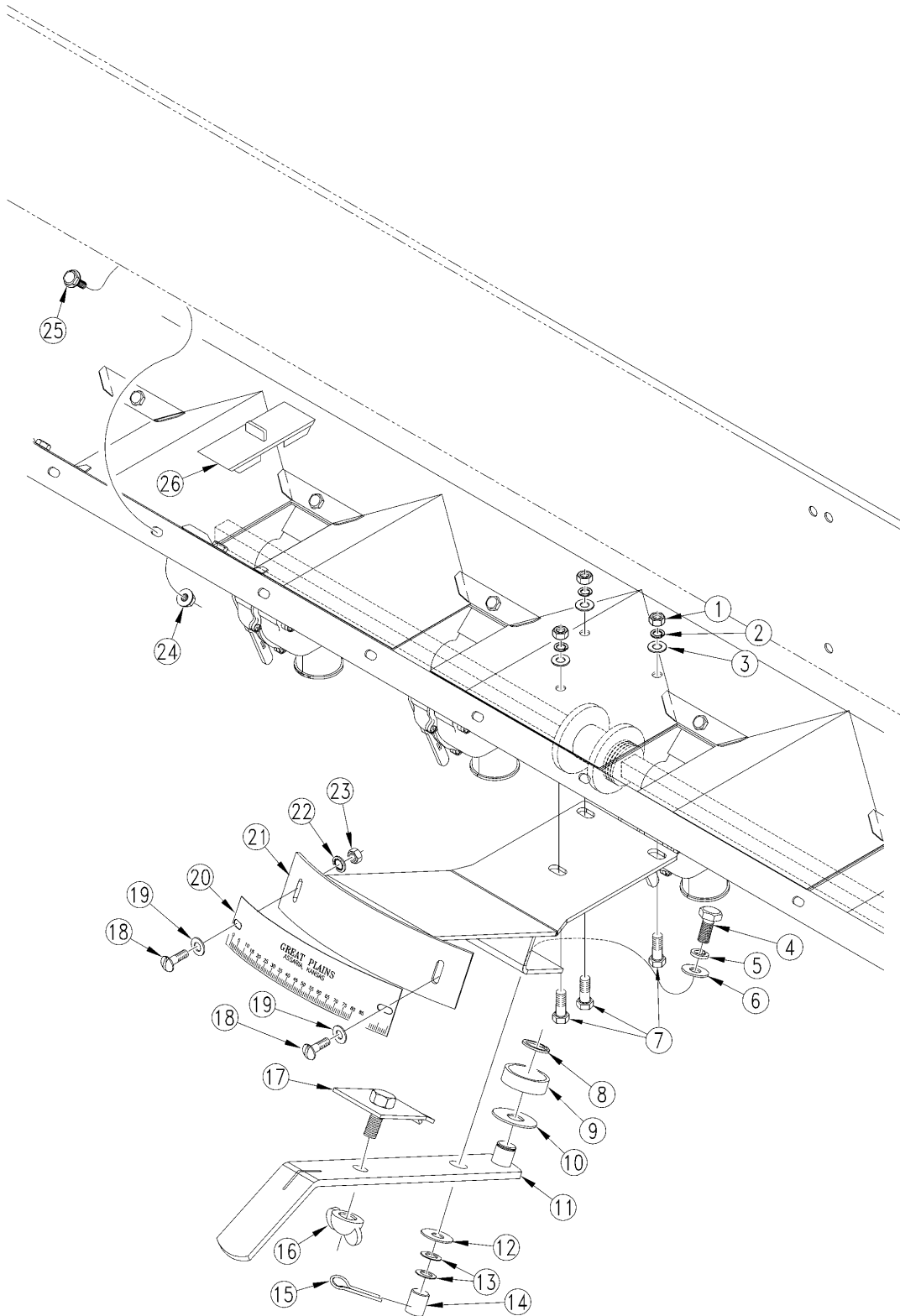
Left Hand Sub-Frame

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18817	Image No.		
1.	120-247D	3 BOLT PIVOT CAST W/ BOLT HOLE		
2.	194-123K	3S BEARING ASSEMBLY	Contains 23-27.	
3.	194-129H	6 1/8 EYE BOLT		
4.	194-155H	SUBFRAME FLEX ARM, OUTER		
5.	194-156H	SUBFRAME FLEX ARM, INNER		
6.	194-179H	3S-4000 OPENER SUBFRAME LH		
7.	194-516D	SUBFRAME FLEX ARM SPACER, SHORT		
8.	195-188H	SUBFRAME ARM RETAINER		
9.	800-001C	GREASE ZERK STRAIGHT 1/4-28		
10.	802-082C	HHCS 1/2-13X1 3/4 GR5		
11.	802-095C	HHCS 3/4-10X7 GR5		
12.	802-662C	HHCS 7/8-9X8 1/2 GR5		
13.	803-020C	NUT HEX 1/2-13 PLT		
14.	803-026C	NUT LOCK 3/4-10 PLT		
15.	803-028C	NUT NY-LOK 7/8-9 PLT		
16.	803-031C	NUT HEX 1-8 PLT		
17.	804-015C	WASHER LOCK SPRING 1/2 PLT		
18.	804-025C	WASHER FLAT 3/4 SAE PLT		
19.	804-027C	WASHER LOCK SPRING 1 PLT		
20.	805-104C	PIN COTTER 3/16 X 1 1/2 PLT		
21.	805-236C	PIN CLEVIS 1 X 3 7/8 USBLE PLT		
22.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)		
23.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
24.	804-025C	WASHER FLAT 3/4 SAE PLT		
25.	804-023C	WASHER LOCK SPRING 3/4 PLT		
26.	803-027C	NUT HEX 3/4-10 PLT		
27.	802-068C	HHCS 3/4-10X4 GR5		

Seed Rate Adjustment Handle

(Applies to 3S-4000 HD, 3S-4000 HDF only)



16676

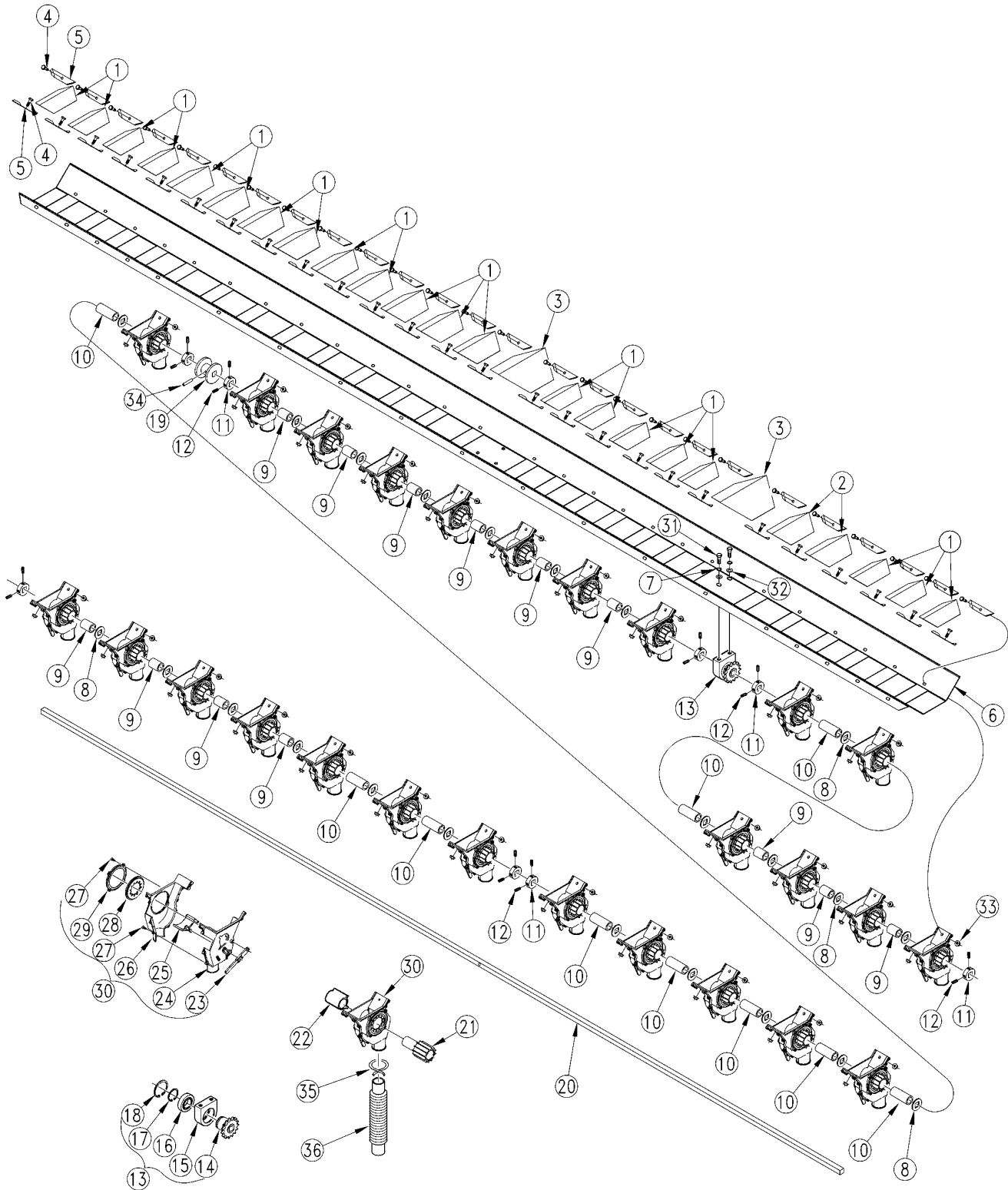
Seed Rate Adjustment Handle

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg16676	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		
11.	118-444H	SEED RATE ADJ 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.	819-109C	REAR SEED ADJ GUIDE 6 3/4 LONG		
20.	819-001C	NAME PLATE ADJ. GUIDE LONG		
21.	195-253H	REAR SEED RATE ADJ MOUNT WLDMT		
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 LH & Center

(Applies to 3S-4000 HD, 3S-4000 HDF only)



17242

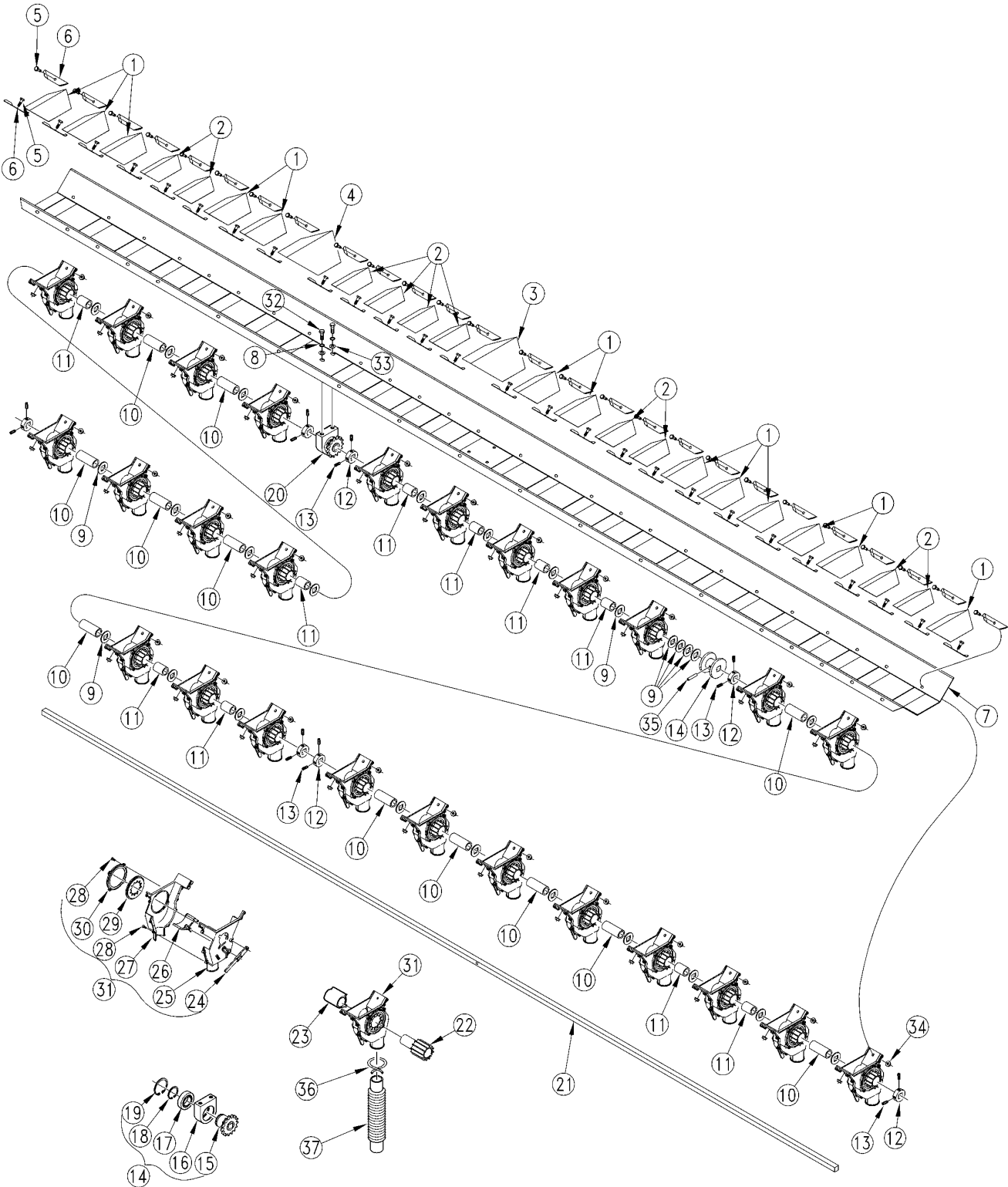
6" Feeder Cup Spacing LH & Center

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg17242	Image No.		
1.	118-431D	3 BOX DIVIDER FOR 4 7/8 ROW		
2.	118-433D	BOX DVDR 4.00 X 60DEG		
3.	118-432D	6 5/8 BOX DVDR FOR 8 1/2 ROW		
4.	802-004C	HHCS 1/4-20X3/4 GR5		
5.	118-341D	2SNT SEED BOX DIVIDER CLIP		
6.	195-244D	2600-6 26RW FEEDER CUP TRAY LH		
7.	804-012C	WASHER FLAT 3/8 SAE PLT		
8.	804-031C	WASHER RETAINING		
9.	118-434D	SPACER TUBE X 1.454		
10.	152-044D	2.454 FEEDER CUP SPACER		
11.	890-350C	5/8 SHAFT LOCKING COLLAR		
12.	801-035C	SCREW SET 5/16-18 SKT KP X 3/8		
13.	118-226S	FEEDER CUP BEARING ASSEMBLY		
14.	118-508D	BEARING HUB 40A15		
15.	118-336D	FEEDER CUP BEARING HOUSING		
16.	822-103C	BRG 30IDX55OD MM		
17.	800-004C	SNAP RING EXT BASIC 1 3/16		
18.	800-107C	SNAP RING INTERNAL 2.165		
19.	109-091D	MACHINED ADJUSTMENT SPOOL		
20.	175-233D	13' EW FD CUP SQ DRIVE BAR		
21.	890-190C	PM SEED CUP SPROCKET		
22.	817-074C	SEED CUP SLEEVE		
23.	817-071C	SEED CUP ADJUSTMENT HANDLE		
24.	817-069C	SEED CUP RIGHT HALF		
25.	817-070C	SEED CUP DOOR		
26.	817-068C	SEED CUP LEFT HALF		
27.	801-057C	SCR SELF TAP 8X3/8 TYPE25 BT		
28.	817-004C	NYLON WASHER-SPLIT		
29.	817-073C	SEED CUP WASHER RETAINER		
30.	817-075C	SEED CUP ASSEMBLY		
31.	802-014C	HHCS 3/8-16X3/4 GR5		
32.	804-013C	WASHER LOCK SPRING 3/8 PLT		
33.	803-194C	NUT HEX WHIZ 1/4-20 PLT		
34.	805-023C	PIN ROLL 3/16X1 1/4 PLT		
35.	800-009C	CLAMP HOSE 1 5/8 NO. 26		
36.	816-239C	SEED HOSE 56 RIBS X 11 LONG		

6" Feeder Cup Spacing RH

(Applies to 3S-4000 HD, 3S-4000 HDF only)



17243

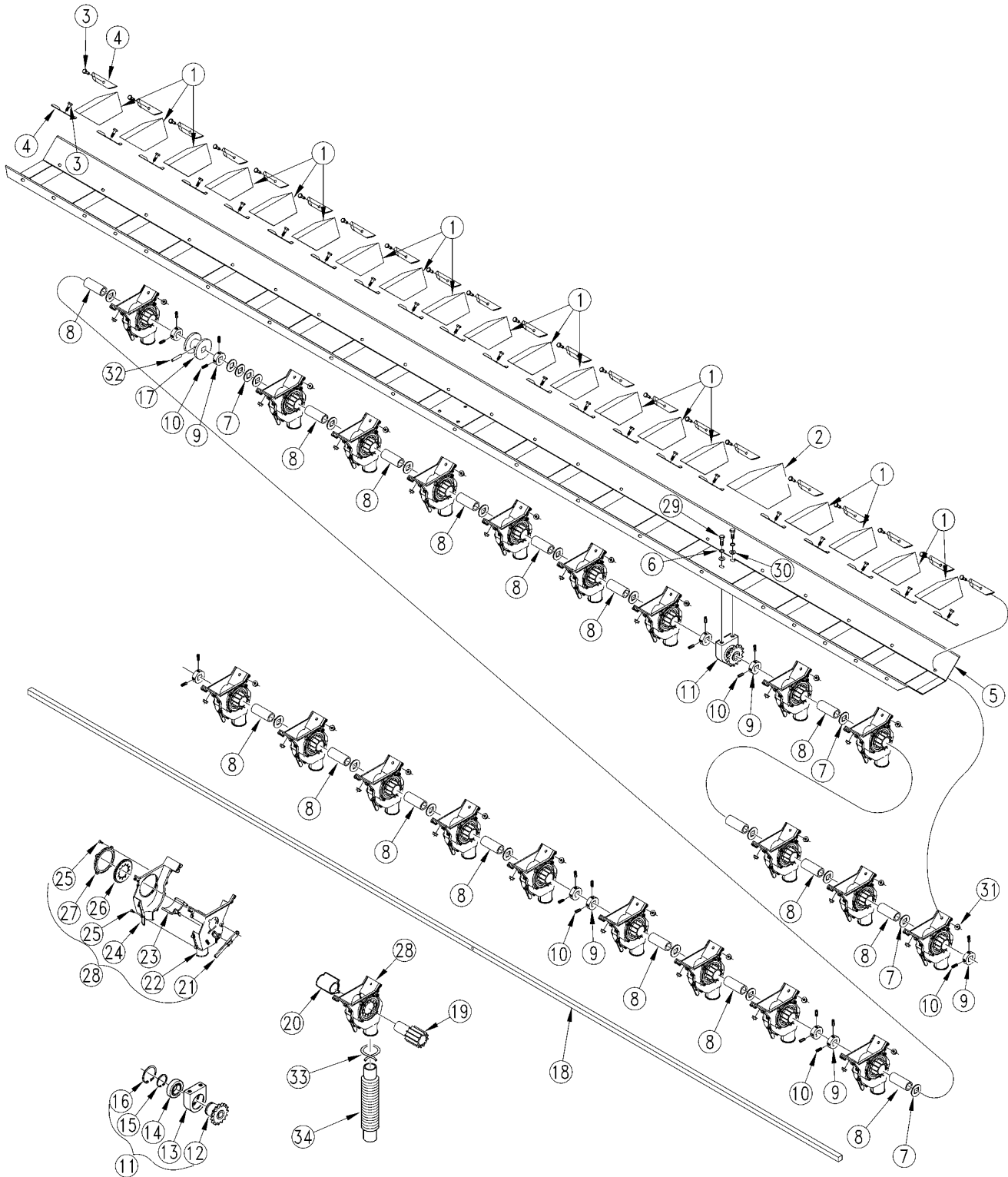
6" Feeder Cup Spacing RH

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg17243	Image No.		
1.	118-433D	BOX DVDR 4.00 X 60DEG		
2.	118-431D	3 BOX DIVIDER FOR 4 7/8 ROW		
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.	195-236D	2600-6 26RW FEEDER CUP TRAY RH		
8.	804-012C	WASHER FLAT 3/8 SAE PLT		
9.	804-031C	WASHER RETAINING		
10.	118-434D	SPACER TUBE X 1.454		
11.	152-044D	2.454 FEEDER CUP SPACER		
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		
15.	118-508D	BEARING HUB 40A15		
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.	175-233D	13' EW FD CUP SQ DRIVE BAR		
22.	890-190C	PM SEED CUP SPROCKET		
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		
32.	802-014C	HHCS 3/8-16X3/4 GR5		
33.	804-013C	WASHER LOCK SPRING 3/8 PLT		
34.	803-194C	NUT HEX WHIZ 1/4-20 PLT		
35.	805-023C	PIN ROLL 3/16X1 1/4 PLT		
36.	800-009C	CLAMP HOSE 1 5/8 NO. 26		
37.	816-239C	SEED HOSE 56 RIBS X 11 LONG		

7.5" Feeder Cup Spacing LH & Center

(Applies to 3S-4000 HD, 3S-4000 HDF only)



17244

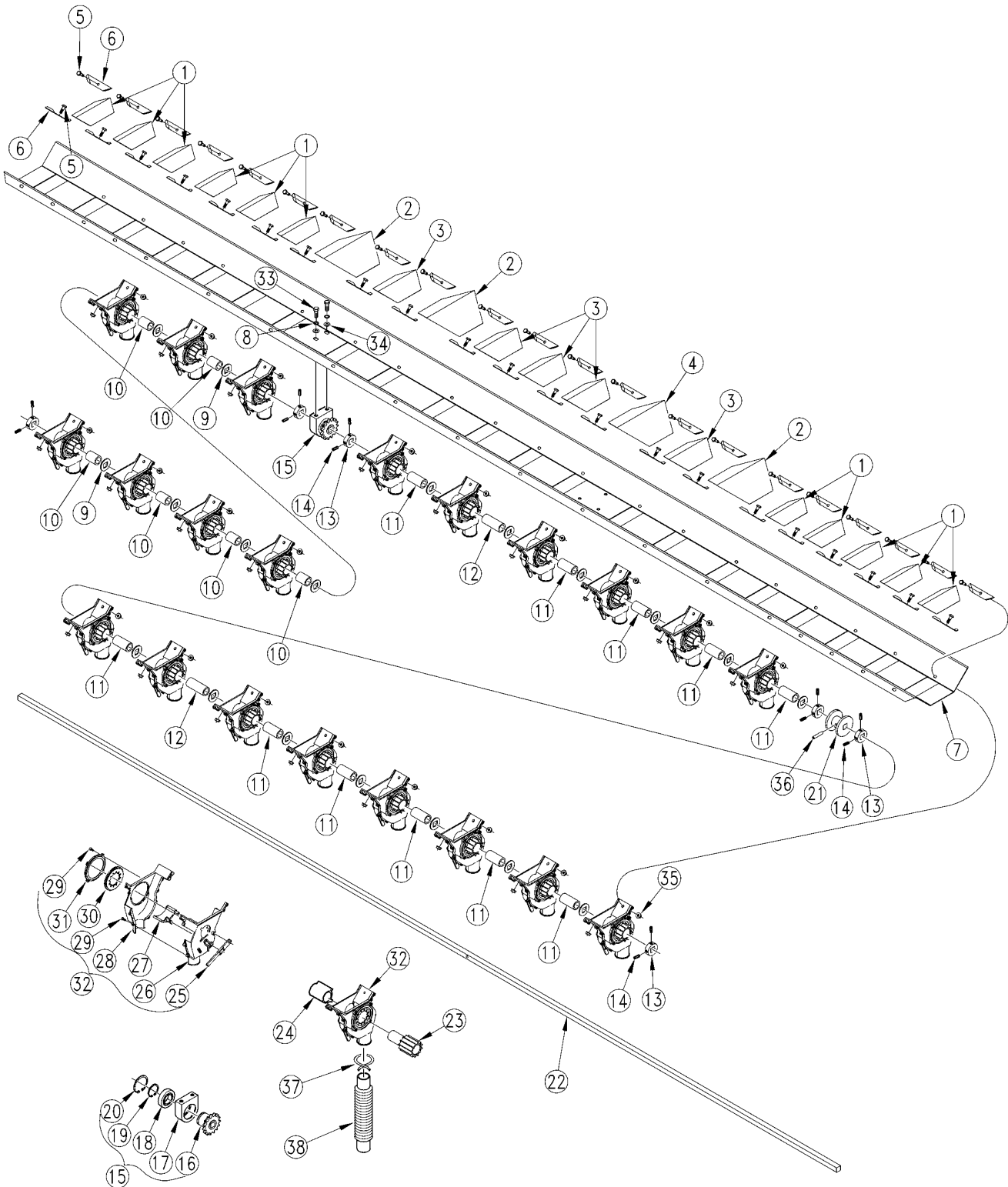
7.5" Feeder Cup Spacing LH & Center

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg17244	Image No.		
1.	118-437D	BOX DVDR 5.13 X 60DEG		
2.	118-467D	7 1/16 BOX DIVIDER - 7 1/2		
3.	802-004C	HHCS 1/4-20X3/4 GR5		
4.	118-341D	2SNT SEED BOX DIVIDER CLIP		
5.	195-245D	2600-7.5 RW FEEDER CUP TRAY LH		
6.	804-012C	WASHER FLAT 3/8 SAE PLT		
7.	804-031C	WASHER RETAINING		
8.	118-438D	SPACER TUBE X 3.579		
9.	890-350C	5/8 SHAFT LOCKING COLLAR		
10.	801-035C	SCREW SET 5/16-18 SKT KP X 3/8		
11.	118-226S	FEEDER CUP BEARING ASSEMBLY		
12.	118-508D	BEARING HUB 40A15		
13.	118-336D	FEEDER CUP BEARING HOUSING		
14.	822-103C	BRG 30IDX55OD MM		
15.	800-004C	SNAP RING EXT BASIC 1 3/16		
16.	800-107C	SNAP RING INTERNAL 2.165		
17.	109-091D	MACHINED ADJUSTMENT SPOOL		
18.	175-233D	13' EW FD CUP SQ DRIVE BAR		
19.	890-190C	PM SEED CUP SPROCKET		
20.	817-074C	SEED CUP SLEEVE		
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		
29.	802-014C	HHCS 3/8-16X3/4 GR5		
30.	804-013C	WASHER LOCK SPRING 3/8 PLT		
31.	803-194C	NUT HEX WHIZ 1/4-20 PLT		
32.	805-023C	PIN ROLL 3/16X1 1/4 PLT		
33.	800-009C	CLAMP HOSE 1 5/8 NO. 26		
34.	816-239C	SEED HOSE 56 RIBS X 11 LONG		

7.5" Feeder Cup Spacing RH

(Applies to 3S-4000 HD, 3S-4000 HDF only)



17245

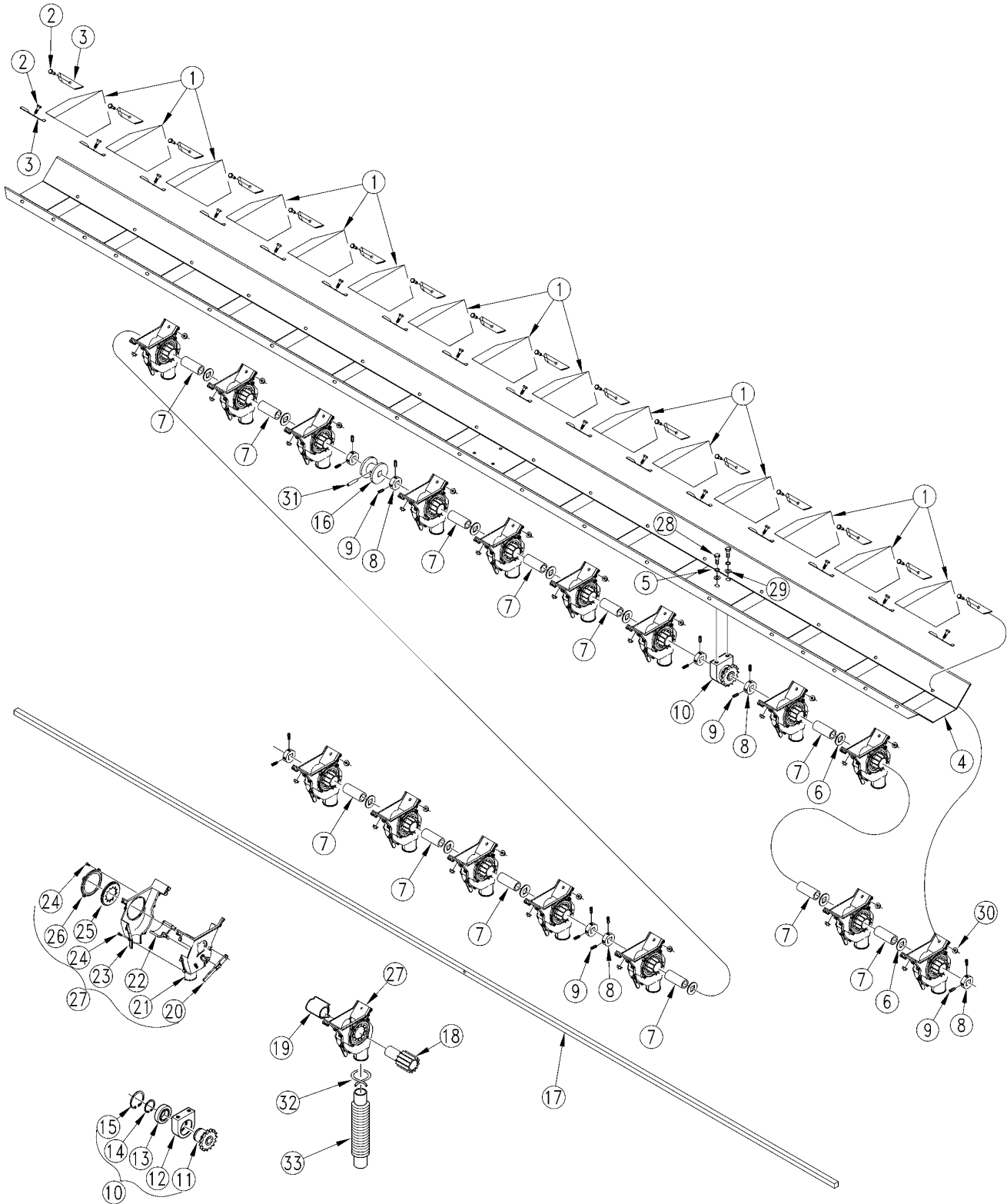
7.5" Feeder Cup Spacing RH

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg17245	Image No.		
1.	118-466D	4 1/2 BOX DIVIDER - 7 1/2		
2.	118-432D	6 5/8 BOX DVDER FOR 8 1/2 ROW		
3.	118-437D	BOX DVDR 5.13 X 60DEG		
4.	118-338D	7 1/4 BOX DVDR FOR 7 1/2 ROW		
5.	802-004C	HHCS 1/4-20X3/4 GR5		
6.	118-341D	2SNT SEED BOX DIVIDER CLIP		
7.	195-237D	2600-7.5 21RW FEEDERCUP TRAYRH		
8.	804-012C	WASHER FLAT 3/8 SAE PLT		
9.	804-031C	WASHER RETAINING		
10.	118-468D	SPACER TUBE X 2.954		
11.	118-438D	SPACER TUBE X 3.579		
12.	118-440D	SPACER TUBE X 5.079		
13.	890-350C	5/8 SHAFT LOCKING COLLAR		
14.	801-035C	SCREW SET 5/16-18 SKT KP X 3/8		
15.	118-226S	FEEDER CUP BEARING ASSEMBLY		
16.	118-508D	BEARING HUB 40A15		
17.	118-336D	FEEDER CUP BEARING HOUSING		
18.	822-103C	BRG 30IDX55OD MM		
19.	800-004C	SNAP RING EXT BASIC 1 3/16		
20.	800-107C	SNAP RING INTERNAL 2.165		
21.	109-091D	MACHINED ADJUSTMENT SPOOL		
22.	175-233D	13' EW FD CUP SQ DRIVE BAR		
23.	890-190C	PM SEED CUP SPROCKET		
24.	817-074C	SEED CUP SLEEVE		
25.	817-071C	SEED CUP ADJUSTMENT HANDLE		
26.	817-069C	SEED CUP RIGHT HALF		
27.	817-070C	SEED CUP DOOR		
28.	817-068C	SEED CUP LEFT HALF		
29.	801-057C	SCR SELF TAP 8X3/8 TYPE25 BT		
30.	817-004C	NYLON WASHER-SPLIT		
31.	817-073C	SEED CUP WASHER RETAINER		
32.	817-075C	SEED CUP ASSEMBLY		
33.	802-014C	HHCS 3/8-16X3/4 GR5		
34.	804-013C	WASHER LOCK SPRING 3/8 PLT		
35.	803-194C	NUT HEX WHIZ 1/4-20 PLT		
36.	805-023C	PIN ROLL 3/16X1 1/4 PLT		
37.	800-009C	CLAMP HOSE 1 5/8 NO. 26		
38.	816-239C	SEED HOSE 56 RIBS X 11 LONG		

10" Feeder Cup Spacing LH & Center

(Applies to 3S-4000 HD, 3S-4000 HDF only)



17246

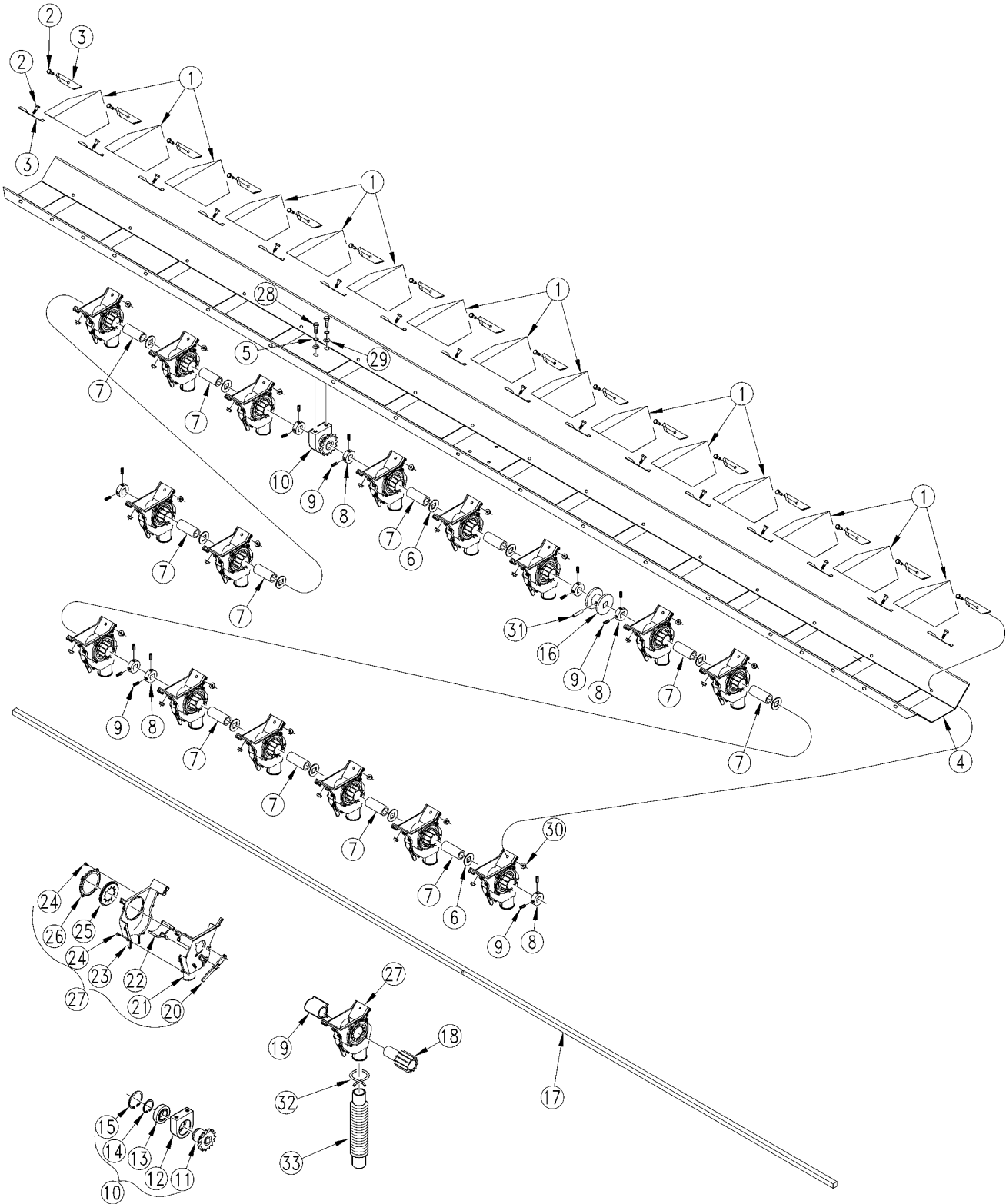
10" Feeder Cup Spacing LH & Center

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg17246	Image No.		
1.	118-338D	7 1/4 BOX DVDR FOR 7 1/2 ROW		
2.	802-004C	HHCS 1/4-20X3/4 GR5		
3.	118-341D	2SNT SEED BOX DIVIDER CLIP		
4.	195-246D	2600-10 16RW FEEDER CUP TRAYLH		
5.	804-012C	WASHER FLAT 3/8 SAE PLT		
6.	804-031C	WASHER RETAINING		
7.	175-280D	13' EW SPACER TUBE X 5.704		
8.	890-350C	5/8 SHAFT LOCKING COLLAR		
9.	801-035C	SCREW SET 5/16-18 SKT KP X 3/8		
10.	118-226S	FEEDER CUP BEARING ASSEMBLY		
11.	118-508D	BEARING HUB 40A15		
12.	118-336D	FEEDER CUP BEARING HOUSING		
13.	822-103C	BRG 30IDX55OD MM		
14.	800-004C	SNAP RING EXT BASIC 1 3/16		
15.	800-107C	SNAP RING INTERNAL 2.165		
16.	109-091D	MACHINED ADJUSTMENT SPOOL		
17.	175-233D	13' EW FD CUP SQ DRIVE BAR		
18.	890-190C	PM SEED CUP SPROCKET		
19.	817-074C	SEED CUP SLEEVE		
20.	817-071C	SEED CUP ADJUSTMENT HANDLE		
21.	817-069C	SEED CUP RIGHT HALF		
22.	817-070C	SEED CUP DOOR		
23.	817-068C	SEED CUP LEFT HALF		
24.	801-057C	SCR SELF TAP 8X3/8 TYPE25 BT		
25.	817-004C	NYLON WASHER-SPLIT		
26.	817-073C	SEED CUP WASHER RETAINER		
27.	817-075C	SEED CUP ASSEMBLY		
28.	802-014C	HHCS 3/8-16X3/4 GR5		
29.	804-013C	WASHER LOCK SPRING 3/8 PLT		
30.	803-194C	NUT HEX WHIZ 1/4-20 PLT		
31.	805-023C	PIN ROLL 3/16X1 1/4 PLT		
32.	800-009C	CLAMP HOSE 1 5/8 NO. 26		
33.	816-239C	SEED HOSE 56 RIBS X 11 LONG		

10" Feeder Cup Spacing RH

(Applies to 3S-4000 HD, 3S-4000 HDF only)



17247

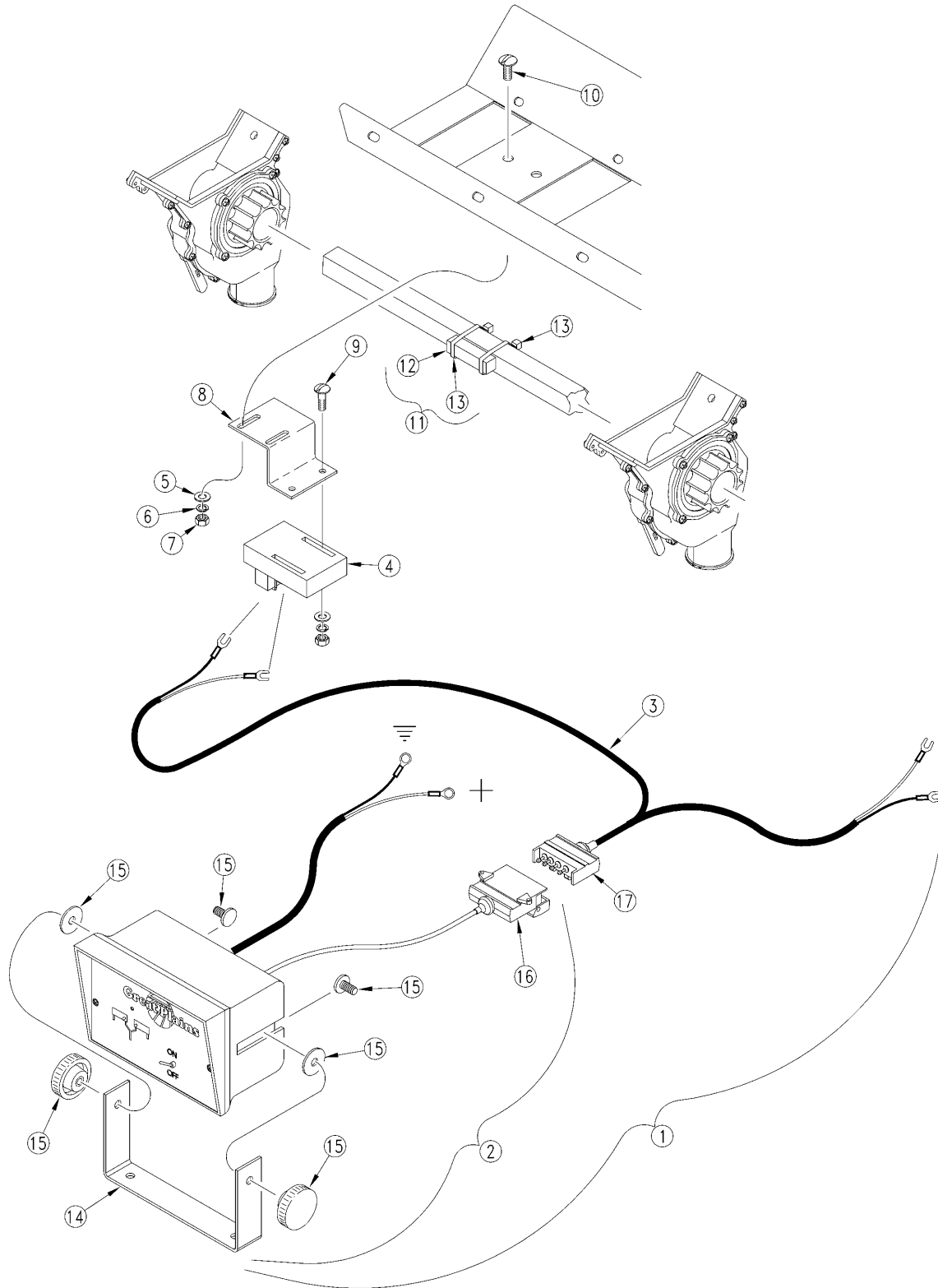
10" Feeder Cup Spacing RH

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg17247	Image No.		
1.	118-338D	7 1/4 BOX DVDR FOR 7 1/2 ROW		
2.	802-004C	HHCS 1/4-20X3/4 GR5		
3.	118-341D	2SNT SEED BOX DIVIDER CLIP		
4.	195-238D	2600-10 16RW FEEDER CUP TRAYRH		
5.	804-012C	WASHER FLAT 3/8 SAE PLT		
6.	804-031C	WASHER RETAINING		
7.	175-280D	13' EW SPACER TUBE X 5.704		
8.	890-350C	5/8 SHAFT LOCKING COLLAR		
9.	801-035C	SCREW SET 5/16-18 SKT KP X 3/8		
10.	118-226S	FEEDER CUP BEARING ASSEMBLY		
11.	118-508D	BEARING HUB 40A15		
12.	118-336D	FEEDER CUP BEARING HOUSING		
13.	822-103C	BRG 30IDX55OD MM		
14.	800-004C	SNAP RING EXT BASIC 1 3/16		
15.	800-107C	SNAP RING INTERNAL 2.165		
16.	109-091D	MACHINED ADJUSTMENT SPOOL		
17.	175-233D	13' EW FD CUP SQ DRIVE BAR		
18.	890-190C	PM SEED CUP SPROCKET		
19.	817-074C	SEED CUP SLEEVE		
20.	817-071C	SEED CUP ADJUSTMENT HANDLE		
21.	817-069C	SEED CUP RIGHT HALF		
22.	817-070C	SEED CUP DOOR		
23.	817-068C	SEED CUP LEFT HALF		
24.	801-057C	SCR SELF TAP 8X3/8 TYPE25 BT		
25.	817-004C	NYLON WASHER-SPLIT		
26.	817-073C	SEED CUP WASHER RETAINER		
27.	817-075C	SEED CUP ASSEMBLY		
28.	802-014C	HHCS 3/8-16X3/4 GR5		
29.	804-013C	WASHER LOCK SPRING 3/8 PLT		
30.	803-194C	NUT HEX WHIZ 1/4-20 PLT		
31.	805-023C	PIN ROLL 3/16X1 1/4 PLT		
32.	800-009C	CLAMP HOSE 1 5/8 NO. 26		
33.	816-239C	SEED HOSE 56 RIBS X 11 LONG		

Vansco Shaft Monitor (Option)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



27009

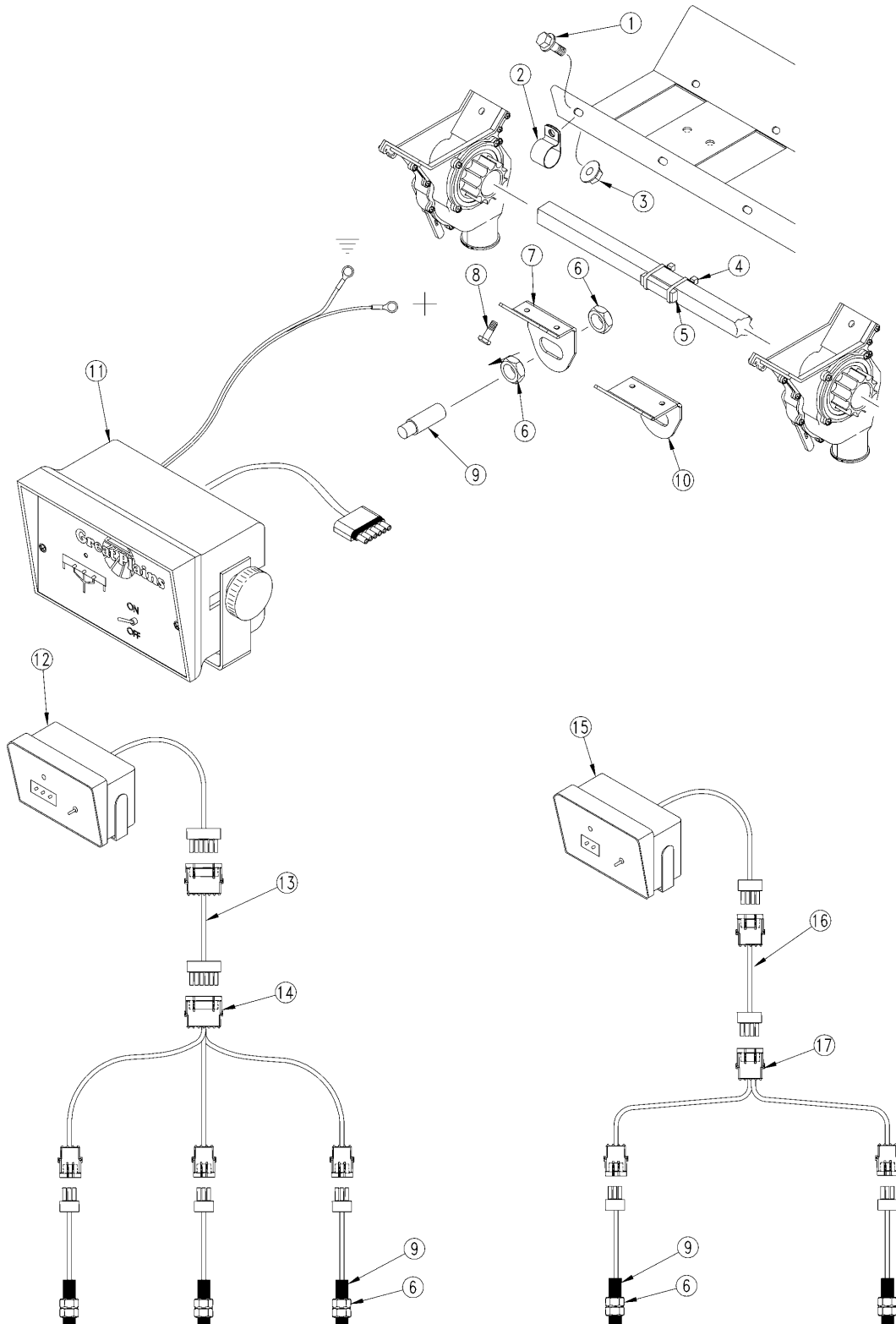
Vansco Shaft Monitor (Option)

(Applies to 3S-4000 HD, 3S-4000 HDF 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-4000 HD, 3S-4000 HDF only)



34220

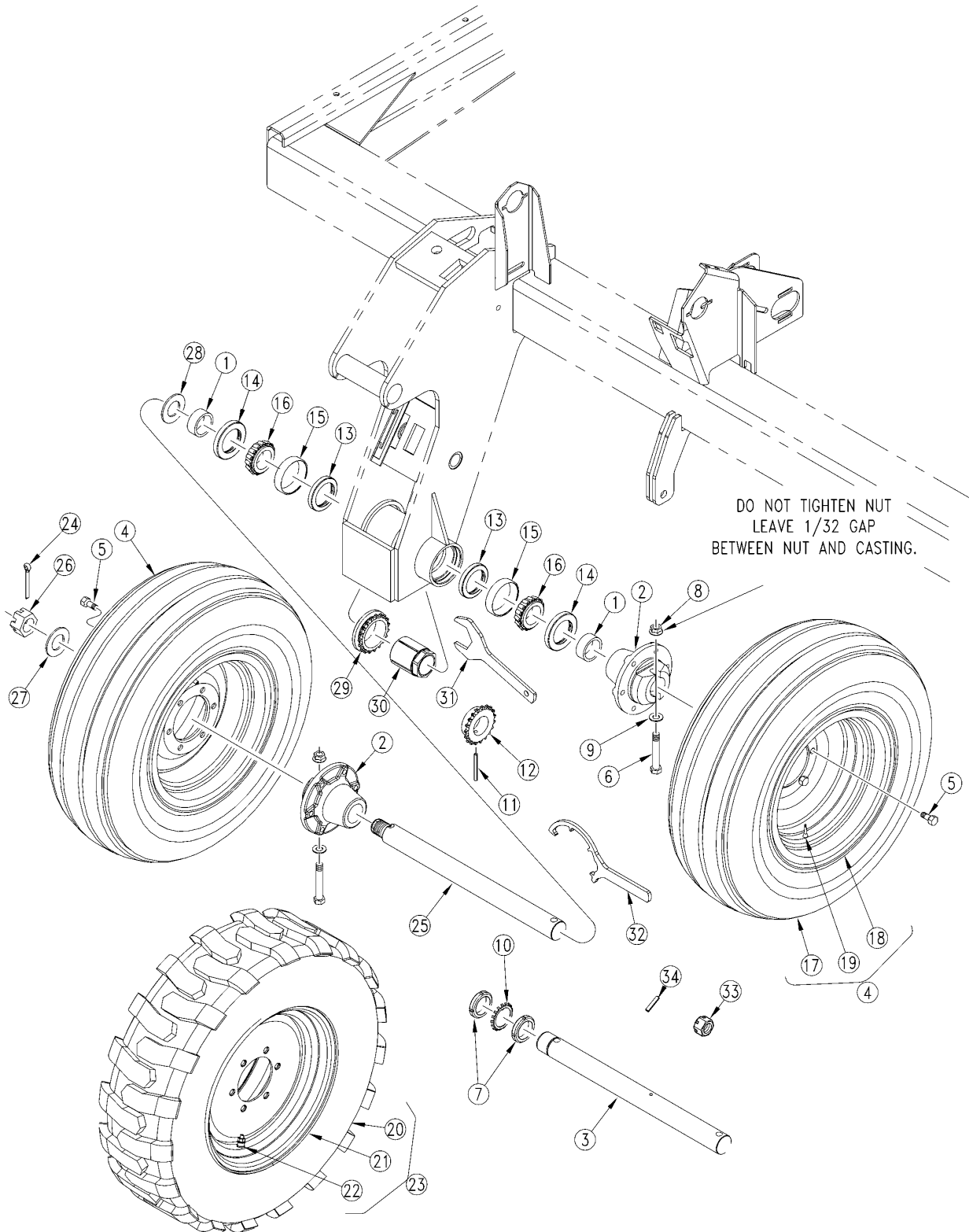
Loop Shaft Monitor (2 Channel 116-282A) (3 Channel 116-283A)

(Applies to 3S-4000 HD, 3S-4000 HDF 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		

Gauge Wheels

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18809

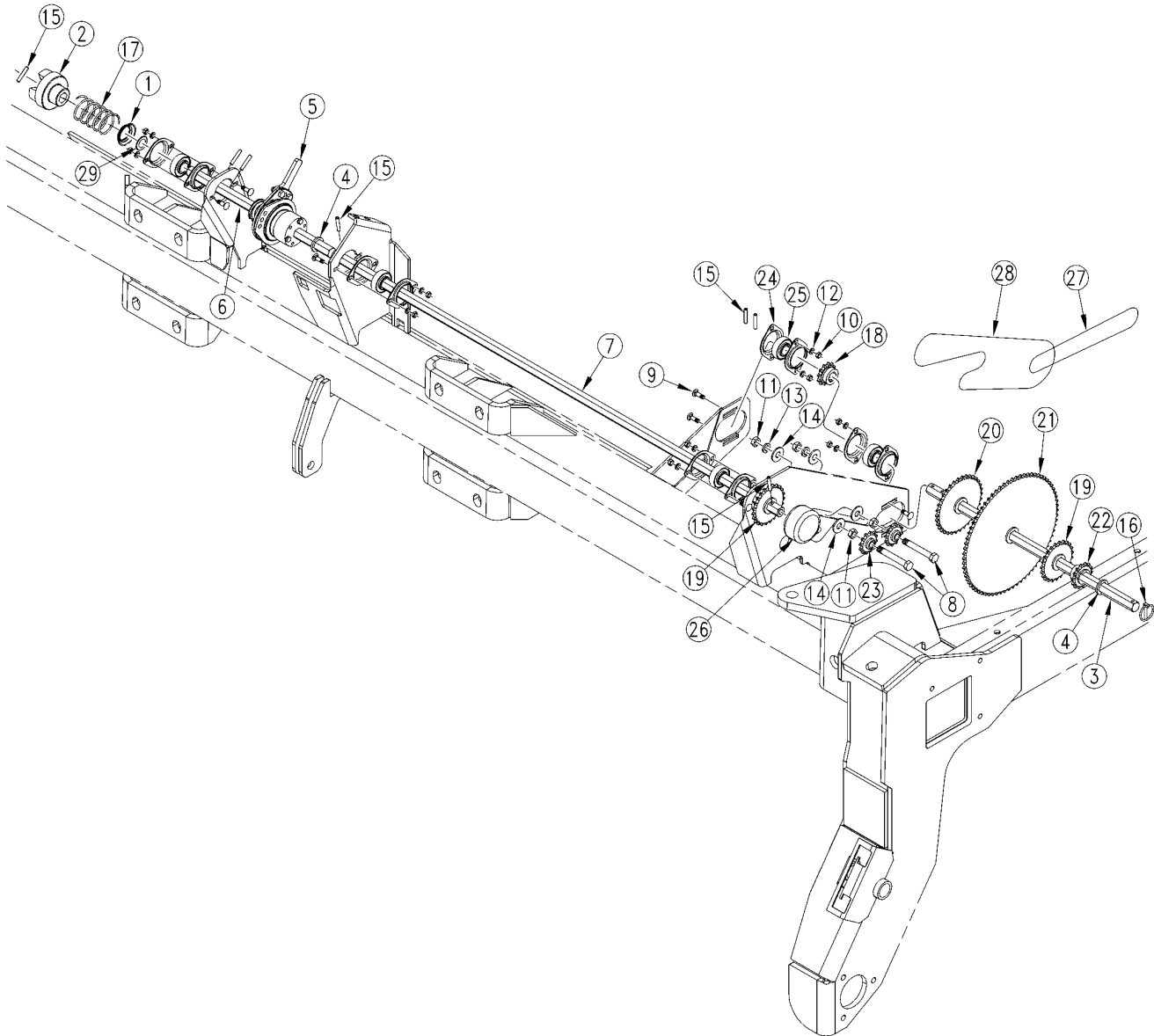
Gauge Wheels

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18809	Image No.		
1.	120-198D	AXLE SPACER TUBE		
2.	152-390D	6-BOLT HEAVY DRIVE HUB 2 BORE		
3.	195-229D	SPNDLE 2"W/5/8 CROSS HOLE DUAL		
4.	197-148K	TITAN TIRE 11L-15 8 PLY 6 BLT		
5.	802-104C	BOLT WHEEL 1/2-20X1 90-DEG		
6.	802-687C	HHCS 5/8-11X4 SPTHG GR8		
7.	803-208C	NUT BEARING LOCK, TN-10		
8.	803-263C	NUT HEX FLANGE LOCK 5/8-11 PLT		
9.	804-095C	WASHER FLAT 5/8 HARD ASTM436		
10.	804-098C	WASHER BEARING LOCK, TW110		
11.	805-030C	PIN ROLL 5/16 X 3 PLT		
12.	808-287C	SPKT 50B19C2B W/5/16 HOLE		
13.	816-012C	SEAL 3.375 X 2.0 X .438 CR20125		
14.	816-138C	SEAL DBL LIP 2.5 ID X 3.881 OD		
15.	822-118C	BEARING CUP 2 TIM33821		
16.	822-117C	BEARING CONE 2 TIM33889		
17.	814-178C	TIRE TITAN 11L-15 X 8 PLY		
18.	814-008C	WHEEL 8 X 15 X 6 BOLT		
19.	816-035C	VALVE STEM TR415X.625X1 1/4 LG		
20.	814-207C	TIRE SKID ST 265/70B16.5 NHS		
21.	814-209C	RIM 16.5X8.25, 6 BLT 4.63 PILT		
22.	814-210C	VALVE STEM METAL TR-575 TUBLES		
23.	196-274K	RH TIRE/RIM 265/70B16.5 SKID 6		
23.	196-275K	LH TIRE/RIM 265/70B16.5 SKID 6		
24.	805-148C	PIN COTTER 3/8 X 3 PLT		
25.	195-265D	SPNDL 2 X 24.70 W/ 1.5-12 THD		
25.	195-351D	SPNDL 2 X 24.7 1.5-12THD NOHLE		
26.	803-239C	NUT HEX SLOTTED 1 1/2-12		
27.	804-182C	WASHER HARD 1 1/2 MILCARB GR8		
28.	195-234D	WASHER FLAT 2 ID X 2 5/8 X 10G		
29.	808-413C	SPKT 50B19 2.88 KEYLESS BORE		
30.	891-137C	HUB KEYLESS 2.0 BORE X 2.88 OD		
31.	195-352D	WRENCH OPEN END 2 1/2		
32.	195-355D	WRENCH SPANNER 6 BOLT HUB		
33.	195-398H	DRIVE SPROCKET TORQUING NUT		
34.	805-249C	PIN ROLL 3/8 X 2 PLT		

Center Drive (S/N YY1151-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18813

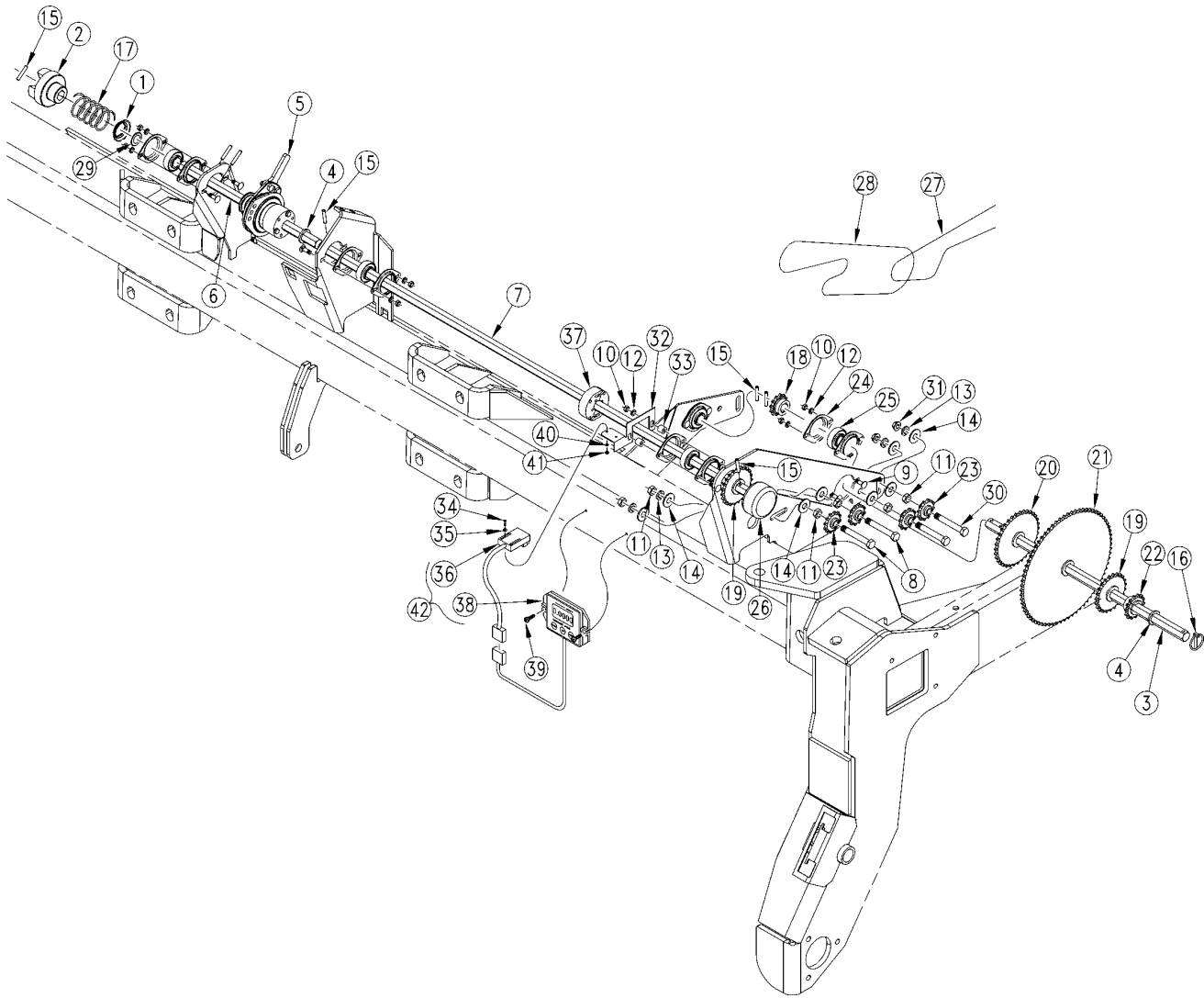
Center Drive (S/N YY1151-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18813	Image No.		
1.	176-066D	CLUTCH SPRING RETAINER		
2.	195-109D	BRKAWAY CLUTCH 7/8 HX LONG BR		
3.	195-172D	SEED JACKSHAFT 7/8 HEX CENTER		
4.	195-243D	7/8 HEX SPROCKET WASHER		
5.	195-246K	3S-4000 CENTER CLUTCH ASSY		
6.	195-257D	POWER SHAFT 7/8 HEX CENTER		
7.	195-258D	ACRE METER SHAFT		
8.	802-041C	HHCS 1/2-13X3 1/2 GR5		
9.	802-282C	RHSNB 5/16-18X1 GR5		
10.	803-008C	NUT HEX 5/16-18 PLT		
11.	803-036C	NUT HEX JAM 1/2-13 PLT		
12.	804-009C	WASHER LOCK SPRING 5/16 PLT		
13.	804-015C	WASHER LOCK SPRING 1/2 PLT		
14.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
15.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
16.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
17.	807-097C	SPRING COMP 2 1/16 OD X 4 LG		
18.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
19.	808-256C	SPKT 40C23 X 7/8 HEX BORE		
20.	808-257C	SPKT 40B34 X 7/8 HEX BORE		
21.	808-258C	SPKT 40B72 X 7/8 HEX BORE		
22.	808-259C	SPKT 40B14 X 7/8 HEX BORE		
23.	817-025C	NO. 40 12T IDLER SPKT.		
24.	822-032C	FLANGETTE 52 MST		
25.	822-119C	BRG 7/8HEXX2.05OD SPH		
26.	890-711C	ACREMETER 40"-3S 11L X 15	(S/N YY1191-)	
27.	136-111D	CHAIN RL #40 68 PITCHES		
28.	136-122D	CHAIN RL #40 129 PITCHES		
29.	804-061C	WASHER MACH 1.50 X 1.00 X 18GA		

Center Drive (S/N YY1152+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



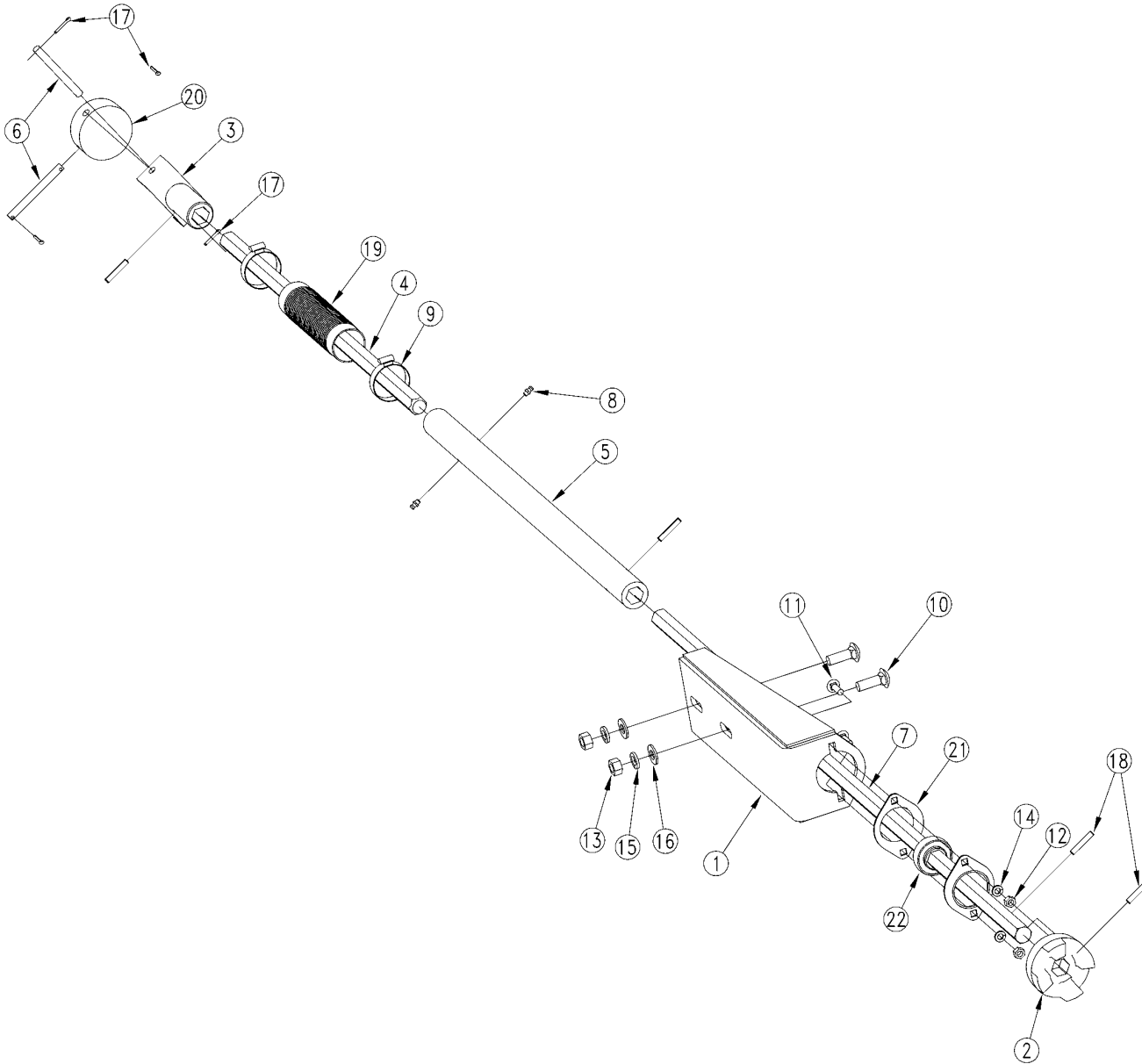
Center Drive (S/N YY1152+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg21262	Image No.		
1.	176-066D	CLUTCH SPRING RETAINER		
2.	195-109D	BRKAWAY CLUTCH 7/8 HX LONG BR		
3.	195-172D	SEED JACKSHAFT 7/8 HEX CENTER		
4.	195-243D	7/8 HEX SPROCKET WASHER		
5.	195-246K	3S-4000 CENTER CLUTCH ASSY		
6.	195-257D	POWER SHAFT 7/8 HEX CENTER		
7.	195-258D	ACRE METER SHAFT		
8.	802-041C	HHCS 1/2-13X3 1/2 GR5		
9.	802-282C	RHSNB 5/16-18X1 GR5		
10.	803-008C	NUT HEX 5/16-18 PLT		
11.	803-036C	NUT HEX JAM 1/2-13 PLT		
12.	804-009C	WASHER LOCK SPRING 5/16 PLT		
13.	804-015C	WASHER LOCK SPRING 1/2 PLT		
14.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
15.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
16.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
17.	807-097C	SPRING COMP 2 1/16 OD X 4 LG		
18.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
19.	808-256C	SPKT 40C23 X 7/8 HEX BORE		
20.	808-257C	SPKT 40B34 X 7/8 HEX BORE		
21.	808-258C	SPKT 40B72 X 7/8 HEX BORE		
22.	808-259C	SPKT 40B14 X 7/8 HEX BORE		
23.	817-025C	NO. 40 12T IDLER SPKT.		
24.	822-032C	FLANGETTE 52 MST		
25.	822-119C	BRG 7/8HEXX2.05OD SPH		
26.	891-061C	3S-4000 ACRE METER	(S/N YY1736+)	
26.	891-062C	3S-4000 HECTARE METER	(S/N YY1736+)	
27.	136-111D	CHAIN RL #40 68 PITCHES		
28.	136-122D	CHAIN RL #40 129 PITCHES		
29.	804-061C	WASHER MACH 1.50 X 1.00 X 18GA		
30.	802-413C	HHCS 1/2-13X4 1/2 GR5		
31.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
32.	168-240D	METER SHAFT SENSOR MNT BRACKET	(S/N YY1192 - YY1735)	
33.	890-351C	BUSHING 5/8 OD X 11/32 ID	(S/N YY1192 - YY1735)	
34.	801-067C	SCREW RD HD 8-32 X 1 1/2LG PLT		
35.	804-088C	WASHER FLAT #8 PLT		
36.	VA-267304	VANSCO ACRE COUNTER PICKUP	(S/N YY1192 - YY1735)	
37.	VA-111005-1	1 MAGNET ACTUATOR 7/8 HEX	(S/N YY1192 - YY1735)	
38.	VA-267000	VANSCO ACRE COUNTER CONSOLE	(S/N YY1192 - YY1735)	
39.	801-172C	SCREW HEX SLT 10-16X3/4PTHD CT		
40.	804-043C	WASHER LOCK #8		
41.	803-064C	NUT HEX 8-32		
42.	823-184C	VANSCO ACRE COUNTER	(S/N YY1192 - YY1735) Includes items 36-38	

Center Drive Breakaway

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18820

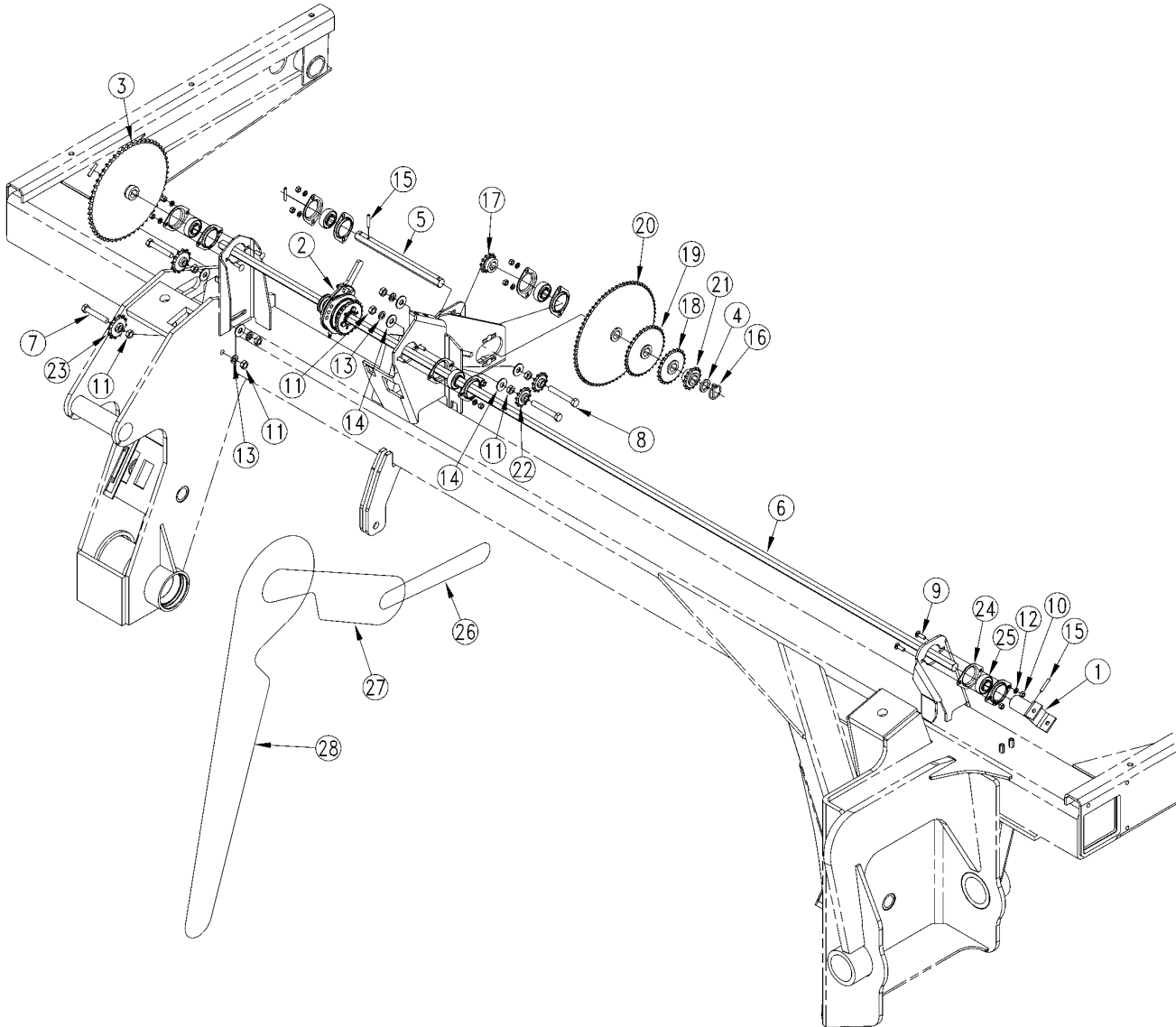
Center Drive Breakaway

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18820	Image No.		
1.	194-195H	DRIVE BREAKAWAY BRACKET		
2.	195-108D	BRKAWAY CLUTCH 7/8 HX SHORT BR		
3.	195-129H	U-JOINT YOKE 7/8 HEX BORE		
4.	195-152D	HEX SHFT 7/8TELESCOPING 25 3/4		
5.	195-153D	TELESCOPING TUBE 7/8 HEX BORE		
6.	195-157D	U-JOINT PIN 3/8		
7.	195-256D	HEX SHAFT 7/8 BREAKAWAY		
8.	800-001C	GREASE ZERK STRAIGHT 1/4-28		
9.	800-016C	UPPER FERT HOSE CLAMP		
10.	802-106C	RHSNB 1/2-13X1 1/2 GR5		
11.	802-282C	RHSNB 5/16-18X1 GR5		
12.	803-008C	NUT HEX 5/16-18 PLT		
13.	803-020C	NUT HEX 1/2-13 PLT		
14.	804-009C	WASHER LOCK SPRING 5/16 PLT		
15.	804-015C	WASHER LOCK SPRING 1/2 PLT		
16.	804-016C	WASHER FLAT 1/2 SAE PLT		
17.	805-067C	PIN COTTER 1/8 X 3/4		
18.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
19.	816-242C	SEED HOSE-BELLOWS 1.75IDX36RIB		
20.	817-273C	U-JOINT NYLATRON CROSS BLOCK		
21.	822-032C	FLANGETTE 52 MST		
22.	822-119C	BRG 7/8HEXX2.05OD SPH		

Right Hand Drive (S/N YY1151-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18812

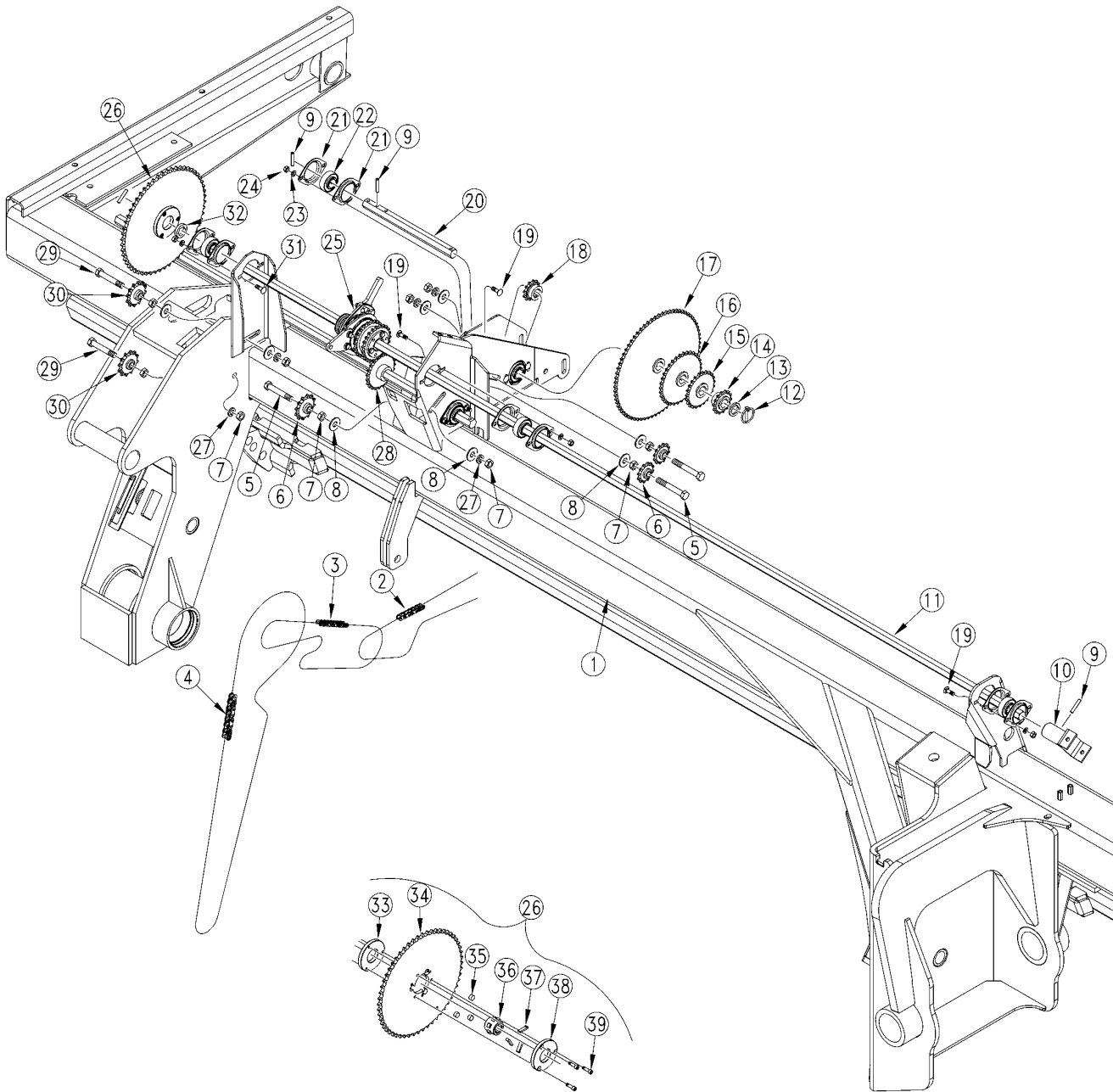
Right Hand Drive (S/N YY1151-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18812	Image No.		
1.	195-129H	U-JOINT YOKE 7/8 HEX BORE		
2.	195-152K	3S-3000 LH WING CLUTCH ASSY		
3.	195-232H	SPKT 50A56 WITH 7/8 HEX HUB		
4.	195-243D	7/8 HEX SPROCKET WASHER	Used only if needed.	
5.	195-259D	SEED JACK SHAFT 7/8 HEX WING		
6.	195-260D	POWER SHAFT 7/8 HEX RH OUTPUT		
7.	802-039C	HHCS 1/2-13X3 GR5		
8.	802-041C	HHCS 1/2-13X3 1/2 GR5		
9.	802-282C	RHSNB 5/16-18X1 GR5		
10.	803-008C	NUT HEX 5/16-18 PLT		
11.	803-036C	NUT HEX JAM 1/2-13 PLT		
12.	804-009C	WASHER LOCK SPRING 5/16 PLT		
13.	804-015C	WASHER LOCK SPRING 1/2 PLT		
14.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
15.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
16.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
17.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
18.	808-256C	SPKT 40C23 X 7/8 HEX BORE		
19.	808-257C	SPKT 40B34 X 7/8 HEX BORE		
20.	808-258C	SPKT 40B72 X 7/8 HEX BORE		
21.	808-259C	SPKT 40B14 X 7/8 HEX BORE		
22.	817-025C	NO. 40 12T IDLER SPKT.		
23.	817-423C	NO. 50 12T IDLER SPKT		
24.	822-032C	FLANGETTE 52 MST		
25.	822-119C	BRG 7/8HEXX2.05OD SPH		
26.	136-111D	CHAIN RL #40 68 PITCHES		
27.	136-122D	CHAIN RL #40 129 PITCHES		
28.	136-173D	CHAIN RL #50 X 161 PITCHES		

Right Hand Drive (S/N YY1152+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



27474

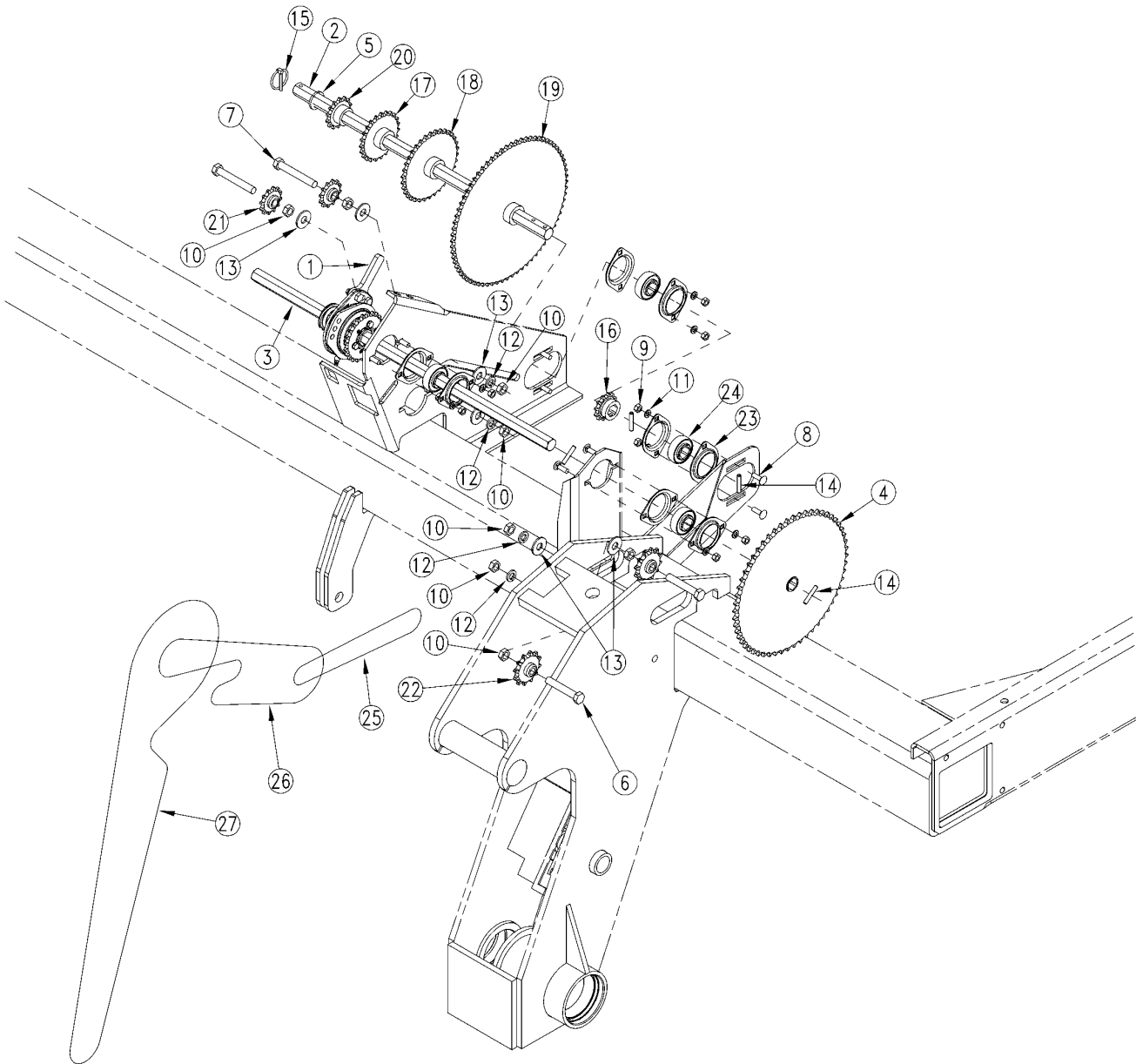
Right Hand Drive (S/N YY1152+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg27474	Image No.		
1.	194-183H	3S-4000 RH WING FRAME		
2.	136-111D	CHAIN RL #40 68 PITCHES		
3.	136-122D	CHAIN RL #40 129 PITCHES		
4.	136-173D	CHAIN RL #50 161 PITCHES		
5.	802-041C	HHCS 1/2-13X3 1/2 GR5		
6.	817-025C	NO. 40 12T IDLER SPKT.		
7.	803-036C	NUT HEX JAM 1/2-13 PLT		
8.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
9.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
10.	195-129H	U-JOINT YOKE, 7/8 HEX BORE		
11.	195-260D	POWER SHAFT 7/8 HEX RH OUTPUT	(S/N YY2531-)	
11.	195-375D	POWER SHAFT 7/8 HEX LH	(S/N YY2532+)	
12.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
13.	195-243D	7/8 HEX SPROCKET WASHER		
14.	808-259C	SPKT 40B14 X 7/8 HEX BORE		
15.	802-256C	HHCS 5/16-18X5 1/2 GR5		
16.	808-257C	SPKT 40B34 X 7/8 HEX BORE		
17.	808-258C	SPKT 40B72 X 7/8 HEX BORE		
18.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
19.	802-282C	RHSNB 5/16-18X1 GR5		
20.	195-169D	SEED JACK SHAFT 7/8 HEX WING		
21.	822-032C	FLANGETTE 52 MST		
22.	822-119C	BRG 7/8HEXX2.05OD SPH		
23.	804-009C	WASHER LOCK SPRING 5/16 PLT		
24.	803-008C	NUT HEX 5/16-18 PLT		
25.	195-187K	3S-3000F LH WING CLUTCH ASSY		
26.	195-232H	SPKT 50A56 WITH 7/8 HEX HUB	(S/N YY2531-)	
26.	195-321S	SPKT 50C56 RATCHET DRIVE	(S/N YY2532+) Includes items: 33-39	
27.	804-015C	WASHER LOCK SPRING 1/2 PLT		
28.	808-256C	SPKT 40C23 X 7/8 HEX BORE		
29.	802-039C	HHCS 1/2-13X3 GR5		
30.	817-423C	NO. 50 12T IDLER SPKT		
31.	802-092C	RHSNB 5/16-18X3/4 GR5	(S/N YY2532+)	
32.	195-376D	7/8 HEX WASHER X .21	(S/N YY2532+)	
33.	402-050D	CLUTCH, SIDE PLATE TAPPED		
34.	808-450C	SPKT 50A56 SPECIAL BORE		
35.	402-376D	POLYURETHANE ROD SPRING 5/16 L		
36.	890-954C	HUB RATCHET SPKT #50		
37.	403-751D	KEY RATCHET CLUTCH #50 SPKT		
38.	402-051D	CLUTCH, SIDE PLATE C/BORED		
39.	802-418C	HSNCS 1/4-20X7/8		

Left Hand Drive (S/N YY1151-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18814

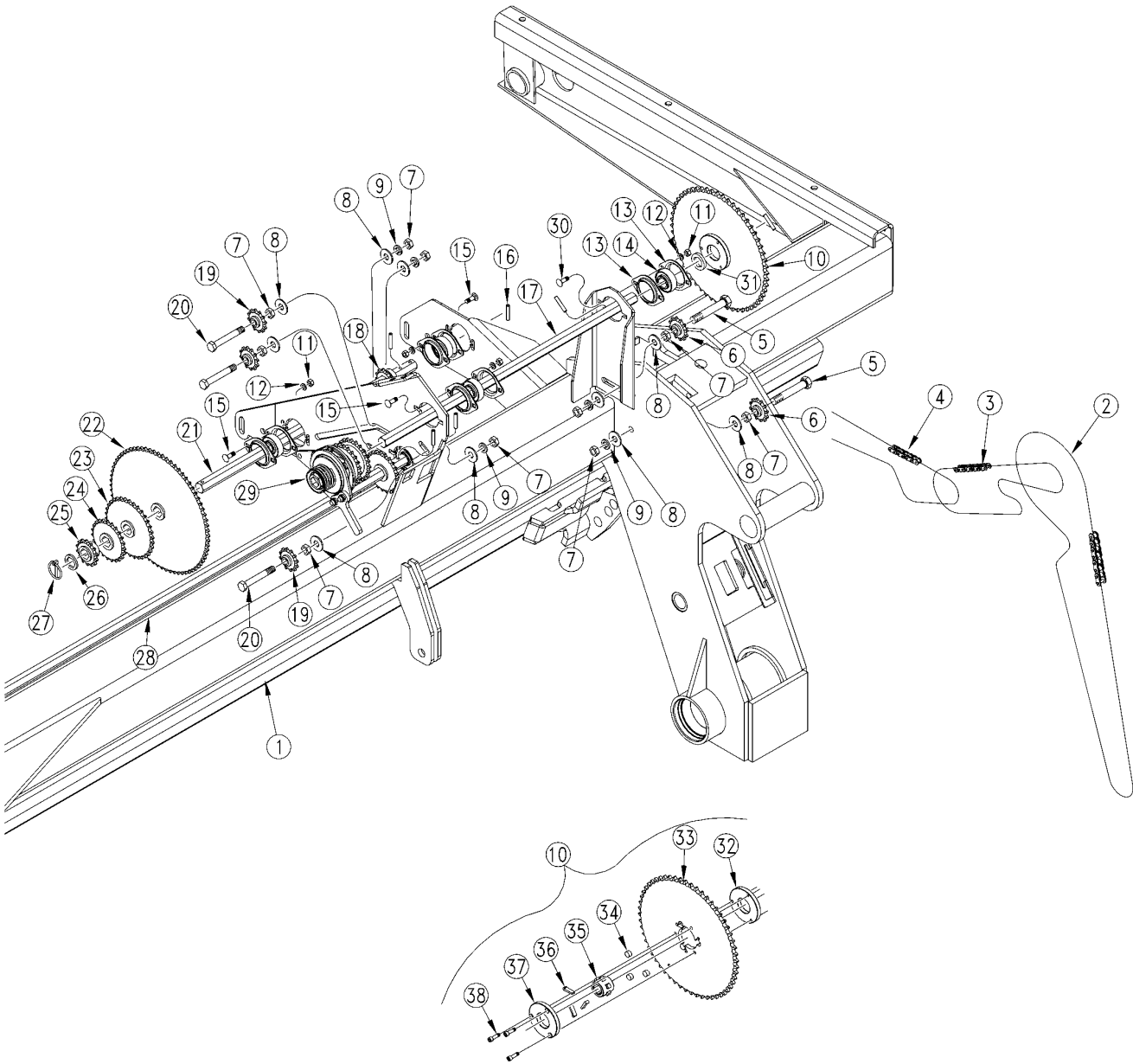
Left Hand Drive (S/N YY1151-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18814	Image No.		
1.	195-152K	3S-3000 LH WING CLUTCH ASSY		
2.	195-172D	SEED JACKSHAFT 7/8 HEX CENTER		
3.	195-189D	POWER SHAFT 7/8 HEX LH		
4.	195-232H	SPKT 50A56 WITH 7/8 HEX HUB		
5.	195-243D	7/8 HEX SPROCKET WASHER	Used only if needed.	
6.	802-039C	HHCS 1/2-13X3 GR5		
7.	802-041C	HHCS 1/2-13X3 1/2 GR5		
8.	802-282C	RHSNB 5/16-18X1 GR5		
9.	803-008C	NUT HEX 5/16-18 PLT		
10.	803-036C	NUT HEX JAM 1/2-13 PLT		
11.	804-009C	WASHER LOCK SPRING 5/16 PLT		
12.	804-015C	WASHER LOCK SPRING 1/2 PLT		
13.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
14.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
15.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
16.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
17.	808-256C	SPKT 40C23 X 7/8 HEX BORE		
18.	808-257C	SPKT 40B34 X 7/8 HEX BORE		
19.	808-258C	SPKT 40B72 X 7/8 HEX BORE		
20.	808-259C	SPKT 40B14 X 7/8 HEX BORE		
21.	817-025C	NO. 40 12T IDLER SPKT.		
22.	817-423C	NO. 50 12T IDLER SPKT		
23.	822-032C	FLANGETTE 52 MST		
24.	822-119C	BRG 7/8HEXX2.05OD SPH		
25.	136-111D	CHAIN RL #40 68 PITCHES		
26.	136-122D	CHAIN RL #40 129 PITCHES		
27.	136-173D	CHAIN RL #50 X 161 PITCHES		

Left Hand Drive (S/N YY1152+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



27446

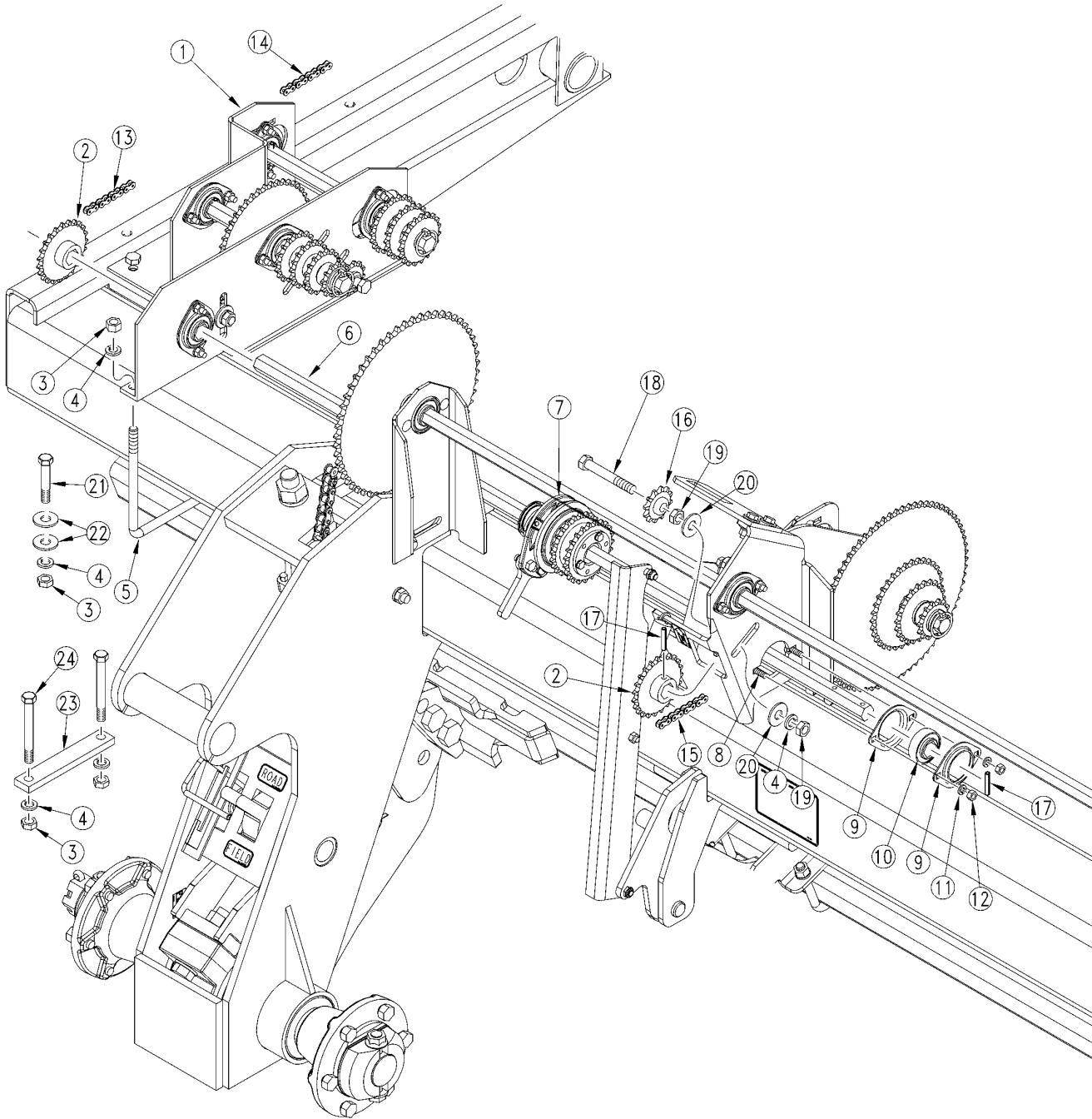
Left Hand Drive (S/N YY1152+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg27446	Image No.		
1.	194-182H	3S-4000 LH WING FRAME		
2.	136-173D	CHAIN RL #50 161 PITCHES		
3.	136-111D	CHAIN RL #40 68 PITCHES		
4.	136-122D	CHAIN RL #40 129 PITCHES		
5.	802-039C	HHCS 1/2-13X3 GR5		
6.	817-423C	NO. 50 12T IDLER SPKT		
7.	803-036C	NUT HEX JAM 1/2-13 PLT		
8.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
9.	804-015C	WASHER LOCK SPRING 1/2 PLT		
10.	195-232H	SPKT 50A56 WITH 7/8 HEX HUB	(S/N YY2531-)	
10.	195-321S	SPKT 50C56 RATCHET DRIVE	(S/N YY2532+) Includes items: 32-38	
11.	803-008C	NUT HEX 5/16-18 PLT		
12.	804-009C	WASHER LOCK SPRING 5/16 PLT		
13.	802-032C	HHCS 1/2-13X3/4 GR5		
14.	822-119C	BRG 7/8HEXX2.05OD SPH		
15.	802-282C	RHSNB 5/16-18X1 GR5		
16.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
17.	195-189D	POWER SHAFT 7/8 HEX LH	(S/N YY2531-)	
17.	195-375D	POWER SHAFT 7/8 HEX LH	(S/N YY2532+)	
18.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
19.	817-025C	NO. 40 12T IDLER SPKT.		
20.	802-041C	HHCS 1/2-13X3 1/2 GR5		
21.	195-172D	SEED JACKSHAFT 7/8 HEX CENTER		
22.	808-258C	SPKT 40B72 X 7/8 HEX BORE		
23.	808-257C	SPKT 40B34 X 7/8 HEX BORE		
24.	808-256C	SPKT 40C23 X 7/8 HEX BORE		
25.	808-259C	SPKT 40B14 X 7/8 HEX BORE		
26.	195-243D	7/8 HEX SPROCKET WASHER		
27.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
28.	195-272D	HEX SHAFT 7/8,4000 FERT JS LH		
29.	195-187K	3S-3000F LH WING CLUTCH ASSY		
30.	802-092C	RHSNB 5/16-18X3/4 GR5	(S/N YY2532+)	
31.	195-376D	7/8 HEX WASHER X .21	(S/N YY2532+)	
32.	402-050D	CLUTCH, SIDE PLATE TAPPED		
33.	808-450C	SPKT 50A56 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	SHCS 1/4-20X7/8		

Fertilizer Drive

(Applies to 3S-4000 HD, 3S-4000 HDF only)



21523

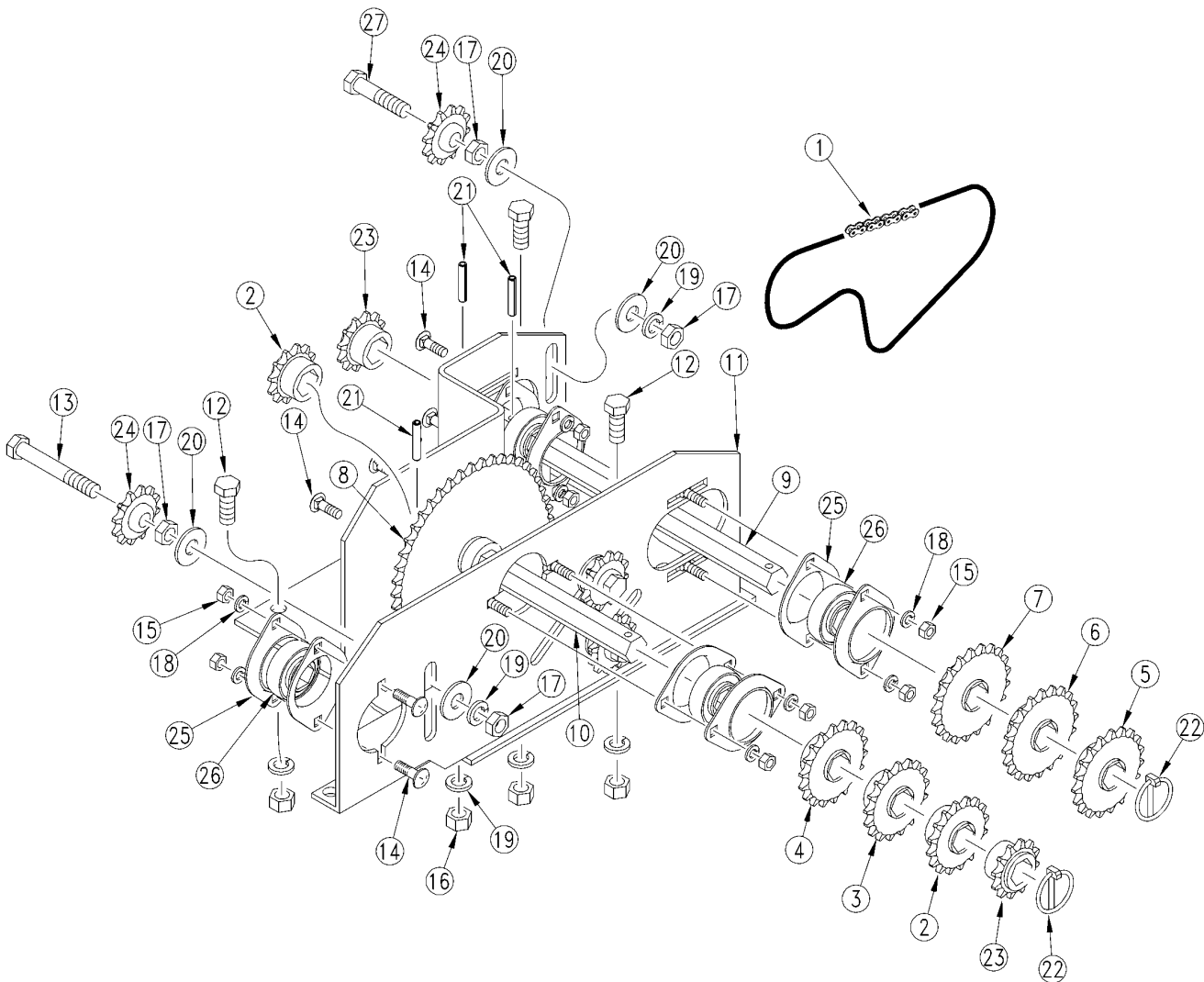
Fertilizer Drive

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg21523	Image No.		
1.	195-273S	40'-3S FERT DR SUBASSY LH	Refer to "Center Clutch Breakdown (195-246K)"	
2.	808-143C	SPKT 40B12 7/8 HEX BORE W/SS		
3.	803-020C	NUT HEX 1/2-13 PLT		
4.	804-015C	WASHER LOCK SPRING 1/2 PLT		
5.	806-060C	U-BOLT 1/2-13 X 6 1/32 X 7 1/4		
6.	195-271D	HEX SHAFT 7/8,4000 FERT JS RH		
6.	195-270D	HEX SHAFT 7/8,4000 FERT JS CTR		
6.	195-272D	HEX SHAFT 7/8,4000 FERT JS LH		
7.	195-187K	3S-3000F LH WING CLUTCH ASSY	Refer to "Center Clutch Breakdown (195-246K)"	
7.	195-272K	3S-4000F CTR CLUTCH ASSY	Refer to "Center Clutch Breakdown (195-246K)"	
8.	802-282C	RHSNB 5/16-18X1 GR5		
9.	822-032C	FLANGETTE 52 MST		
10.	822-119C	BRG 7/8HEXX2.05OD SPH		
11.	804-009C	WASHER LOCK SPRING 5/16 PLT		
12.	803-008C	NUT HEX 5/16-18 PLT		
13.	136-151D	CHAIN RL #40 59 PITCHES		
14.	136-207D	CHAIN RL #40 109 PITCHES W/CON		
15.	136-064D	CHAIN RL #40 51 PITCHES		
16.	817-025C	NO. 40 12T IDLER SPKT.		
17.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
18.	802-041C	HHCS 1/2-13X3 1/2 GR5		
19.	803-036C	NUT HEX JAM 1/2-13 PLT		
20.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
21.	802-091C	HHCS 1/2-13X1 1/2 GR5	Left box only	
22.	804-016C	WASHER FLAT 1/2 SAE PLT		
23.	195-007D	RH FERT DRIVE MNT CLAMP PLT	Use with marker only	
24.	802-377C	HHCS 1/2-13X7 1/2 GR5	Use with marker only	

Fertilizer Drive Subassembly

(Applies to 3S-4000 HD, 3S-4000 HDF only)



21524

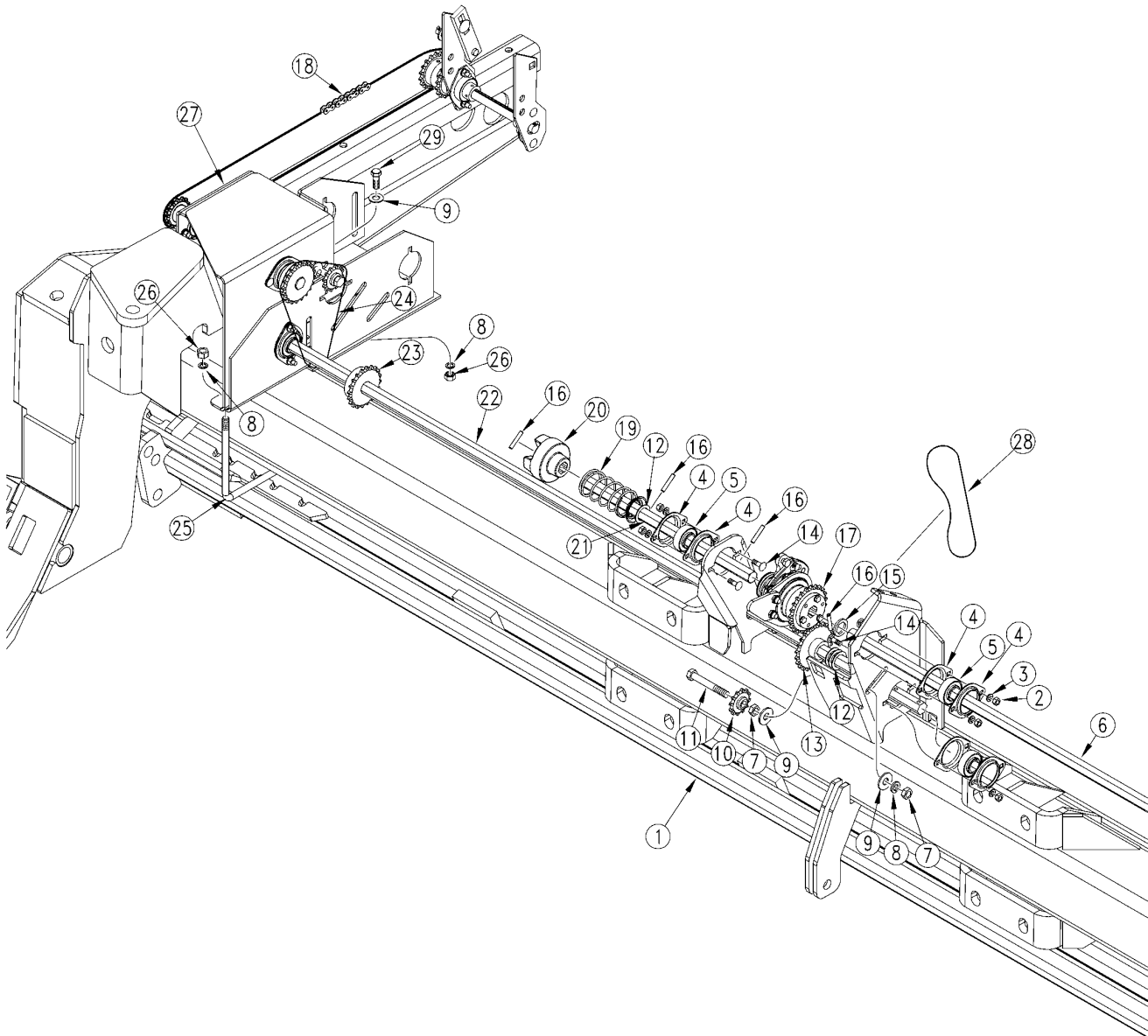
Fertilizer Drive Subassembly

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg21524	Image No.		
1.	136-027D	CHAIN RL #40 57 PITCHES		
2.	195-153H	SPKT 40B16T X 7/8 HEX BORE		
3.	195-154H	SPKT 40B17T X 7/8 HEX BORE		
4.	195-155H	SPKT 40B18T X 7/8 HEX BORE		
5.	195-156H	SPKT 40B19T X 7/8 HEX BORE		
6.	195-157H	SPKT 40B20T X 7/8 HEX BORE		
7.	195-158H	SPKT 40B21T X 7/8 HEX BORE		
8.	195-159H	SPKT 40B44T X 7/8 HEX BORE		
9.	195-210D	HEX SHAFT 7/8,FERT JACKSHAFT 2		
10.	195-268D	HEX SHAFT 7/8,FERT JACKSHAFT		
11.	195-269H	40'-3S FERT DRIVE WELDMENT RH		
12.	802-034C	HHCS 1/2-13X1 1/4 GR5		
13.	802-041C	HHCS 1/2-13X3 1/2 GR5		
14.	802-282C	RHSNB 5/16-18X1 GR5		
15.	803-008C	NUT HEX 5/16-18 PLT		
16.	803-020C	NUT HEX 1/2-13 PLT		
17.	803-036C	NUT HEX JAM 1/2-13 PLT		
18.	804-009C	WASHER LOCK SPRING 5/16 PLT		
19.	804-015C	WASHER LOCK SPRING 1/2 PLT		
20.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
21.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
22.	805-240C	PIN LINCH 3/16 X 1 9/16 LONG		
23.	808-260C	SPKT 40B12 X 7/8 HEX BORE		
24.	817-025C	NO. 40 12T IDLER SPKT.		
25.	822-032C	FLANGETTE 52 MST		
26.	822-119C	BRG 7/8HEXX2.05OD SPH		
27.	802-130C	HHCS 1/2-13X2 1/2 GR5		

Small Seeds Drive

(Applies to 3S-4000 HD, 3S-4000 HDF only)



27411

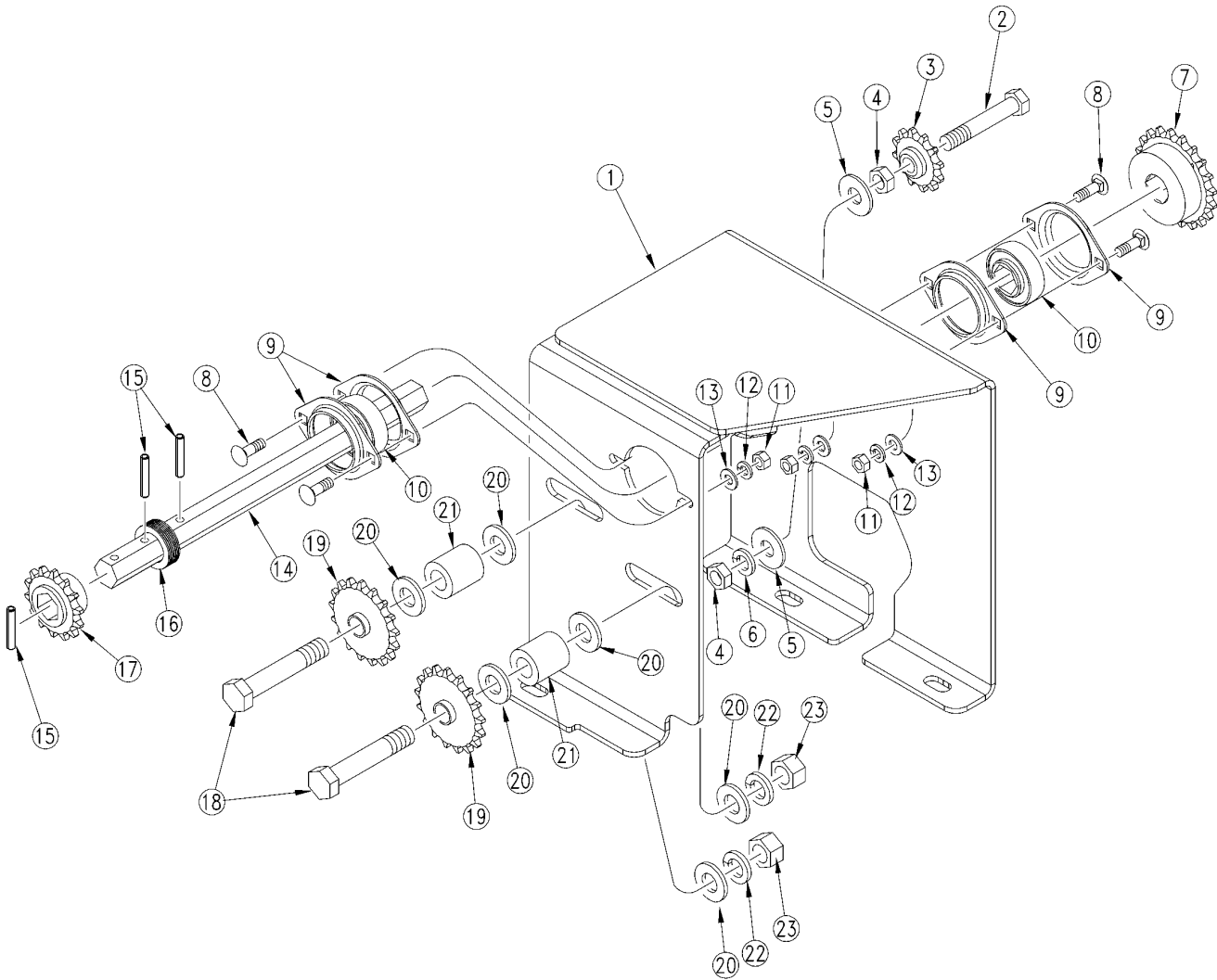
Small Seeds Drive

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg27411	Image No.		
1.	194-184H	3S-4000 CENTER BOX FRAME		
1.	194-182H	3S-4000 LH WING FRAME		
1.	194-183H	3S-4000 RH WING FRAME		
2.	804-009C	WASHER LOCK SPRING 5/16 PLT		
3.	803-008C	NUT HEX 5/16-18 PLT		
4.	822-032C	FLANGETTE 52 MST		
5.	822-119C	BRG 7/8HEXX2.05OD SPH		
6.	195-258D	ACRE METER SHAFT		
7.	803-036C	NUT HEX JAM 1/2-13 PLT		
8.	804-015C	WASHER LOCK SPRING 1/2 PLT		
9.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
10.	817-025C	NO. 40 12T IDLER SPKT.		
11.	802-041C	HHCS 1/2-13X3 1/2 GR5		
12.	804-061C	WASHER MACH 1.50 X 1.00 X 18GA		
13.	808-256C	SPKT 40C23 X 7/8 HEX BORE		
14.	802-282C	RHSNB 5/16-18X1 GR5		
15.	195-243D	7/8 HEX SPROCKET WASHER		
16.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
17.	195-272K	3S-4000F CTR CLUTCH ASSY	Refer to "Fertilizer Clutch Center Box Breakdown (195-272K)" for breakdown	
18.	136-154D	CHAIN RL #40 214 PITCHES		
19.	807-097C	SPRING COMP 2 1/16 OD X 4 LG		
20.	195-109D	BRKAWAY CLUTCH 7/8 HX LONG BR		
21.	195-257D	POWER SHAFT 7/8 HEX CENTER		
22.	195-270D	HEX SHAFT 7/8,4000 FERT JS CTR		
23.	808-194C	SPKT 40B22 7/8 HEX BORE & SS		
24.	136-078D	CHAIN RL #40 52 PITCHES		
25.	806-020C	U-BOLT 5/8-11 X 2 1/32 X 3 1/2		
26.	803-020C	NUT HEX 1/2-13 PLT		
27.	133-324K	SML SDS ON FERT JS MNT ASY	Refer to "Small Seeds Drive Subassembly" for breakdown	
28.	136-064D	CHAIN RL #40 51 PITCHES		
29.	802-034C	HHCS 1/2-13X1 1/4 GR5		

Small Seeds Drive Subassembly

(Applies to 3S-4000 HD, 3S-4000 HDF only)



27417

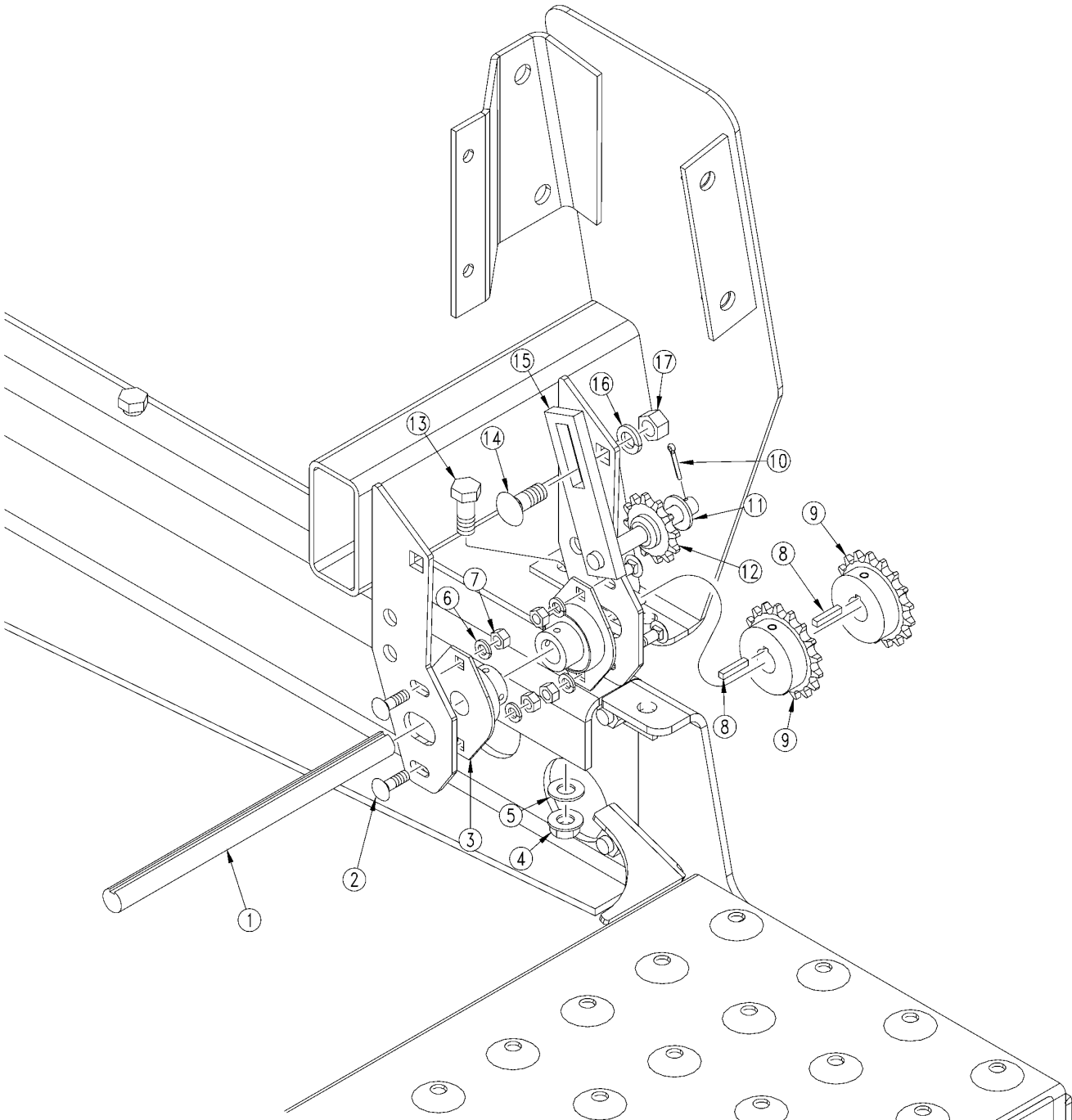
Small Seeds Drive Subassembly

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg27417	Image No.		
1.	133-323H	SML SDS ON FERT JS MNT WLMT		
2.	802-039C	HHCS 1/2-13X3 GR5		
3.	817-025C	NO. 40 12T IDLER SPKT.		
4.	803-036C	NUT HEX JAM 1/2-13 PLT		
5.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
6.	804-015C	WASHER LOCK SPRING 1/2 PLT		
7.	808-194C	SPKT 40B22 7/8 HEX BORE & SS		
8.	802-282C	RHSNB 5/16-18X1 GR5		
9.	822-032C	FLANGETTE 52 MST		
10.	822-119C	BRG 7/8HEXX2.05OD SPH		
11.	803-008C	NUT HEX 5/16-18 PLT		
12.	804-009C	WASHER LOCK SPRING 5/16 PLT		
13.	804-036C	WASHER FLAT 5/16 SAE PLT		
14.	133-101D	SML SDS ON FERT JS		
15.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
16.	804-061C	WASHER MACH 1.50 X 1.00 X 18GA		
17.	808-259C	SPKT 40B14 X 7/8 HEX BORE		
18.	802-162C	HHCS 5/8-11X3 1/2 GR5		
19.	808-146C	SPKT 40C29 X 7/8 HEX BORE		
20.	804-095C	WASHER FLAT 5/8 HARD ASTM436		
21.	166-389D	AUGER PIVOT ARM LOCK TUBE		
22.	804-022C	WASHER LOCK SPRING 5/8 PLT		
23.	803-021C	NUT HEX 5/8-11 PLT		

Small Seeds to Drive

(Applies to 3S-4000 HD, 3S-4000 HDF only)



27420

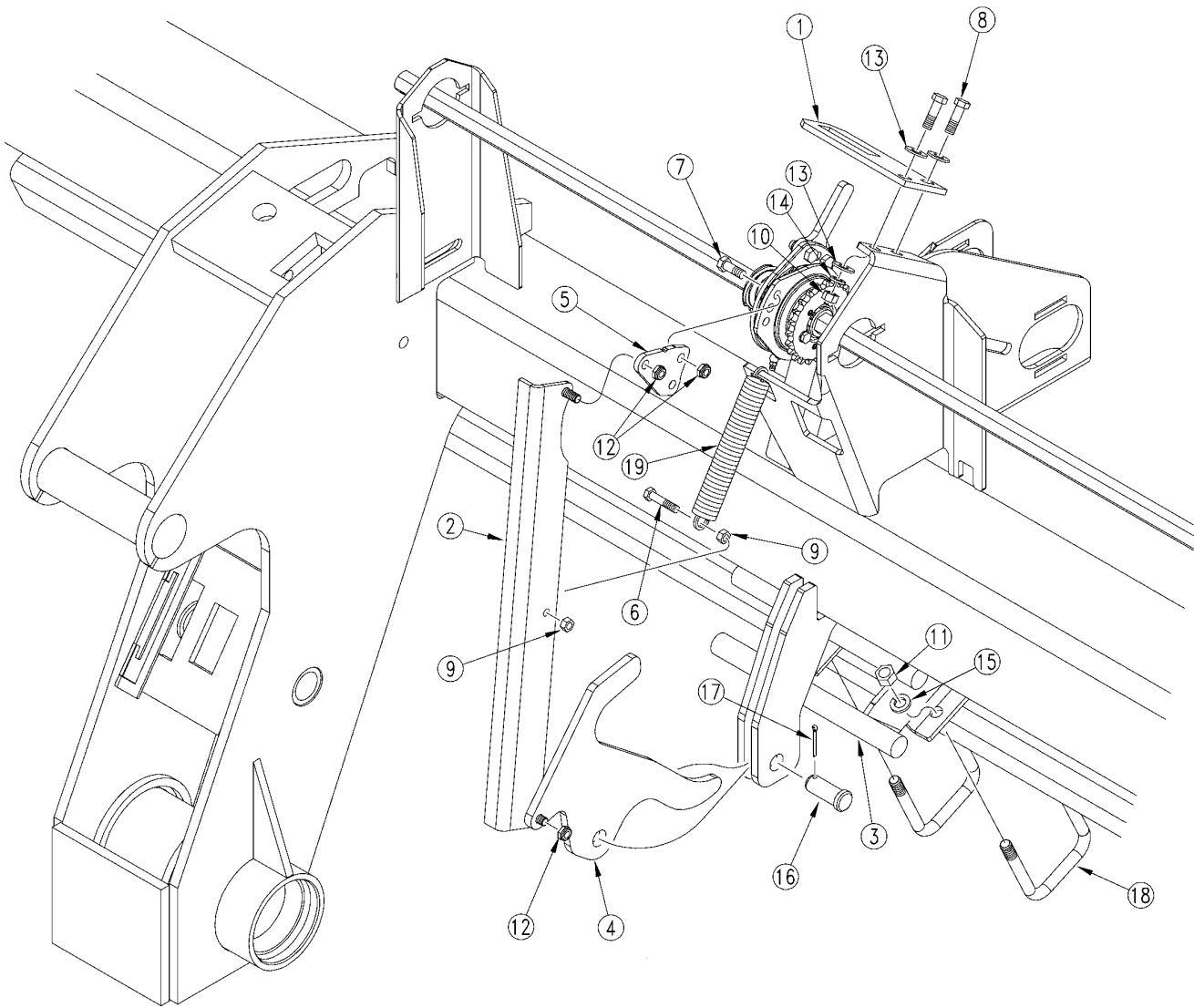
Small Seeds to Drive

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg27420	Image No.		
1.	133-024D	RND SHAFT 3/4 X 11 W/KW		
2.	802-282C	RHSNB 5/16-18X1 GR5		
3.	822-126C	BRG FLG .75ID 2BOLT		
4.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
5.	804-113C	WASHER FLAT 1/2 USS HARD PLT		
6.	804-009C	WASHER LOCK SPRING 5/16 PLT		
7.	803-008C	NUT HEX 5/16-18 PLT		
8.	168-127D	3/16 X 1 KEY		
9.	808-170C	SPKT 40B17 X 3/4BORE W/KW&SS		
10.	805-067C	PIN COTTER 1/8 X 3/4		
11.	804-016C	WASHER FLAT 1/2 SAE PLT		
12.	817-025C	NO. 40 12T IDLER SPKT.		
13.	802-203C	HFSS 1/2-13X1 1/2 GR5		
14.	802-214C	RHSNB 1/2-13X1 1/4 GR5		
15.	123-832H	SLOTTED IDLER ARM 1/2 X 3 5/16		
16.	804-015C	WASHER LOCK SPRING 1/2 PLT		
17.	803-020C	NUT HEX 1/2-13 PLT		

Clutch Linkage

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18818

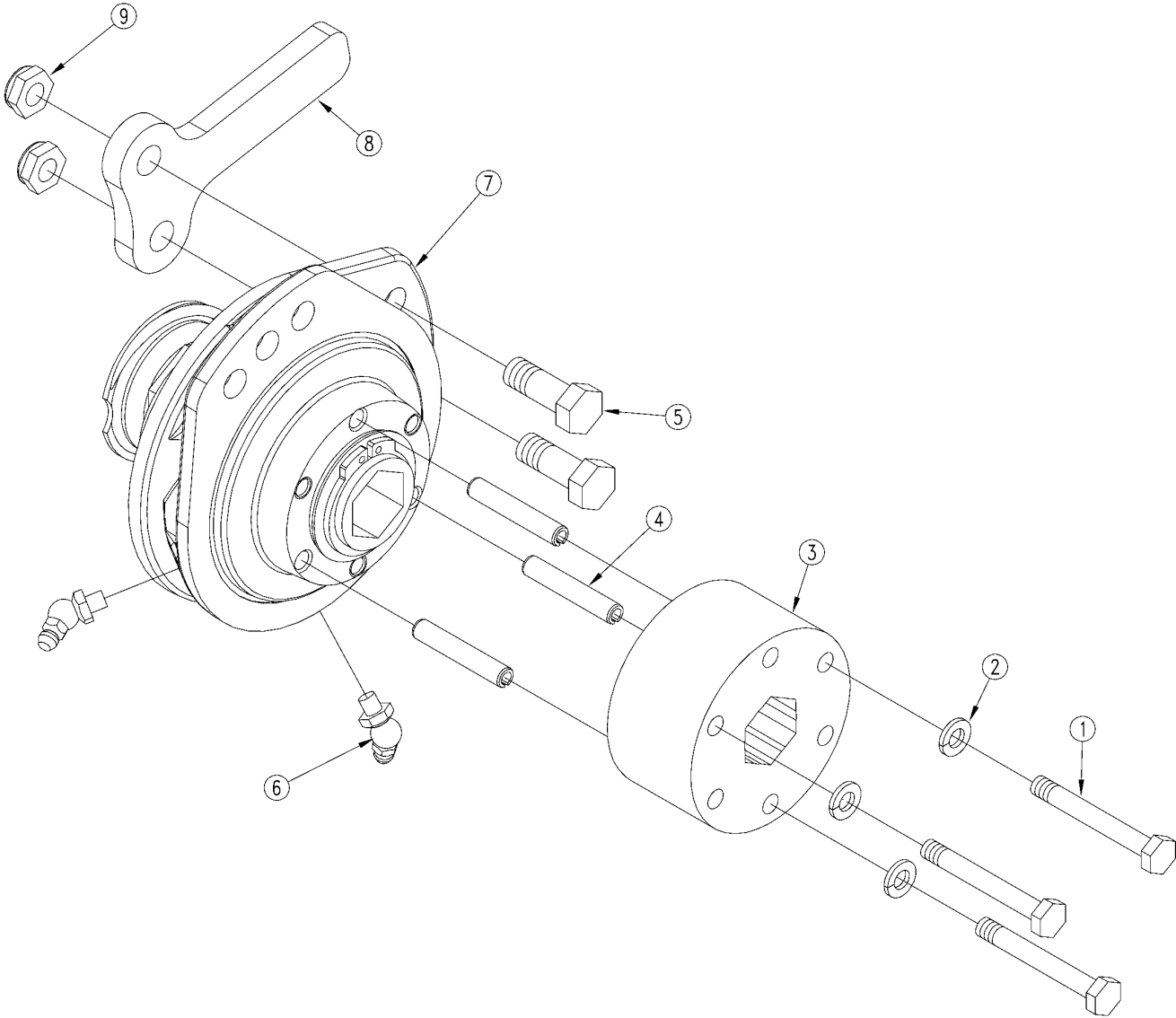
Clutch Linkage

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18818	Image No.		
1.	152-263D	CLUTCH ENGAGE TAB		
2.	195-130H	CLUTCH SHUTOFF LINK, 00 SERIES		
3.	195-131H	SUBFRM CLUTCH BRKT,SOLID STAND		
4.	195-144D	CLUTCH SHUTOFF CAM, 00 SERIES		
5.	195-254D	CLUTCH PULL TAB		
6.	802-012C	HHCS 5/16-18X1 1/2 GR5		
7.	802-017C	HHCS 3/8-16X1 GR5		
8.	802-079C	HHCS 3/8-16X1 1/4 GR5		
9.	803-008C	NUT HEX 5/16-18 PLT		
10.	803-014C	NUT HEX 3/8-16 PLT		
11.	803-020C	NUT HEX 1/2-13 PLT		
12.	803-215C	NUT NYLOCK JAM THIN 3/8-16 PLT		
13.	804-011C	WASHER FLAT 3/8 USS PLT		
14.	804-013C	WASHER LOCK SPRING 3/8 PLT		
15.	804-015C	WASHER LOCK SPRING 1/2 PLT		
16.	805-083C	PIN CLEVIS 3/4 X 1 1/2		
17.	805-109C	PIN COTTER 1/8 X 1 1/4 PLT		
18.	806-066C	U-BOLT 1/2-13X3 1/32X4		
19.	807-072C	SPRING EXT 1 1/16 ODX.120WX5.5		

Center Clutch Breakdown (195-246K)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18819

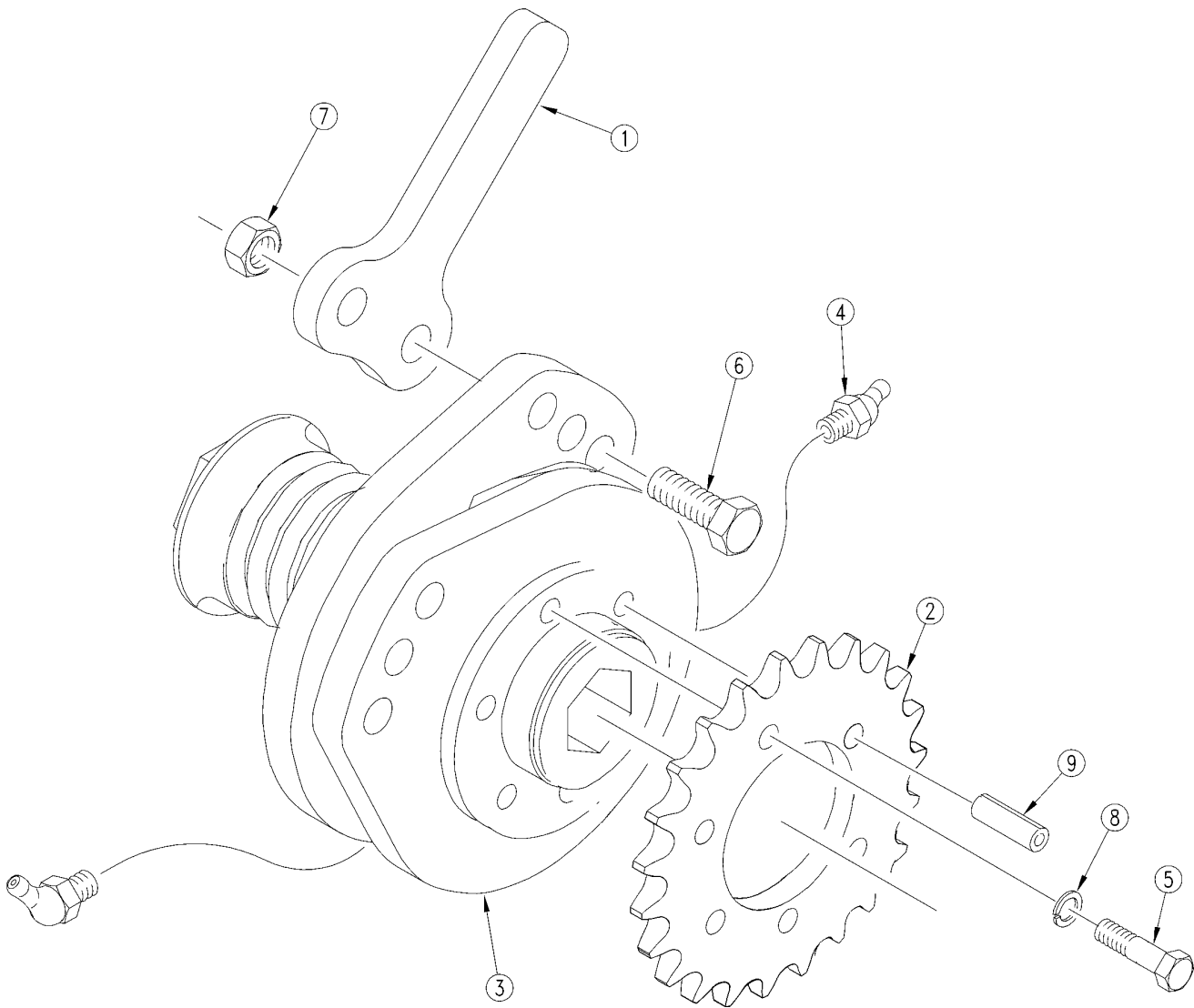
Center Clutch Breakdown (195-246K)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18819	Image No.		
1.	802-152C	HHCS 1/4-20X2 GR5		
2.	804-006C	WASHER LOCK SPRING 1/4 PLT		
3.	195-170D	CLUTCH ADAPTOR 7/8 HEX BORE		
4.	805-180C	PIN ROLL 1/4 X 1 1/2 LG PLT		
5.	802-017C	HHCS 3/8-16X1 GR5		
6.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
7.	176-042S	JAW CLUTCH CW EXT 7/8 HEX		
8.	152-262D	CLUTCH ENGAGE ARM		
9.	803-215C	NUT NYLOCK JAM THIN 3/8-16 PLT		

Left Hand Clutch Breakdown (195-152K)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18822

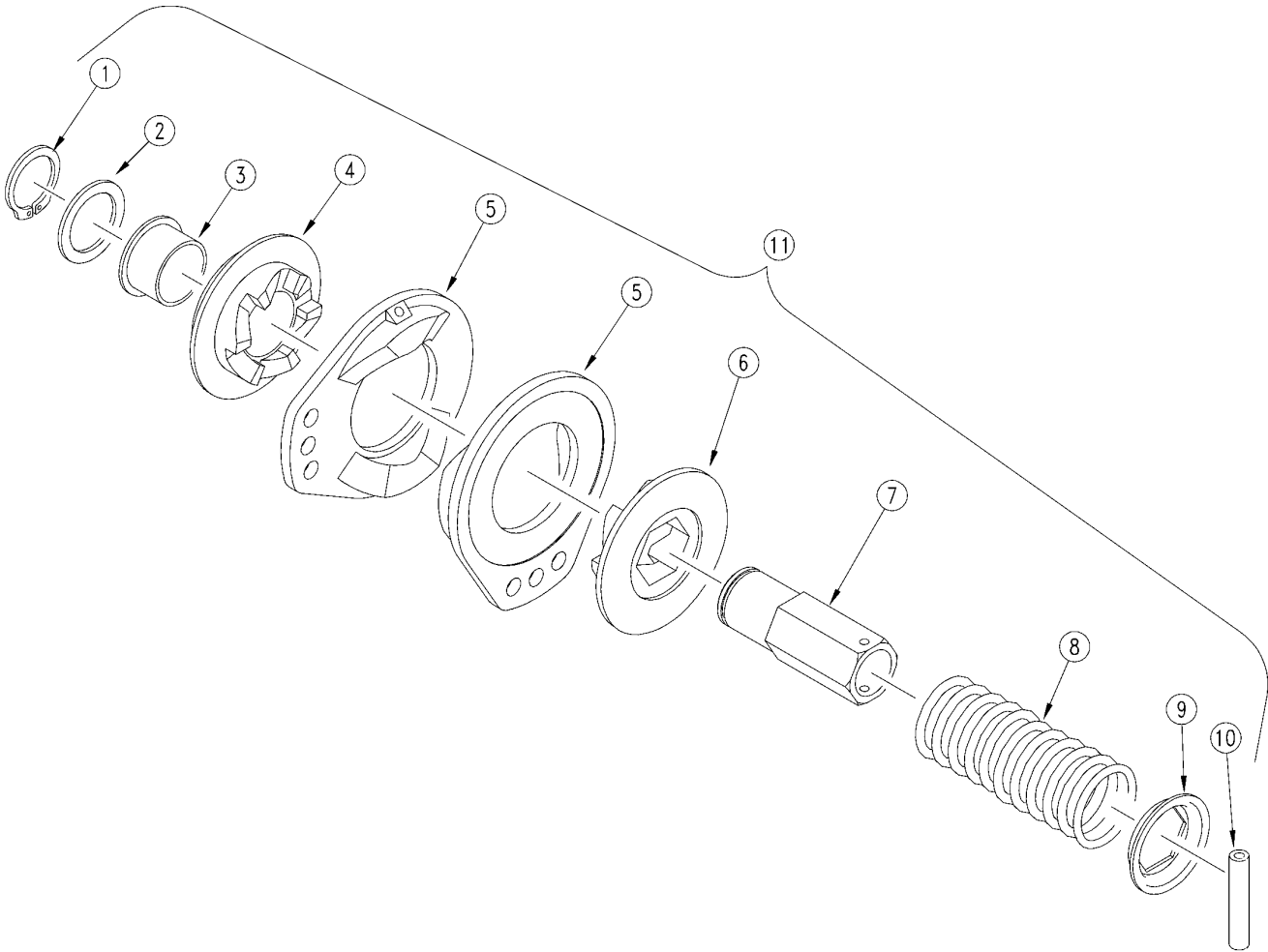
Left Hand Clutch Breakdown (195-152K)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18822	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.	802-004C	HHCS 1/4-20X3/4 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.	805-026C	PIN ROLL 1/4 X 3/4 PLT		

Jaw Clutch

(Applies to 3S-4000 HD, 3S-4000 HDF only)



10249

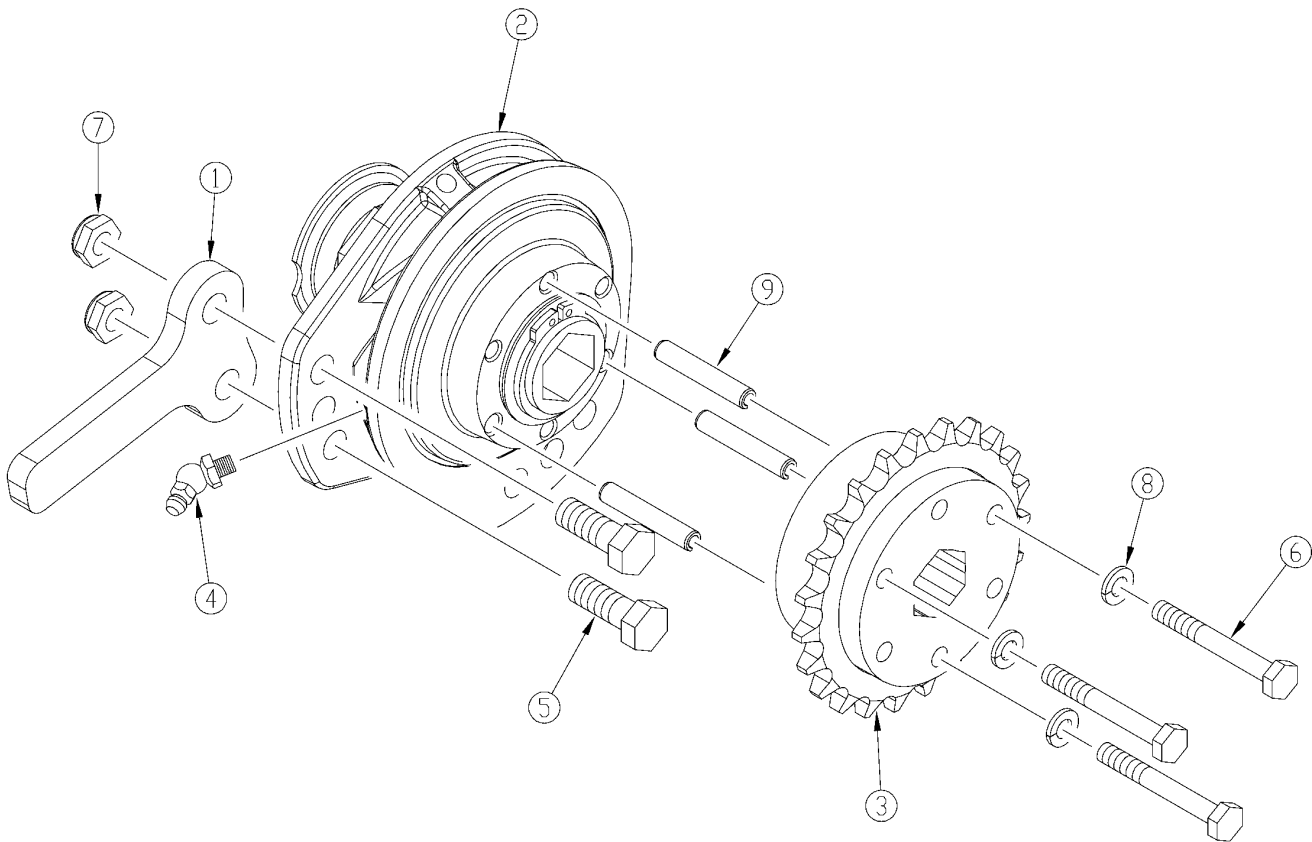
Jaw Clutch

(Applies to 3S-4000 HD, 3S-4000 HDF 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	CLUTCH 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		

Fertilizer Clutch Center Box Breakdown (195-272K)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



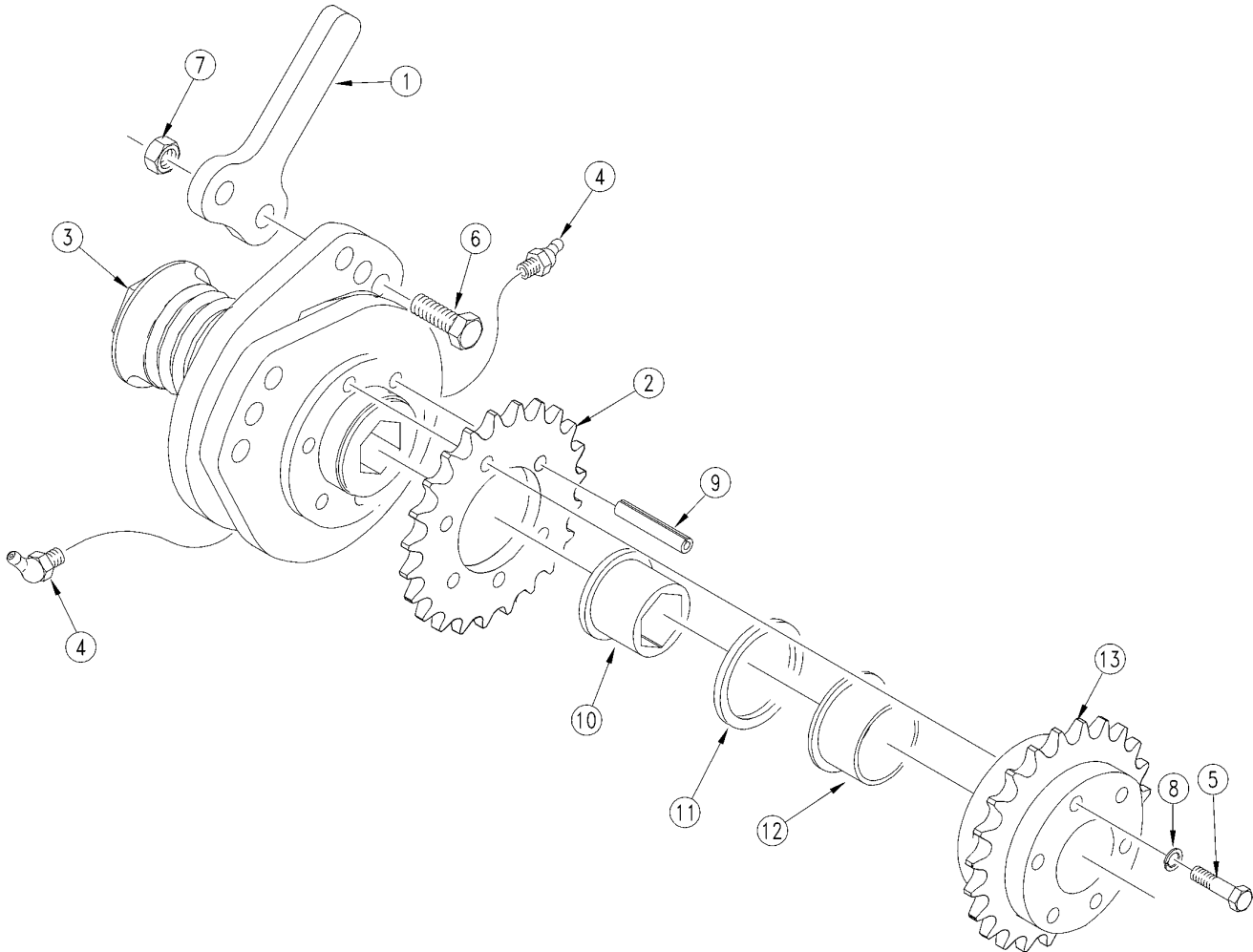
Fertilizer Clutch Center Box Breakdown (195-272K)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg21526	Image No.		
1.	152-262D	CLUTCH ENGAGE ARM		
2.	176-042S	JAW CLUTCH CW EXT 7/8 HEX		
3.	195-280H	SPKT CLUTCH 40B23T 7/8HEX BORE		
4.	800-058C	GREASE ZERK 1/4-28 X 45-DEG		
5.	802-017C	HHCS 3/8-16X1 GR5		
6.	802-152C	HHCS 1/4-20X2 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		

Fertilizer Clutch LH/RH Box Breakdown (195-187K)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



16465

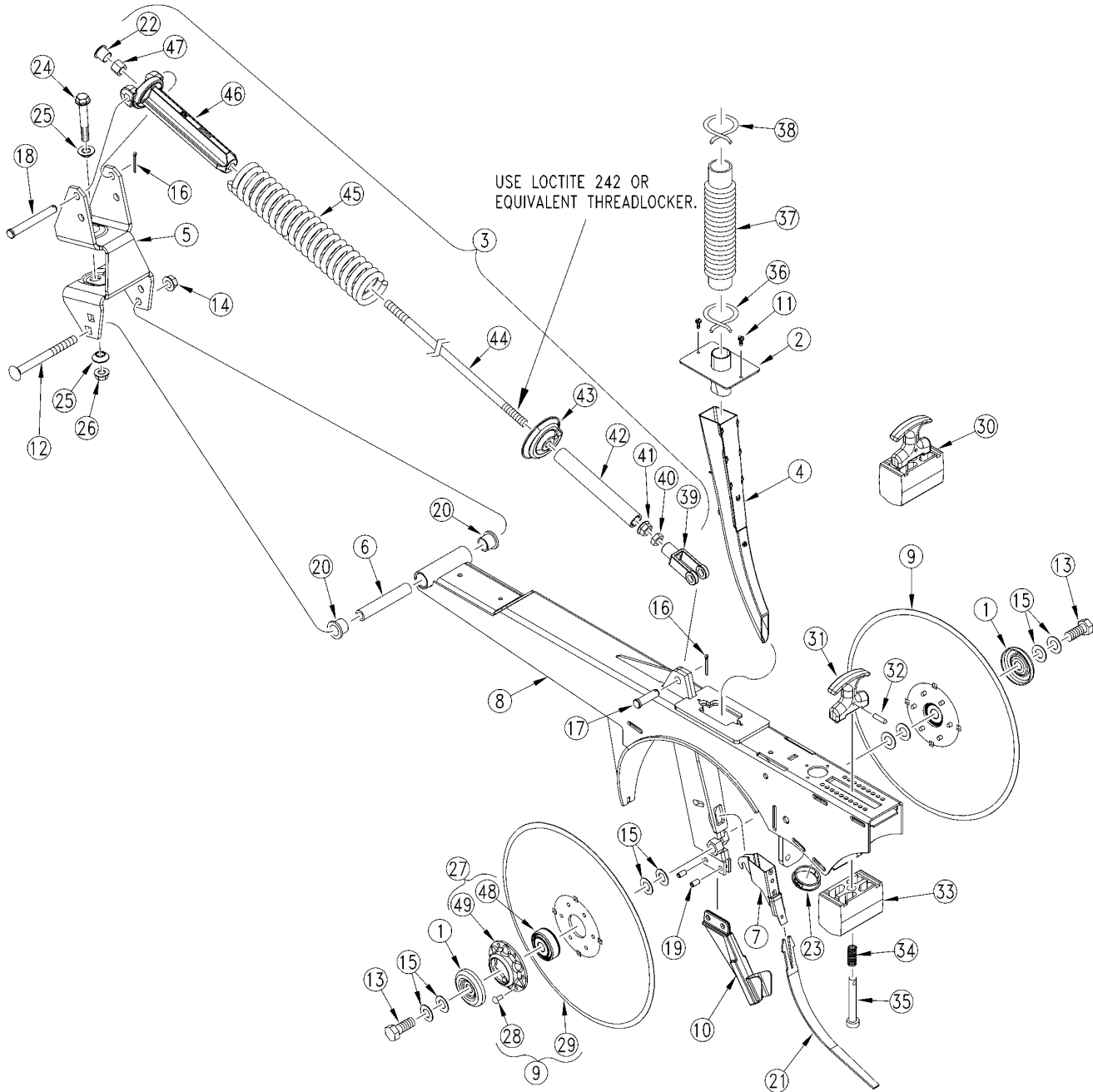
Fertilizer Clutch LH/RH Box Breakdown (195-187K)

(Applies to 3S-4000 HD, 3S-4000 HDF 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.	176-065D	CLUTCH FRICTION WASHER		
12.	817-111C	BSHG FLG 1.26IDX1.41ODX.87L		
13.	195-160H	SPKT CLUTCH 40B23T RND BORE		

HD 00 Series Long Arm Opener (S/N YY1978-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



24426

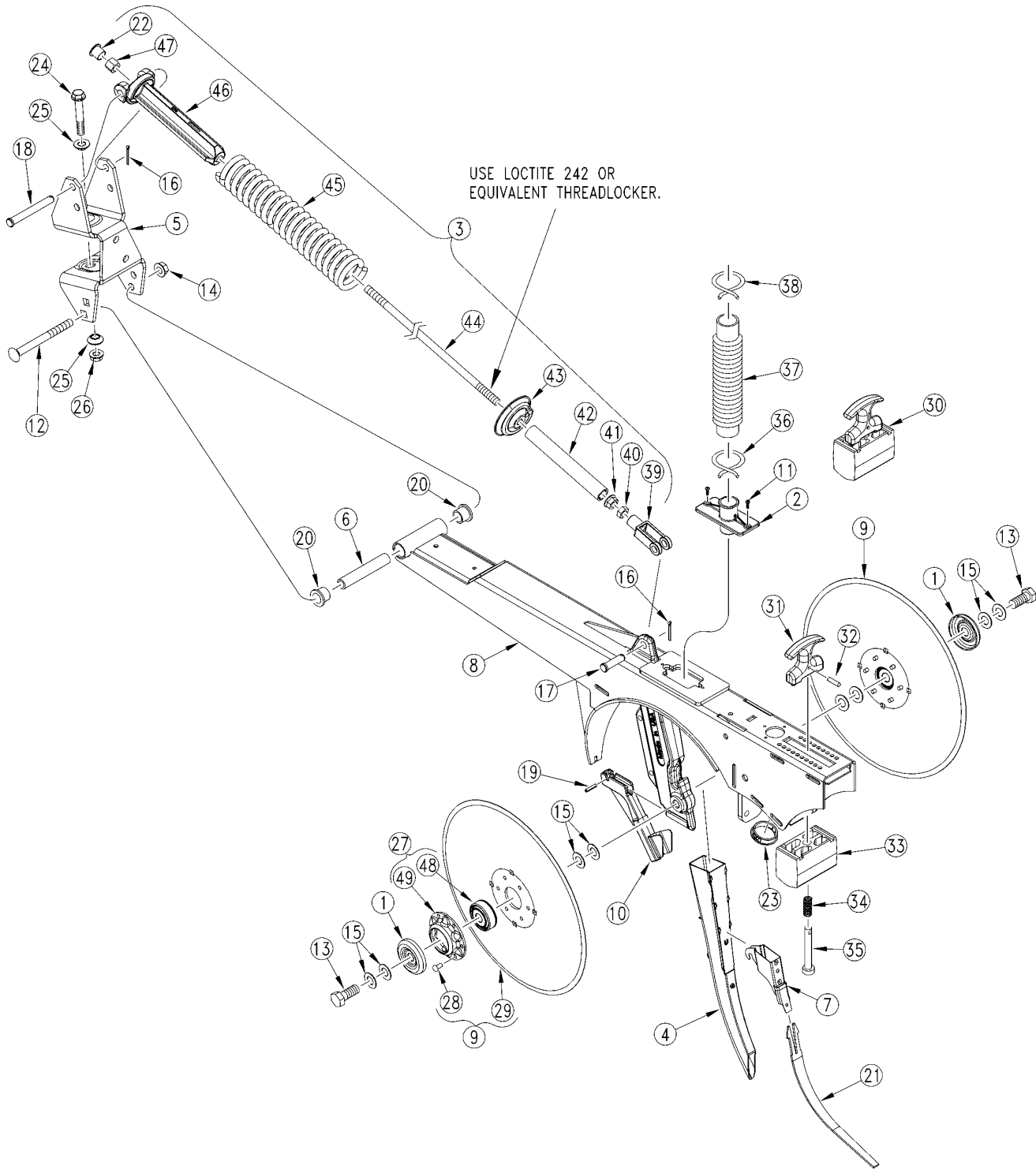
HD 00 Series Long Arm Opener (S/N YY1978-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg24426	Image No.		
1.	107-111D	DD BRG FLANGE DUST COVER		
2.	817-704C	UPPER SEED TUBE CAP		
3.	121-005S	OPENER SPRING ROD ASSY. LONG.		
4.	817-697C	HD 00 SEED TUBE ASSEMBLY		
5.	121-151D	OPENER MOUNTING BRACKET		
6.	142-198D	STRAIGHT ARM OPENER PIVOT PIPE		
7.	198-331D	SEED TUBE 25S HOOK CLIP		
8.	221-131H	OPENER WELDMENT-HD 00 LONG		
9.	404-121S	4.0 MM 15 DISC W/ 5/8 ASSY	Includes items 27-29	
10.	404-170H	25P SCRAPER SEPARATOR WLDMT		
11.	801-172C	SCREW HEX SLT 10-16X3/4PHTD CT		
12.	802-121C	RHSNB 1/2-13X5 1/2 GR5		
13.	802-228C	HHCS 5/8-11X1 1/2 GR5 NYL		
14.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
15.	804-040C	WASHER MACH 1.19 X .63 X 18GA		
16.	805-109C	PIN COTTER 1/8 X 1 1/4 PLT		
17.	805-127C	PIN CLEVIS 1/2 X 1 3/4		
18.	805-234C	PIN CLEVIS 1/2 X 4 PLATED		
19.	805-335C	PIN ROLL 5/16 X 5/8 PLT		
20.	817-084C	PARALLEL ARM PIVOT BUSHING		
21.	817-349C	SEED FLAP, UHMW, LONG	Use without Seed-Lok or Keeton Seed Firmer	
21.	816-536C	SEED FLAP-RUBBER, SEED-LOK LNG	For use with Seed-Lok	
22.	816-306C	PLUG, SPRING ROD CASTING		
23.	817-688C	HOLE PLUG 1 3/4		
24.	802-045C	HHCS 1/2-13X5 GR5		
25.	804-154C	WASHER POWDER METAL CONE 1/2		
26.	803-037C	NUT HEX WHIZ 1/2-13 PLT		
27.	107-137V	FLANGE AND BEARING ASSY		
28.	800-213C	RIVET,BUTTON HEAD 1/4 X 1/2		
29.	820-287C	4.0 MM 15 DISK (21 DEG BEVEL)		
30.	122-001S	PW ADJUST TRUNION ASSY		
31.	817-328C	T-HANDLE ASSEMBLY		
32.	805-186C	PIN ROLL 5/32 X 5/8 PLT		
33.	817-347C	OPENER TRUNION		
34.	807-106C	SPRING .540 O.D.X 1 1/4 X.054W		
35.	805-385C	PIN CLEVIS 3/8 X 3 PLT		
36.	800-008C	CLAMP HOSE 1 1/2 NO. 24		
37.	816-239C	SEED HOSE 56 RIBS X 11 LONG		
38.	800-009C	CLAMP HOSE 1 5/8 NO. 26		
39.	121-044D	ADJ.YOKE END 11/16" OPENING		
40.	803-036C	NUT HEX JAM 1/2-13 PLT		
41.	803-193C	NUT HEX FLANGE 1/2-13 GR G PLT		
42.	121-169D	SPACER TB ALUM 1ODX 1/2 X 7.28		
43.	121-154D	SPRING STOP STAMPING		
44.	800-322C	STUD 1/2-13X17.6 SPTHDBBLEND		
45.	807-262C	SPRING COMP 2.56ODX.393X12.875		
46.	812-236C	OPNR SPRING RD TRUNION CASTING		
47.	803-310C	NUT HEX 1/2-20 X 5/8 HIGH		
48.	188-001V	BEARING AA205DD		
49.	890-466C	HSG RIBB FLG 6BOLT PLT		

HD 00 Series Long Arm Opener (S/N YY1979 - YY2270)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



29469

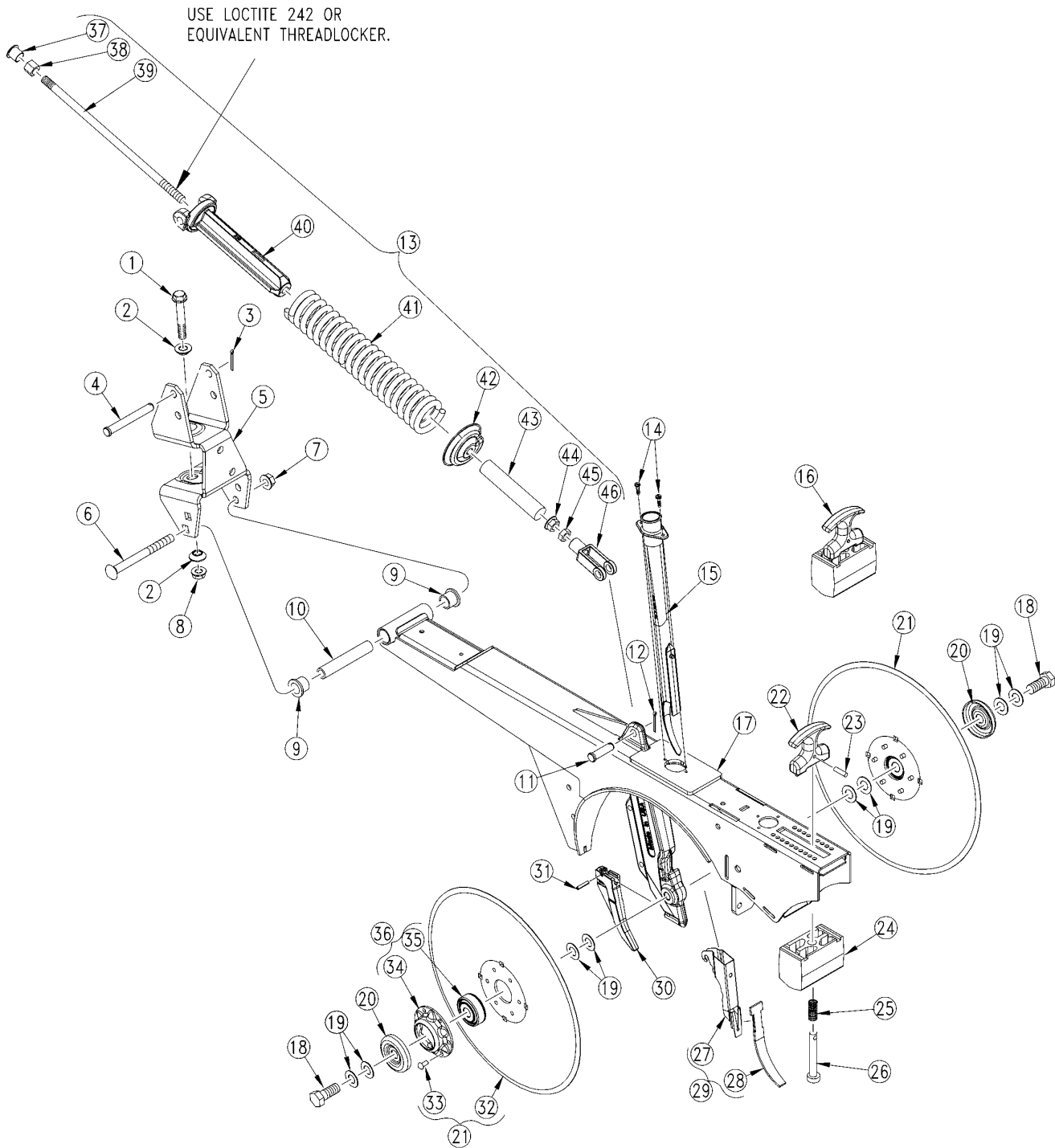
HD 00 Series Long Arm Opener (S/N YY1979 - YY2270)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg29469	Image No.		
1.	107-111D	DD BRG FLANGE DUST COVER		
2.	817-704C	UPPER SEED TUBE CAP		
3.	121-005S	OPENER SPRING ROD ASSY. LONG.		
4.	817-697C	HD 00 SEED TUBE ASSEMBLY		
5.	121-151D	OPENER MOUNTING BRACKET		
6.	142-198D	STRAIGHT ARM OPENER PIVOT PIPE		
7.	198-331D	SEED TUBE 25S HOOK CLIP		
8.	221-642H	OPENER WELD HD 00 LONG		
9.	404-121S	4.0 MM 15 DISC W/ 5/8 ASSY	Includes items 27-29	
10.	121-008H	SCRAPER SEPARATOR WELD		
11.	801-172C	SCREW HEX SLT 10-16X3/4PTHD CT		
12.	802-121C	RHSNB 1/2-13X5 1/2 GR5		
13.	802-228C	HHCS 5/8-11X1 1/2 GR5 NYL		
14.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
15.	804-040C	WASHER MACH 1.19 X .63 X 18GA		
16.	805-109C	PIN COTTER 1/8 X 1 1/4 PLT		
17.	805-127C	PIN CLEVIS 1/2 X 1 3/4		
18.	805-234C	PIN CLEVIS 1/2 X 4 PLATED		
19.	805-026C	PIN ROLL 1/4 X 3/4 PLT		
20.	817-084C	PARALLEL ARM PIVOT BUSHING		
21.	817-349C	SEED FLAP, UHMW, LONG	For use without Seed-Lok or Keeton Seed Firmer	
21.	816-536C	SEED FLAP-RUBBER, SEED-LOK LNG	For use with Seed-Lok	
22.	816-306C	PLUG, SPRING ROD CASTING		
23.	817-688C	HOLE PLUG 1 3/4		
24.	802-045C	HHCS 1/2-13X5 GR5		
25.	804-154C	WASHER POWDER METAL CONE 1/2		
26.	803-037C	NUT HEX WHIZ 1/2-13 PLT		
27.	107-137V	FLANGE AND BEARING ASSY		
28.	800-213C	RIVET,BUTTON HEAD 1/4 X 1/2		
29.	820-287C	4.0 MM 15 DISK (21 DEG BEVEL)		
30.	122-001S	PW ADJUST TRUNION ASSY		
31.	817-328C	T-HANDLE ASSEMBLY		
32.	805-186C	PIN ROLL 5/32 X 5/8 PLT		
33.	817-347C	OPENER TRUNION		
34.	807-106C	SPRING .540 O.D.X 1 1/4 X.054W		
35.	805-385C	PIN CLEVIS 3/8 X 3 PLT		
36.	800-008C	CLAMP HOSE 1 1/2 NO. 24		
37.	816-239C	SEED HOSE 56 RIBS X 11 LONG		
38.	800-009C	CLAMP HOSE 1 5/8 NO. 26		
39.	121-044D	ADJ. YOKE END, 11/16" OPENING		
40.	803-036C	NUT HEX JAM 1/2-13 PLT		
41.	803-193C	NUT HEX FLANGE 1/2-13 GR G PLT		
42.	121-169D	SPACER TB ALUM 1ODX 1/2 X 7.28		
43.	121-154D	SPRING STOP STAMPING		
44.	800-322C	STUD 1/2-13X17.6 SPTHD DBBLEND		
45.	807-262C	SPRING COMP 2.56ODX.393X12.875		
46.	812-236C	OPNR SPRING RD TRUNION CASTING		
47.	803-310C	NUT HEX 1/2-20 X 5/8 HIGH		
48.	188-001V	BRG AA205DD		
49.	890-466C	HSG RIBB FLG 6BOLT PLT		

HD 00 Series Long Arm Opener (S/N YY2271+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



32130

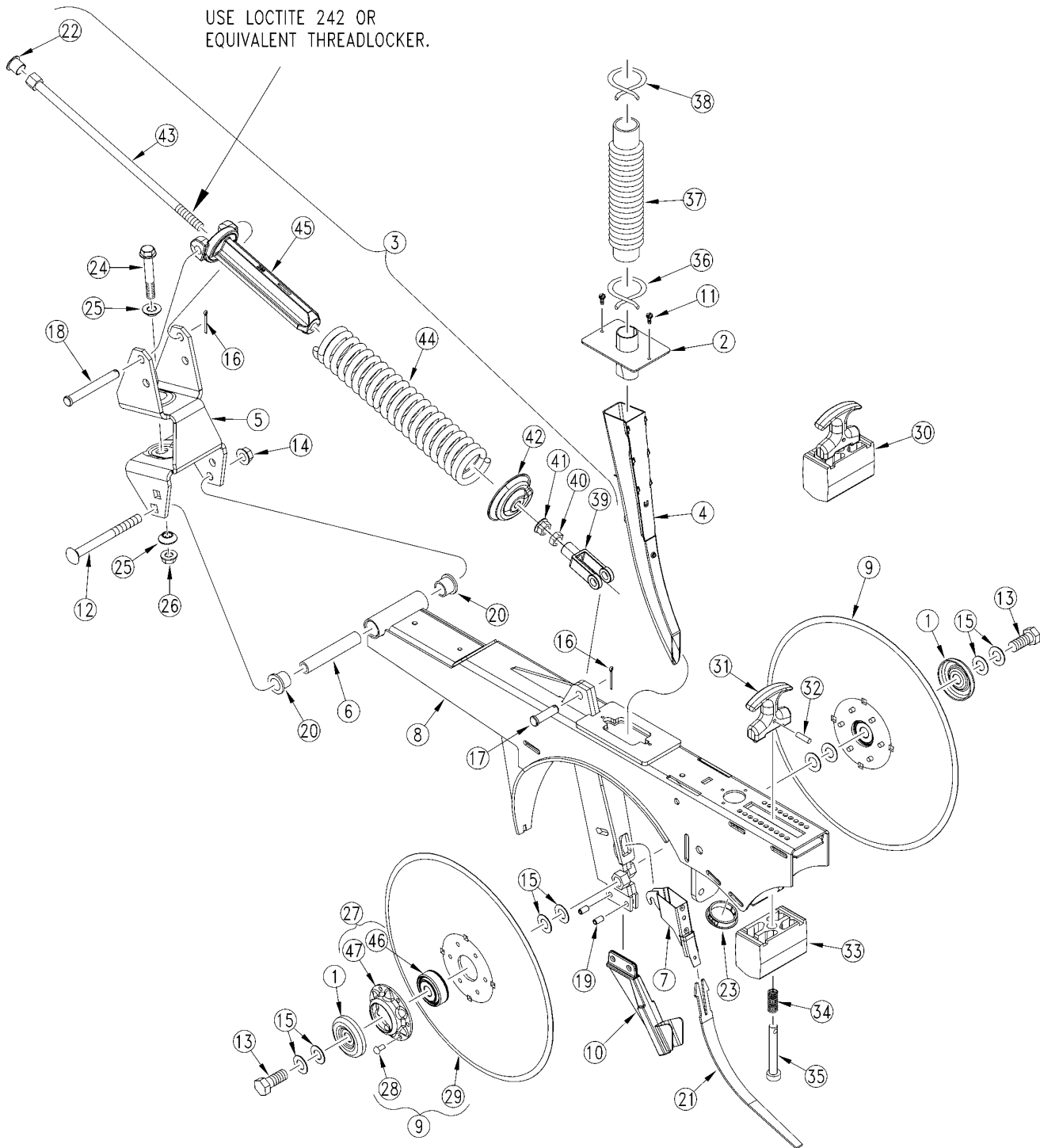
HD 00 Series Long Arm Opener (S/N YY2271+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg32130	Image No.		
1.	802-045C	HHCS 1/2-13X5 GR5		
2.	804-154C	WASHER POWDER METAL CONE 1/2		
3.	805-109C	PIN COTTER 1/8 X 1 1/4 PLT		
4.	805-234C	PIN CLEVIS 1/2 X 4 PLATED		
5.	121-151D	OPENER MOUNTING BRACKET		
6.	802-121C	RHSNB 1/2-13X5 1/2 GR5		
7.	803-169C	NUT HEX FLG LOCK 1/2-13 PLT		
8.	803-037C	NUT HEX WHIZ 1/2-13 PLT		
9.	817-084C	PARALLEL ARM PIVOT BUSHING		
10.	142-198D	STRAIGHT ARM OPENER PIVOT PIPE		
11.	805-127C	PIN CLEVIS 1/2 X 1 3/4		
12.	805-109C	PIN COTTER 1/8 X 1 1/4 PLT		
13.	121-005S	HD OPENER SPRING ROD ASY LONG	Includes items 37-46	
14.	801-172C	SCREW HEX SLT 10-16X3/4PTHD CT		
15.	817-897C	00HD OPENER SEED TUBE		
16.	122-001S	HD PW ADJUST TRUNION ASY		
17.	221-695H	OPENER 00HD LONG NARROW BA		
18.	802-228C	HHCS 5/8-11X1 1/2 GR5 NYL		
19.	804-040C	WASHER MACH 1.19 X .63 X 18GA		
20.	107-111D	DD BRG FLANGE DUST COVER		
21.	404-121S	4.0 MM 15 DISC W/ 5/8 ASSY	Includes items 32 & 33	
22.	817-328C	T-HANDLE ASSEMBLY		
23.	805-168C	PIN HITCH 1 7/16 X 8 3/8 PLT		
24.	817-347C	OPENER TRUNION		
25.	807-106C	SPRING .540 O.D.X 1 1/4 X.054W		
26.	805-385C	PIN CLEVIS 3/8 X 3 PLT		
27.	121-176D	00HD SEED TUBE CLIP		
28.	816-302C	SEED FLAP, RUBBER, SEED-LOK		
29.	221-730S	00HD NARROW SEED TB CLIP/FLAP	Includes items 27 & 28	
30.	812-394C	NARROW HD OPENER LOWER SCRAPER		
31.	805-439C	PIN ROLL 1/4 X 5/8 PLT		
32.	820-287C	4.0 MM 15 DISK (21 DEG BEVEL)		
33.	800-213C	RIVET,BUTTON HEAD 1/4 X 1/2		
34.	890-466C	HSG RIBB FLG 6BOLT PLT		
35.	188-001V	BRG AA205DD		
36.	107-137V	FLANGE AND BRG ASSY	Includes items 34 & 35	
37.	816-306C	PLUG, SPRING ROD CASTING		
38.	803-310C	NUT HEX 1/2-20 X 5/8 HIGH		
39.	800-322C	STUD 1/2-13X17.6 SPTHD DBBLEND		
40.	812-236C	OPNR SPRING RD TRUNION CASTING		
41.	807-262C	SPRING COMP 2.56ODX.393X12.875		
42.	121-154D	SPRING STOP STAMPING		
43.	121-169D	SPACER TB ALUM 1ODX 1/2 X 7.28		
44.	803-193C	NUT HEX FLANGE 1/2-13 GR G PLT		
45.	803-036C	NUT HEX JAM 1/2-13 PLT		
46.	121-166D	ADJ. YOKE END		

HD 00 Series Short Arm Opener (S/N YY1978-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



24427

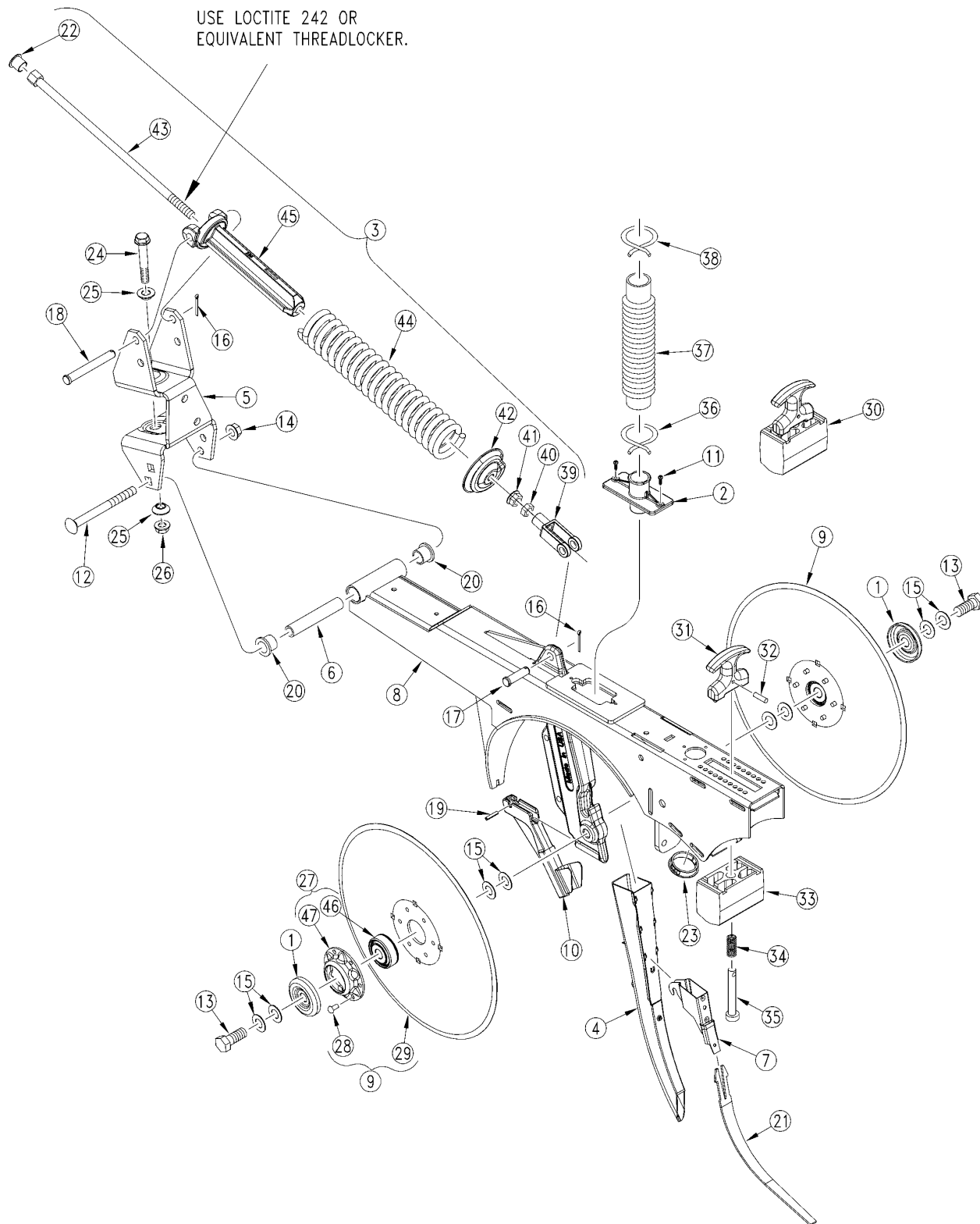
HD 00 Series Short Arm Opener (S/N YY1978-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg24427	Image No.		
1.	107-111D	DD BRG FLANGE DUST COVER		
2.	817-704C	UPPER SEED TUBE CAP		
3.	121-004S	OPENER SPRING ROD ASSY. SHRT.		
4.	817-697C	HD 00 SEED TUBE ASSEMBLY		
5.	121-151D	OPENER MOUNTING BRACKET		
6.	142-198D	STRAIGHT ARM OPENER PIVOT PIPE		
7.	198-331D	SEED TUBE 25S HOOK CLIP		
8.	221-130H	OPENER WELDMENT-HD 00 SHORT		
9.	404-121S	4.0 MM 15 DISC W/ 5/8 ASSY	Includes items 27-29	
10.	404-170H	25P SCRAPER SEPARATOR WLDMT		
11.	801-172C	SCREW HEX SLT 10-16X3/4PTHD CT		
12.	802-121C	RHSNB 1/2-13X5 1/2 GR5		
13.	802-228C	HHCS 5/8-11X1 1/2 GR5 NYL		
14.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
15.	804-040C	WASHER MACH 1.19 X .63 X 18GA		
16.	805-109C	PIN COTTER 1/8 X 1 1/4 PLT		
17.	805-127C	PIN CLEVIS 1/2 X 1 3/4		
18.	805-234C	PIN CLEVIS 1/2 X 4 PLATED		
19.	805-335C	PIN ROLL 5/16 X 5/8 PLT		
20.	817-084C	PARALLEL ARM PIVOT BUSHING		
21.	817-349C	SEED FLAP, UHMW, LONG	For use without Seed-lok or Keeton Seed Firmer	
21.	816-536C	SEED FLAP-RUBBER, SEED-LOK LNG	For use with Seed-Lok	
22.	816-306C	PLUG, SPRING ROD CASTING		
23.	817-688C	HOLE PLUG 1 3/4		
24.	802-045C	HHCS 1/2-13X5 GR5		
25.	804-154C	WASHER POWDER METAL CONE 1/2		
26.	803-037C	NUT HEX WHIZ 1/2-13 PLT		
27.	107-137V	FLANGE AND BEARING ASSY		
28.	800-213C	RIVET,BUTTON HEAD 1/4 X 1/2		
29.	820-287C	4.0 MM 15 DISK (21 DEG BEVEL)		
30.	122-001S	PW ADJUST TRUNION ASSY		
31.	817-328C	T-HANDLE ASSEMBLY		
32.	805-186C	PIN ROLL 5/32 X 5/8 PLT		
33.	817-347C	OPENER TRUNION		
34.	807-106C	SPRING .540 O.D.X 1 1/4 X.054W		
35.	805-385C	PIN CLEVIS 3/8 X 3 PLT		
36.	800-008C	CLAMP HOSE 1 1/2 NO. 24		
37.	816-239C	SEED HOSE 56 RIBS X 11 LONG		
38.	800-009C	CLAMP HOSE 1 5/8 NO. 26		
39.	121-044D	ADJ.YOKE END 11/16" OPENING		
40.	803-036C	NUT HEX JAM 1/2-13 PLT		
41.	803-193C	NUT HEX FLANGE 1/2-13 GR G PLT		
42.	121-154D	SPRING STOP STAMPING		
43.	802-550C	HHCS 1/2-13X10 SPTHD GR8		
44.	807-262C	SPRING COMP 2.56ODX.393X12.875		
45.	812-236C	OPNR SPRING RD TRUNION CASTING		
46.	188-001V	BEARING AA205DD		
47.	890-466C	HSG RIBB FLG 6BOLT PLT		

HD 00 Series Short Arm Opener (S/N YY1979 - YY2270)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



29468

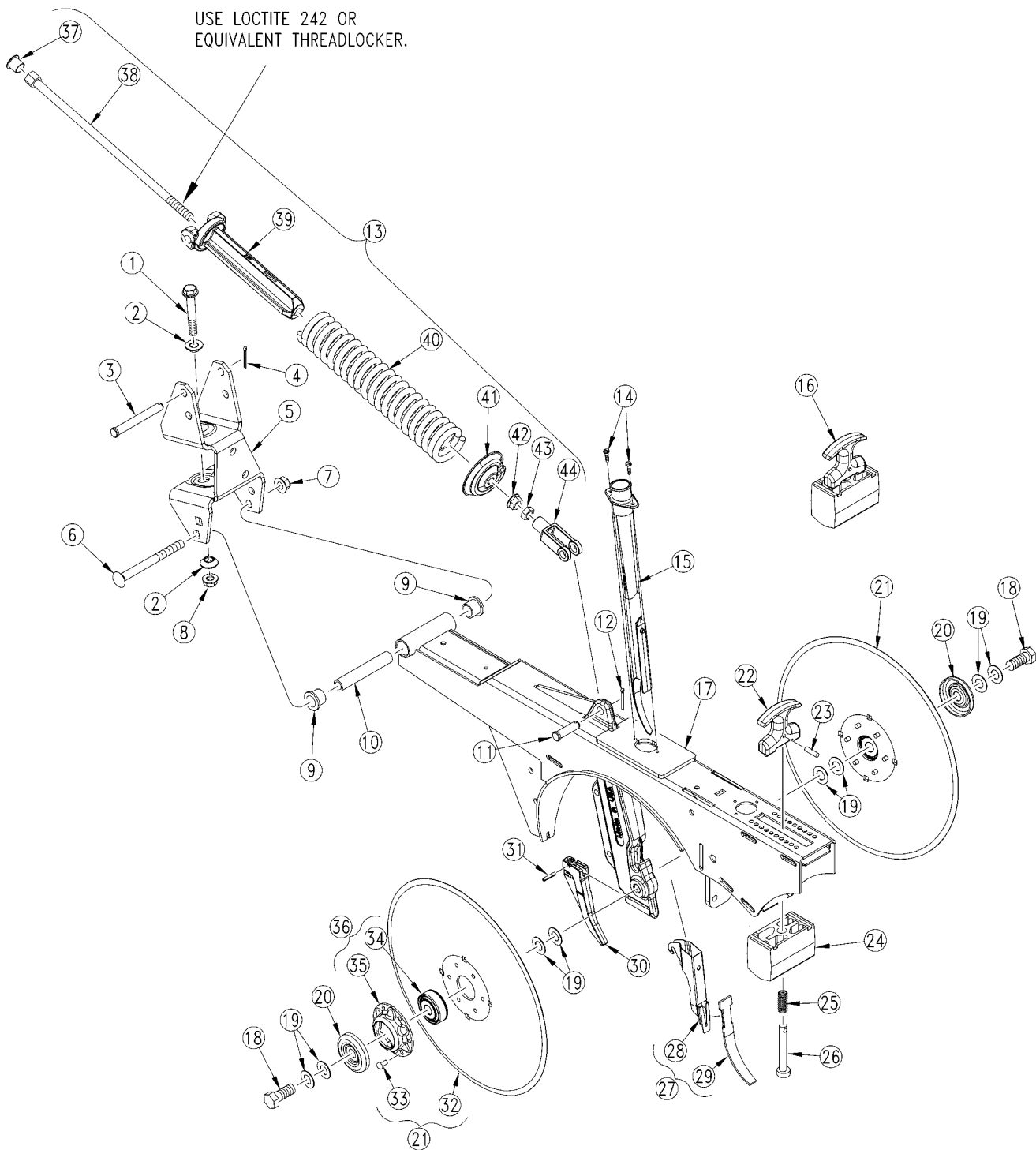
HD 00 Series Short Arm Opener (S/N YY1979 - YY2270)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg29468	Image No.		
1.	107-111D	DD BRG FLANGE DUST COVER		
2.	817-704C	UPPER SEED TUBE CAP		
3.	121-004S	OPENER SPRING ROD ASSY. SHRT.		
4.	817-697C	HD 00 SEED TUBE ASSEMBLY		
5.	121-151D	OPENER MOUNTING BRACKET		
6.	142-198D	STRAIGHT ARM OPENER PIVOT PIPE		
7.	198-331D	SEED TUBE 25S HOOK CLIP		
8.	221-641H	OPENER WELD HD 00 SHORT		
9.	404-121S	4.0 MM 15 DISC W/ 5/8 ASSY	Includes items 27-29	
10.	121-008H	SCRAPER SEPARATOR WELD		
11.	801-172C	SCREW HEX SLT 10-16X3/4PTHD CT		
12.	802-121C	RHSNB 1/2-13X5 1/2 GR5		
13.	802-228C	HHCS 5/8-11X1 1/2 GR5 NYL		
14.	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT.		
15.	804-040C	WASHER MACH 1.19 X .63 X 18GA		
16.	805-109C	PIN COTTER 1/8 X 1 1/4 PLT		
17.	805-127C	PIN CLEVIS 1/2 X 1 3/4		
18.	805-234C	PIN CLEVIS 1/2 X 4 PLATED		
19.	805-026C	PIN ROLL 1/4 X 3/4 PLT		
20.	817-084C	PARALLEL ARM PIVOT BUSHING		
21.	817-349C	SEED FLAP, UHMW, LONG	For use without Seed-Lok or Keeton Seed Firmer	
21.	816-536C	SEED FLAP-RUBBER, SEED-LOK LNG	For use with Seed-Lok	
22.	816-306C	PLUG, SPRING ROD CASTING		
23.	817-688C	HOLE PLUG 1 3/4		
24.	802-045C	HHCS 1/2-13X5 GR5		
25.	804-154C	WASHER POWDER METAL CONE 1/2		
26.	803-037C	NUT HEX WHIZ 1/2-13 PLT		
27.	107-137V	FLANGE AND BEARING ASSY		
28.	800-213C	RIVET,BUTTON HEAD 1/4 X 1/2		
29.	820-287C	4.0 MM 15 DISK (21 DEG BEVEL)		
30.	122-001S	PW ADJUST TRUNION ASSY		
31.	817-328C	T-HANDLE ASSEMBLY		
32.	805-186C	PIN ROLL 5/32 X 5/8 PLT		
33.	817-347C	OPENER TRUNION		
34.	807-106C	SPRING .540 O.D.X 1 1/4 X.054W		
35.	805-385C	PIN CLEVIS 3/8 X 3 PLT		
36.	800-008C	CLAMP HOSE 1 1/2 NO. 24		
37.	816-239C	SEED HOSE 56 RIBS X 11 LONG		
38.	800-009C	CLAMP HOSE 1 5/8 NO. 26		
39.	121-044D	ADJ. YOKE END, 11/16" OPENING		
40.	803-036C	NUT HEX JAM 1/2-13 PLT		
41.	803-193C	NUT HEX FLANGE 1/2-13 GR G PLT		
42.	121-154D	SPRING STOP STAMPING		
43.	802-550C	HHCS 1/2-13X10 SPTHD GR8		
44.	807-262C	SPRING COMP 2.56ODX.393X12.875		
45.	812-236C	OPNR SPRING RD TRUNION CASTING		
46.	188-001V	BRG AA205DD		
47.	890-466C	HSG RIBB FLG 6BOLT PLT		

HD 00 Series Short Arm Opener (S/N YY2271+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



32129

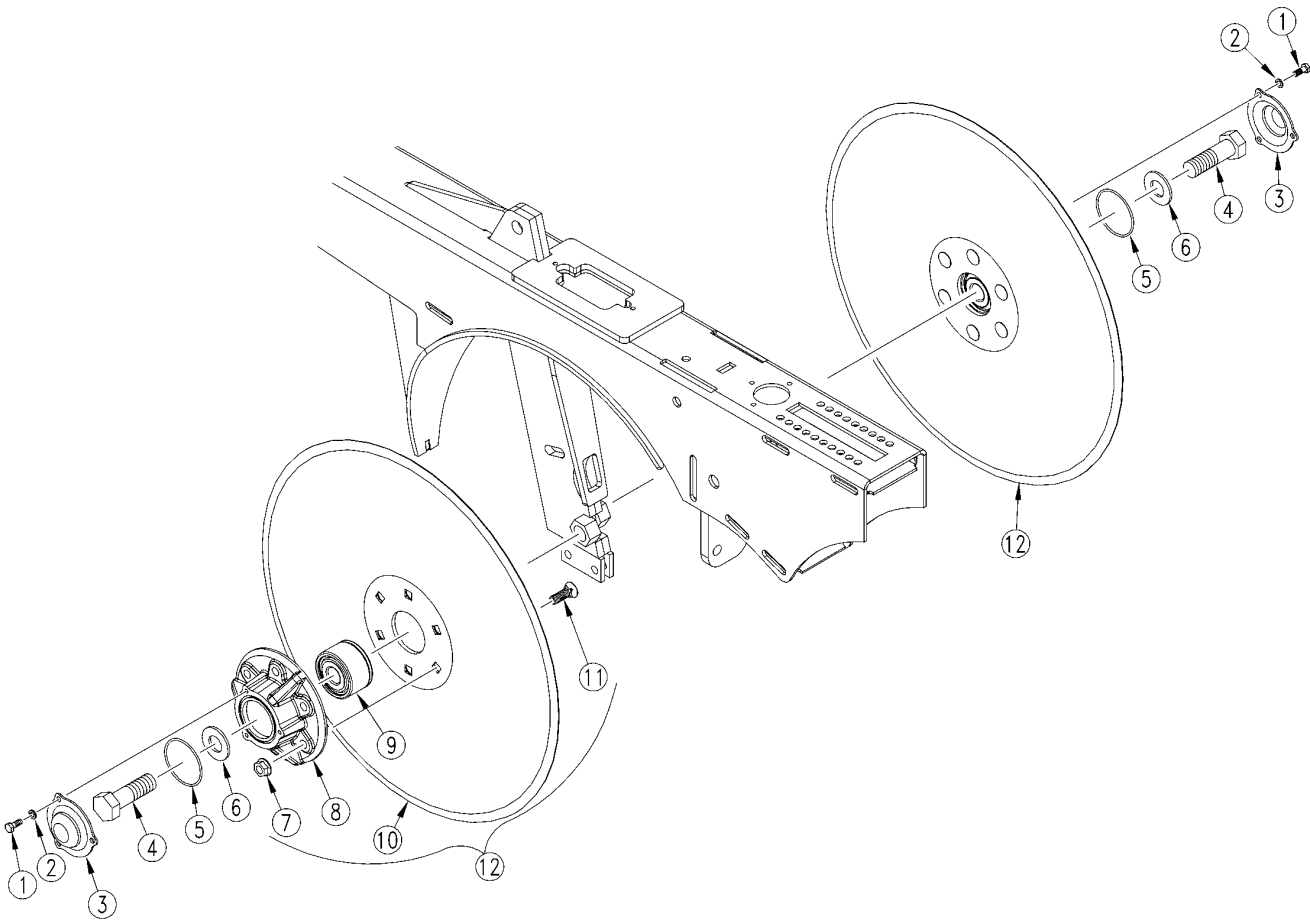
HD 00 Series Short Arm Opener (S/N YY2271+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg32129	Image No.		
1.	802-045C	HHCS 1/2-13X5 GR5		
2.	804-154C	WASHER POWDER METAL CONE 1/2		
3.	805-234C	PIN CLEVIS 1/2 X 4 PLATED		
4.	805-109C	PIN COTTER 1/8 X 1 1/4 PLT		
5.	121-151D	OPENER MOUNTING BRACKET		
6.	802-121C	RHSNB 1/2-13X5 1/2 GR5		
7.	803-169C	NUT HEX FLG LOCK 1/2-13 PLT		
8.	803-037C	NUT HEX WHIZ 1/2-13 PLT		
9.	817-084C	PARALLEL ARM PIVOT BUSHING		
10.	142-198D	STRAIGHT ARM OPENER PIVOT PIPE		
11.	805-127C	PIN CLEVIS 1/2 X 1 3/4		
12.	805-109C	PIN COTTER 1/8 X 1 1/4 PLT		
13.	121-004S	HD OPENER SPRING ROD ASY SHORT	Includes items 37-44	
14.	801-172C	SCREW HEX SLT 10-16X3/4PTHD CT		
15.	817-897C	00HD OPENER SEED TUBE		
16.	122-001S	HD PW ADJUST TRUNION ASY		
17.	221-694H	OPENER 00HD SHORT NARROW BA		
18.	802-228C	HHCS 5/8-11X1 1/2 GR5 NYL		
19.	804-040C	WASHER MACH 1.19 X .63 X 18GA		
20.	107-111D	DD BRG FLANGE DUST COVER		
21.	404-121S	4.0 MM 15 DISC W/ 5/8 ASSY	Includes items 32 & 33	
22.	817-328C	T-HANDLE ASSEMBLY		
23.	805-186C	PIN ROLL 5/32 X 5/8 PLT		
24.	817-347C	OPENER TRUNION		
25.	807-106C	SPRING .540 O.D.X 1 1/4 X.054W		
26.	805-385C	PIN CLEVIS 3/8 X 3 PLT		
27.	221-730S	00HD NARROW SEED TB CLIP/FLAP	Includes items 28 & 29	
28.	121-176D	00HD SEED TUBE CLIP		
29.	816-302C	SEED FLAP, RUBBER, SEED-LOK		
30.	812-394C	NARROW HD OPENER LOWER SCRAPER		
31.	805-439C	PIN ROLL 1/4 X 5/8 PLT		
32.	820-287C	4.0 MM 15 DISK (21 DEG BEVEL)		
33.	800-213C	RIVET,BUTTON HEAD 1/4 X 1/2		
34.	188-001V	BRG AA205DD		
35.	890-466C	HSG RIBB FLG 6BOLT PLT		
36.	107-137V	FLANGE AND BRG ASSY	Includes items 34 & 35	
37.	816-306C	PLUG, SPRING ROD CASTING		
38.	802-550C	HHCS 1/2-13X10 SPTHD GR8		
39.	812-236C	OPNR SPRING RD TRUNION CASTING		
40.	807-262C	SPRING COMP 2.56ODX.393X12.875		
41.	121-154D	SPRING STOP STAMPING		
42.	803-193C	NUT HEX FLANGE 1/2-13 GR G PLT		
43.	803-036C	NUT HEX JAM 1/2-13 PLT		
44.	121-044D	ADJ. YOKE END, 11/16" OPENING		

HD 00 Opener Disc Assembly (Option)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



27493

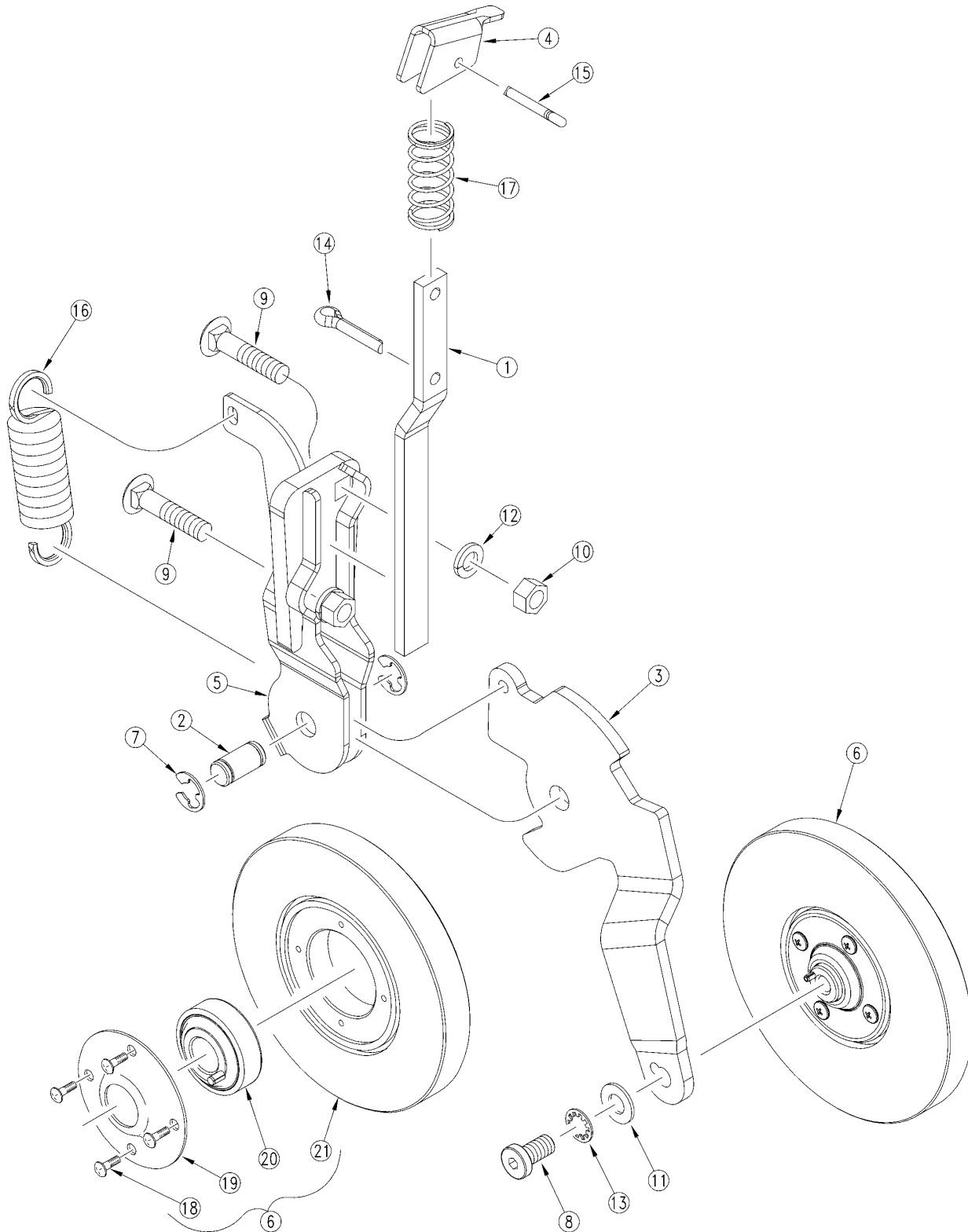
HD 00 Opener Disc Assembly (Option)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg27493	Image No.		
1.	802-163C	HHCS #10-24X1/2 GR5		
2.	804-054C	WASHER LOCK #10		
3.	121-048D	BEARING HOUSING COVER HD DISK		
4.	802-347C	HHCS 5/8-11X2 GR8	Torque to 180 Ft. Lb.	
5.	816-580C	O-RING -031		
6.	804-021C	WASHER FLAT 5/8 SAE PLT		
7.	803-177C	NUT HEX FLG TP LK 5/16-18ZNYCR		
8.	121-047D	BEARING HOUSING MACH HD DISK		
9.	822-232C	BRG DBL ROW DISK 5204KRP50		
10.	820-365C	15IN 4MM DISC BLADE HD		
11.	802-833C	PLOW 5/16-18X1 GR8		
12.	221-551S	HD DISC/BRG ASY 15IN		

HD 00 6" Seed-Lok (Option)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



24429

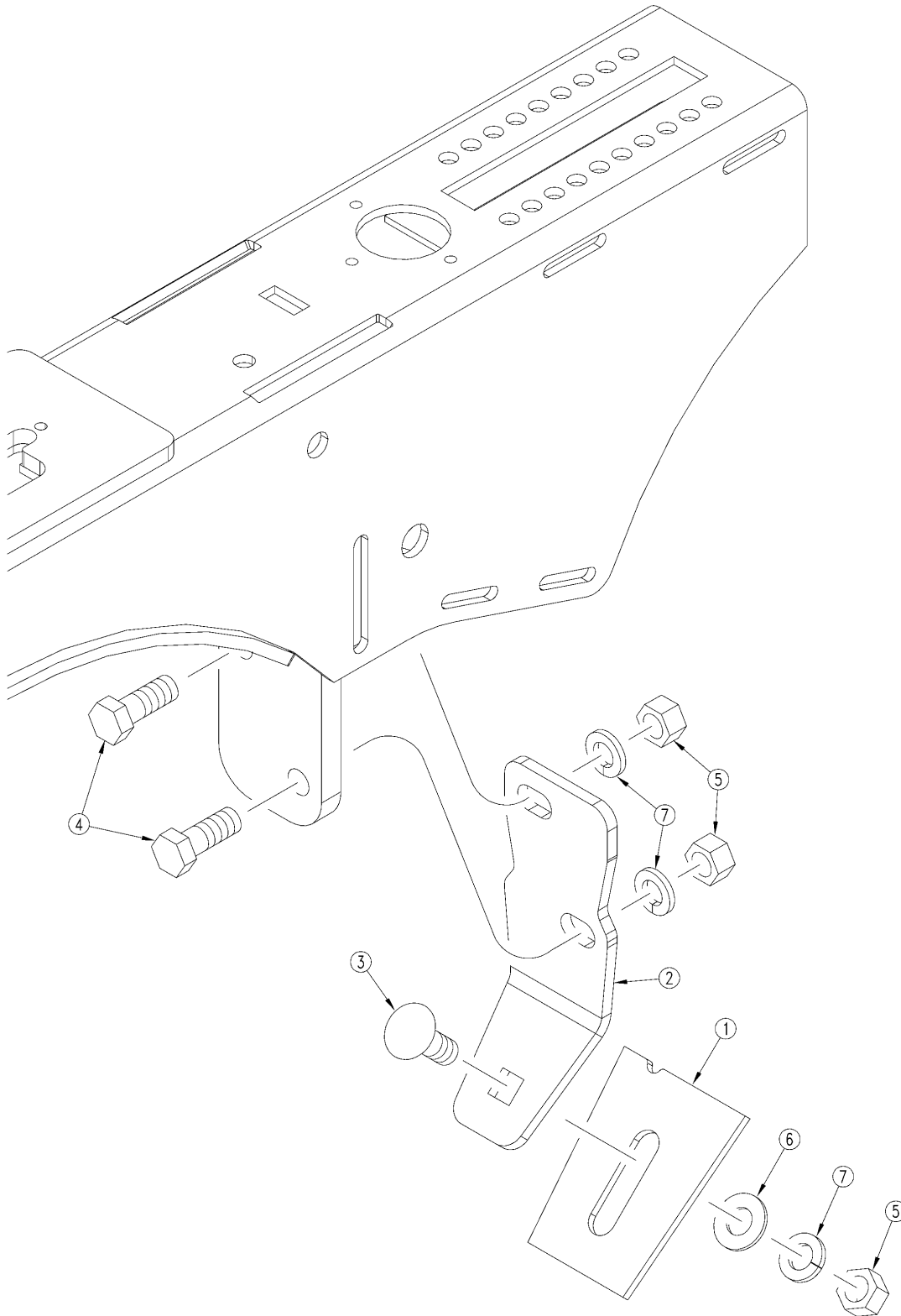
HD 00 6" Seed-Lok (Option)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg24429	Image No.		
1.	122-003D	00 HD SER SEED LOK LOCK-UP BAR		
2.	122-120D	5 SEED-LOK WHL ARM PIVOT PIN		
3.	122-164D	SEED LOCK ARM, SINGULATING		
4.	122-166D	SEED LOCK LOCK-UP CAM		
5.	122-250H	SEED LOCK MOUNT, SINGULATING		
6.	206-014S	6 SEED LOK ASSEMBLY		
7.	800-093C	RING SNAP EXTERNAL "E" 1/2		
8.	801-141C	LHS CP 3/8-16X3/4 GR8 PLATED		
9.	802-252C	RHSNB 3/8-16X1 3/4 GR5		
10.	803-014C	NUT HEX 3/8-16 PLT		
11.	804-012C	WASHER FLAT 3/8 SAE PLT		
12.	804-013C	WASHER LOCK SPRING 3/8 PLT		
13.	804-078C	WASHER INTERNAL STAR 3/8 PLT.		
14.	805-020C	PIN COTTER 1/4 X 1 PLT		
15.	805-069C	PIN COTTER 3/16 X 1		
16.	807-101C	SPRING, 1 O.D.X.125WIREX 3 1/2		
17.	807-188C	SPRING COMP .85ODX2.0LGX.067W		
18.	801-084C	SCR PH THD FMG #10X1/2 TP ZP		
19.	816-173C	RETAINER W/BONDED SEAL 4BLT		
20.	188-008V	BEARING 203 SEED-LOK WITH PIN		
21.	817-191C	5/8 X 6 SEED LOK WHEEL		

00 HD Scraper

(Applies to 3S-4000 HD, 3S-4000 HDF only)



26460

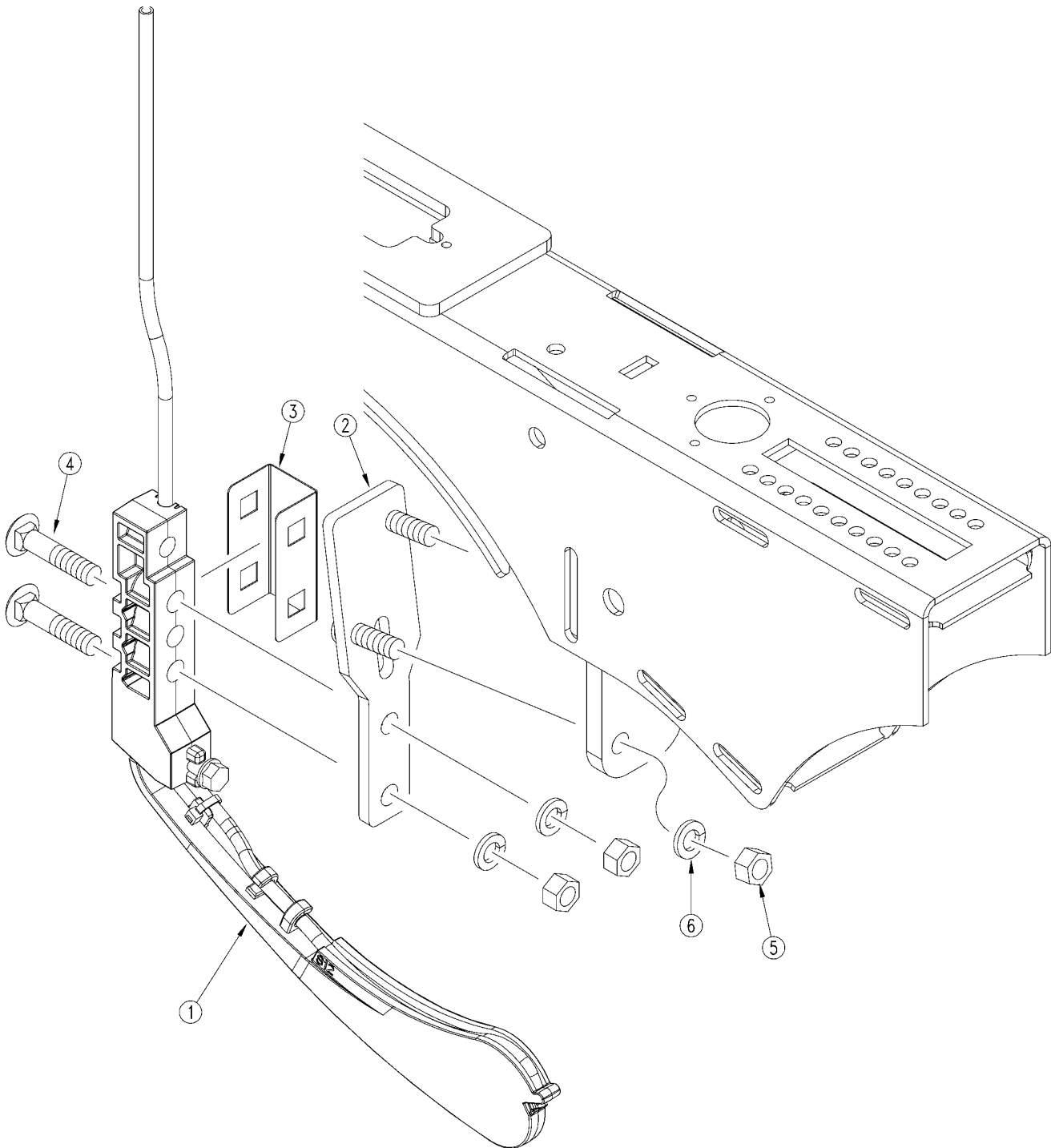
00 HD Scraper

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg26460	Image No.		
1.	122-004D	00HD OPENER SCRAPER		
2.	122-006D	INSIDE SCRAPER MOUNT		
3.	802-015C	RHSNB 3/8-16X1 GR5		
4.	802-017C	HHCS 3/8-16X1 GR5		
5.	803-014C	NUT HEX 3/8-16 PLT		
6.	804-012C	WASHER FLAT 3/8 SAE PLT		
7.	804-013C	WASHER LOCK SPRING 3/8 PLT		

HD 00 Keeton Seed Firmer

(Applies to 3S-4000 HD, 3S-4000 HDF only)



24428

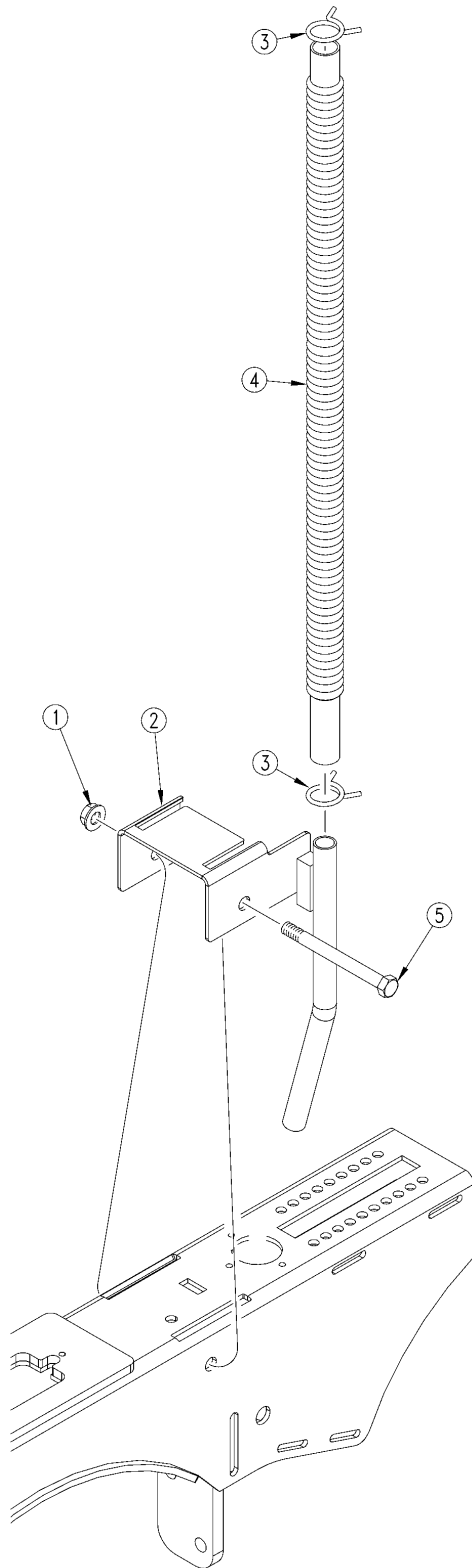
HD 00 Keeton Seed Firmer

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg24428	Image No.		
1.	120825	KEETON NARROW TAIL		
2.	129BXT821	KEETON MOUNT BAR		
3.	129BXT827	KEETON GUARD		
4.	802-411C	RHSNB 3/8-16X2 GR5		
5.	803-014C	NUT HEX 3/8-16 PLT		
6.	804-013C	WASHER LOCK SPRING 3/8 PLT		

Small Seeds Hose

(Applies to 3S-4000 HD, 3S-4000 HDF only)



27008

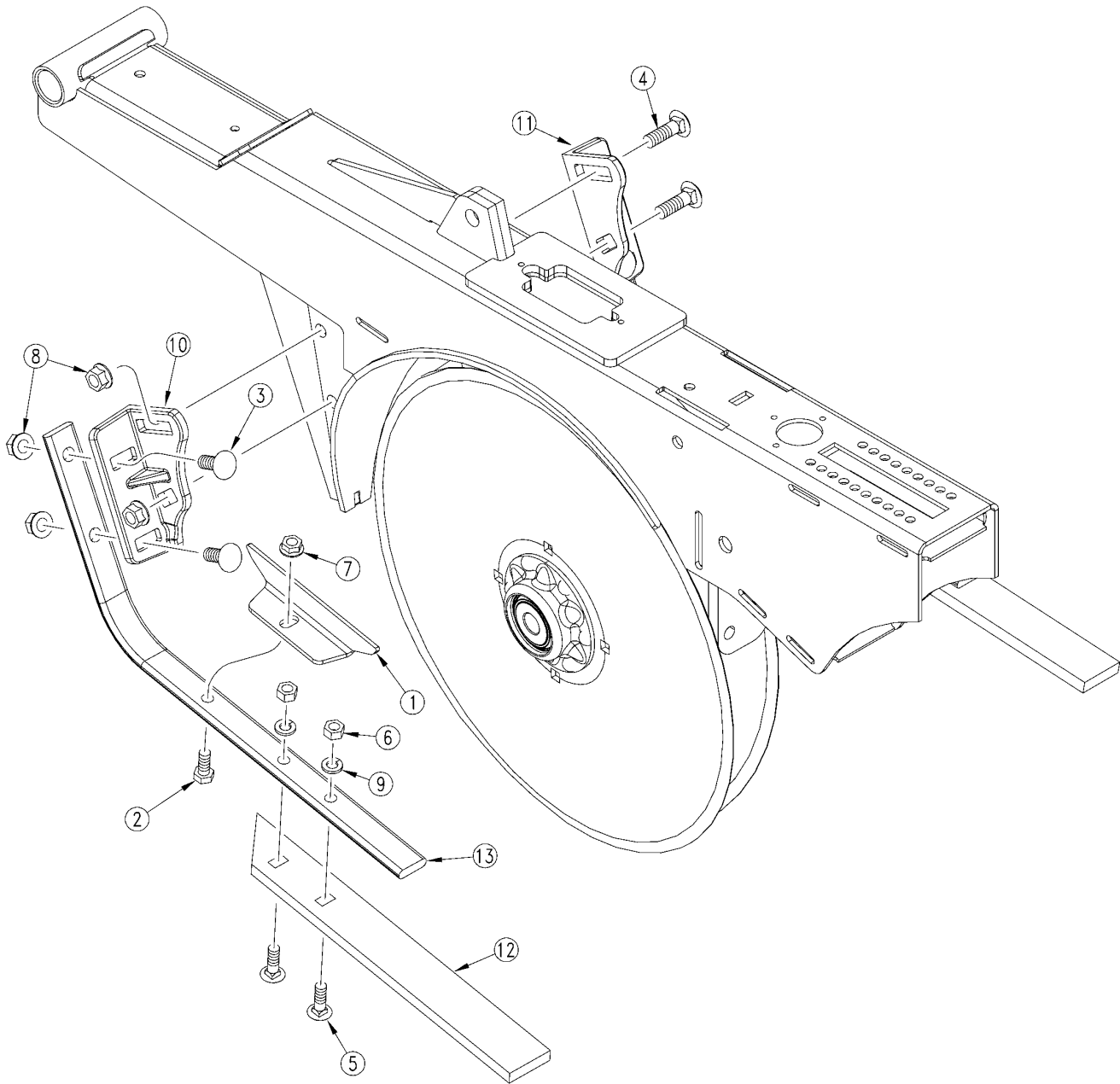
Small Seeds Hose

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg-27008	Image No.		
1.	803-209C	NUT FLANGE LOCK 3/8-16 PLT		
2.	133-128H	SGS SIDE DELIVERY TUBE		
3.	800-321C	HOSE CLAMP NO.12 3/4 ID		
4.	816-358C	SGS HOSE 122 RIBS		
5.	802-427C	HFS 3/8-16X3 3/4 SPTHD		

00 HD Knock Down Kit

(Applies to 3S-4000 HD, 3S-4000 HDF only)



27495

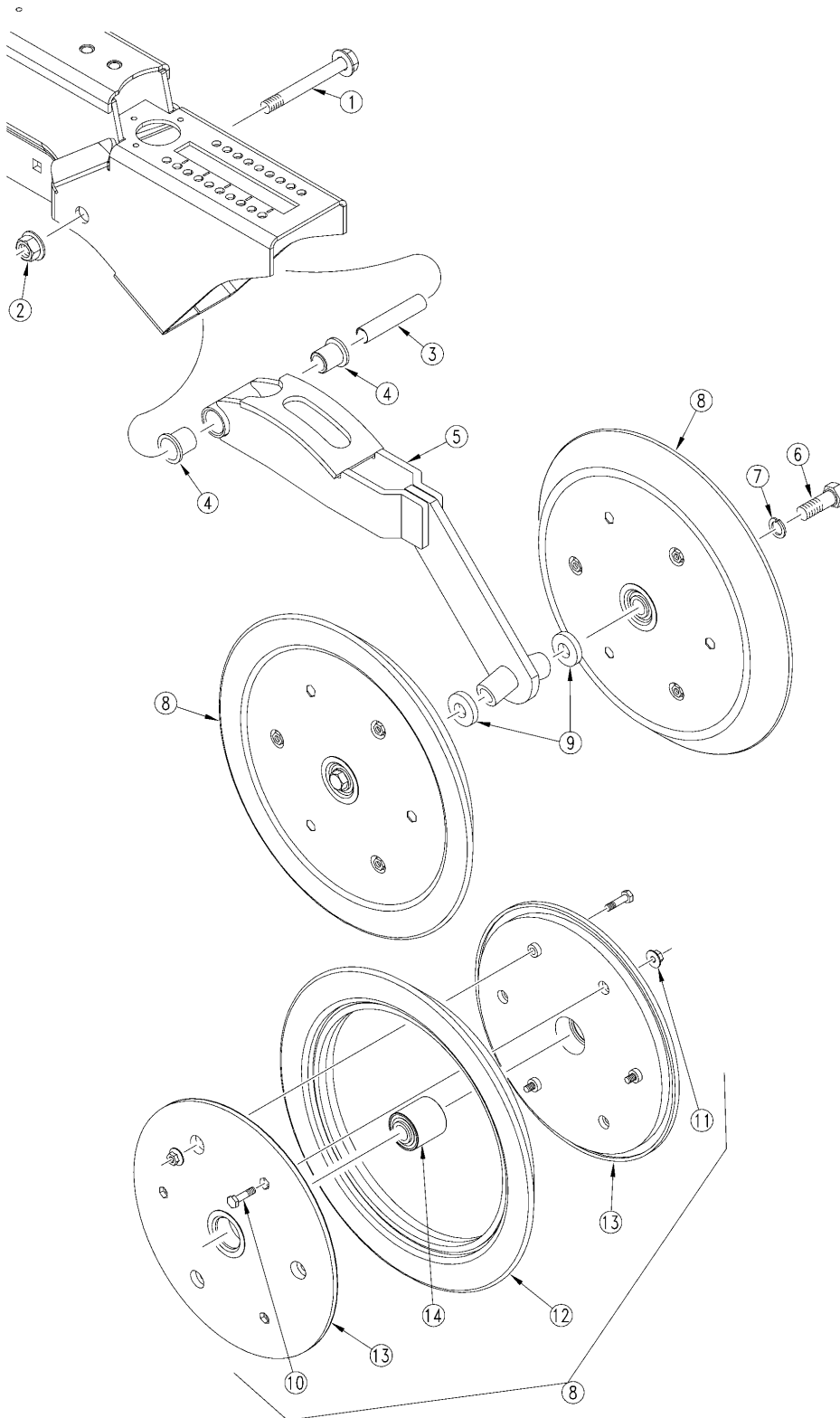
00 HD Knock Down Kit

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg27495	Image No.		
1.	122-178D	KNOCK DOWN DISK SCRAPER		
2.	802-007C	HHCS 5/16-18X3/4 GR5		
3.	802-015C	RHSNB 3/8-16X1 GR5		
4.	802-155C	RHSNB 3/8-16X1 1/4 GR5		
5.	802-282C	RHSNB 5/16-18X1 GR5		
6.	803-008C	NUT HEX 5/16-18 PLT		
7.	803-177C	NUT HEX FLG TP LK 5/16-18ZNYCR		
8.	803-209C	NUT FLANGE LOCK 3/8-16 PLT		
9.	804-009C	WASHER LOCK SPRING 5/16 PLT		
10.	812-366C	LH KNOCK DOWN TINE BASE		
11.	812-367C	RH KNOCK DOWN TINE BASE		
12.	817-869C	POLY TRASH KNOCK DOWN BAR		
13.	820-431C	TRASH KNOCK DOWN TINE		

HD 1 1/4" X 13 1/2" Double Press Wheel

(Applies to 3S-4000 HD, 3S-4000 HDF only)



27028

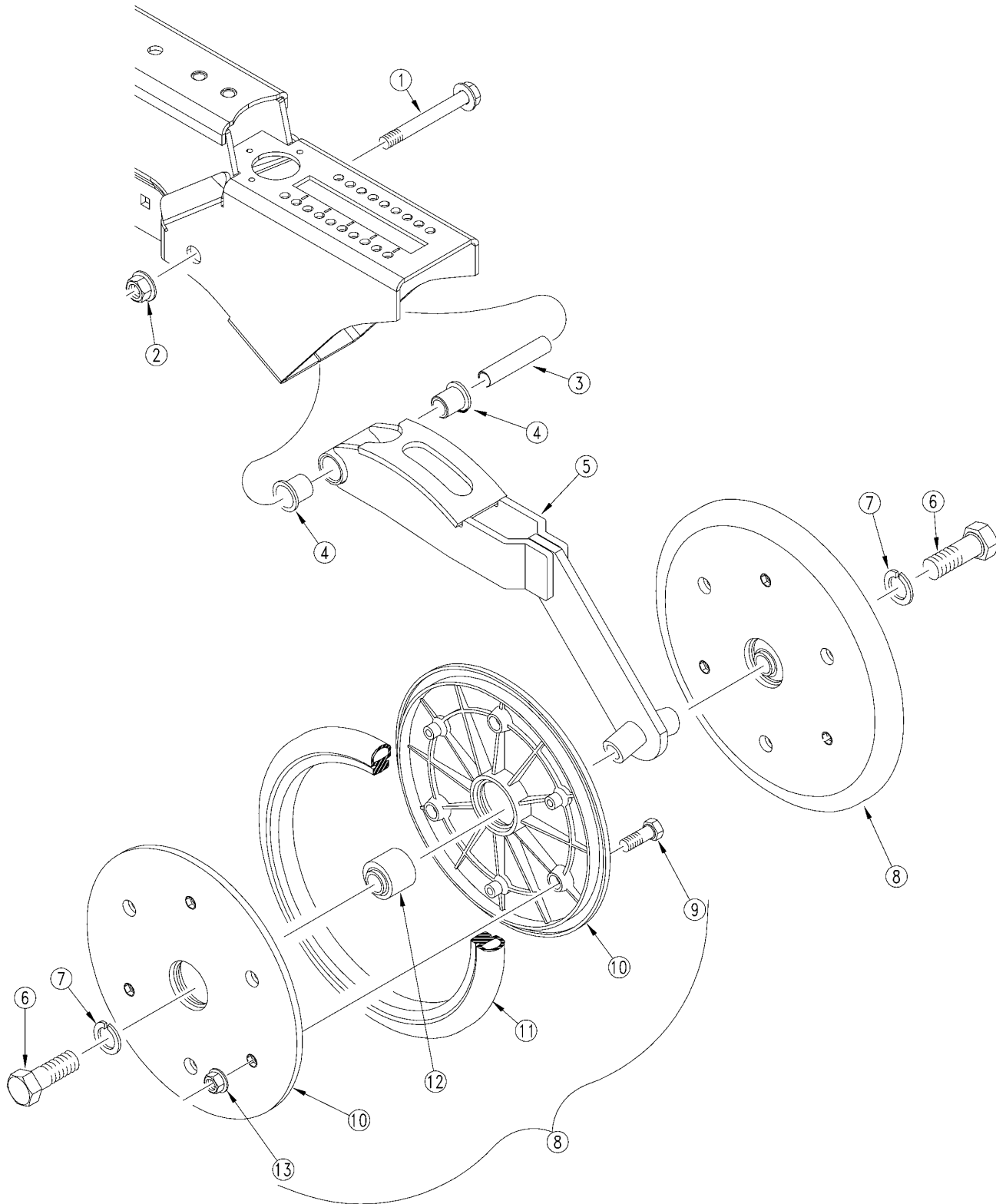
HD 1 1/4" X 13 1/2" Double Press Wheel

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg27028	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.	199-088H	10HD DBL PW ARM WELDMENT RH		
5.	199-089H	10HD DBL PW ARM WELDMENT LH		
6.	802-059C	HHCS 5/8-11X3 GR5		
7.	804-022C	WASHER LOCK SPRING 5/8 PLT		
8.	814-238C	1.25 X 13.5 PRESS WHEEL ASSY		
9.	405-031D	1/4 PW SPACER 5/8 DIA		
10.	802-005C	HHCS 1/4-20X1 GR5		
11.	803-088C	NUT HEX LOCK 1/4-20 FLG		
12.	814-244C	1.25X13.5 ANGLE PEAK TIRE		
13.	817-330C	1 X 12 PRESS WHEEL RIM HALF		
14.	822-170C	BRG .63ID PRESS WHL ASY		

HD 1" x 12" Double "V" Press Wheel

(Applies to 3S-4000 HD, 3S-4000 HDF only)



24430

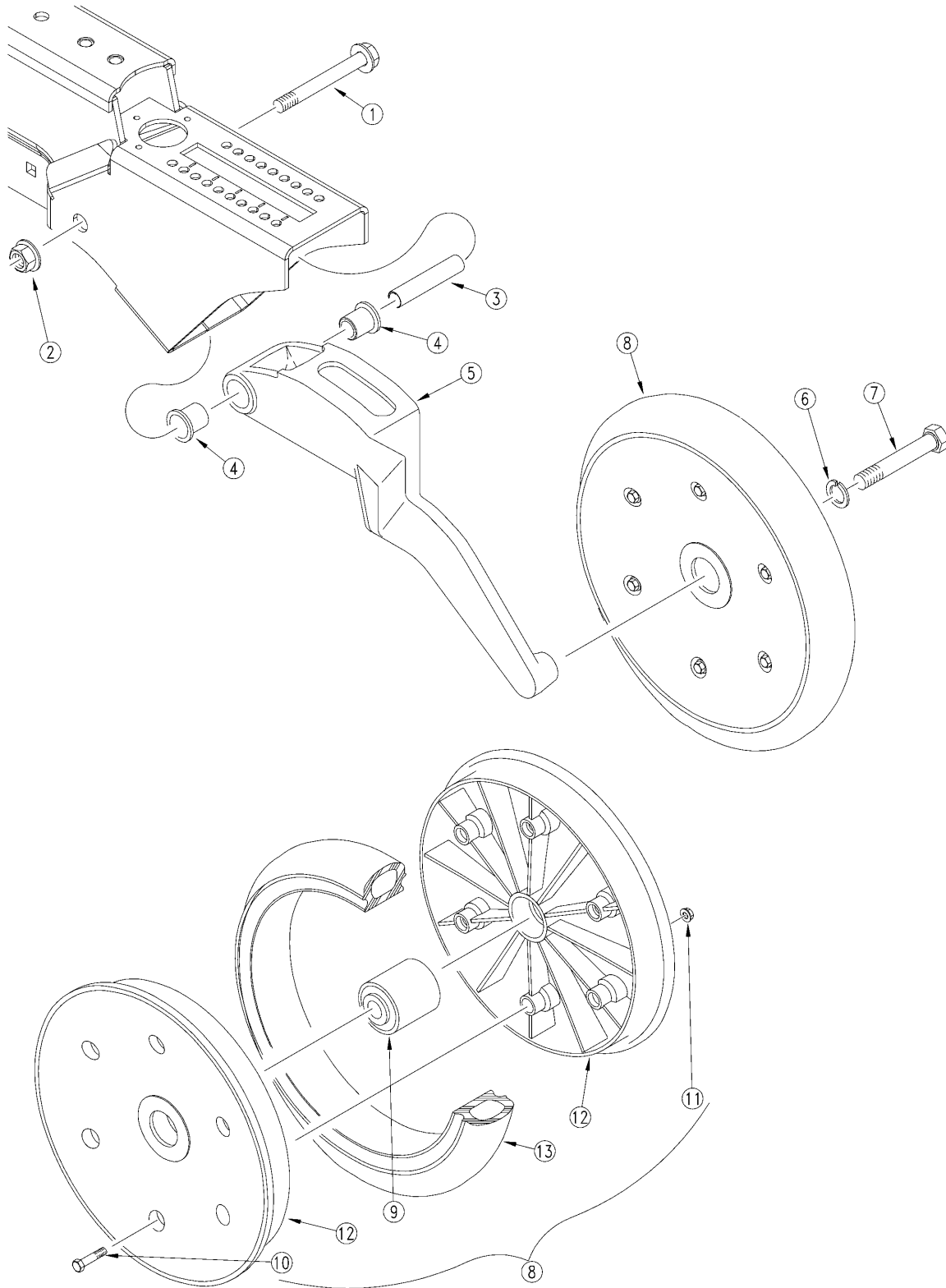
HD 1" x 12" Double "V" Press Wheel

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg24430	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.	199-043H	NG 1X12 PRESS WHEEL ARM		
6.	802-058C	HHCS 5/8-11X2 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		

HD 2" x 13" Single Press Wheel

(Applies to 3S-4000 HD, 3S-4000 HDF only)



24431

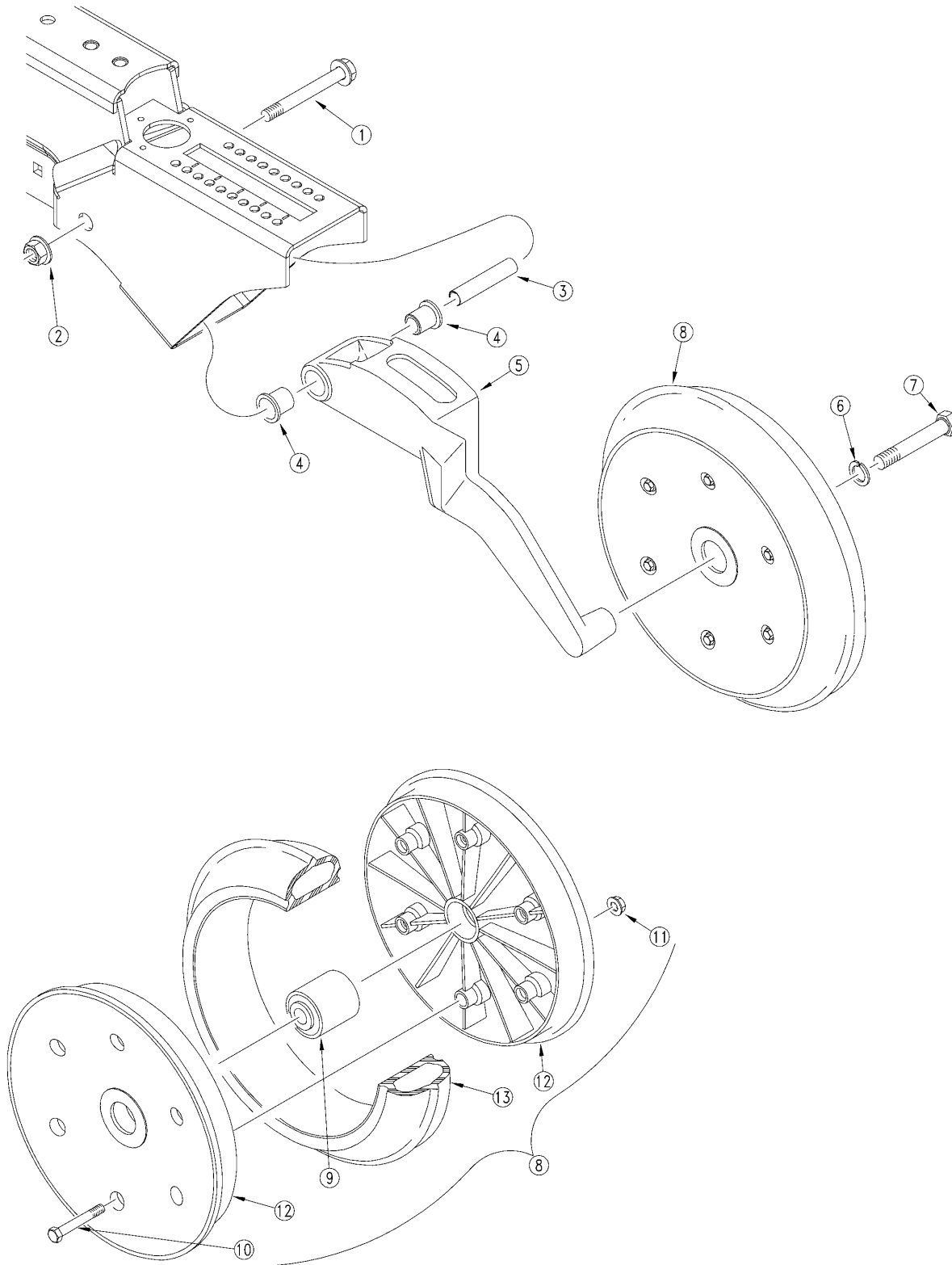
HD 2" x 13" Single Press Wheel

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg24431	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.	202-189D	NG UNIVERSAL PRESS WHEEL ARM		
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		

HD 3" x 13" Single Press Wheel

(Applies to 3S-4000 HD, 3S-4000 HDF only)



24432

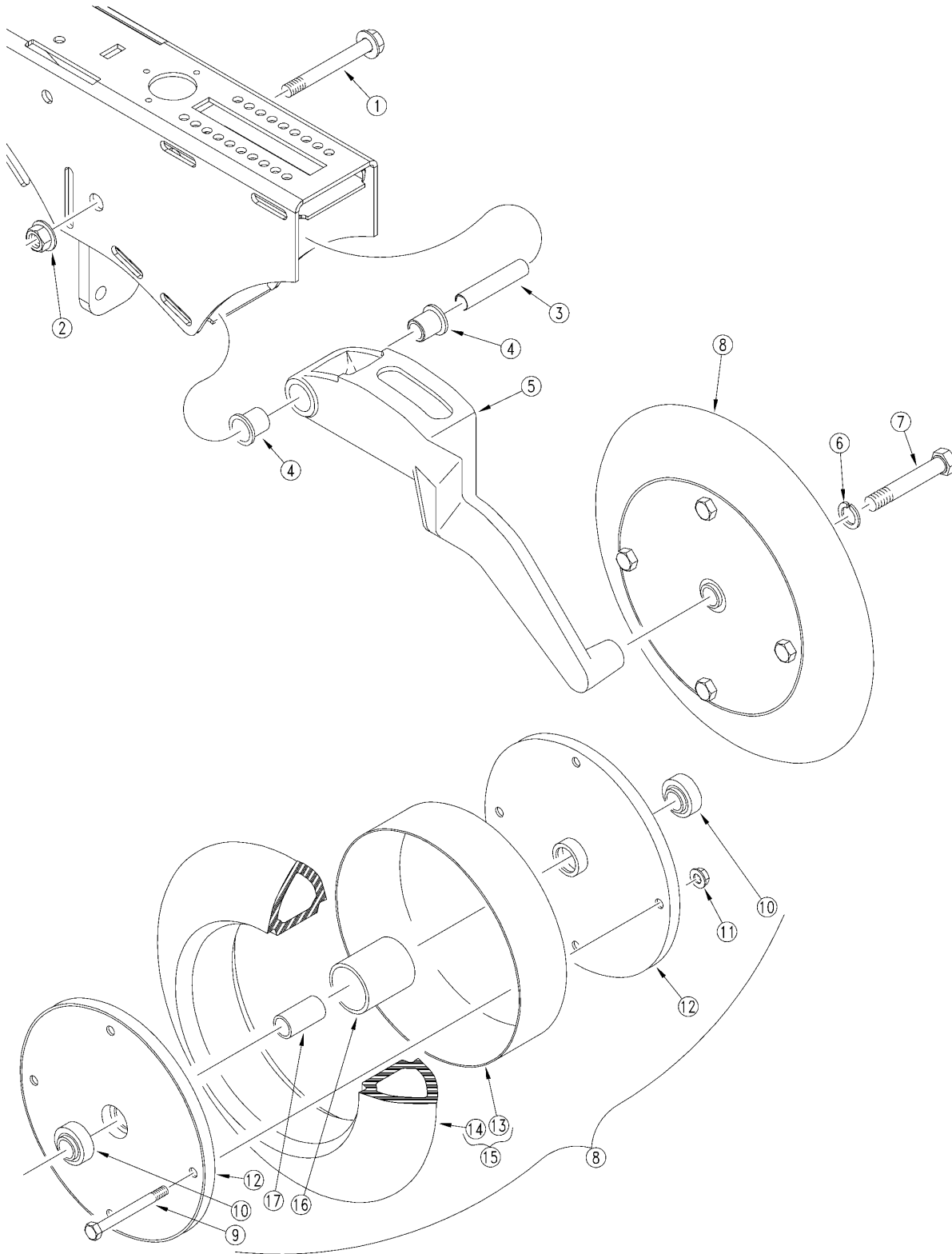
HD 3" x 13" Single Press Wheel

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg24432	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.	202-189D	NG UNIVERSAL PRESS WHEEL ARM		
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		

HD 3" x 14" Peaked Single Press Wheel

(Applies to 3S-4000 HD, 3S-4000 HDF only)



24433

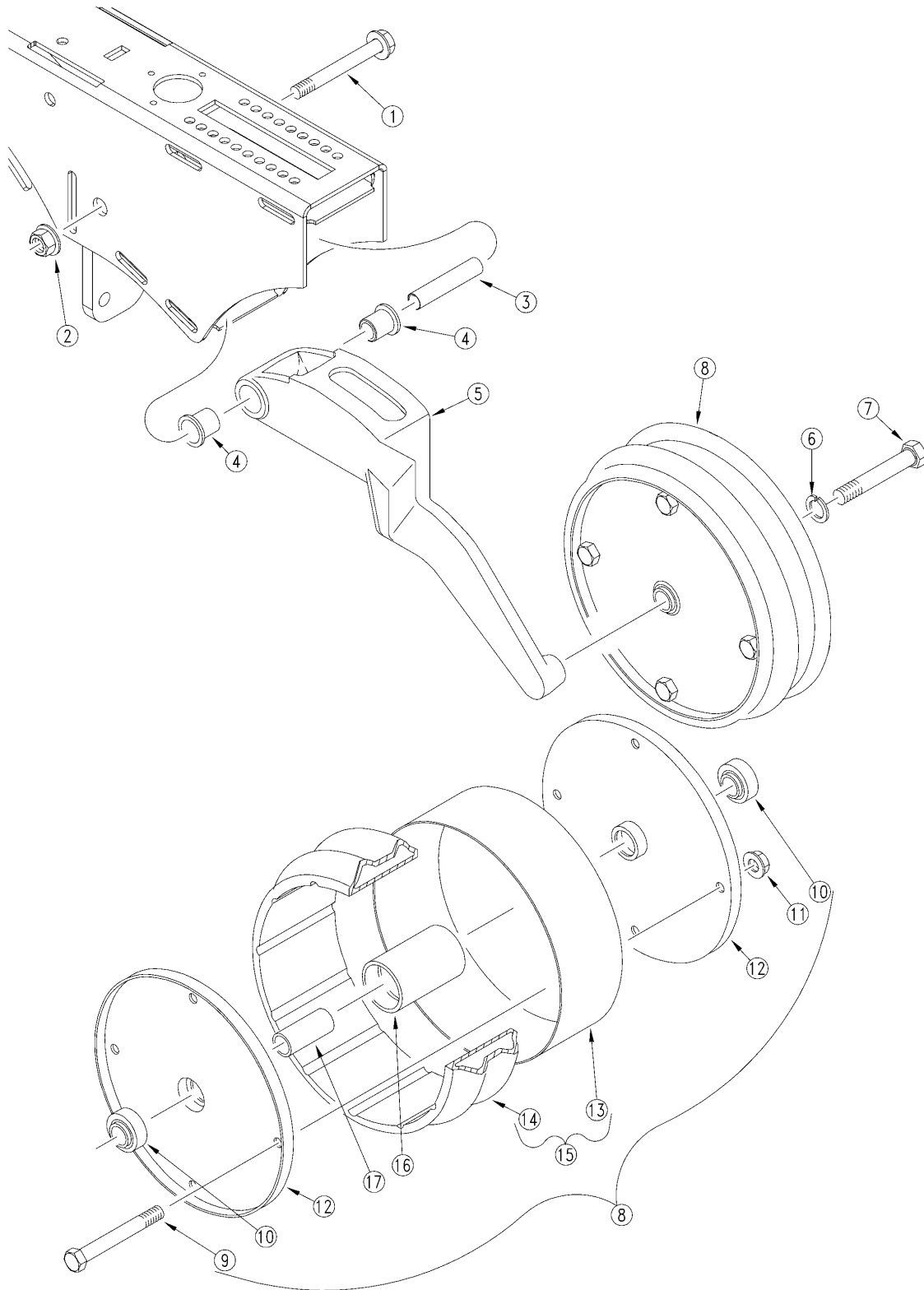
HD 3" x 14" Peaked Single Press Wheel

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg24433	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.	202-190D	NG 3X14 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		

HD 4" x 12" Double Ribbed Single Press Wheel

(Applies to 3S-4000 HD, 3S-4000 HDF only)



24434

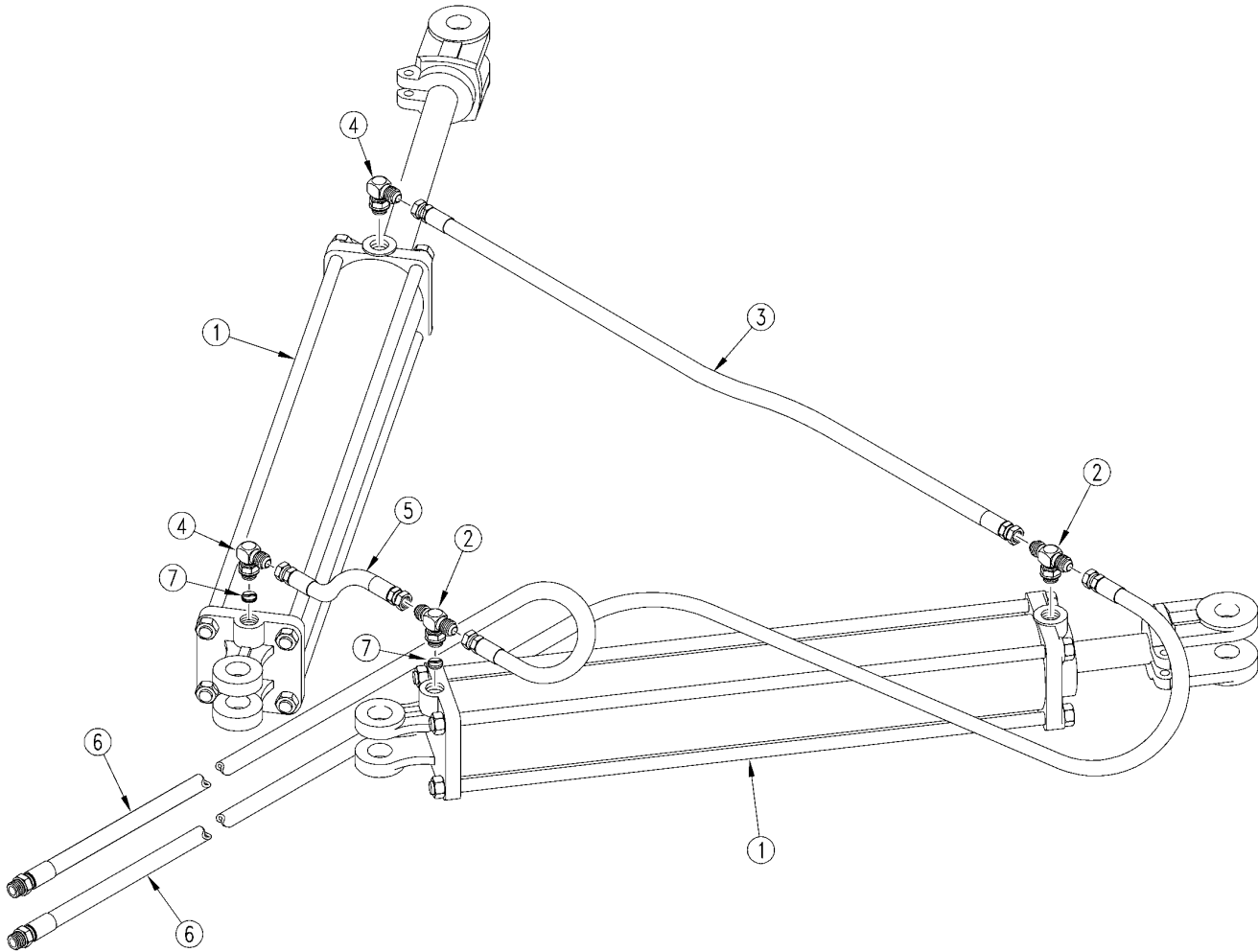
HD 4" x 12" Double Ribbed Single Press Wheel

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg24434	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.	202-274D	NG 4X12 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		
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		
16.	817-022C	4 X 12 LARGE SPREADER TUBE		
17.	122-094D	4X12 SMALL SPREADER TUBE-SHORT		

Fold Hydraulics

(Applies to 3S-4000 HD, 3S-4000 HDF only)



15473

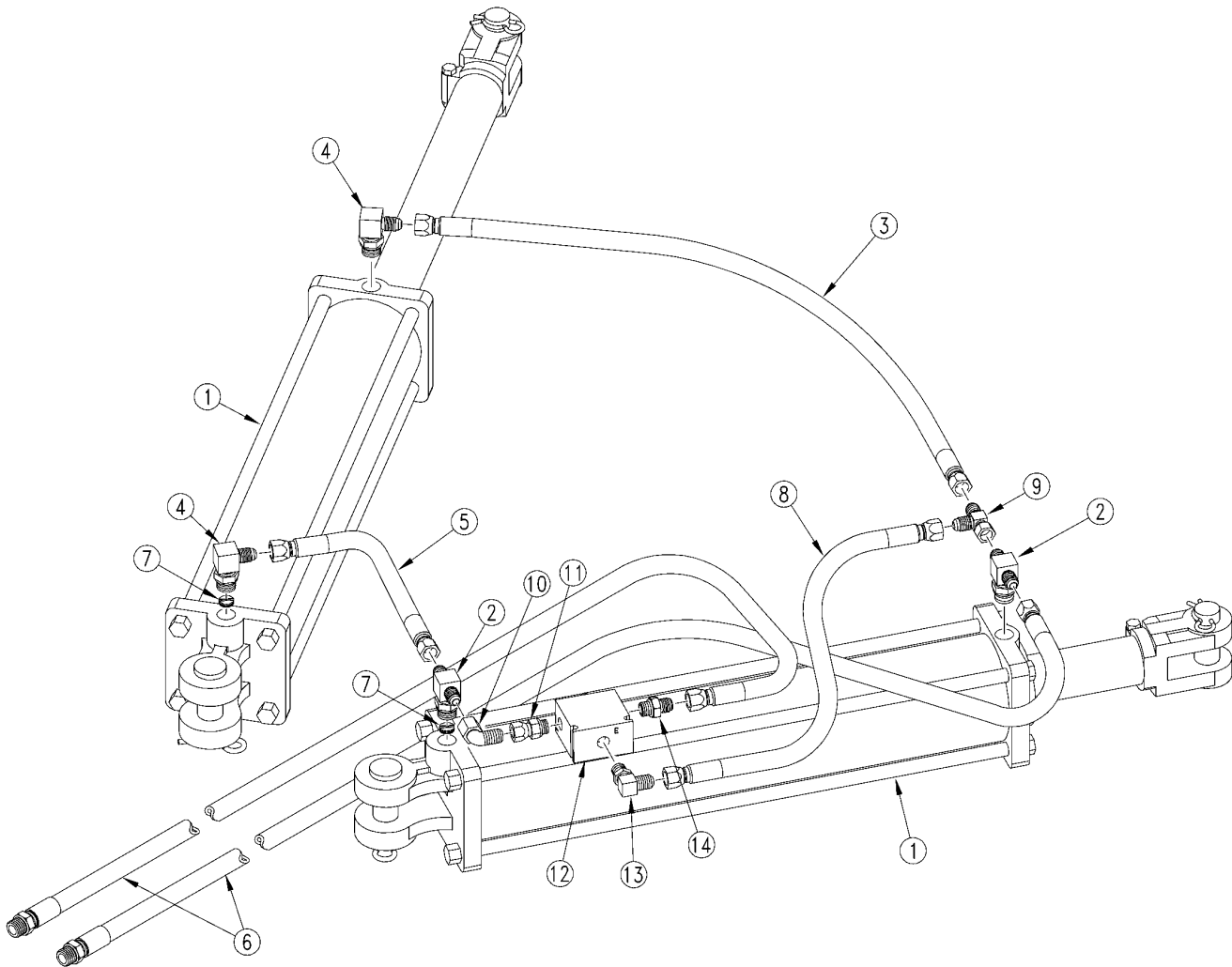
Fold Hydraulics

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15473	Image No.		
1.	810-421C	CYL 4X20X 2 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.	811-057C	HH1/4R2 020 9/16FJIC		
6.	811-181C	HH1/4R1 405 1/2MNPT 9/16FJIC		
7.	811-490C	RPBY 196-429D		

Fold Hydraulics With Check Valve

(Applies to 3S-4000 HD, 3S-4000 HDF only)



25012

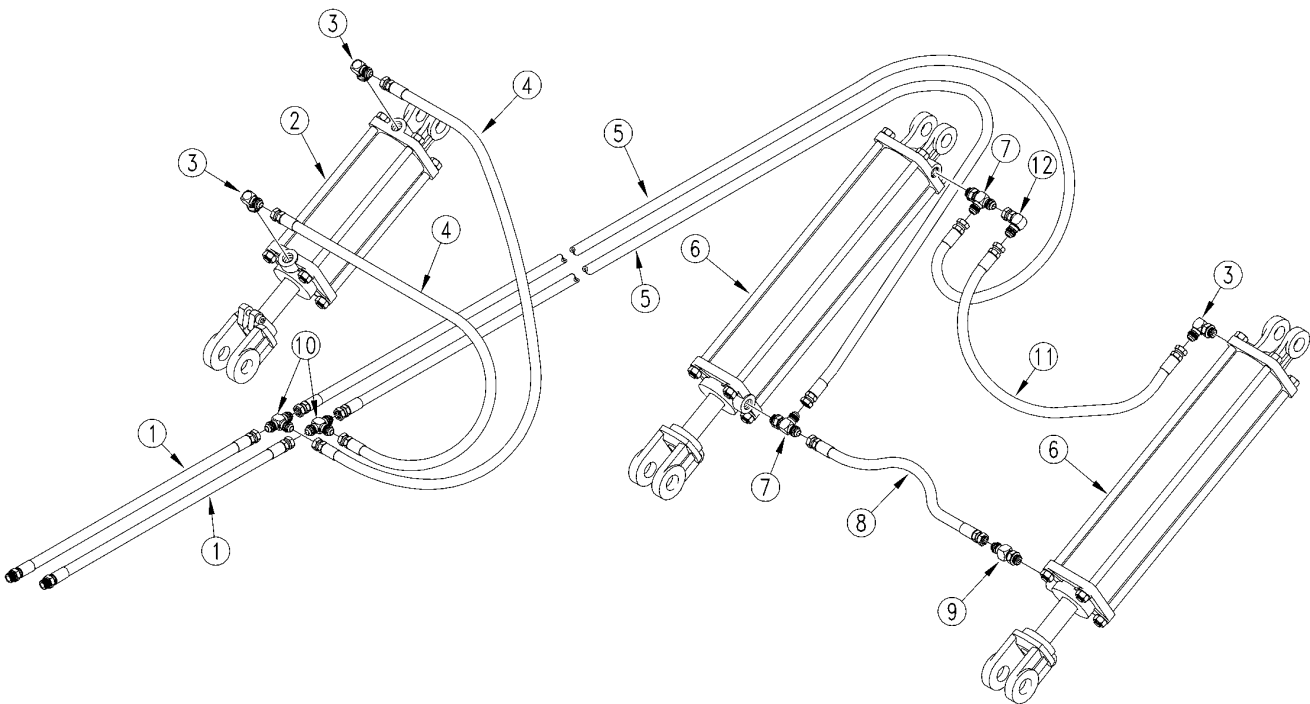
Fold Hydraulics With Check Valve

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg25012	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		
8.	811-362C	HH1/4R1 025 9/16FJIC		
9.	811-061C	TE 9/16MJIC 9/16MJIC 9/16FJIC		
10.	811-169C	EL 9/16MJIC 9/16FJIC		
11.	811-627C	AD 9/16MORB 9/16FJIC		
12.	810-343C	VALVE PO CHECK 2:1 W/9/16FORB		
13.	811-065C	EL 9/16MJIC 9/16MORB		
14.	811-170C	AD 9/16MORB 9/16MJIC		

Transport Axle And Transport Hook Hydraulics

(Applies to 3S-4000 HD, 3S-4000 HDF only)



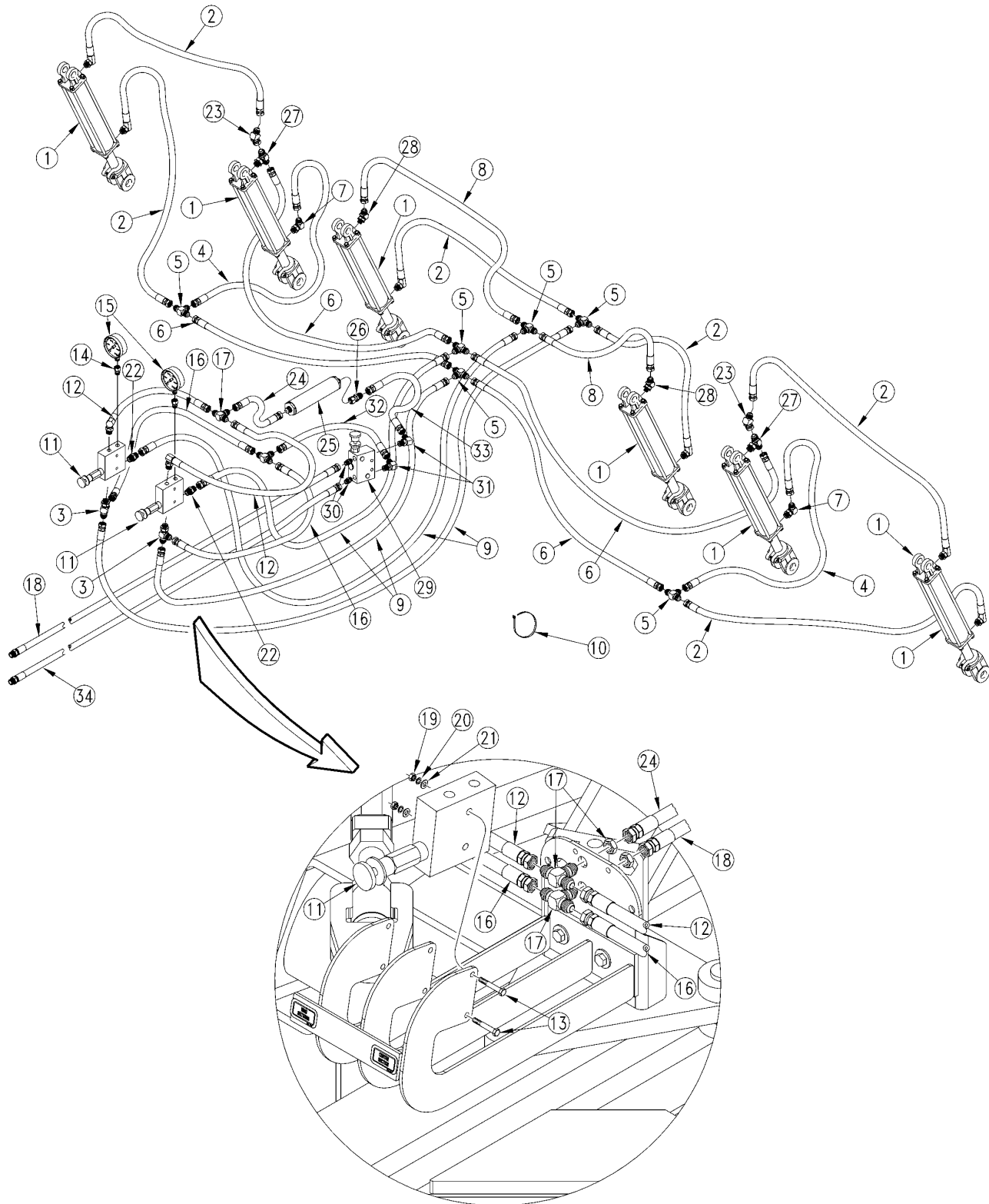
Transport Axle And Transport Hook Hydraulics

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18797	Image No.		
1.	811-724C	HH1/4R2 084 1/2MNPT 9/16FJIC		
2.	810-020C	CYL 4X10X1.25 ROD (TIE ROD)		
3.	811-171C	EL 3/4MORB 9/16MJIC		
4.	811-173C	HH1/4R1 145 9/16FJIC		
5.	811-231C	HH1/4R1 340 9/16FJIC		
6.	810-416C	CYL 4X16X1.50 ROD (TIE ROD)		
7.	811-249C	TE 9/16MJIC 3/4MORB 9/16MJIC		
8.	811-057C	HH1/4R2 020 9/16FJIC		
9.	811-133C	AD 9/16MJIC 3/4MORB		
10.	811-312C	TE 9/16MJIC		
11.	811-442C	HH1/4R2 028 9/16FJIC		
12.	811-169C	EL 9/16MJIC 9/16FJIC		

Opener Down Pressure Hydraulics (Closed Center) (S/N YY1310-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18798

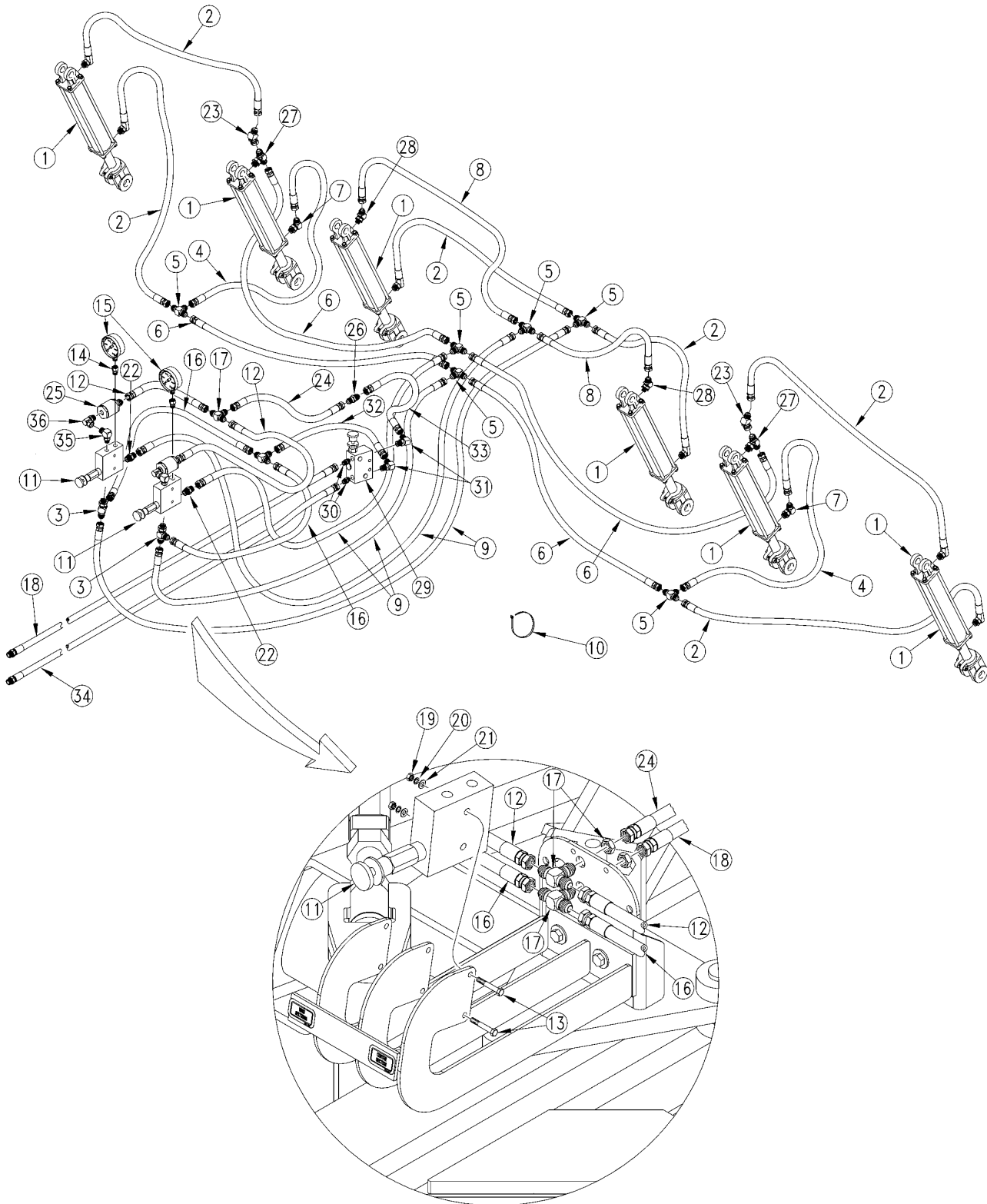
Opener Down Pressure Hydraulics (Closed Center) (S/N YY1310-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18798	Image No.		
1.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)		
2.	811-775C	HH1/4R1 124 9/16FJIC9/16MORB90		
3.	811-064C	TE 9/16MJIC 9/16MJIC 9/16MORB		
4.	811-364C	HH3/8R1 026 9/16FJIC		
5.	811-312C	TE 9/16MJIC		
6.	811-713C	HH3/8R2 147 9/16FJIC		
7.	811-065C	EL 9/16MJIC 9/16MORB		
8.	811-212C	HH1/4R1 102 9/16FJIC		
9.	811-774C	HH3/8R1 072 9/16FJIC		
10.	800-082C	CABLE TIE .31X21.5 6DIA 120LB		
11.	810-301C	VALVE PRESS REDUCING W/CHECK		
12.	811-632C	HH3/8R1 021 9/16FJIC9/16MORB90		
13.	802-551C	HHCS 1/4-20X2 1/4 GR5		
14.	811-677C	AD 9/16MORB 1/4FNPT		
15.	810-300C	PRESSURE GAUGE 3000 PSI		
16.	811-631C	HH3/8R1 018 9/16FJIC		
17.	811-356C	TE 9/16MJIC BH 9/16MJIC 9/16MJ		
18.	811-585C	HH3/8R1 408 1/2MNPT 9/16FJIC		
19.	803-006C	NUT-HEX 1/4-20 PLT		
20.	804-006C	WASHER LOCK SPRING 1/4 PLT		
21.	804-075C	WASHER FLAT 1/4 USS PLT		
22.	811-170C	AD 9/16MORB 9/16MJIC		
23.	811-397C	EL 45 9/16MJIC 9/16FJIC		
24.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
25.	810-410C	FILTER INLINE SHOEMAKER #8055		
26.	811-146C	AD 3/4FJIC 9/16MJIC		
27.	811-439C	TE 9/16MORB 9/16MJIC 9/16MJIC		
28.	811-416C	EL 45 9/16MJIC 9/16MORB		
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.	811-796C	HH1/2R1 408 1/2MNPT 9/16FJIC		

Opener Down Pressure Hydraulics (Closed Center) (S/N YY1311+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



22968

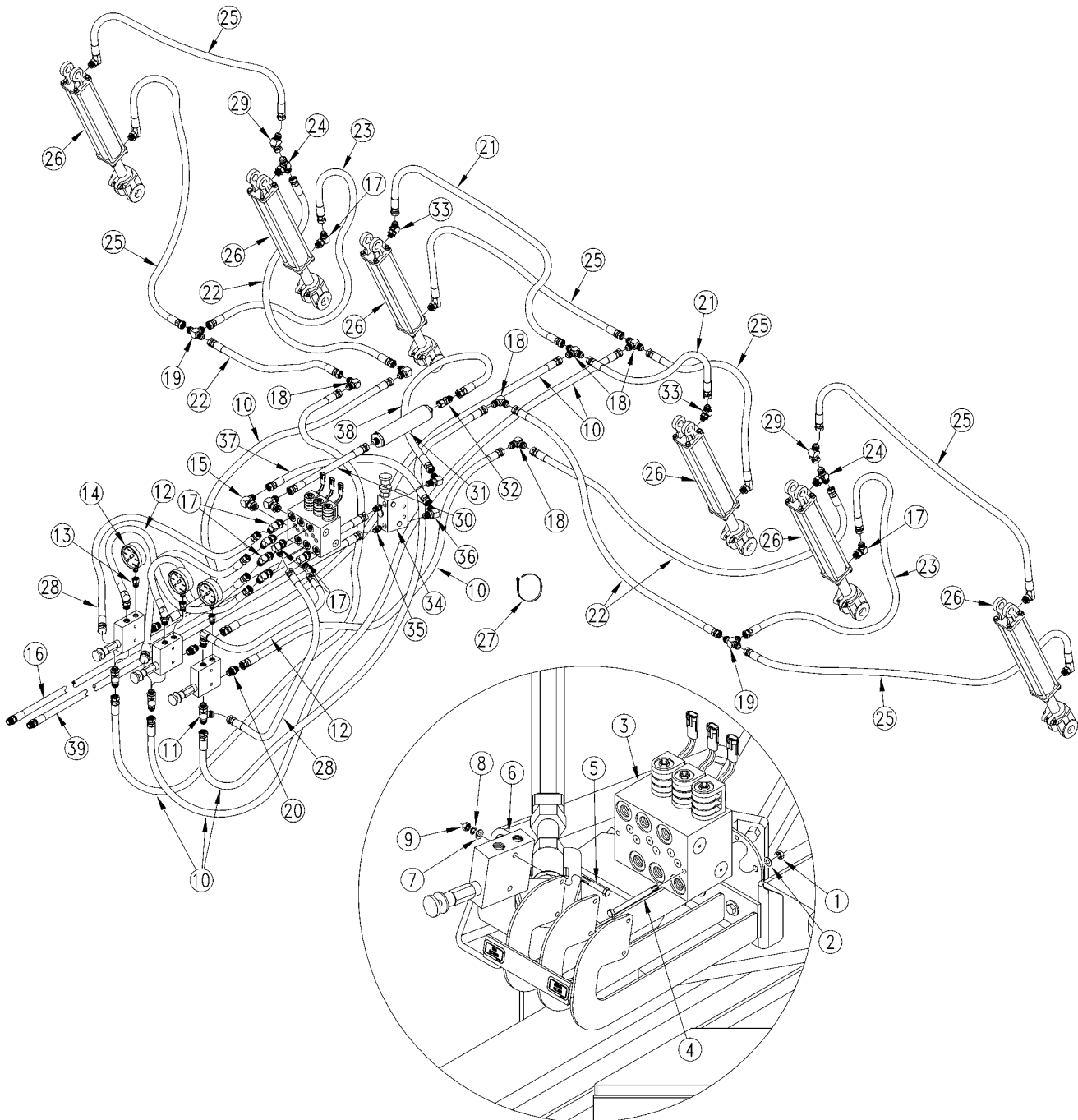
Opener Down Pressure Hydraulics (Closed Center) (S/N YY1311+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg22968	Image No.		
1.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)		
2.	811-775C	HH1/4R1 124 9/16FJIC9/16MORB90		
3.	811-064C	TE 9/16MJIC 9/16MJIC 9/16MORB		
4.	811-364C	HH3/8R1 026 9/16FJIC		
5.	811-312C	TE 9/16MJIC		
6.	811-713C	HH3/8R2 147 9/16FJIC		
7.	811-065C	EL 9/16MJIC 9/16MORB		
8.	811-212C	HH1/4R1 102 9/16FJIC		
9.	811-774C	HH3/8R1 072 9/16FJIC		
10.	800-082C	CABLE TIE .31X21.5 6DIA 120LB		
11.	810-301C	VALVE PRESS REDUCING W/CHECK		
12.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
13.	802-551C	HHCS 1/4-20X2 1/4 GR5		
14.	811-677C	AD 9/16MORB 1/4FNPT		
15.	810-300C	PRESSURE GAUGE 3000 PSI		
16.	811-631C	HH3/8R1 018 9/16FJIC		
17.	811-356C	TE 9/16MJIC BH 9/16MJIC 9/16MJ		
18.	811-585C	HH3/8R1 408 1/2MNPT 9/16FJIC		
19.	803-006C	NUT-HEX 1/4-20 PLT		
20.	804-006C	WASHER LOCK SPRING 1/4 PLT		
21.	804-075C	WASHER FLAT 1/4 USS PLT		
22.	811-170C	AD 9/16MORB 9/16MJIC		
23.	811-397C	EL 45 9/16MJIC 9/16FJIC		
24.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
25.	810-554C	FILTER INLINE 3/4FORB 3/4MJIC	For replacement screen order 810-553C	
26.	811-430C	AD 3/4MJIC 3/4MJIC		
27.	811-439C	TE 9/16MORB 9/16MJIC 9/16MJIC		
28.	811-416C	EL 45 9/16MJIC 9/16MORB		
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.	811-796C	HH1/2R1 408 1/2MNPT 9/16FJIC		
35.	811-216C	EL 3/4MJIC 9/16MORB		
36.	841-077C	EL 3/4FJIC 3/4MORB		

Opener Down Pressure Hydraulics With Point Row (Option) (S/N YY1310-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18800

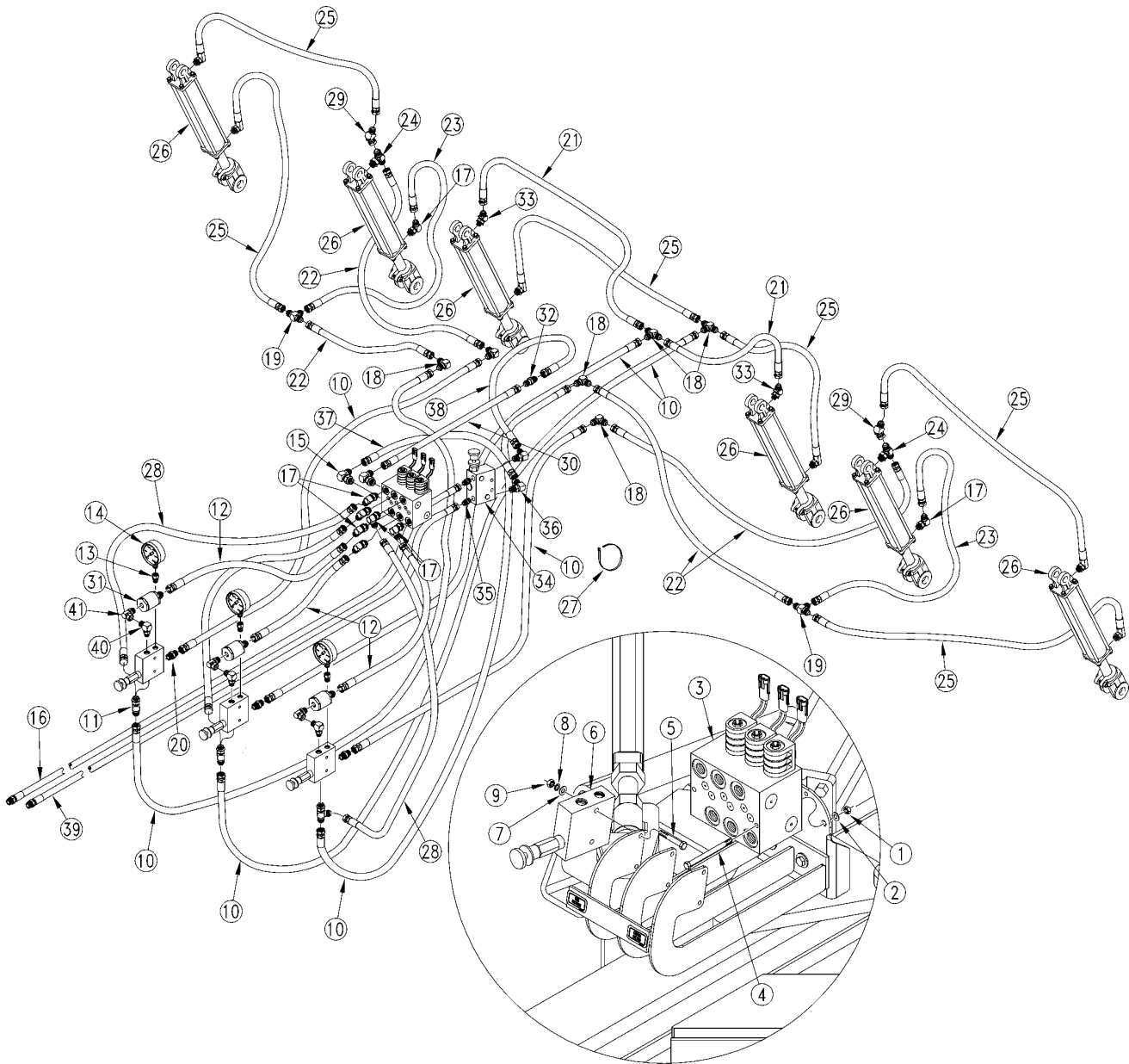
Opener Down Pressure Hydraulics With Point Row (Option) (S/N YY1310-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18800	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		
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		
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.	811-774C	HH3/8R1 072 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.	811-170C	AD 9/16MORB 9/16MJIC		
21.	811-212C	HH1/4R1 102 9/16FJIC		
22.	811-713C	HH3/8R2 147 9/16FJIC		
23.	811-364C	HH3/8R1 026 9/16FJIC		
24.	811-439C	TE 9/16MORB 9/16MJIC 9/16MJIC		
25.	811-775C	HH1/4R1 124 9/16FJIC9/16MORB90		
26.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)		
27.	800-082C	CABLE TIE .31X21.5 6DIA 120LB		
28.	811-631C	HH3/8R1 018 9/16FJIC		
29.	811-397C	EL 45 9/16MJIC 9/16FJIC		
30.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
31.	810-410C	FILTER INLINE SHOEMAKER #8055		
32.	811-146C	AD 3/4FJIC 9/16MJIC		
33.	811-416C	EL 45 9/16MJIC 9/16MORB		
34.	810-432C	HYDRAULIC BYPASS VALVE		
35.	811-133C	AD 9/16MJIC 3/4MORB		
36.	811-171C	EL 3/4MORB 9/16MJIC		
37.	811-631C	HH3/8R1 018 9/16FJIC		
38.	811-118C	HH3/8R1 041 9/16FJIC 3/4FJIC		
39.	811-796C	HH1/2R1 408 1/2MNPT 9/16FJIC		

Opener Down Pressure Hydraulics With Point Row (Option) (S/N YY1311+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



22969

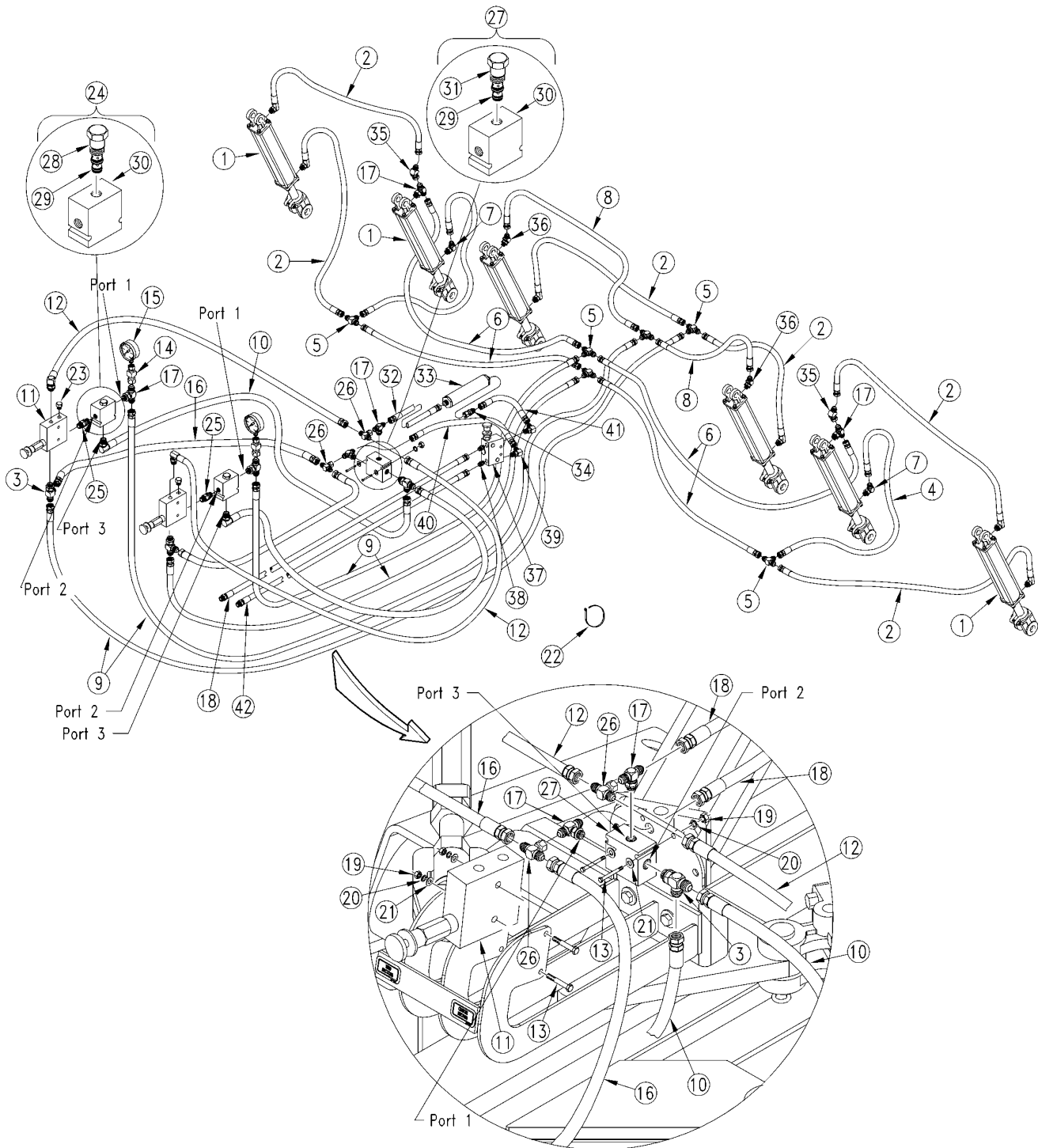
Opener Down Pressure Hydraulics With Point Row (Option) (S/N YY1311+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg22969	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		
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		
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.	811-774C	HH3/8R1 072 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.	811-170C	AD 9/16MORB 9/16MJIC		
21.	811-212C	HH1/4R1 102 9/16FJIC		
22.	811-713C	HH3/8R2 147 9/16FJIC		
23.	811-364C	HH3/8R1 026 9/16FJIC		
24.	811-439C	TE 9/16MORB 9/16MJIC 9/16MJIC		
25.	811-775C	HH1/4R1 124 9/16FJIC9/16MORB90		
26.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)		
27.	800-082C	CABLE TIE .31X21.5 6DIA 120LB		
28.	811-631C	HH3/8R1 018 9/16FJIC		
29.	811-397C	EL 45 9/16MJIC 9/16FJIC		
30.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
31.	810-554C	FILTER INLINE 3/4FORB 3/4MJIC	For replacement screen order 810-553C	
32.	811-430C	AD 3/4MJIC 3/4MJIC		
33.	811-416C	EL 45 9/16MJIC 9/16MORB		
34.	810-432C	HYDRAULIC BYPASS VALVE		
35.	811-133C	AD 9/16MJIC 3/4MORB		
36.	811-171C	EL 3/4MORB 9/16MJIC		
37.	811-631C	HH3/8R1 018 9/16FJIC		
38.	811-118C	HH3/8R1 041 9/16FJIC 3/4FJIC		
39.	811-796C	HH1/2R1 408 1/2MNPT 9/16FJIC		
40.	811-216C	EL 3/4MJIC 9/16MORB		
41.	841-077C	EL 3/4FJIC 3/4MORB		

Opener Down Pressure Hydraulics (Open Center) (S/N YY1310-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18801

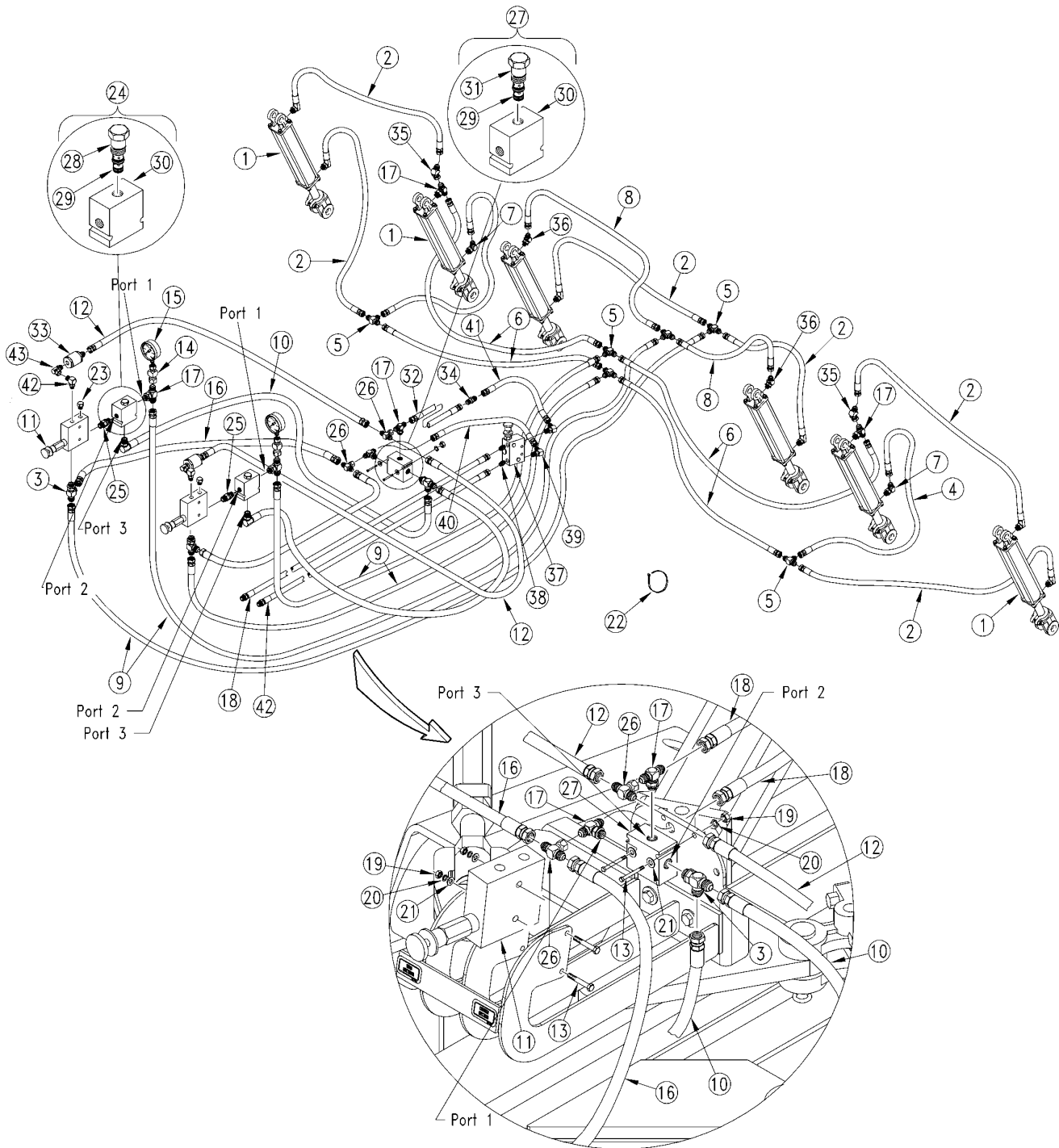
Opener Down Pressure Hydraulics (Open Center) (S/N YY1310-)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18801	Image No.		
1.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)		
2.	811-775C	HH1/4R1 124 9/16FJIC9/16MORB90		
3.	811-064C	TE 9/16MJIC 9/16MJIC 9/16MORB		
4.	811-364C	HH3/8R1 026 9/16FJIC		
5.	811-312C	TE 9/16MJIC		
6.	811-713C	HH3/8R2 147 9/16FJIC		
7.	811-065C	EL 9/16MJIC 9/16MORB		
8.	811-212C	HH1/4R1 102 9/16FJIC		
9.	811-774C	HH3/8R1 072 9/16FJIC		
10.	811-531C	HH1/4R2 018 9/16FJIC9/16MORB90		
11.	810-301C	VALVE PRESS REDUCING W/CHECK		
12.	811-632C	HH3/8R1 021 9/16FJIC9/16MORB90		
13.	802-551C	HHCS 1/4-20X2 1/4 GR5		
14.	811-582C	AD 9/16FJIC 1/4FNPT		
15.	810-300C	PRESSURE GAUGE 3000 PSI		
16.	811-631C	HH3/8R1 018 9/16FJIC		
17.	811-439C	TE 9/16MORB 9/16MJIC 9/16MJIC		
18.	811-585C	HH3/8R1 408 1/2MNPT 9/16FJIC		
19.	803-006C	NUT-HEX 1/4-20 PLT		
20.	804-006C	WASHER LOCK SPRING 1/4 PLT		
21.	804-075C	WASHER FLAT 1/4 USS PLT		
22.	800-082C	CABLE TIE .31X21.5 6DIA 120LB		
23.	811-675C	PL 9/16MORB HEX HEAD		
24.	810-343C	VALVE PO CHECK 2:1 W/9/16FORB		
25.	811-636C	AD 9/16MORB STRAIGHT UNION		
26.	811-193C	TE 9/16FJIC 9/16MJIC 9/16MJIC		
27.	810-344C	VALVE SHUTTLE 9/16FORB PORTS		
28.	810-293C	VALVE P O CHECK DELTA 85002692		
29.	810-303C	SEAL KIT 7/8-14 DELTA 21170040		
30.	30102360	DELTA BODY ONLY FS#6 SAE PORTS		
31.	85002946	DELTA SHUTTLE VALVE CARTRIDGE		
32.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
33.	810-410C	FILTER INLINE SHOEMAKER #8055		
34.	811-146C	AD 3/4FJIC 9/16MJIC		
35.	811-397C	EL 45 9/16MJIC 9/16FJIC		
36.	811-416C	EL 45 9/16MJIC 9/16MORB		
37.	810-432C	HYDRAULIC BYPASS VALVE		
38.	811-133C	AD 9/16MJIC 3/4MORB		
39.	811-171C	EL 3/4MORB 9/16MJIC		
40.	811-631C	HH3/8R1 018 9/16FJIC		
41.	811-118C	HH3/8R1 041 9/16FJIC 3/4FJIC		
42.	811-796C	HH1/2R1 408 1/2MNPT 9/16FJIC		

Opener Down Pressure Hydraulics (Open Center) (S/N YY1311+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



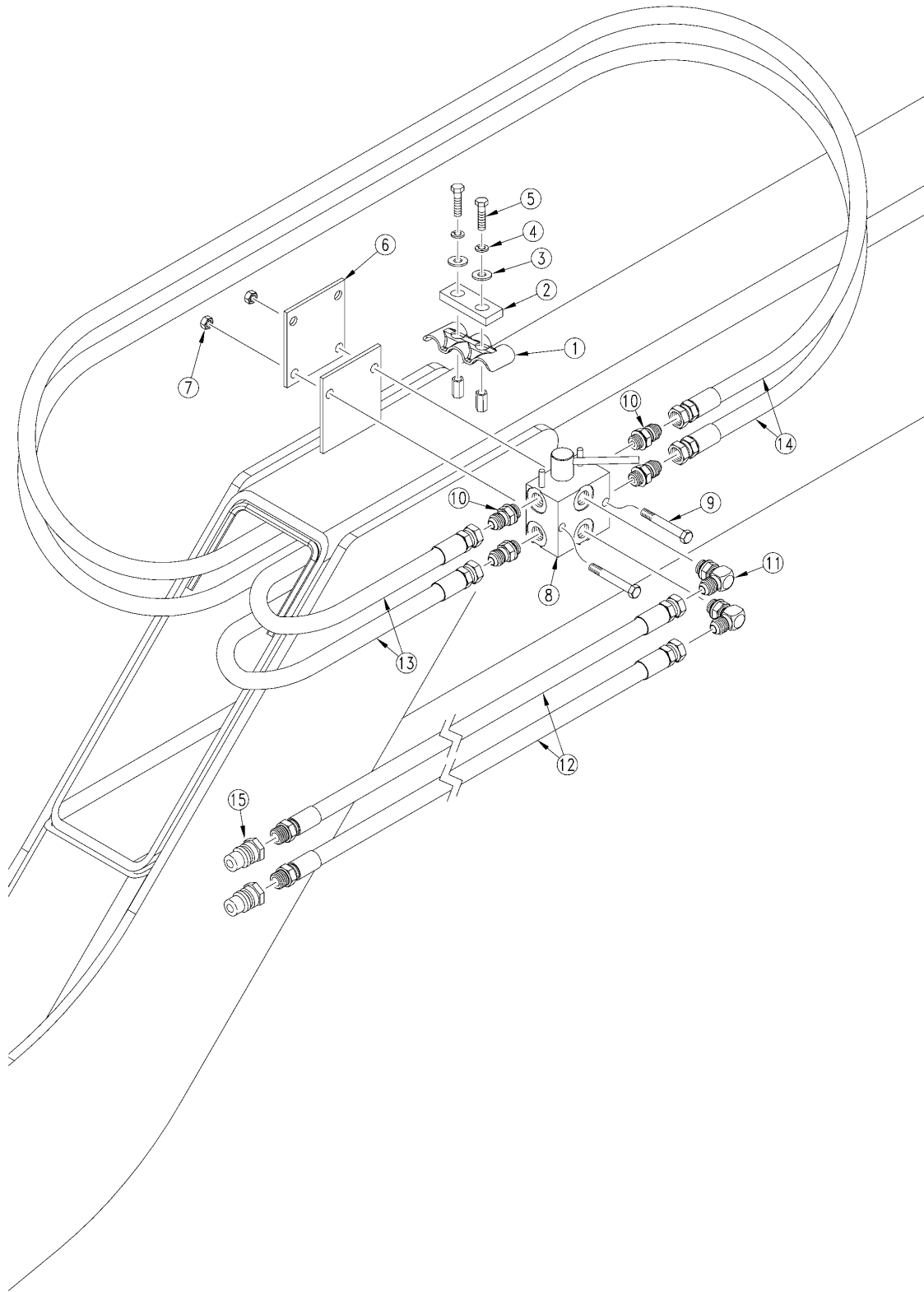
Opener Down Pressure Hydraulics (Open Center) (S/N YY1311+)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg22970	Image No.		
1.	810-299C	CYL 2X8X1.12 ROD (TIE ROD)		
2.	811-775C	HH1/4R1 124 9/16FJIC9/16MORB90		
3.	811-064C	TE 9/16MJIC 9/16MJIC 9/16MORB		
4.	811-364C	HH3/8R1 026 9/16FJIC		
5.	811-312C	TE 9/16MJIC		
6.	811-713C	HH3/8R2 147 9/16FJIC		
7.	811-065C	EL 9/16MJIC 9/16MORB		
8.	811-212C	HH1/4R1 102 9/16FJIC		
9.	811-774C	HH3/8R1 072 9/16FJIC		
10.	811-531C	HH1/4R2 018 9/16FJIC9/16MORB90		
11.	810-301C	VALVE PRESS REDUCING W/CHECK		
12.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
13.	802-551C	HHCS 1/4-20X2 1/4 GR5		
14.	811-582C	AD 9/16FJIC 1/4FNPT		
15.	810-300C	PRESSURE GAUGE 3000 PSI		
16.	811-631C	HH3/8R1 018 9/16FJIC		
17.	811-439C	TE 9/16MORB 9/16MJIC 9/16MJIC		
18.	811-585C	HH3/8R1 408 1/2MNPT 9/16FJIC		
19.	803-006C	NUT-HEX 1/4-20 PLT		
20.	804-006C	WASHER LOCK SPRING 1/4 PLT		
21.	804-075C	WASHER FLAT 1/4 USS PLT		
22.	800-082C	CABLE TIE .31X21.5 6DIA 120LB		
23.	811-675C	PL 9/16MORB HEX HEAD		
24.	810-343C	VALVE PO CHECK 2:1 W/9/16FORB		
25.	811-636C	AD 9/16MORB STRAIGHT UNION		
26.	811-193C	TE 9/16FJIC 9/16MJIC 9/16MJIC		
27.	810-344C	VALVE SHUTTLE 9/16FORB PORTS		
28.	810-293C	VALVE P O CHECK DELTA 85002692		
29.	810-303C	SEAL KIT 7/8-14 DELTA 21170040		
30.	30102360	DELTA BODY ONLY FS#6 SAE PORTS		
31.	85002946	DELTA SHUTTLE VALVE CARTRIDGE		
32.	811-286C	HH3/8R2 020 3/4FJIC 9/16FJIC		
33.	810-554C	FILTER INLINE 3/4FORB 3/4MJIC	For replacement screen order 810-553C	
34.	811-430C	AD 3/4MJIC 3/4MJIC		
35.	811-397C	EL 45 9/16MJIC 9/16FJIC		
36.	811-416C	EL 45 9/16MJIC 9/16MORB		
37.	810-432C	HYDRAULIC BYPASS VALVE		
38.	811-133C	AD 9/16MJIC 3/4MORB		
39.	811-171C	EL 3/4MORB 9/16MJIC		
40.	811-631C	HH3/8R1 018 9/16FJIC		
41.	811-118C	HH3/8R1 041 9/16FJIC 3/4FJIC		
42.	811-216C	EL 3/4MJIC 9/16MORB		
43.	841-077C	EL 3/4FJIC 3/4MORB		

Double Selector Valve Mounting

(Applies to 3S-4000 HD, 3S-4000 HDF only)



27020

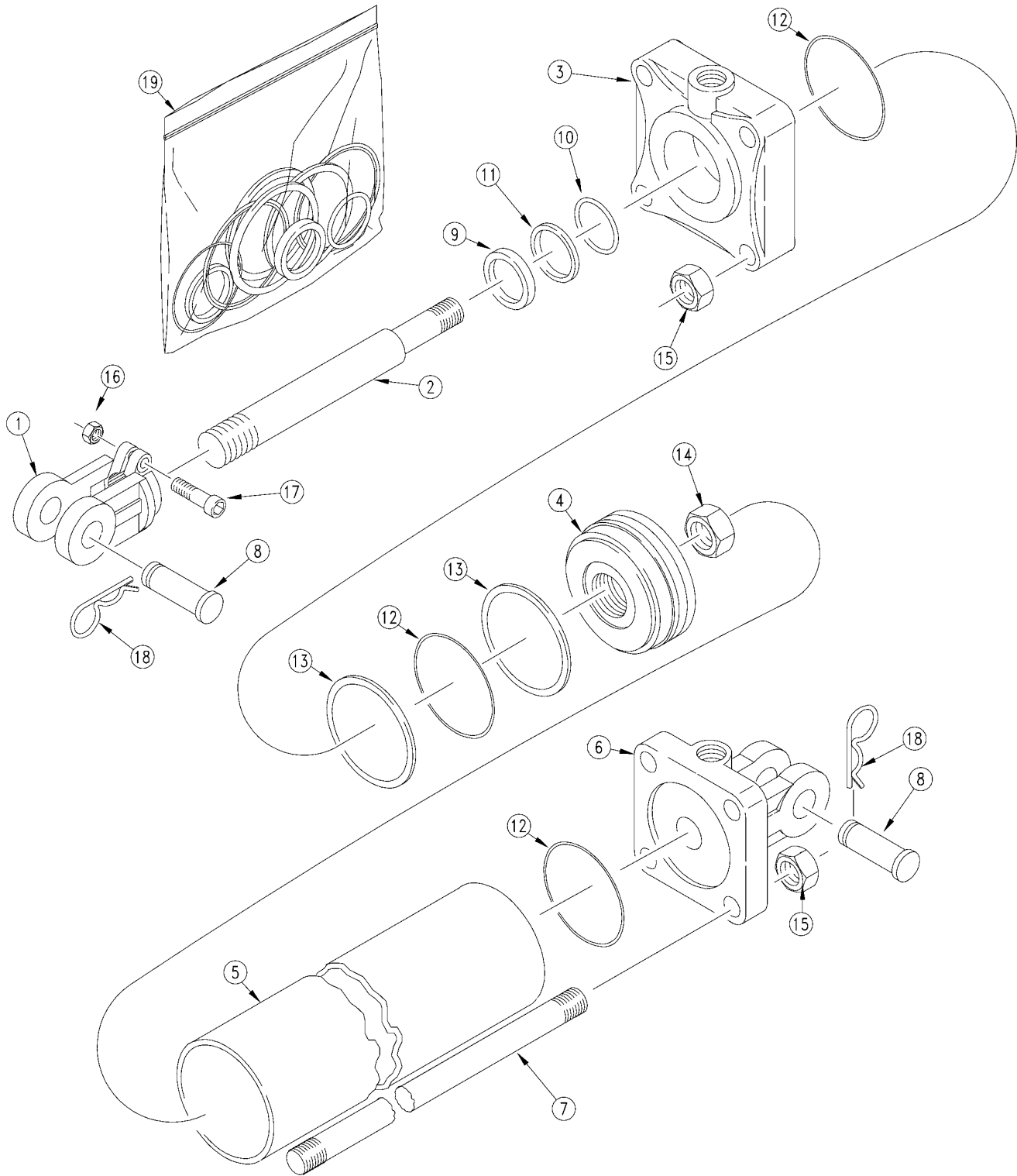
Double Selector Valve Mounting

(Applies to 3S-4000 HD, 3S-4000 HDF 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		

Midway Hydraulic Cylinder (810-020C)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



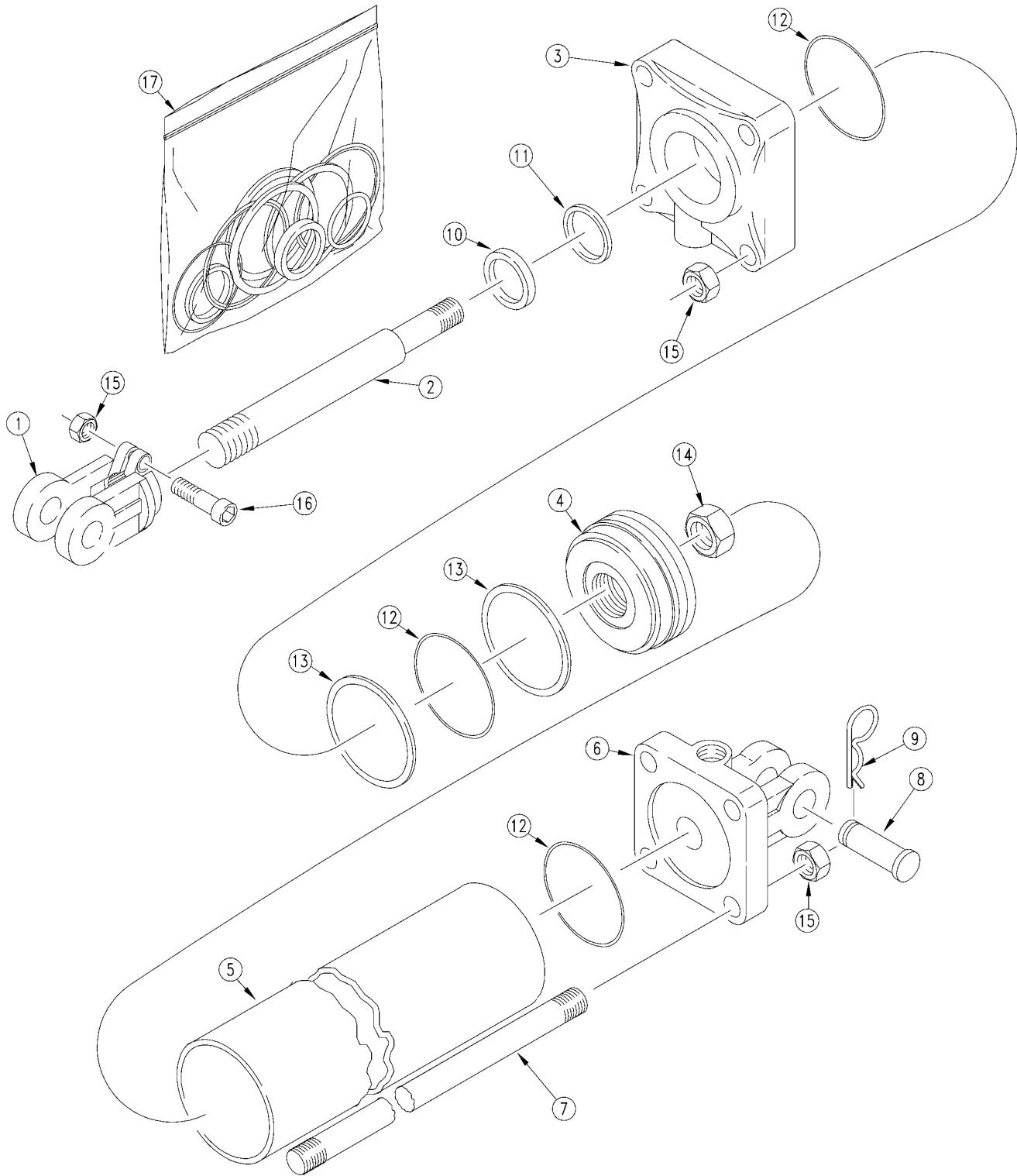
Midway Hydraulic Cylinder (810-020C)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg10035	Image No.		
1.	1M7016	CLEVIS ROD MIDWAY		
2.	2M6470	MW ROD 1-1/4 DIA.X 10 STROKE		
3.	3R5712	MW HEAD		
4.	4M6108	MW PISTON		
5.	2M6108	MW TUBE		
6.	6R5164	BASE MIDWAY		
7.	7M6318	MW TIE ROD 4 X 10 CYLINDER		
8.	2A0208	RPBY 805-124C		
9.		WIPER	Only found in seal kit #19	
10.		O-RING	Only found in seal kit #19	
11.		BACK-UP	Only found in seal kit #19	
12.		O-RING	Only found in seal kit #19	
13.		BACK-UP	Only found in seal kit #19	
14.	2A0024	MW PISTON NUT 1-14		
15.	2A0018	MW TIE ROD NUT		
16.	2A0012	RPBY 803-234C		
17.	2A0006	RPBY 802-023C		
18.	2A0132	MW PIN CLIP		
19.	810-013C	CYL SEAL KIT 4 X 14 MW 5A6102		

Midway Hydraulic Cylinder (810-299C)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



15705

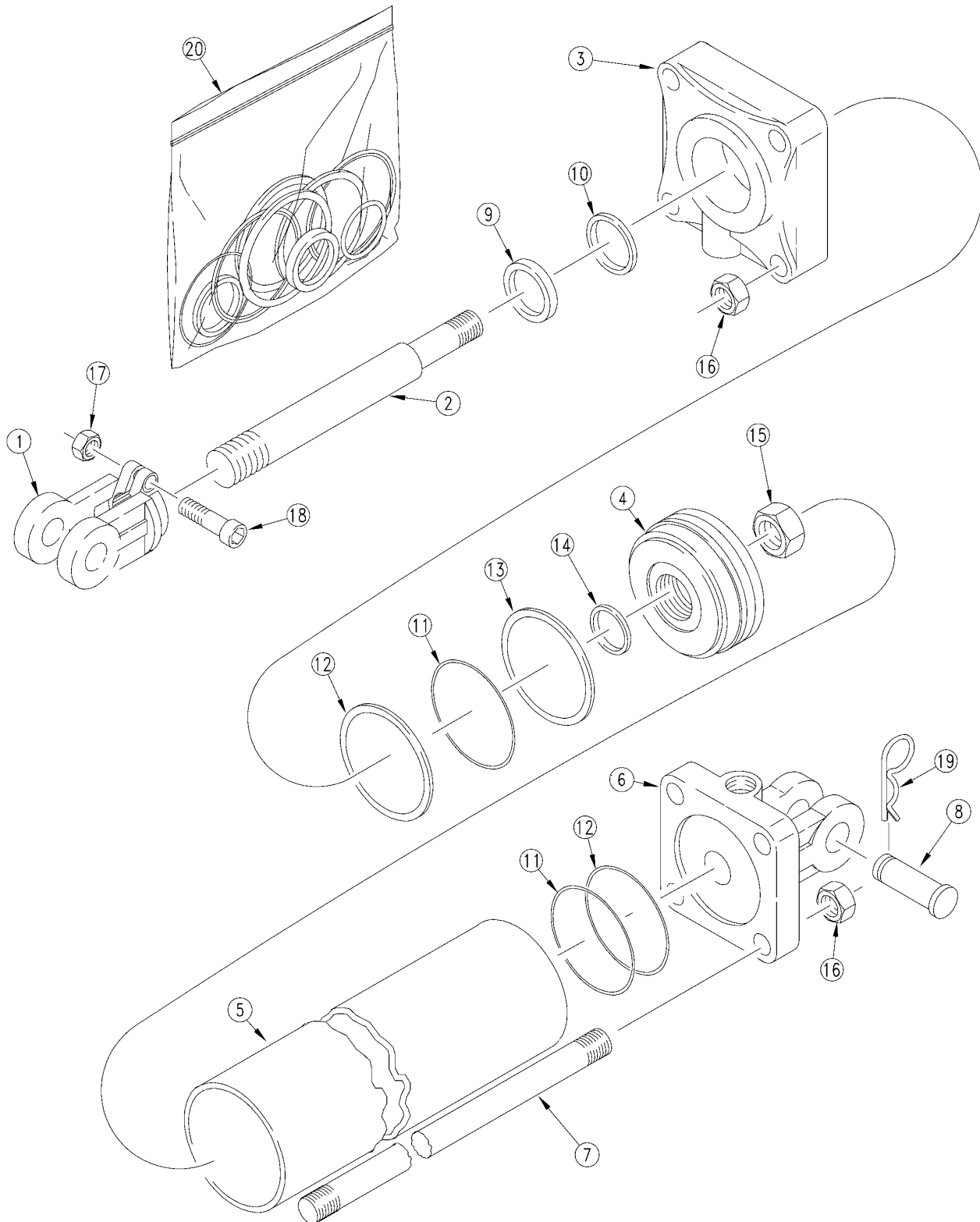
Midway Hydraulic Cylinder (810-299C)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg15705	Image No.		
1.	1M6006	MW ROD CLEVIS		
2.	2M2316	MW ROD		
3.	3R0122	MW HEAD		
4.	4M2102	RPBY 4M2108		
5.	5M2116	MW TUBE		
6.	6R0032	BASE MIDWAY		
7.	7M2316	MW TIE ROD		
8.	2A0208	RPBY 805-124C		
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.	810-310C	SEAL KIT MW 5A2104		

Midway Hydraulic Cylinder (810-416C)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



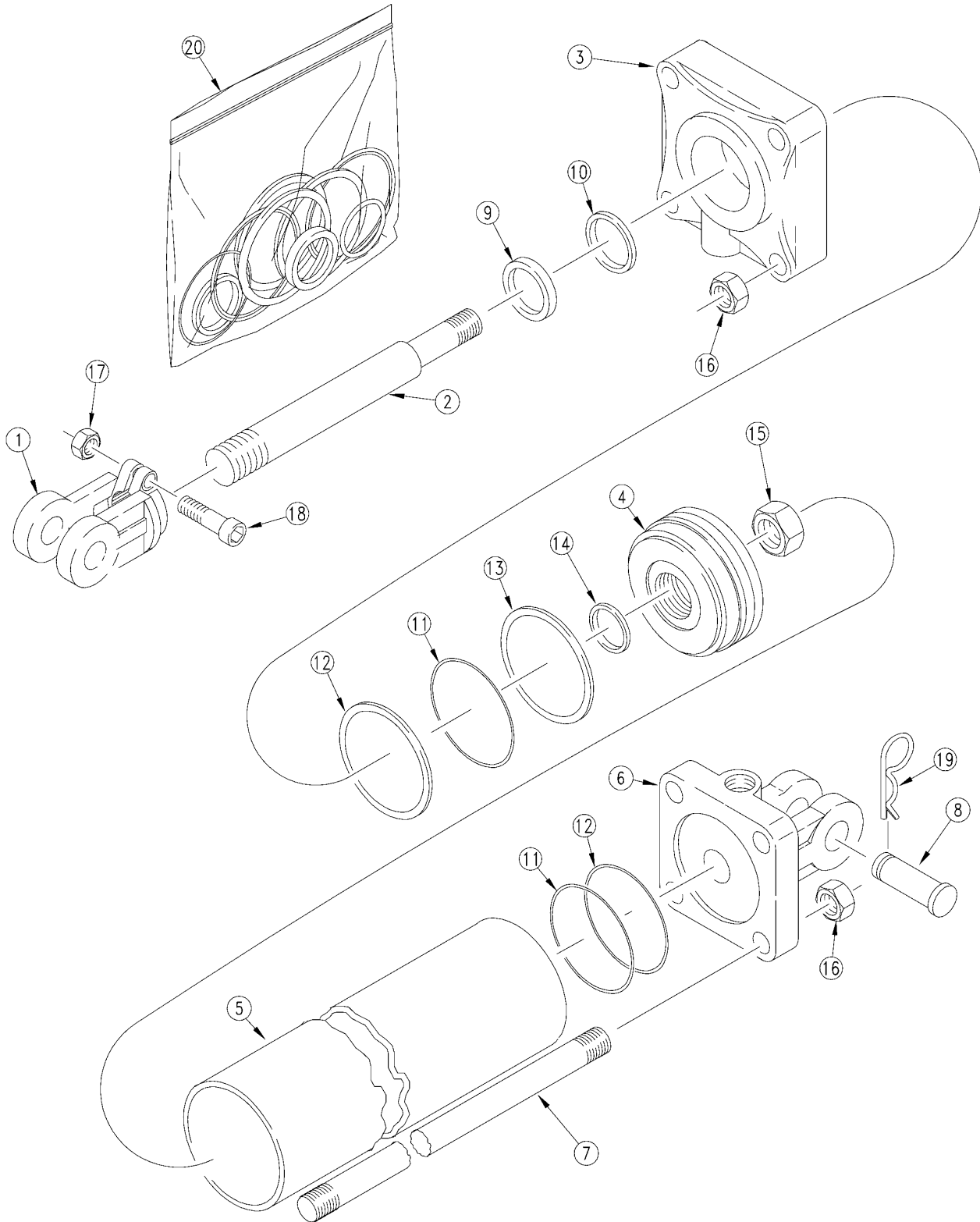
Midway Hydraulic Cylinder (810-416C)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18802	Image No.		
1.	1M7016	CLEVIS ROD MIDWAY		
2.	2M6526	MIDWAY ROD		
3.	3R5412	MIDWAY HEAD		
4.	4M6108	MW PISTON		
5.	5M6124	MW TUBE 4 X 16 CYLINDER		
6.	6R5162	MW BASE		
7.	7M6324	MW TIE ROD 4 X 16 CYLINDER		
8.	2A0208	RPBY 805-124C		
9.		MW WIPER	Only found in seal kit #20	
10.		U-CUP	Only found in seal kit #20	
11.		O-RING MIDWAY	Only found in seal kit #20	
12.		BACK UP MIDWAY	Only found in seal kit #20	
13.		CROWN SEAL	Only found in seal kit #20	
14.	2A0052	MW PISTON NUT SEAL		
15.	2A0024	MW PISTON NUT 1-14		
16.	2A0018	MW TIE ROD NUT		
17.	2A0012	RPBY 803-234C		
18.	2A0006	RPBY 802-023C		
19.	2A0132	MW PIN CLIP		
20.	810-060C	CYL SEAL KIT-810-031C-5A6104		

Midway Hydraulic Cylinder (810-421C)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



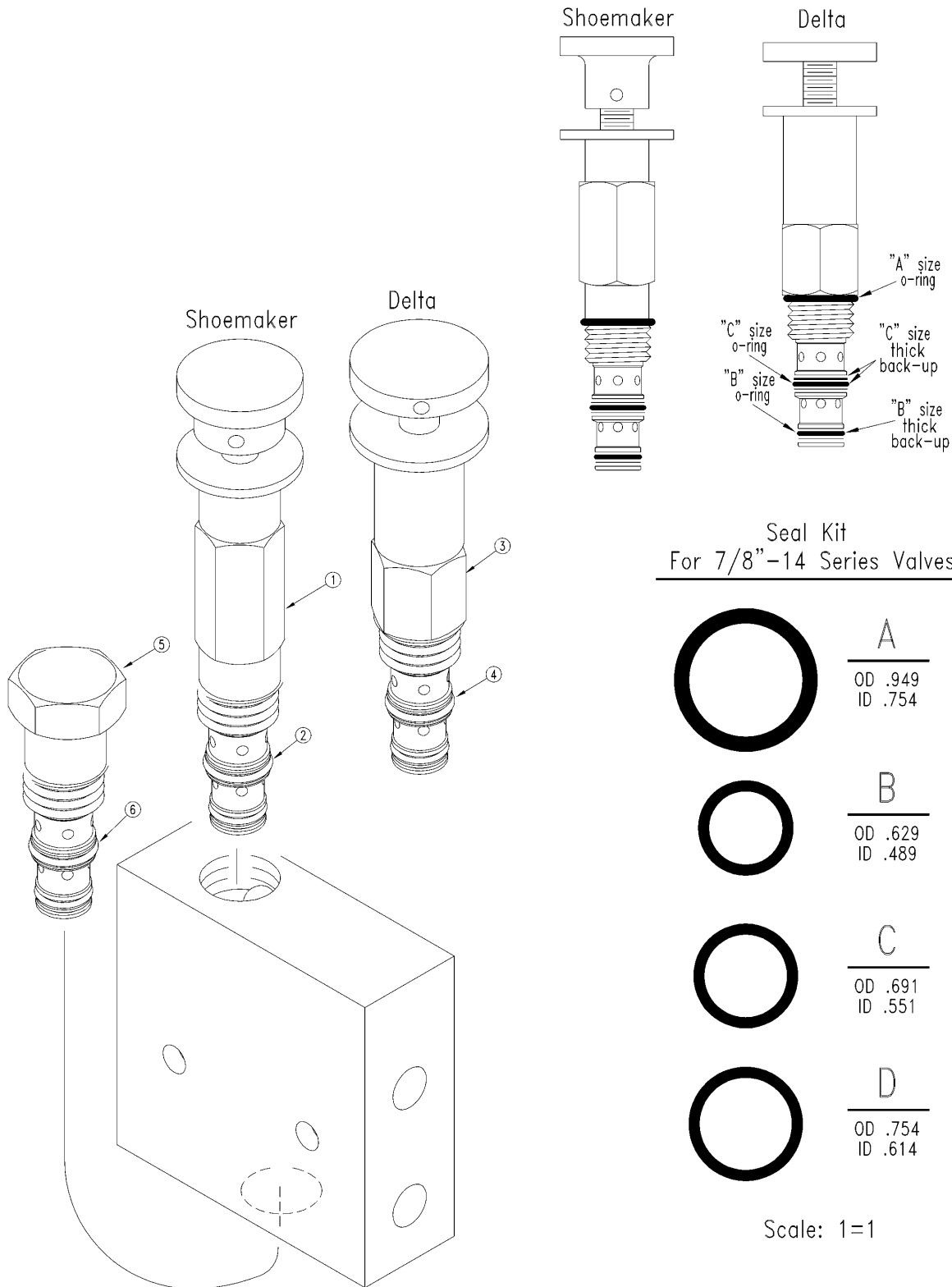
Midway Hydraulic Cylinder (810-421C)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18802	Image No.		
1.	1M7016	CLEVIS ROD MIDWAY		
2.	2M6628	MW ROD		
3.	3R6012	HEAD MIDWAY		
4.	4M6108	MW PISTON		
5.	5M6128	MIDWAY TUBE		
6.	6R5162	MW BASE		
7.	7M6328	MW TIE ROD		
8.	2A0208	RPBY 805-124C		
9.	2A0042	MW WIPER	Only Available in Seal Kit #20	
10.	2A0426	U-CUP	Only Available in Seal Kit #20	
11.	2A0245	O-RING MIDWAY	Only Available in Seal Kit #20	
12.	2A0275	BACK UP MIDWAY	Only Available in Seal Kit #20	
13.	2A0458	CROWN SEAL MIDWAY		
14.	2A0052	MW PISTON NUT SEAL		
15.	2A0024	MW PISTON NUT 1-14		
16.	2A0018	MW TIE ROD NUT		
17.	2A0012	RPBY 803-234C		
18.	802-023C	HHCS 3/8-16X1 3/4 GR5		
19.	2A0132	MW PIN CLIP		
20.	810-014C	CYL SEAL KIT 4 X 16 MW 5A6106		

Pressure Reducing Valve (810-301C)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18804

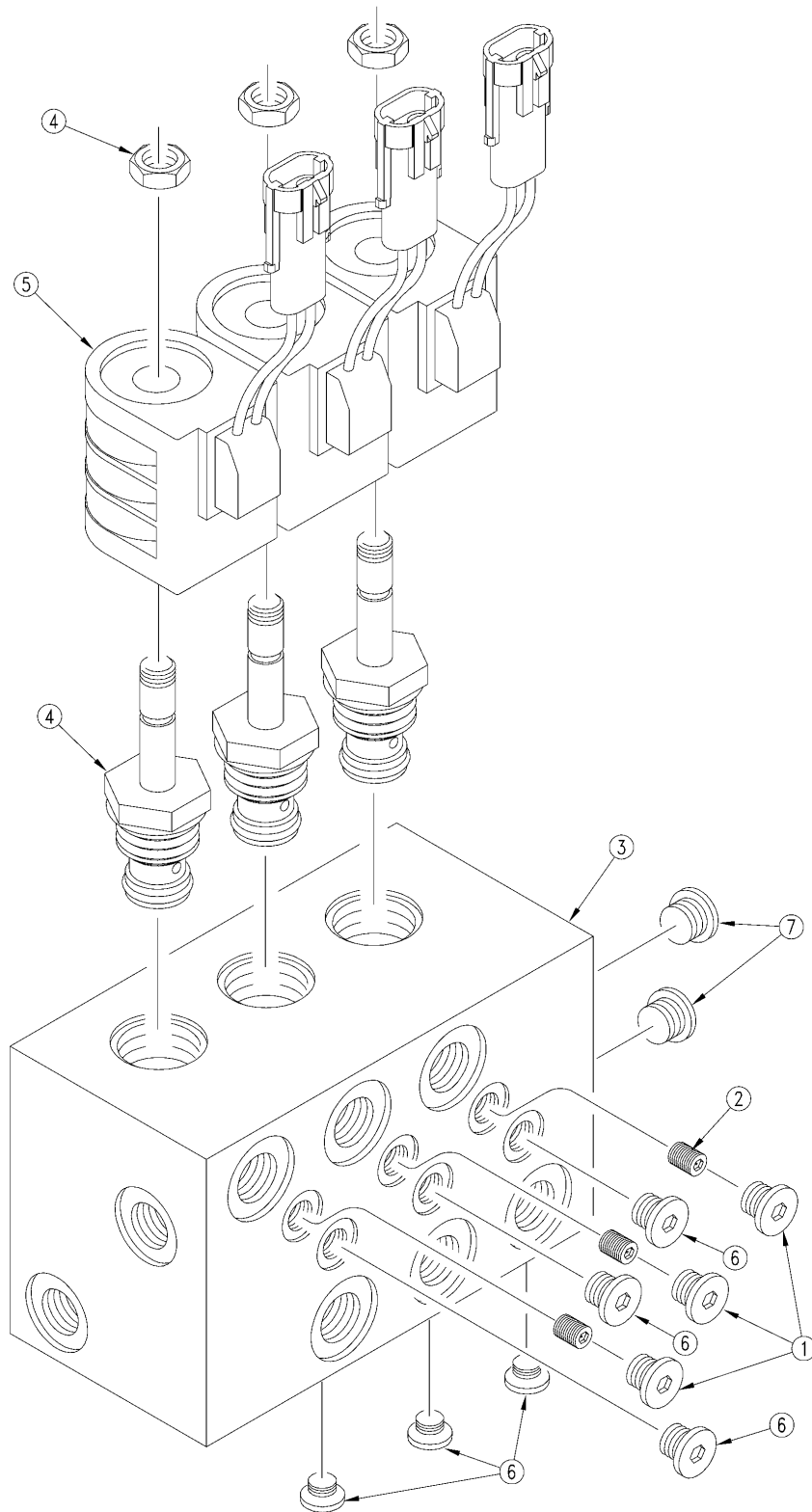
Pressure Reducing Valve (810-301C)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18804	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		
	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-4000 HD, 3S-4000 HDF only)



17027

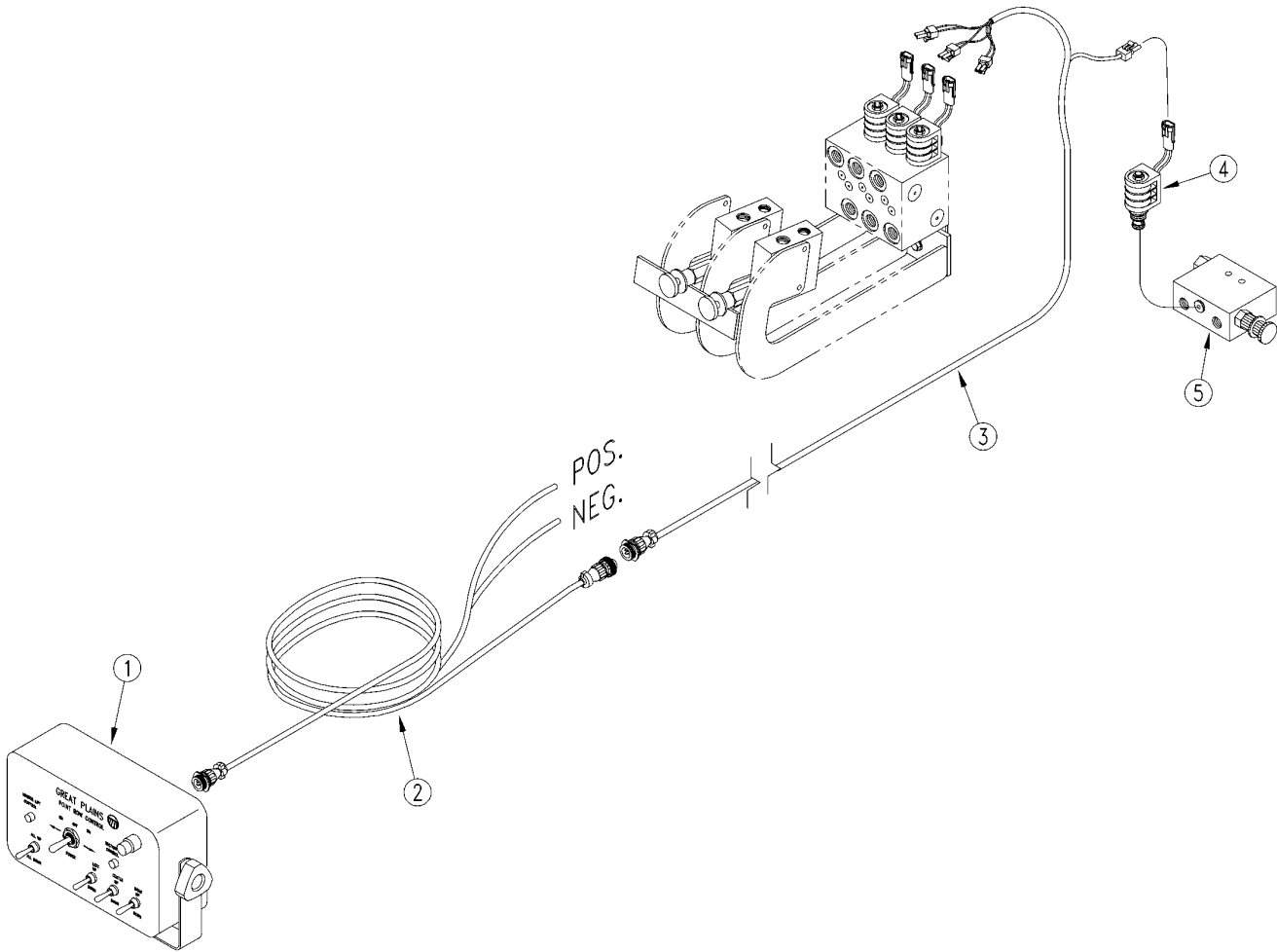
Manifold Block (810-371C) (Option)

(Applies to 3S-4000 HD, 3S-4000 HDF 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		
7.	500-090B	SEAL KIT 7/8-14 DELTA W/ LTITE		

Point Row Control Box With Cables

(Applies to 3S-4000 HD, 3S-4000 HDF only)



22972

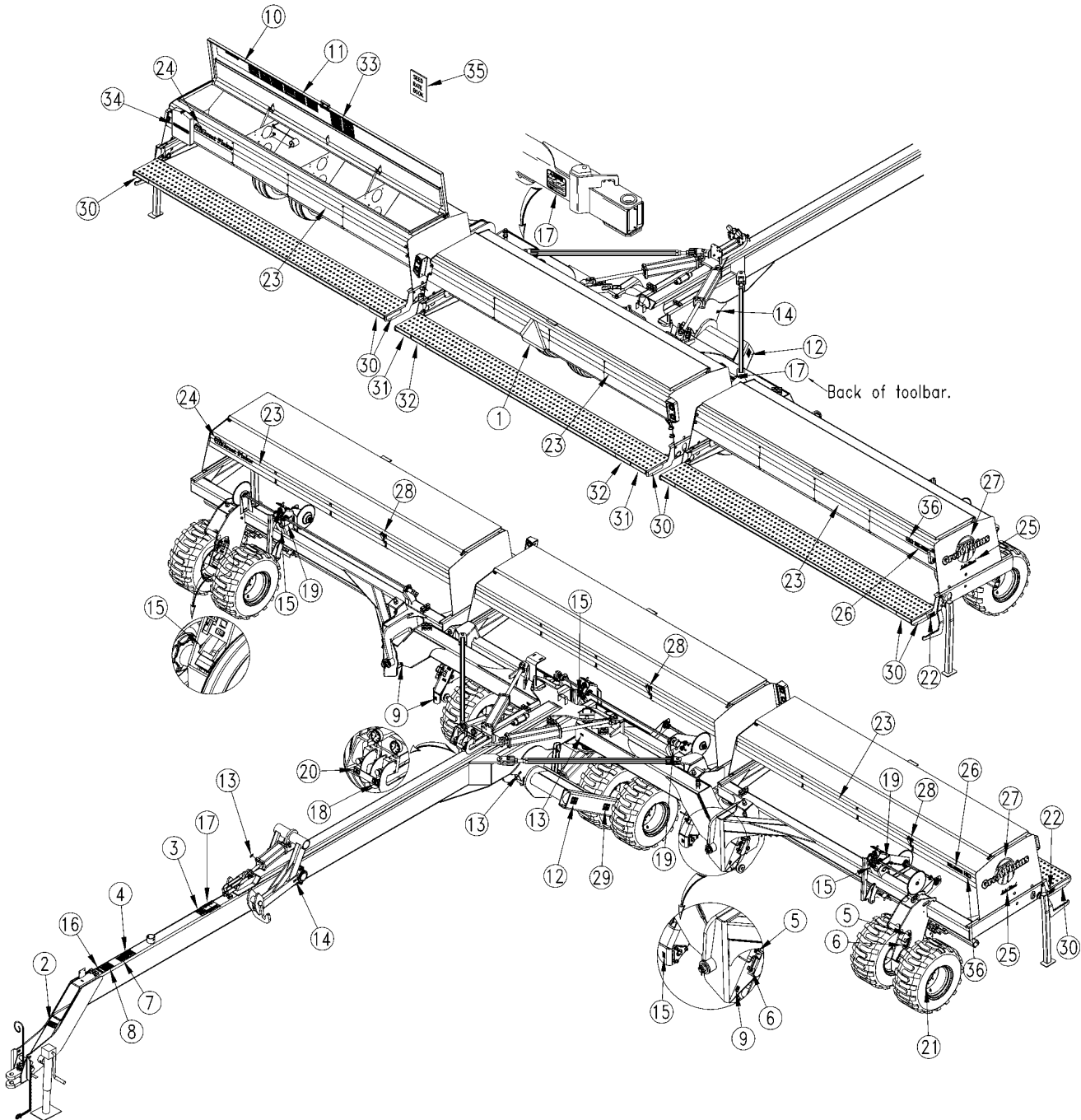
Point Row Control Box With Cables

(Applies to 3S-4000 HD, 3S-4000 HDF 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		

Decal Placement

(Applies to 3S-4000 HD, 3S-4000 HDF only)



26462

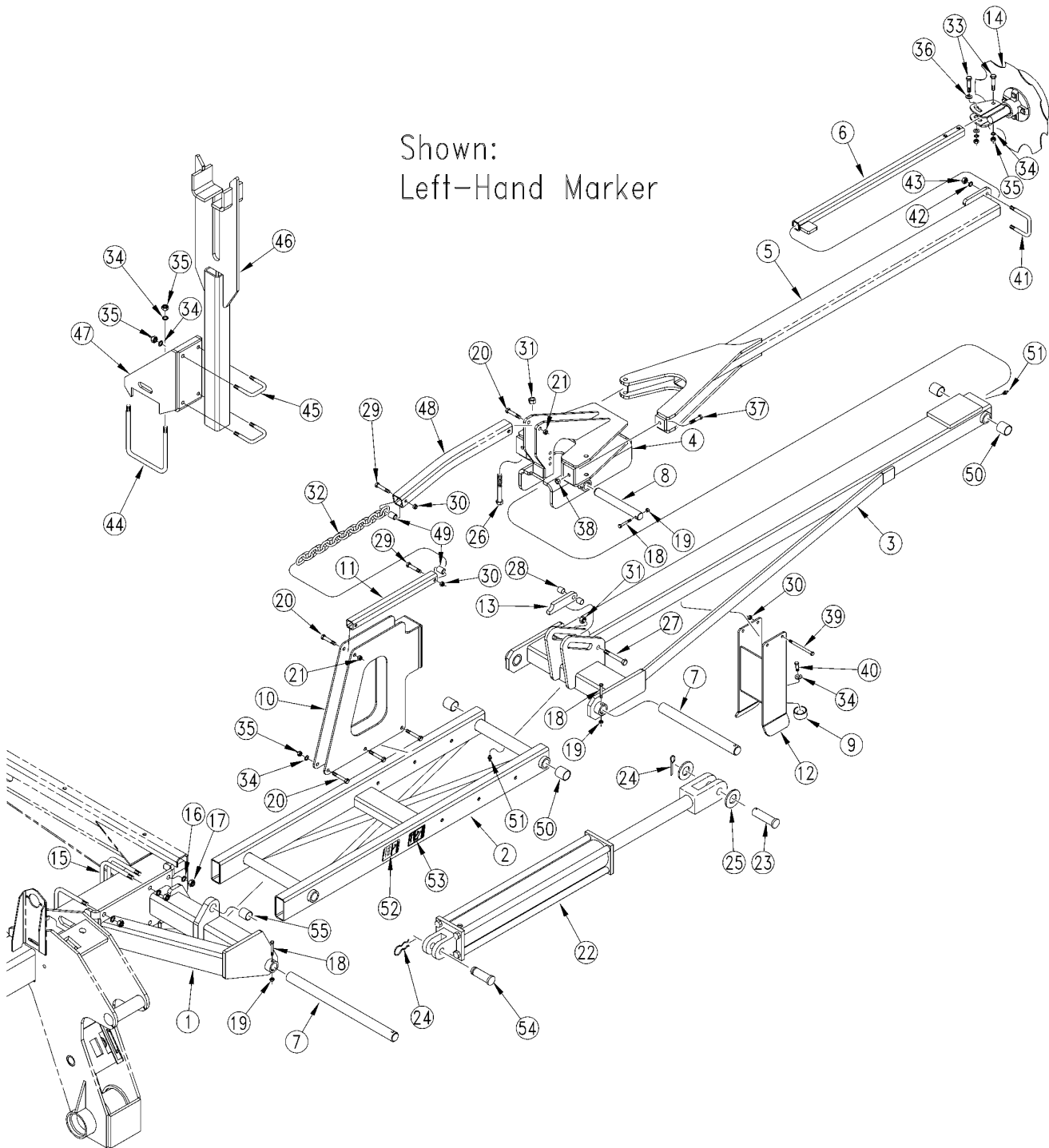
Decal Placement

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18821	Image No.		
1.	818-003C	DECAL SLOW MOVING VEHICLE		
2.	818-019C	DECAL WARNING NEG TONGUE WT		
3.	818-045C	DECAL WARNING PINCH PT/CRUSH		
4.	818-078C	DECAL CAUTION FP-HC-MF-24&30		
5.	818-257C	DECAL TRANSPORT LOCK ROAD		
6.	818-258C	DECAL TRANSPORT LOCK FIELD		
7.	818-337C	DECAL WARNING 20 MPH TRANS SML		
8.	818-339C	DECAL WARNING HIGH PRESSUR SML		
9.	818-349C	DECAL GREASE 10 HRS LH		
10.	818-369C	DECAL 3PT,2&3SEC SEEDRATE 1OF2	2003-	
11.	818-370C	DECAL 3PT,2&3SEC SEEDRATE 2OF2	2003-	
12.	818-398C	DECAL CAUTION TIRES NOT A STEP		
13.	818-400C	DECAL GREASE 50 HRS LH		
14.	818-401C	DECAL GREASE 50 HRS RH		
15.	818-402C	DECAL GREASE 10 HRS RH		
16.	818-557C	DECAL DANGER CANNOT READ ENG		
17.	818-660C	DECAL TRANSPORT LOCK WARNING		
18.	818-664C	DECAL CENTER SECTION		
19.	818-708C	DECAL DRIVE TYPE&CHAIN ROUTING		
20.	818-710C	DECAL WING SECTIONS		
21.	818-855C	DECAL CAUTION TIRE 36 PSI	Used with Rib Implement Tires	
21.	838-092C	DECAL CAUTION TIRE 60PSI/85FT	Used with Skid Steer Tire	
22.	838-102C	DECAL WARNING FALLING HAZARD		
23.	838-160C	DECAL 3 COLOR STRIPE 2.50 WIDE		
24.	838-161C	DECAL LOGO&GP F/STRIPE 4 X 24		
25.	838-169C	DECAL SCRIPT SOLID STAND LARGE		
26.	838-206C	DECAL 3S-4000		
27.	838-229C	DECAL GREAT PLAINS ON LOGO LRG		
28.	838-237C	DECAL SEED LEVEL LH		
29.	838-259C	DECAL CAUTION TIRE 90 PSI/170	Used with Rib Implement Tires	
29.	838-426C	DECAL CAUTION TIRE 60 PSI/170	Used with Skid Steer Tire	
30.	838-265C	DECAL REFLECTOR AMBER 1 1/2X9		
31.	838-266C	DECAL REFLECTOR RED 1 1/2X9		
32.	838-267C	DECAL REFLECTR DAYTIME 1 1/2X9		
33.	818-371C	DECAL 3PT FERT RATE (METRIC)		
34.	838-482C	DECAL GP PLANTING COMPONENTS		
35.	195-242B	3S-4000 SEEDRATE BOOK	2004+	
36.	838-828C	DECAL HD		

Flat Fold Marker

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18794

Flat Fold Marker

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18794	Image No.		
1.	113-713H	3S-4000 MARKER MNT WLMT LH	Shown.	
1.	113-714H	3S-4000 MARKER MNT WLMT RH		
2.	113-715H	3S-4000 MARKER 1ST SEC WLMT		
3.	113-716H	3S-4000 MARKER 2ND SEC WLMT LH	Shown.	
3.	113-717H	3S-4000 MARKER 2ND SEC WLMT RH		
4.	113-792H	MARKER SHEAR BASE		
5.	113-794H	MARKER SHEAR ARM 4000		
6.	113-721H	3S-4000 MARKER EXT TUBE WLMT		
7.	113-686D	3S-4000 MARKER HINGE PIN LG		
8.	113-687D	3S-4000 MARKER HING PIN SHORT		
9.	816-170C	RD BUMP STOP 2 X 1 X 1/2-13		
10.	113-722H	3S-4000 MARKER TRANS BRC WLMT		
11.	113-685D	3S-4000 MARKER LIFT ARM		
12.	113-725H	3S-4000 MARKER REST BRKT WLMT		
13.	113-682D	3S-4000 MARKER CYL PIN LOCK		
14.	113-563S	MARKER DISC & HUB ASSEMBLY		
15.	806-039C	U-BOLT 5/8-11 X 6 1/32 X 7 3/4		
16.	804-022C	WASHER LOCK SPRING 5/8 PLT		
17.	803-021C	NUT HEX 5/8-11 PLT		
18.	802-138C	HHCS 5/16-18X2 1/4 GR5		
19.	803-011C	NUT LOCK 5/16-18 PLT		
20.	802-099C	HHCS 1/2-13X3 1/4 GR5		
21.	803-019C	NUT LOCK 1/2-13 PLT		
22.	810-423C	CYL 3X24X1.50 ROD (TIE ROD)	Refer to "Midway Hydraulic Cylinder (810-423C)" for breakdown.	
23.	805-131C	PIN CLEVIS 1 X 4 11/16 USABLE		
24.	805-058C	PIN COTTER 3/16 X 2		
25.	804-028C	WASHER FLAT 1 USS PLT		
26.	802-062C	HHCS 5/8-11X5 GR5		
27.	802-100C	HHCS 5/8-11X4 1/2 GR5		
28.	113-683D	3S-4000 MARKER CYL PIN SPACER		
29.	802-114C	HHCS 3/8-16X2 1/2 GR5		
30.	803-013C	NUT LOCK 3/8-16 PLT		
31.	803-024C	NUT LOCK 5/8-11 PLT		
32.	113-717D	CHAIN COIL 1/4 HIGH TEST 73 IN		
33.	802-039C	HHCS 1/2-13X3 GR5		
34.	804-015C	WASHER LOCK SPRING 1/2 PLT		
35.	803-020C	NUT HEX 1/2-13 PLT		
36.	804-017C	WASHER FLAT 1/2 USS PLT		
37.	802-589C	HHCS 7/16-14X2 GR5		
38.	803-200C	NUT HEX LOCK 7/16-14 PLT		
39.	802-381C	HHCS 3/8-16X6 GR5		
40.	802-032C	HHCS 1/2-13X3/4 GR5		
41.	806-162C	U-BOLT 3/8-16X 1 17/32 X 3 3/4		
42.	804-013C	WASHER LOCK SPRING 3/8 PLT		
43.	803-014C	NUT HEX 3/8-16 PLT		
44.	806-060C	U-BOLT 1/2-13 X 6 1/32 X 7 1/4		
45.	806-066C	U-BOLT 1/2-13X3 1/32X4		
46.	113-723H	3S-4000 MARKER TRANS REST WLMT		
47.	113-724H	3S-4000 MARKER TRANS MNT WLMT		
48.	113-790D	MARKER LIFT ARM TUBE BENT		
49.	123-199D	TUBE RND .62ODX.385IDX1.06 LG		
50.	890-143C	1 1/4 X 1 X 3/4 HDR BUSHING		
51.	800-001C	GREASE ZERK STRAIGHT 1/4-28		
52.	818-579C	DECAL WARNING PINCH/SHEAR HAZ		
53.	818-580C	DECAL WARNING OVERHEAD MKR HAZ		
54.	805-004C	PIN CLEVIS 1 X 2 3/4 USABLE LG		

Flat Fold Marker (continued)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
55.	890-005C	BUSHING CYL 1 1/4 X 1 X 1		

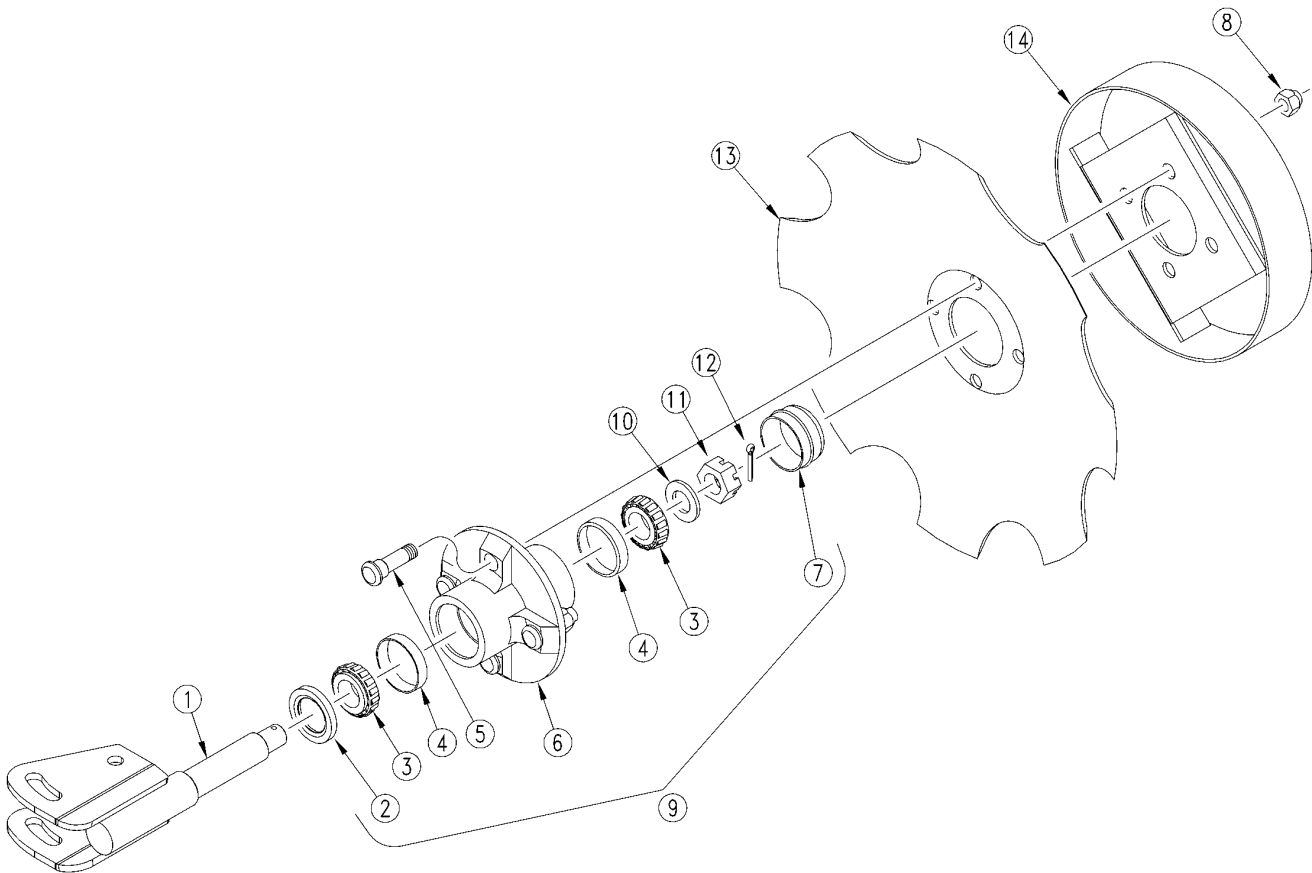
Flat Fold Marker (continued)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

This Page Intentionally Left Blank

Marker Disk And Hub (113-563S)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



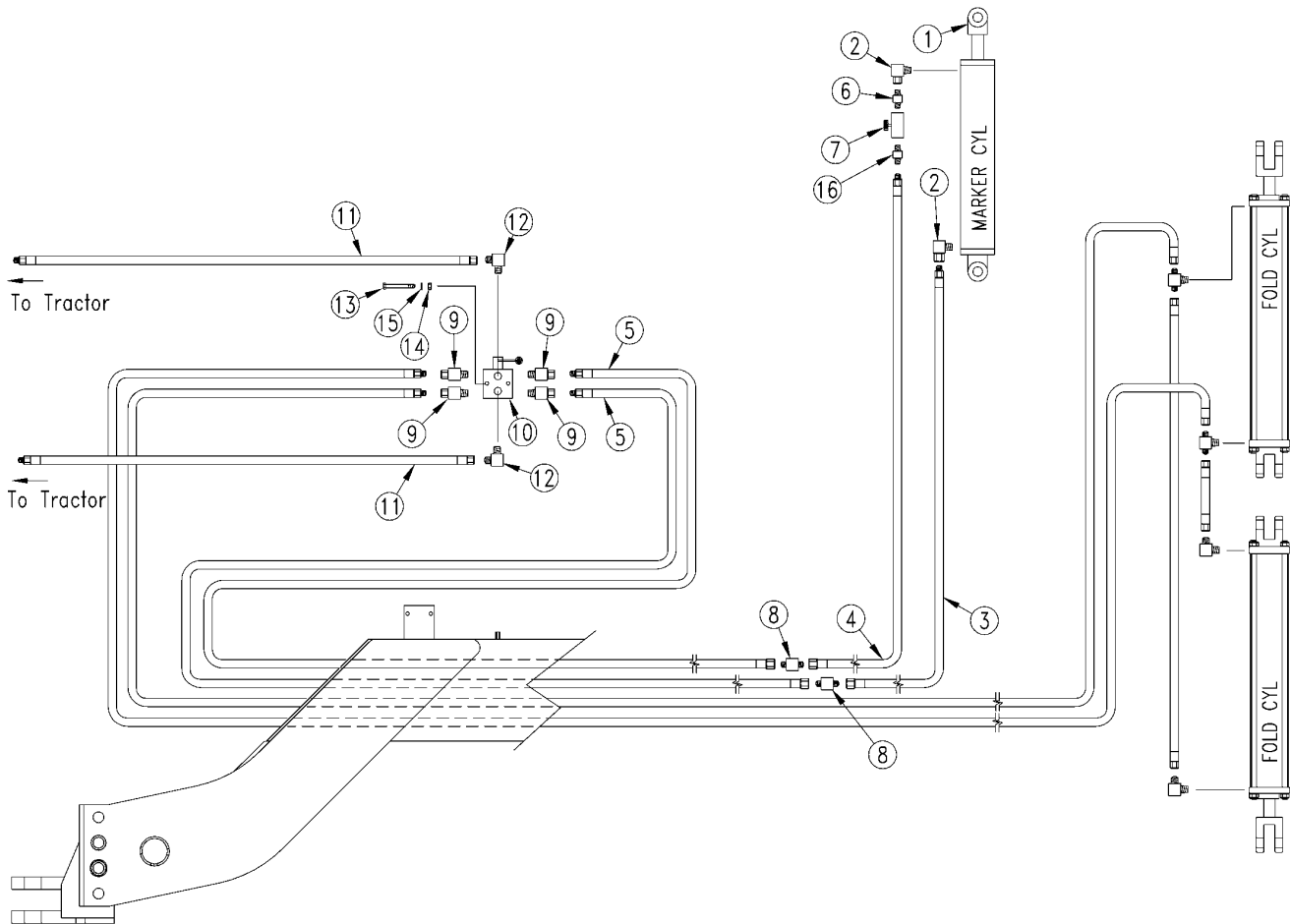
Marker Disk And Hub (113-563S)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18795	Image No.		
1.	113-562H	1 SPINDLE MARKER WELDMENT		
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.	BO-47	NEILSON STUD 1/2-20UNFX1 13/16		
6.	1-100-02-00	RELIABLE HUB 4 BOLT		
7.	890-614C	GREASE CAP #1505		
8.	803-159C	NUT LUG 1/2-20X60DEG PLT(.75AF		
9.	815-001C	TINE GW HUB		
10.	804-025C	WASHER FLAT 3/4 SAE PLT		
11.	803-053C	NUT HEX SLOTTED 3/4-16		
12.	805-019C	PIN COTTER 5/32 X 1 PLT		
13.	820-094C	16 4-BOLT NOTCHED MARKER DISK		
14.	113-369H	DEPTH BAND 10 4-BOLT 4B.C.		

Single Marker Hydraulics

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18823

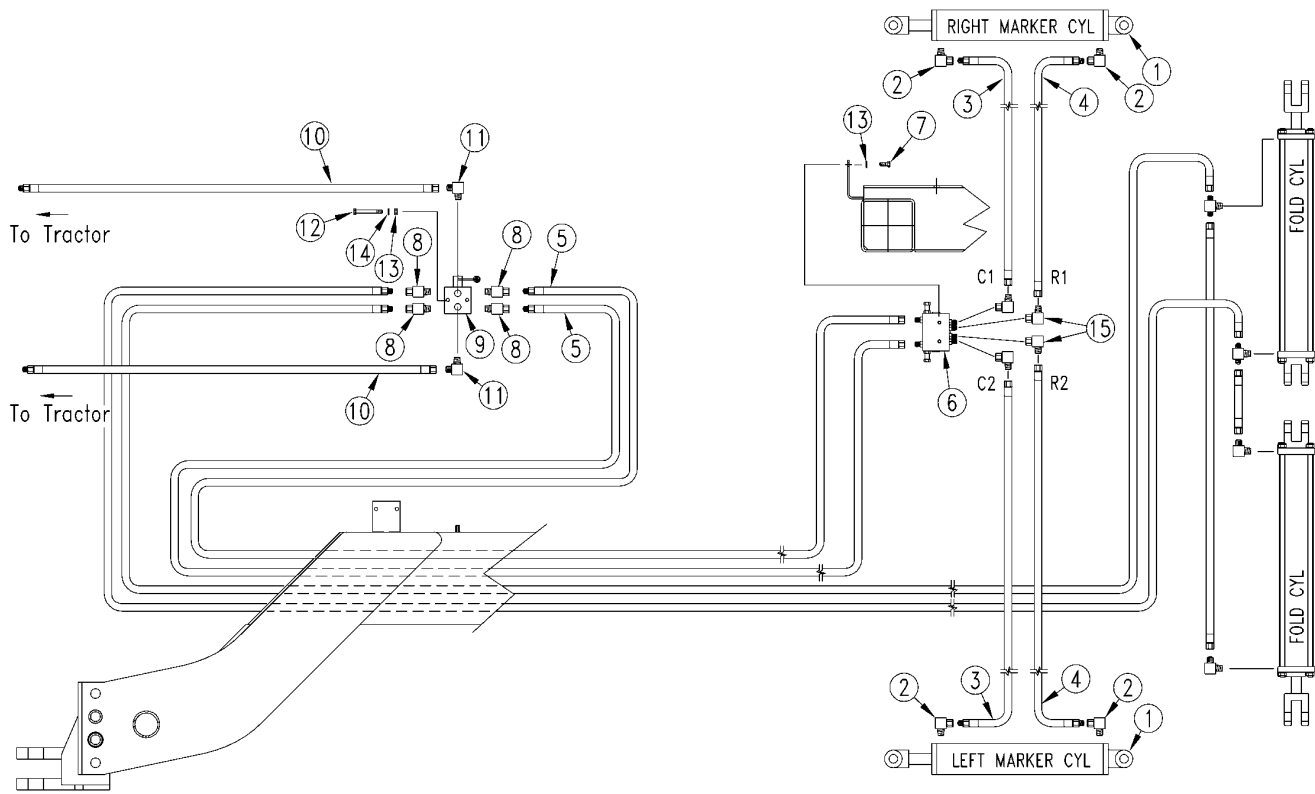
Single Marker Hydraulics

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18823	Image No.		
1.	810-423C	CYL 3X24X1.50 ROD (TIE ROD)	Refer to "Midway Hydraulic Cylinder (810-423C)" for breakdown.	
2.	811-281C	EL 3/8FNPT 9/16MORB		
3.	811-776C	HH3/8R1 270 9/16FJIC		
4.	811-777C	HH3/8R1 290 9/16FJIC		
5.	811-585C	HH3/8R1 408 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.	811-151C	AD 9/16MJIC 3/8MNPT		

Dual Marker Hydraulics

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18825

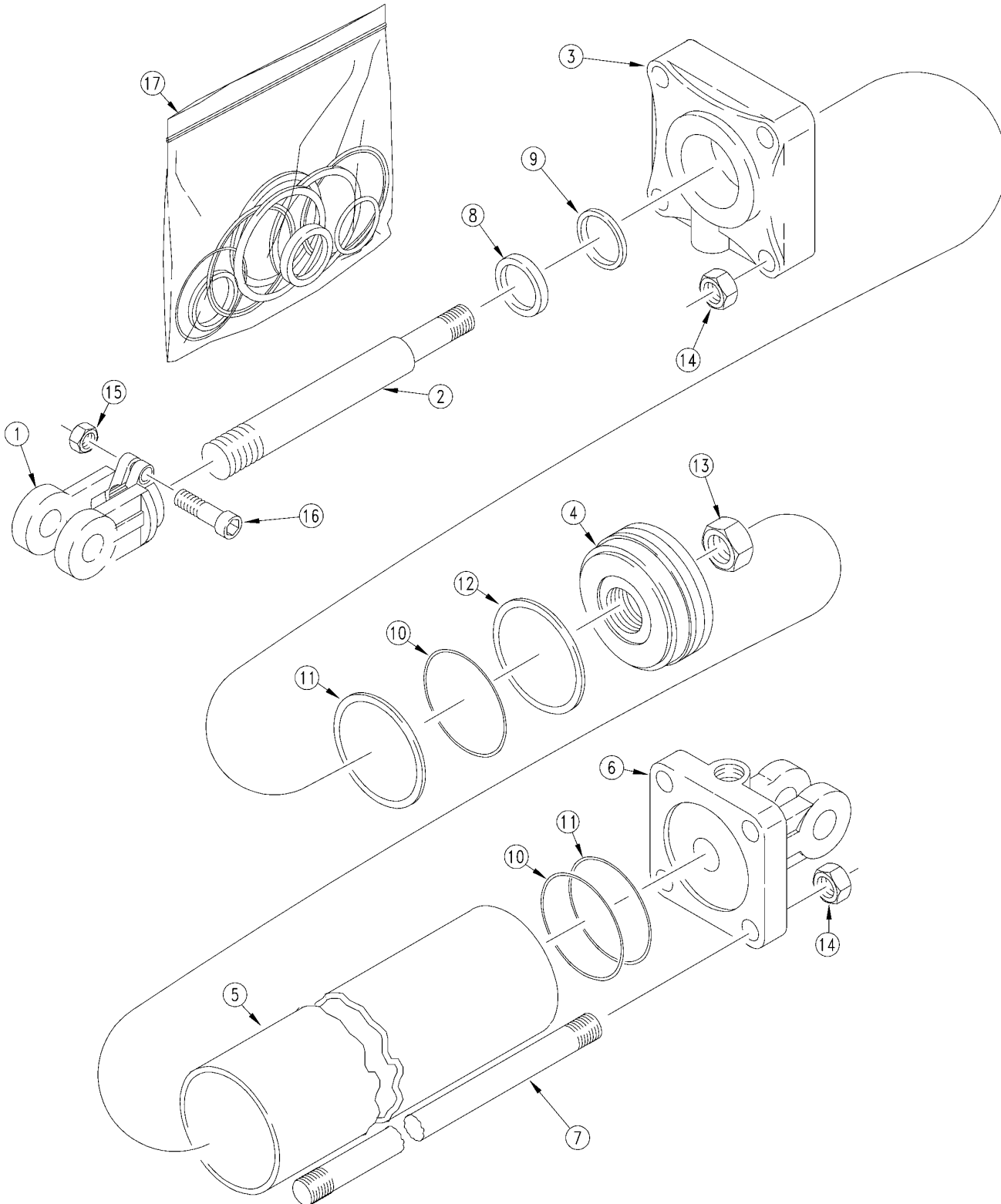
Dual Marker Hydraulics

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18825	Image No.		
1.	810-423C	CYL 3X24X1.50 ROD (TIE ROD)	Refer to "Midway Hydraulic Cylinder (810-423C)" for breakdown.	
2.	811-281C	EL 3/8FNPT 9/16MORB		
3.	811-776C	HH3/8R1 270 9/16FJIC		
4.	811-777C	HH3/8R1 290 9/16FJIC		
5.	811-585C	HH3/8R1 408 1/2MNPT 9/16FJIC		
6.	810-422C	VALVE,SEQ SHOEMAKER HI FLO	Refer to "Sequence Valve (810-422C)" 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		
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.	803-014C	NUT HEX 3/8-16 PLT		
14.	804-013C	WASHER LOCK SPRING 3/8 PLT		
15.	811-169C	EL 9/16MJIC 9/16FJIC		

Midway Hydraulic Cylinder (810-423C)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



18964

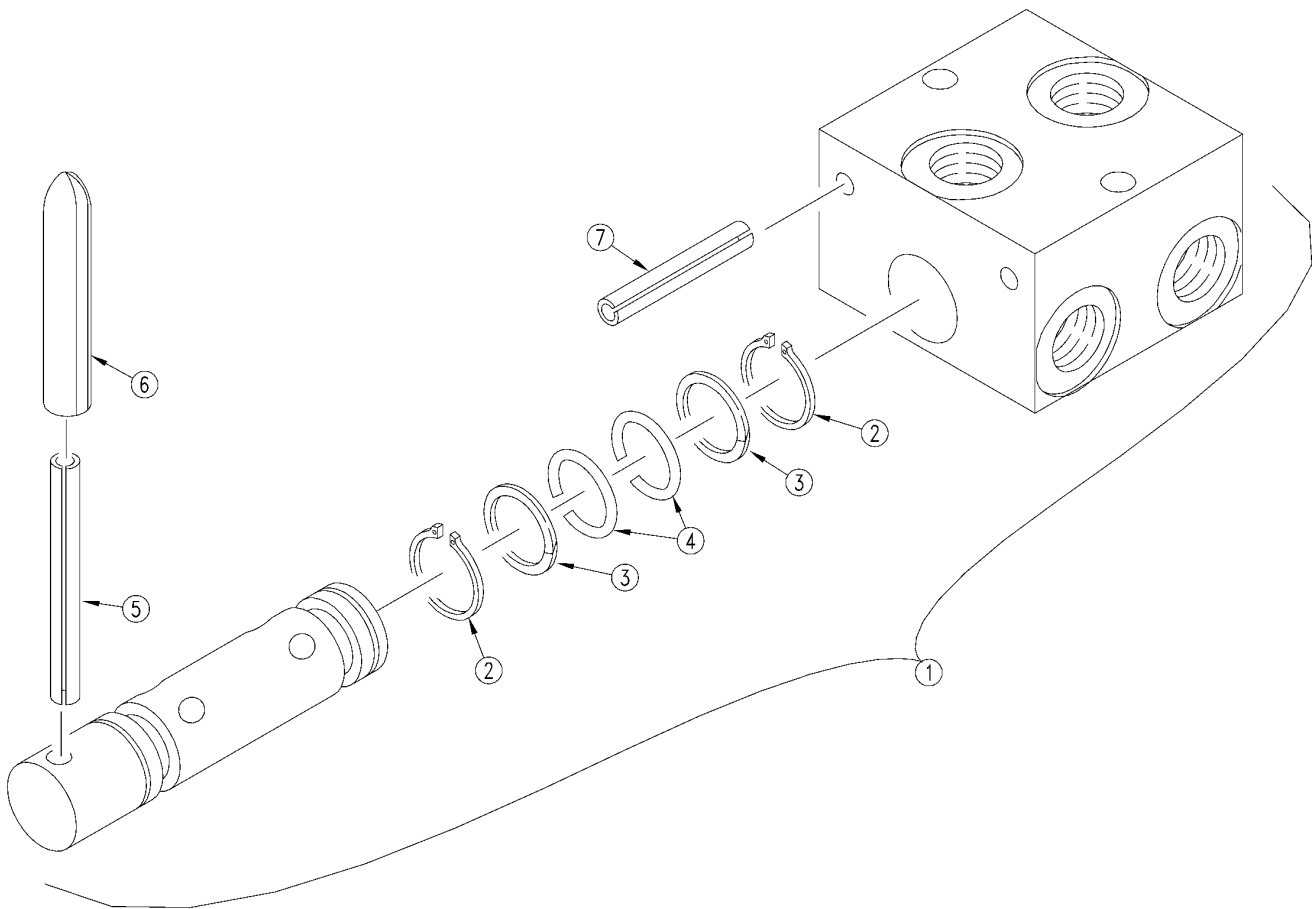
Midway Hydraulic Cylinder (810-423C)

(Applies to 3S-4000 HD, 3S-4000 HDF only)

Ref	Part No.	Part Description	Comments	Revision
	dwg18964	Image No.		
1.	1M7016	CLEVIS ROD MIDWAY		
2.	2M4532	MW ROD		
3.	3R1510	MW HEAD		
4.	4M4108	MW PISTON		
5.	5M4132	MW TUBE		
6.	6R1144	BASE MIDWAY		
7.	7M4332	MW TIE ROD		
8.		MW WIPER	Only found in seal kit 17	
9.		MW U-CUP	Only found in seal kit 17	
10.		MW O-RING	Only found in seal kit 17	
11.		MW BACKUP	Only found in seal kit 17	
12.		MW CROWN SEAL	Only found in seal kit 17	
13.	2A0024	MW PISTON NUT 1-14		
14.	2A0014	MW TIE ROD NUT		
15.	2A0012	RPBY 803-234C		
16.	2A0006	RPBY 802-023C		
17.	810-430C	SEAL KIT MW 3 CYL 5A4106		

Double Selector Valve (810-274C)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



14927

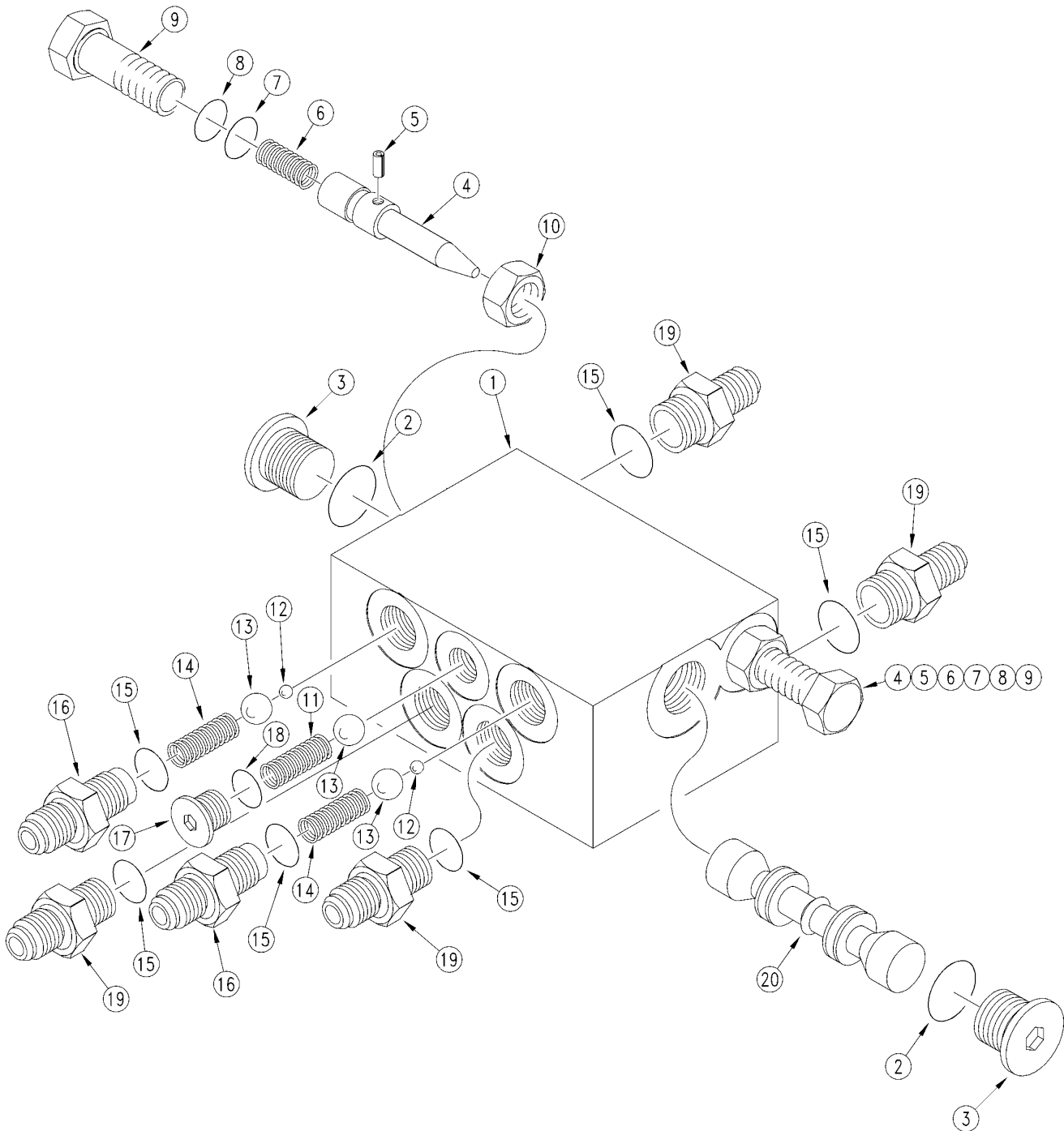
Double Selector Valve (810-274C)

(Applies to 3S-4000 HD, 3S-4000 HDF 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 (810-422C)

(Applies to 3S-4000 HD, 3S-4000 HDF only)



Sequence Valve (810-422C)

(Applies to 3S-4000 HD, 3S-4000 HDF 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.	2154	SHOEMAKER SPOOL, MKR SEQ. .076		



Part Number Index

The Part Number Index is a numeric index of all part numbers included in this manual. The index shows what page(s) the part is used on.

Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page
1-100-02-00	197	118-467D	71	133-128H	141	191-002D	43
1042	207	118-468D	73	133-153K	47	191-018D	43
107-111D	121, 123, 125, 127, 129, 131	118-508D	67, 69, 71, 73, 75, 77	133-155K	47	194-028H	17
107-137V	121, 123, 125, 127, 129, 131	1180	207	133-157K	47	194-058D	55
1079	205	1182	207	133-158H	47	194-059D	55
1084	205	119-153D	31, 33	133-163K	47	194-070D	9
1087-250	207	119-154D	31, 33	133-323H	105	194-106H	11
1087-437	207	119-190D	23, 25, 27, 47	133-324K	103	194-123K	61, 63
1088-011	207	120-198D	83	136-027D	101	194-129H	59, 61, 63
1088-210	205	120-247D	59, 61, 63	136-064D	99, 103	194-134H	21
1088-905	207	120825	139	136-078D	103	194-135H	49, 51
1088-906	207	121-004S	127, 129, 131	136-111D	85, 87, 91, 93, 95, 97	194-155H	61, 63
1088-908	207	121-005S	121, 123, 125	136-122D	85, 87, 91, 93, 95, 97	194-156H	59, 61, 63
1089-011	207	121-008H	123, 129	136-151D	99	194-179H	63
1089-210	205	121-044D	121, 123, 127, 129, 131	136-154D	103	194-180H	61
109-025H	65	121-047D	133	136-173D	91, 93, 95, 97	194-181H	59
109-069D	65	121-048D	133	136-207D	99	194-182H	25, 27, 97, 103
109-091D	67, 69, 71, 73, 75, 77	121-151D	121, 123, 125, 127, 129, 131	141-084D	43	194-183H	23, 27, 93, 103
1092-6	207	121-154D	121, 123, 125, 127, 129, 131	142-198D	121, 123, 125, 127, 129, 131	194-184H	21, 27, 103
1099	207	121-166D	125	148-613D	21, 23, 25, 27	194-187H	17
113-369H	197	121-169D	121, 123, 125	150-138D	21	194-188H	17
113-370D	9, 17, 23, 25, 27	121-176D	125, 131	152-044D	67, 69	194-189H	13
113-562H	197	1211	207	152-262D	111, 113, 117, 119	194-190H	9
113-563S	193	1217	207	152-263D	109	194-191H	57
113-682D	193	1218	207	152-390D	83	194-192H	57
113-683D	193	122-001S	121, 123, 125, 127, 129, 131	166-389D	105	194-194H	11
113-685D	193	122-003D	135	168-127D	107	194-195H	89
113-686D	193	122-004D	137	168-240D	87	194-198H	13
113-687D	193	122-006D	137	170-033H	9	194-249D	175
113-713H	193	122-041D	153, 155	170-034H	9	194-270D	19
113-714H	193	122-094D	155	171-043D	53	194-273D	21, 25
113-715H	193	122-103S	155	171-101H	53	194-274D	21, 23
113-716H	193	122-110D	153	171-102H	53	194-401D	13
113-717D	193	122-117S	153	175-102H	43	194-402D	13
113-717H	193	122-120D	135	175-146H	31, 33	194-472D	17
113-721H	193	122-164D	135	175-180S	31, 33	194-473D	19
113-722H	193	122-166D	135	175-182H	43	194-495D	17
113-723H	193	122-178D	143	175-183H	43	194-516D	59, 61, 63
113-724H	193	122-179V	155	175-184H	43	194-525D	17
113-725H	193	122-197V	155	175-190S	37	194-526D	17
113-790D	193	122-198V	153	175-219H	27	194-527D	17
113-792H	193	122-250H	135	175-233D	67, 69, 71, 73, 75, 77	194-577D	17
113-794H	193	123-050H	45	175-280D	75, 77	195-007D	99
1132-05	207	123-113D	45	175-289D	37	195-062H	51
1132-08	207	123-116D	45	175-325D	35	195-063H	51
116-019D	81	123-118D	45	175-326D	35	195-064H	51
116-020D	81	123-199D	193	175-327D	35, 39	195-100D	21, 23, 25, 27
116-132K	79	123-356D	45	175-331D	35	195-101D	21, 23, 25, 27
116-181D	79	123-409D	45	175-332D	39	195-102D	21, 23, 25, 27
1179	207	123-410D	45	175-338D	43	195-108D	89
118-226S	67, 69, 71, 73, 75, 77	123-476H	45	175-341D	43	195-109D	85, 87, 103
118-336D	67, 69, 71, 73, 75, 77	123-491D	47	176-042S	111, 113, 115, 117, 119	195-121D	49
118-338D	73, 75, 77	123-492D	47	176-065D	115, 119	195-122D	49
118-341D	67, 69, 71, 73, 75, 77	123-832H	107	176-066D	85, 87, 115	195-124H	29
118-431D	67, 69	123-834H	45	176-076D	115	195-129H	89, 91, 93
118-432D	67, 69, 73	1285	205	176-078D	115	195-130H	109
118-433D	67, 69	129BXT821	139	176-080D	115	195-131H	109
118-434D	67, 69	129BXT827	139	176-084D	115	195-144D	109
118-437D	69, 71, 73	133-024D	107	181-064D	15	195-152D	89
118-438D	71, 73	133-056D	45	185-014D	11	195-152K	91, 95
118-440D	73	133-061H	45	188-001V	121, 123, 125, 127, 129, 131	195-153D	89
118-443H	65	133-062H	45	188-008V	135	195-153H	101
118-444H	65	133-063H	45	191-001D	43	195-154H	101
118-466D	73	133-064H	45			195-155H	101
		133-070D	49, 51			195-156H	101
		133-101D	105			195-157D	89
						195-157H	101
						195-158H	101
						195-159D	21, 23, 25
						195-159H	101



Part Number Index (continued)

Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page
195-160D	21, 23, 25	196-272K	15	313-186D	31, 33	800-213C	121, 123, 125,
195-160H	119	196-273K	15	318917	81		127, 129, 131
195-169D	93	196-274K	83	318951	81	800-321C	141
195-170D	111	196-275K	83	39680008	187	800-322C	121, 123, 125
195-172D	85, 87, 95, 97	196-885D	175	3R0122	179	801-001C	45, 65
195-177S	33	197-001D	17, 19	3R1510	203	801-003C	45
195-181H	37	197-089D	29	3R5412	181	801-009C	43
195-182H	37	197-091D	29	3R5712	177	801-016C	79
195-183H	37	197-096D	29	3R6012	183	801-018C	49, 51
195-187K	93, 97, 99	197-148K	83	402-050D	93, 97	801-035C	45, 67, 69, 71,
195-188H	59, 61, 63	198-137D	145, 147, 149,	402-051D	93, 97		73, 75, 77
195-189D	95, 97		151, 153, 155	402-376D	93, 97	801-057C	67, 69, 71, 73,
195-192D	35	198-331D	121, 123, 127,	403-751D	93, 97		75, 77
195-193H	49, 51		129	404-121S	121, 123, 125,	801-067C	79, 87
195-194D	37	199-043H	147		127, 129, 131	801-076C	49, 51
195-197D	33, 35, 39	199-088H	145	404-170H	121, 127	801-081C	21
195-198D	33	199-089H	145	405-031D	145	801-084C	135
195-205D	27	1M6006	179	4M2102	179	801-096C	29
195-206D	27	1M7016	177, 181, 183,	4M4108	203	801-141C	135
195-207D	27		203	4M6108	177, 181, 183	801-154C	29
195-208D	37	200-006D	15	500-090B	187	801-172C	87, 121, 123,
195-210D	101	202-189D	149, 151	5070	185		125, 127, 129,
195-222D	119	202-190D	153	5075	185		131
195-223K	41	202-274D	155	540017	81	801-199C	81
195-224K	41	206-014S	135	5M2116	179	802-004C	25, 45, 67, 69,
195-225K	41	2154	207	5M4132	203		71, 73, 75, 77,
195-229D	83	221-130H	127	5M6124	181		113
195-232H	91, 93, 95, 97	221-131H	121	5M6128	183	802-005C	37, 145, 147
195-234D	83	221-551S	133	61010016	187	802-007C	65, 143
195-236D	69	221-641H	129	61010039	187	802-010C	9, 175
195-237D	73	221-642H	123	61011003	187	802-012C	109
195-238D	77	221-694H	131	6R0032	179	802-014C	65, 67, 69, 71,
195-242B	25, 191	221-695H	125	6R1144	203		73, 75, 77, 201
195-243D	85, 87, 91, 93,	221-730S	125, 131	6R5162	181, 183	802-015C	31, 33, 137, 143
	95, 97, 103	248-251D	25	6R5164	177	802-017C	37, 51, 109, 111,
195-244D	67	253000	79	710425	81		113, 117, 119,
195-244H	21, 23, 25, 47	253001	79	770026	81		137
195-245D	71	253016	81	7M2316	179	802-022C	55
195-246D	75	253017	81	7M4332	203	802-023C	183
195-246K	85, 87	253100	81	7M6318	177	802-026C	167, 169
195-253H	65	253700	79	7M6324	181	802-030C	51
195-254D	109	253701	79	7M6328	183	802-032C	97, 193
195-256D	89	2A0006	177, 179, 181,	800-001C	13, 17, 61, 63,	802-034C	21, 23, 25, 27,
195-257D	85, 87, 103		203		89, 193		49, 51, 101, 103
195-258D	85, 87, 103	2A0012	177, 179, 181,	800-003C	65	802-039C	9, 91, 93, 95, 97,
195-259D	91		183, 203	800-004C	67, 69, 71, 73,		105, 193
195-260D	91, 93	2A0014	203		75, 77	802-041C	85, 87, 91, 93,
195-265D	83	2A0018	177, 181, 183	800-008C	121, 123, 127,		95, 97, 99, 101,
195-268D	101	2A0022	179		129		103
195-269H	101	2A0024	177, 181, 183,	800-009C	67, 69, 71, 73,	802-045C	121, 123, 125,
195-270D	99, 103		203		75, 77, 121, 123,		127, 129, 131
195-271D	99	2A0042	183		127, 129	802-055C	53
195-272D	97, 99	2A0052	181, 183	800-012C	35, 43	802-058C	147, 149, 151
195-272K	99, 103	2A0132	177, 179, 181,	800-016C	89	802-059C	145, 153
195-273S	99		183	800-028C	45	802-062C	193
195-280H	117	2A0208	177, 179, 181,	800-032C	43	802-068C	61, 63
195-310H	51		183	800-052C	81	802-069C	15
195-311H	51	2A0245	183	800-058C	59, 61, 63, 111,	802-078C	35, 39, 45
195-321S	93, 97	2A0275	183		113, 117, 119	802-079C	21, 23, 25, 27,
195-340D	51	2A0426	183	800-064C	21		43, 51, 109
195-351D	83	2A0458	183	800-073C	11, 17	802-082C	49, 59, 61, 63
195-352D	83	2M2316	179	800-082C	163, 165, 167,	802-088C	17
195-355D	83	2M4532	203		169, 171, 173	802-091C	99
195-375D	93, 97	2M6108	177	800-093C	135	802-092C	43, 45, 93, 97
195-376D	93, 97	2M6470	177	800-101C	29, 45	802-095C	59, 61, 63
195-398H	83	2M6526	181	800-107C	67, 69, 71, 73,	802-099C	193
196-112D	9, 17, 23, 25, 27	2M6628	183		75, 77	802-100C	193
196-136H	9	30102360	171, 173	800-112C	21, 79	802-103C	21
196-145V	13	30102754	187	800-121C	31, 33	802-104C	83
196-146D	175	3089	207	800-148C	21	802-106C	89
196-208K	15	313-176D	31, 33	800-177C	115	802-114C	193



Part Number Index (continued)

Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page
802-119C	155	803-011C	21, 23, 25, 31, 33, 193	804-006C	43, 45, 49, 51, 111, 113, 117, 119, 163, 165, 167, 169, 171, 173	804-113C	85, 87, 91, 93, 95, 97, 99, 101, 103, 105, 107
802-121C	121, 123, 125, 127, 129, 131	803-013C	167, 169, 175, 193	804-007C	35	804-134C	21
802-128C	11	803-014C	21, 23, 25, 27, 43, 47, 55, 109, 135, 137, 139, 193, 199, 201	804-009C	9, 17, 23, 25, 27, 43, 65, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 143, 175	804-154C	121, 123, 125, 127, 129, 131
802-130C	101	803-015C	51	804-010C	175	804-182C	83
802-138C	17, 21, 23, 25, 27, 193	803-016C	65	804-011C	17, 21, 23, 25, 27, 109, 167, 169	805-004C	193
802-139C	59	803-019C	193	804-012C	45, 65, 67, 69, 71, 73, 75, 77, 135, 137	805-016C	15, 65
802-148C	43, 45	803-020C	9, 11, 21, 23, 25, 27, 49, 51, 59, 61, 63, 89, 99, 101, 103, 107, 109, 193	804-013C	21, 23, 25, 27, 43, 47, 51, 55, 65, 67, 69, 71, 73, 75, 77, 109, 135, 137, 139, 193, 199, 201	805-019C	45, 197
802-151C	155	803-021C	17, 53, 105, 193	804-014C	51	805-020C	135
802-152C	111, 117, 119	803-024C	193	804-015C	9, 11, 21, 23, 25, 27, 49, 51, 59, 61, 63, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 109, 193	805-023C	67, 69, 71, 73, 75, 77
802-155C	17, 143	803-026C	15, 59, 61, 63	804-016C	11, 21, 47, 51, 89, 99, 107	805-024C	115
802-162C	105	803-027C	53, 61, 63	804-017C	9, 193	805-026C	113, 123, 129
802-163C	133	803-028C	17, 59, 61, 63	804-019C	53	805-030C	83
802-168C	175, 199, 201	803-029C	15	804-021C	65, 133	805-032C	49, 51
802-178C	17	803-031C	13, 59, 61, 63	804-022C	17, 53, 105, 145, 147, 149, 151, 153, 155, 193	805-058C	193
802-182C	15	803-032C	21	804-023C	53, 61, 63	805-067C	29, 89, 107
802-196C	37, 41, 65	803-034C	9, 57	804-025C	59, 61, 63, 197	805-069C	135
802-197C	153	803-035C	45, 65	804-027C	13, 59, 61, 63	805-076C	45
802-203C	21, 23, 25, 27, 47, 107	803-036C	85, 87, 91, 93, 95, 97, 99, 101, 103, 105, 121, 123, 125, 127, 129, 131	804-028C	193	805-083C	109
802-205C	13	803-037C	121, 123, 125, 127, 129, 131	804-029C	13	805-085C	17, 19
802-214C	107	803-049C	21	804-030C	9, 21	805-104C	11, 13, 57, 59, 61, 63
802-228C	121, 123, 125, 127, 129, 131	803-053C	197	804-031C	67, 69, 71, 73, 75, 77	805-109C	109, 121, 123, 125, 127, 129, 131
802-252C	17, 43, 135	803-058C	45	804-035C	17, 19	805-124C	11, 13
802-256C	93	803-064C	79, 87	804-036C	17, 31, 33, 65, 105	805-127C	121, 123, 125, 127, 129, 131
802-257C	81	803-068C	51	804-040C	65, 121, 123, 125, 127, 129, 131	805-131C	193
802-282C	85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 143	803-079C	17, 19	804-042C	45	805-148C	83
802-283C	13	803-088C	33, 35, 37, 41, 43, 65, 81, 145, 147, 149, 151	804-043C	79, 87	805-168C	125
802-347C	133	803-159C	197	804-044C	45	805-180C	85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 111, 117, 119
802-375C	33, 35, 37, 41	803-169C	21, 23, 25, 27, 47, 87, 107, 121, 123, 125, 127, 129, 131, 145, 147, 149, 151, 153, 155	804-046C	45	805-186C	121, 123, 127, 129, 131
802-377C	99	803-177C	27, 133, 143, 153, 155	804-048C	43	805-187C	57
802-381C	193	803-193C	121, 123, 125, 127, 129, 131	804-054C	133	805-197C	49, 51
802-387C	21, 23, 25, 27, 37	803-194C	67, 69, 71, 73, 75, 77	804-061C	85, 87, 103, 105	805-234C	121, 123, 125, 127, 129, 131
802-388C	47	803-199C	21, 23, 25, 27, 37	804-075C	29, 163, 165, 167, 169, 171, 173	805-236C	59, 61, 63
802-411C	31, 33, 139	803-200C	193	804-078C	135	805-240C	85, 87, 91, 93, 95, 97, 101
802-413C	87	803-208C	83	804-082C	11, 13	805-249C	83
802-418C	93, 97	803-209C	17, 31, 33, 37, 51, 141, 143	804-088C	79, 87	805-335C	121, 127
802-421C	145, 147, 149, 151, 153, 155	803-215C	109, 111, 113, 117, 119	804-095C	17, 83, 105	805-385C	121, 123, 125, 127, 129, 131
802-425C	31, 33	803-219C	15	804-098C	83	805-439C	125, 131
802-426C	21	803-239C	83	804-113C	85, 87, 91, 93, 95, 97, 99, 101, 103, 105, 107, 109, 143	806-020C	103
802-427C	141	803-263C	83	804-134C	21	806-039C	193
802-442C	27	803-293C	25	804-154C	121, 123, 125, 127, 129, 131	806-060C	99, 193
802-543C	9	803-310C	121, 123, 125	804-182C	83	806-066C	109, 193
802-544C	9	804-001C	65	804-182C	83	806-093C	53
802-550C	127, 129, 131	804-002C	45, 65	804-182C	83	806-162C	193
802-551C	163, 165, 167, 169, 171, 173	804-003C	45, 65	804-182C	83	807-072C	109
802-589C	193	804-004C	29, 45	804-182C	83	807-073C	9
802-617C	149			804-182C	83	807-097C	85, 87, 103, 115
802-618C	151			804-182C	83	807-101C	135
802-633C	43			804-182C	83	807-106C	31, 33, 121, 123, 125, 127, 129, 131
802-662C	61, 63			804-182C	83	807-188C	135
802-687C	83			804-182C	83	807-262C	121, 123, 125, 127, 129, 131
802-833C	133			804-182C	83	808-086C	43
803-001C	29, 45			804-182C	83	808-143C	85, 87, 91, 93, 95, 97, 99
803-003C	29			804-182C	83		
803-006C	43, 45, 49, 51, 163, 165, 167, 169, 171, 173			804-182C	83		
803-007C	37, 39, 45			804-182C	83		
803-008C	43, 65, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 109, 143			804-182C	83		



Part Number Index (continued)

Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page
808-146C	105		169, 171, 173,	814-104C	15	817-084C	121, 123, 125,
808-170C	107		199, 201	814-157C	149		127, 129, 131,
808-194C	103, 105	811-173C	161	814-158C	151		145, 147, 149,
808-240C	113, 119	811-181C	157, 175	814-159C	149		151, 153, 155
808-256C	85, 87, 91, 93,	811-183C	159	814-160C	151	817-086C	29
	95, 97, 103	811-193C	171, 173	814-174C	147	817-087C	65
808-257C	85, 87, 91, 93,	811-203C	187	814-177C	15	817-111C	115, 119
	95, 97	811-212C	163, 165, 167,	814-178C	83	817-191C	135
808-258C	85, 87, 91, 93,		169, 171, 173	814-206C	15	817-202C	29
	95, 97	811-216C	165, 169, 173	814-207C	83	817-255C	205
808-259C	85, 87, 91, 93,	811-231C	161	814-208C	15	817-273C	89
	95, 97, 105	811-249C	161	814-209C	83	817-296C	149
808-260C	101	811-272C	175	814-210C	15, 83	817-297C	151
808-287C	83	811-281C	199, 201	814-238C	145	817-321C	37
808-413C	83	811-286C	163, 165, 167,	814-244C	145	817-322C	37
808-450C	93, 97		169, 171, 173	815-001C	197	817-323C	43
810-013C	177	811-312C	161, 163, 165,	815-099C	15	817-324C	37
810-014C	183		167, 169, 171,	815-101C	15	817-328C	121, 123, 125,
810-020C	11, 161		173	815-103C	15		127, 129, 131
810-058C	199	811-315C	199	816-012C	83	817-330C	145, 147
810-060C	181	811-356C	163, 165	816-014C	197	817-347C	121, 123, 125,
810-274C	175, 199, 201,	811-362C	159	816-019C	15		127, 129, 131
	205	811-364C	163, 165, 167,	816-035C	15, 83	817-349C	121, 123, 127,
810-293C	171, 173		169, 171, 173	816-112C	45		129
810-298C	159	811-393C	167, 169	816-113C	45	817-350C	29
810-299C	59, 61, 63, 163,	811-394C	175	816-138C	83	817-423C	91, 93, 95, 97
	165, 167, 169,	811-397C	163, 165, 167,	816-170C	193	817-504C	45
	171, 173		169, 171, 173	816-173C	135	817-516C	25
810-300C	163, 165, 167,	811-416C	163, 165, 167,	816-239C	67, 69, 71, 73,	817-688C	121, 123, 127,
	169, 171, 173		169, 171, 173		75, 77, 121, 123,		129
810-301C	163, 165, 167,	811-430C	165, 169, 173		127, 129	817-697C	121, 123, 127,
	169, 171, 173	811-439C	163, 165, 167,	816-241C	21, 23, 25		129
810-303C	171, 173, 185		169, 171, 173	816-242C	89	817-704C	121, 123, 127,
810-310C	179	811-442C	161	816-278C	35		129
810-343C	159, 171, 173	811-470C	157, 159	816-291C	35, 39	817-806C	45
810-344C	171, 173	811-490C	157, 159	816-292C	43	817-869C	143
810-371C	167, 169	811-531C	171, 173	816-302C	125, 131	817-897C	125, 131
810-408C	189	811-574C	157, 159	816-306C	121, 123, 125,	818-003C	191
810-410C	163, 167, 171	811-579C	199, 201		127, 129, 131	818-019C	191
810-416C	13, 161	811-582C	171, 173	816-358C	141	818-045C	191
810-421C	17, 157	811-585C	163, 165, 167,	816-536C	121, 123, 127,	818-055C	49, 51
810-422C	201		169, 171, 173,		129	818-078C	191
810-423C	193, 199, 201		175, 199, 201	816-580C	133	818-257C	191
810-430C	203	811-627C	159	817-004C	67, 69, 71, 73,	818-258C	191
810-432C	163, 165, 167,	811-631C	163, 165, 167,		75, 77	818-337C	191
	169, 171, 173,		169, 171, 173	817-009C	45	818-339C	191
	189	811-632C	163, 167, 171	817-010C	45	818-349C	191
810-554C	165, 169, 173	811-636C	171, 173	817-022C	155	818-369C	191
811-021C	175, 199, 201	811-675C	171, 173	817-023C	155	818-370C	191
811-044C	199	811-677C	163, 165, 167,	817-025C	85, 87, 91, 93,	818-371C	191
811-057C	157, 161		169		95, 97, 99, 101,	818-398C	191
811-061C	159	811-713C	163, 165, 167,		103, 105, 107	818-400C	191
811-063C	175		169, 171, 173	817-026C	45	818-401C	191
811-064C	163, 165, 167,	811-724C	161	817-042C	25	818-402C	191
	169, 171, 173	811-774C	163, 165, 167,	817-053C	43	818-557C	191
811-065C	159, 163, 165,		169, 171, 173	817-062C	153	818-579C	193
	167, 169, 171,	811-775C	163, 165, 167,	817-063C	153	818-580C	193
	173		169, 171, 173	817-068C	67, 69, 71, 73,	818-660C	191
811-118C	163, 165, 167,	811-776C	199, 201		75, 77	818-664C	191
	169, 171, 173	811-777C	199, 201	817-069C	67, 69, 71, 73,	818-708C	191
811-133C	161, 163, 165,	811-796C	163, 165, 167,		75, 77	818-710C	191
	167, 169, 171,		169, 171	817-070C	67, 69, 71, 73,	818-855C	191
	173	812-236C	121, 123, 125,		75, 77	819-001C	65
811-140C	159		127, 129, 131	817-071C	67, 69, 71, 73,	819-041C	45
811-146C	163, 167, 171	812-366C	143		75, 77	819-109C	65
811-151C	199	812-367C	143	817-073C	67, 69, 71, 73,	820-094C	197
811-169C	159, 161, 201	812-394C	125, 131		75, 77	820-287C	121, 123, 125,
811-170C	159, 163, 165,	814-008C	83	817-074C	67, 69, 71, 73,		127, 129, 131
	167, 169	814-010C	155		75, 77	820-365C	133
811-171C	157, 159, 161,	814-034C	147	817-075C	67, 69, 71, 73,	820-431C	143
	163, 165, 167,	814-067C	153		75, 77	822-008C	65



Part Number Index (continued)

Part Number	Page	Part Number	Page	Part Number	Page
822-030C	197	890-610C	9	dwg21526	117
822-032C	85, 87, 89, 91, 93, 95, 99, 101, 103, 105	890-614C	197	dwg22968	165
822-036C	15	890-711C	85	dwg22969	169
822-037C	15	890-954C	93, 97	dwg22970	173
822-038C	15	891-061C	87	dwg22972	189
822-039C	15	891-062C	87	dwg24414	53
822-080C	197	891-137C	83	dwg24426	121
822-083C	43	990-109R	17	dwg24427	127
822-095C	153, 155	BO-47	197	dwg24428	139
822-103C	67, 69, 71, 73, 75, 77	CP2-10	185	dwg24429	135
822-117C	83	dwg-27008	141	dwg24430	147
822-118C	83	dwg10035	177	dwg24431	149
822-119C	85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105	dwg10249	115	dwg24432	151
822-126C	107	dwg12024	207	dwg24433	153
822-170C	145, 147, 149, 151	dwg14927	205	dwg24434	155
822-232C	133	dwg15473	157	dwg25012	159
823-059C	79	dwg15705	179	dwg26014	55
823-060C	79	dwg16465	119	dwg26460	137
823-076C	79	dwg16578	39	dwg27009	79
823-175C	189	dwg16579	35	dwg27020	175
823-184C	87	dwg16676	65	dwg27028	145
823-185C	189	dwg17027	187	dwg27411	103
823-190C	189	dwg17242	67	dwg27417	105
833-595C	81	dwg17243	69	dwg27420	107
833-596C	81	dwg17244	71	dwg27425	47
838-092C	191	dwg17245	73	dwg27429	45
838-102C	191	dwg17246	75	dwg27430	43
838-160C	191	dwg17247	77	dwg27446	97
838-161C	191	dwg18788	9	dwg27474	93
838-169C	191	dwg18789	11	dwg27493	133
838-206C	191	dwg18790	13	dwg27495	143
838-229C	191	dwg18791	15	dwg29468	129
838-237C	29, 191	dwg18792	17	dwg29469	123
838-259C	191	dwg18794	193	dwg31229	51
838-265C	191	dwg18795	197	dwg32129	131
838-266C	191	dwg18796	19	dwg32130	125
838-267C	191	dwg18797	161	dwg34220	81
838-426C	191	dwg18798	163	P502001	15
838-482C	25, 191	dwg18800	167	PRPIL-10-K-25	185
838-828C	191	dwg18801	171	VA-080002	79
841-077C	165, 169, 173	dwg18802	181, 183	VA-111005-1	87
85002333	187	dwg18803	21	VA-253307	79
85002946	171, 173	dwg18804	185	VA-267000	87
85020040	185	dwg18805	23	VA-267304	87
890-005C	194	dwg18806	25	VA-JX-B76	79
890-026C	43	dwg18807	29	VA-JX-B77	79
890-143C	193	dwg18808	31	VA-VMM253501	79
890-184C	9	dwg18809	83		
890-190C	67, 69, 71, 73, 75, 77	dwg18810	49		
890-193C	17	dwg18811	57		
890-221C	31	dwg18812	91		
890-305C	29	dwg18813	85		
890-308C	33	dwg18814	95		
890-311C	21	dwg18815	59		
890-312C	21	dwg18816	61		
890-321C	79	dwg18817	63		
890-349C	45	dwg18818	109		
890-350C	67, 69, 71, 73, 75, 77	dwg18819	111		
890-351C	87	dwg18820	89		
890-390C	21	dwg18821	191		
890-431C	21	dwg18822	113		
890-466C	121, 123, 125, 127, 129, 131	dwg18823	199		
		dwg18825	201		
		dwg18964	203		
		dwg19312	33		
		dwg19314	37		
		dwg19316	41		
		dwg21262	87		
		dwg21522	27		
		dwg21523	99		
		dwg21524	101		

This Page Intentionally Left Blank



Great Plains Mfg., Inc.
1525 E. North Street
Salina, Kansas 67401 USA

www.greatplainsmfg.com
