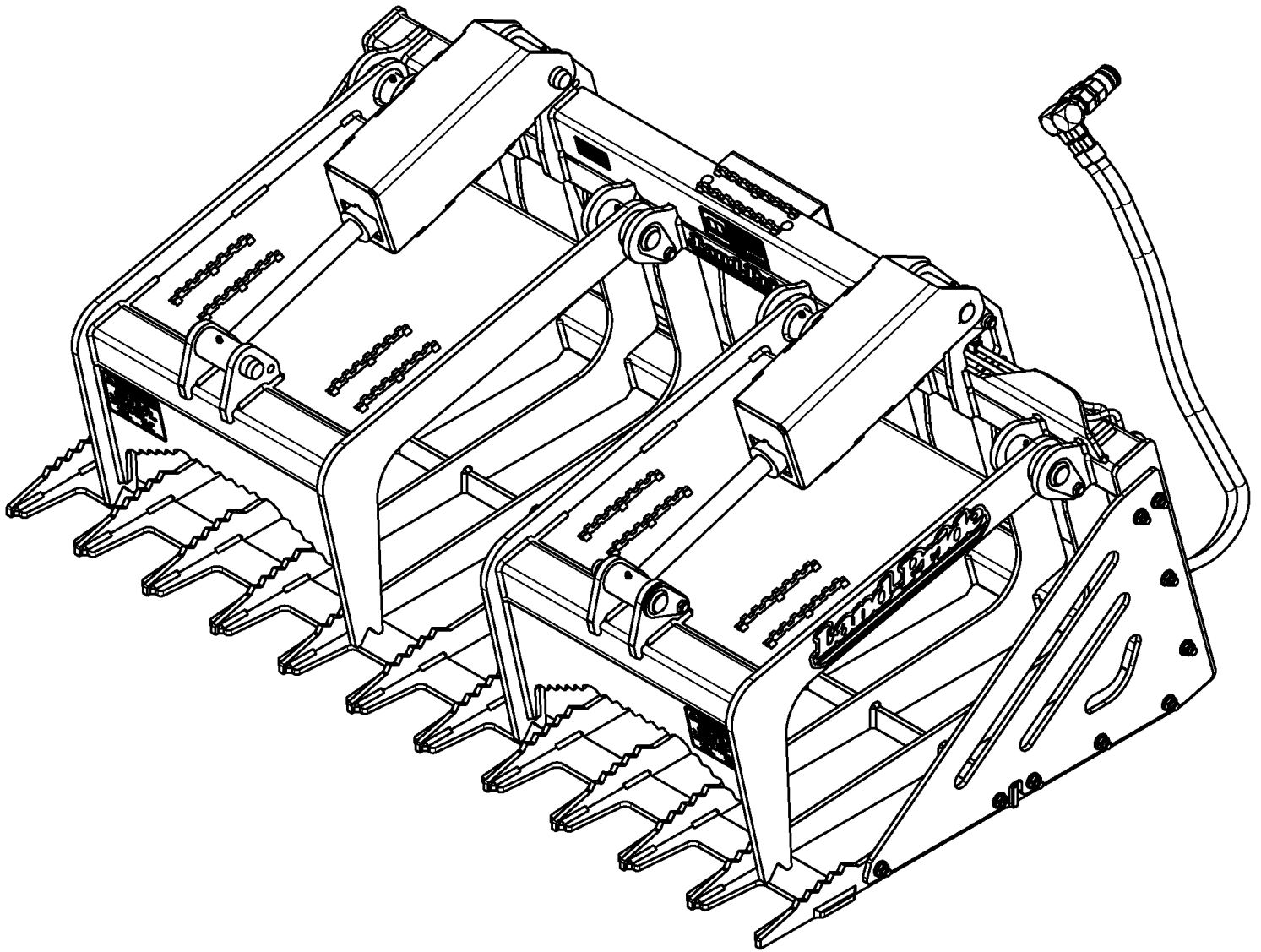


Skeleton Grapples

SGS1566 & SGS1578



380-053P Parts Manual



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!

© Copyright 2025 Printed 01/22/2025



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

Table Of Contents

Section 1: Introduction	2
<i>Using This Manual</i>	2
<i>Manual Replacement Information</i>	2
<i>Manual Revisions</i>	2
<i>Touch-up Paint</i>	2
<i>Hardware Legend</i>	3
<i>Replacement Hardware</i>	3
<i>Serial Numbers</i>	3
<i>Part Number Service Coding</i>	3
Section 2: Main Assembly	4
<i>Bucket & Grapple Hook</i>	4
<i>End Panels</i>	6
<i>Hydraulic Components</i>	8
<i>Hydraulic Cylinder (810-815C) Energy</i>	10
Section 3: Options & Accessories	12
<i>Hydraulic Cylinder Shield</i>	12
<i>Hydraulic Hose Option Kubota SVL</i>	14
<i>Third Function Hose Kit (380-150A)</i>	16
<i>Third Function Hose Kit (380-332A)</i>	18
<i>Upper Grapple Option</i>	20
Section 4: Decals	22
<i>Decal Placement</i>	22
<i>Land Pride Touch-up Paints</i>	24

This Page Intentionally Left Blank

Using This Manual

This manual is divided into sections. The first section contains General Information. The remaining sections divide the machine into segments (i.e. Frames, Drives, Hydraulics, etc.) which illustrate and list all parts. A Parts Number Index is located at the back of the book.

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

The information in this manual is current at time of 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 type of information contained on these pages.

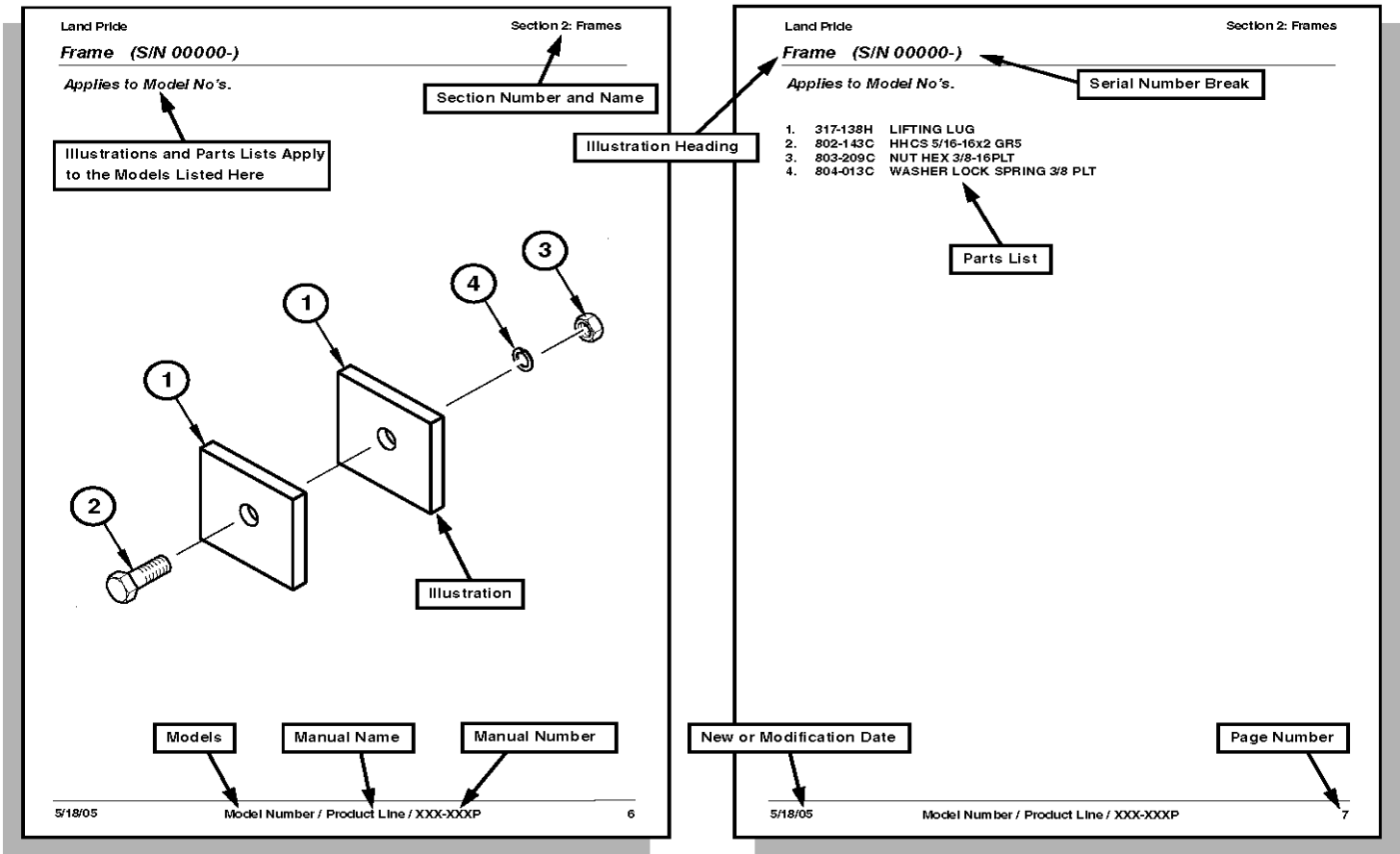
Manual Replacement Information

Replacement manuals are available. Refer to our website at www.landpride.com or e-mail us at lit@landpride.com for additional information. Our website continues to provide the most up-to-date manuals available.

Touch-up Paint

Repaint parts where paint is worn or scratched to prevent rust. Aerosol cans and touch-up bottles with brush applicator are available through your local dealer. Also available are quart and gallon size paints. Add QT or GL to end of the Aerosol P/N.

Land Pride color descriptions and part numbers are listed on the "Land Pride Touch-Up Paints" page in the "Decals" section of this book.



All rights Reserved

Land Pride 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, Land Pride assumes no responsibility for errors or omissions. Neither is any liability assumed for damages resulting from the use of the information contained herein. Land Pride 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. The illustrations in this manual are not intended for safe and proper assembly or disassembly of equipment. The illustrations are intended for ordering parts only.

Land Pride is a registered trademark.
All other brands and product names are trademarks or registered trademarks of their respective holders.
Printed in the United States of America.

General Information

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
CRFCHMS3	Cross Recess Flat Countersunk Head Machine 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
HSCHCS	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
PLW	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 list. 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.

Colored Replacement Parts

Land Pride offers replacement parts in factory standard colors and also on select models in Green, Orange, Red and Blue. Because of the variety of colors available, special attention must be given to the part number to prevent ordering the wrong replacement part.

A suffix number corresponding to one of the colors below must be added at the end of Land Pride's part number when ordering a replacement part with that color.

81 Green	83 Red
82 Orange	84 Blue

For example, if you are ordering a replacement part with part number 555-555C and the part you need is red, then add the suffix 83 to the end of the number to make the part number read 555-555C83. Parts ordered without a suffix number will be supplied in factory standard colors.

Black Replacement Parts

Some parts are factory standard black and some must be special ordered black. If your part is special ordered black, a second part number with the additional suffix number 85 on the end will be available. In this situation you must order that part with the suffix number for it to be black. Parts that are factory standard black will not have the suffix number.

Part Number Service Coding

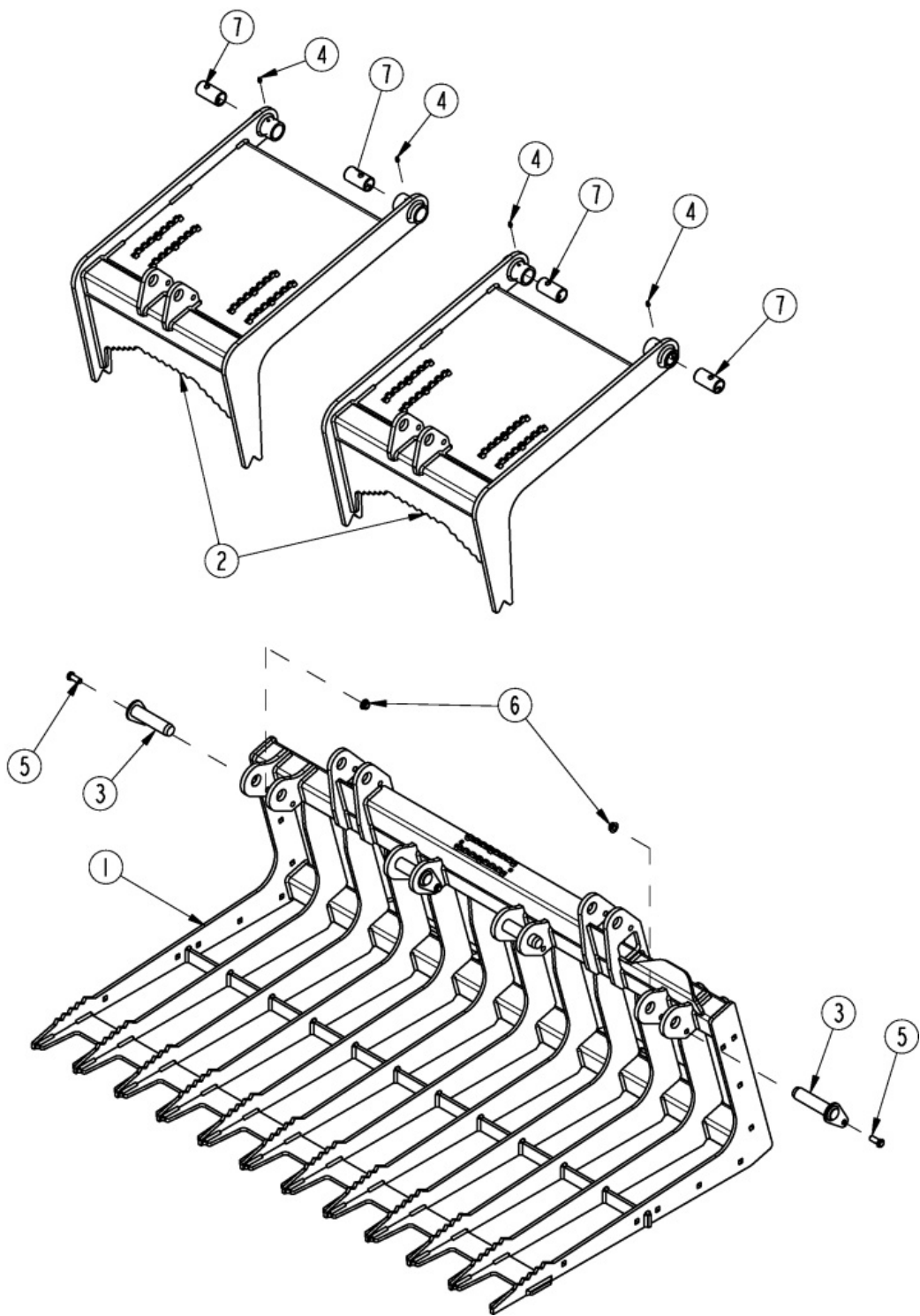
Within the parts list some part numbers are coded for revisions and interchangeability. See notations in revision column.

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

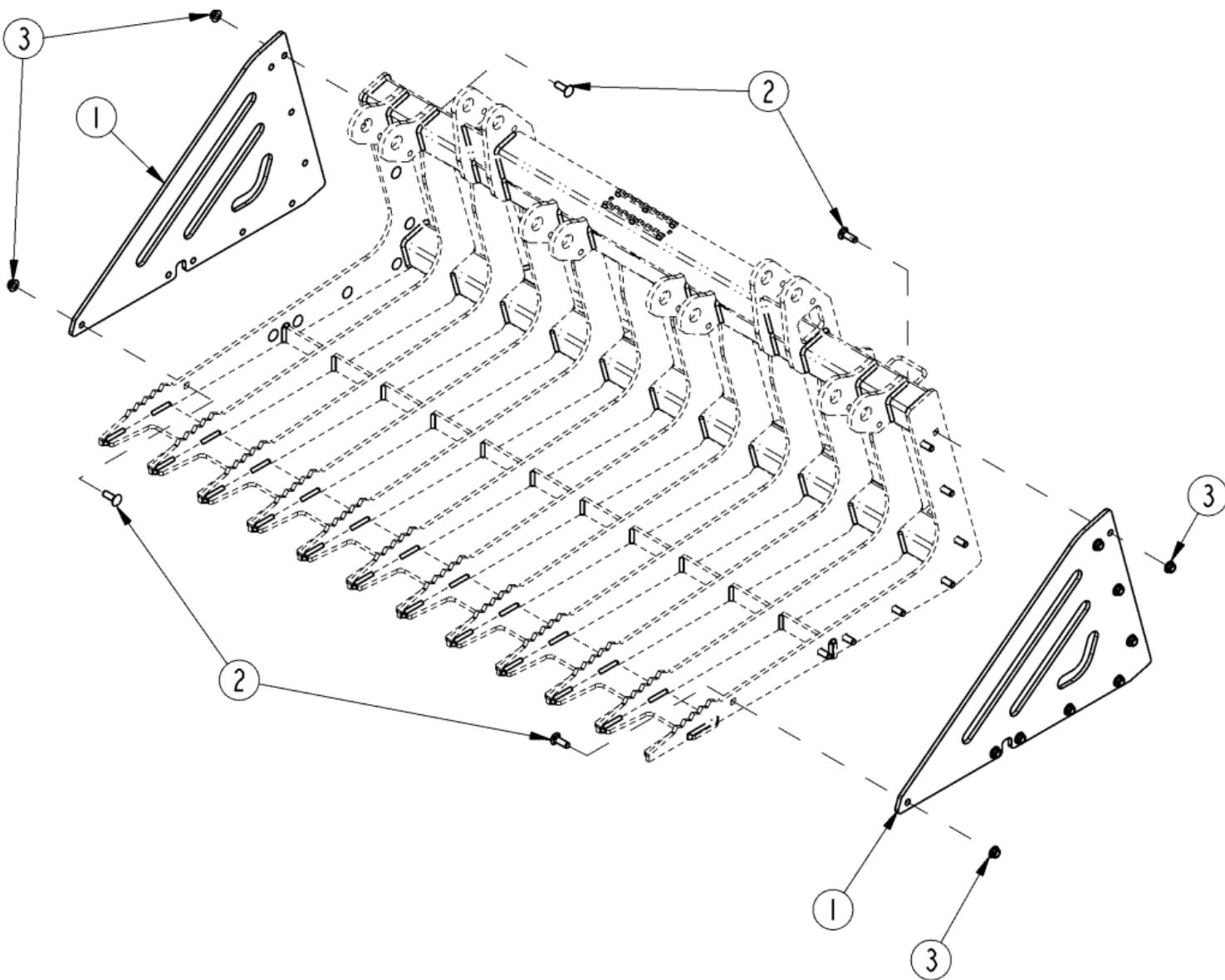
Applies to Models: SGS1566, SGS1578



Applies to Models: SGS1566, SGS1578

Ref.	Part No.	Part Description	Comments
	DWG 35164	Drawing Image Number	
1	380-014H	WLDMT, GRAPPLE BUCKET 66	SGS1566
1	380-021H	WLDMT, GRAPPLE BUCKET 78	SGS1578
2	380-015H	WLDMT, GRAPPLE CLAW	
3	380-020H	PIN, CYL SHIELD PIVOT	S/N 869712+
3	380-018H	WLDMT, PIVOT PIN	S/N 869711-
4	800-080C	GREASE ZERK 1/4-28 THD FORMING	
5	802-034C	HHCS 1/2-13X1 1/4 GR5	
6	803-169C	NUT HEX FLG LOCK 1/2-13 PLT	
7	890-389C	BUSHING 1.50ODX1.25IDX2.94	

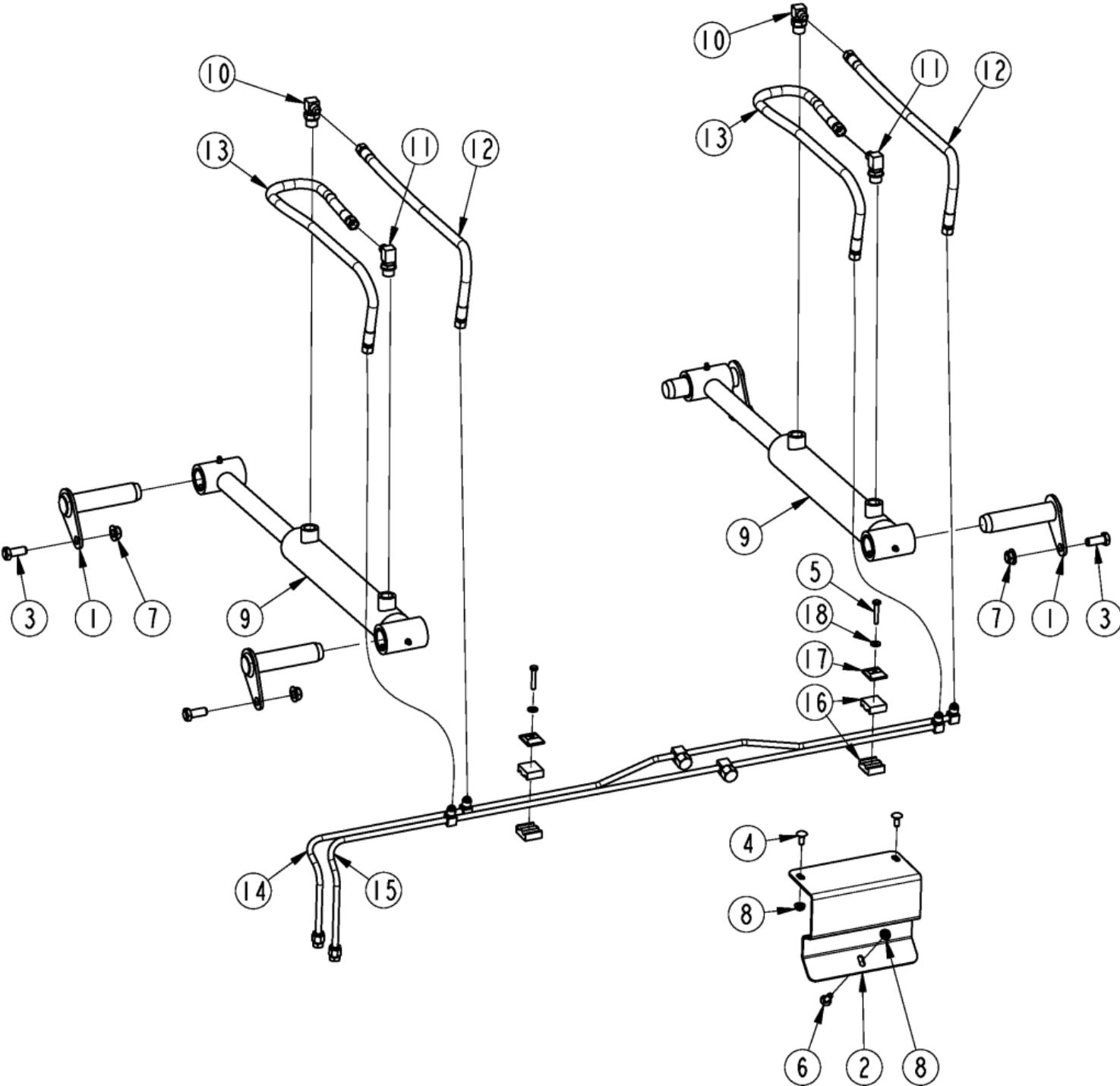
Applies to Models: SGS1566, SGS1578



Applies to Models: SGS1566, SGS1578

Ref.	Part No.	Part Description	Comments
	DWG 35267	Drawing Image Number	
	380-057A	KIT, SGS15 BOLT-ON END PANEL *	S/N 783835+ Has Mounting Holes S/N 783834- Requires Drilling
1	380-109D	END PANEL, SGS15 BOLT ON	
2	802-106C	RHSNB 1/2-13X1 1/2 GR5	
3	803-169C	NUT HEX FLG LOCK 1/2-13 PLT	

Applies to Models: SGS1566, SGS1578



Hydraulic Components

Applies to Models: SGS1566, SGS1578

Ref.	Part No.	Part Description	Comments
	DWG 70877	Image No.	
1	380-020H	PIN, CYL SHIELD PIVOT	
2	380-045D	COVER, HYD HOSE	
3	802-034C	HHCS 1/2-13X1 1/4 GR5	
4	802-092C	RHSNB 5/16-18X3/4 GR5	
5	802-224C	HHCS 1/4-20X1 1/4 GR5	S/N 1710461+
5	802-167C	HHCS 1/4-20X1 1/2 GR5	S/N 1330375 to S/N 1710460 (Requires 804-007C)
6	802-282C	RHSNB 5/16-18X1 GR5	
7	803-169C	NUT HEX FLG LOCK 1/2-13 PLT	
8	803-177C	NUT HEX FLG TP LK 5/16-18ZNYCR	
9	810-815C	CYL 2X8X1 1/4 ROD WELDED	
10	811-171C	EL 3/4MORB 9/16MJIC	S/N 1330375+
11	841-284C	OREL 1/16 9/16MJIC 3/4MORB	S/N 1330375+
12	851-756C	HH1/4R2 020 1/2 9/16FJIC	S/N 1330375+
13	851-757C	HH1/4R2 030 9/16FJIC	S/N 1330375+
14	861-148C	HYDRAULIC HARD LINE	S/N 1330375+
15	861-149C	HYDRAULIC HARD LINE	S/N 1330375+
16	891-798C	3/8 TWIN HOSE CLAMP	S/N 1330375+
17	891-800C	TWIN HOSE CLAMP TOP COVER	S/N 1330375+
18	804-007C	WASHER FLAT 1/4 SAE PLT	S/N 1330375 to S/N 1710460

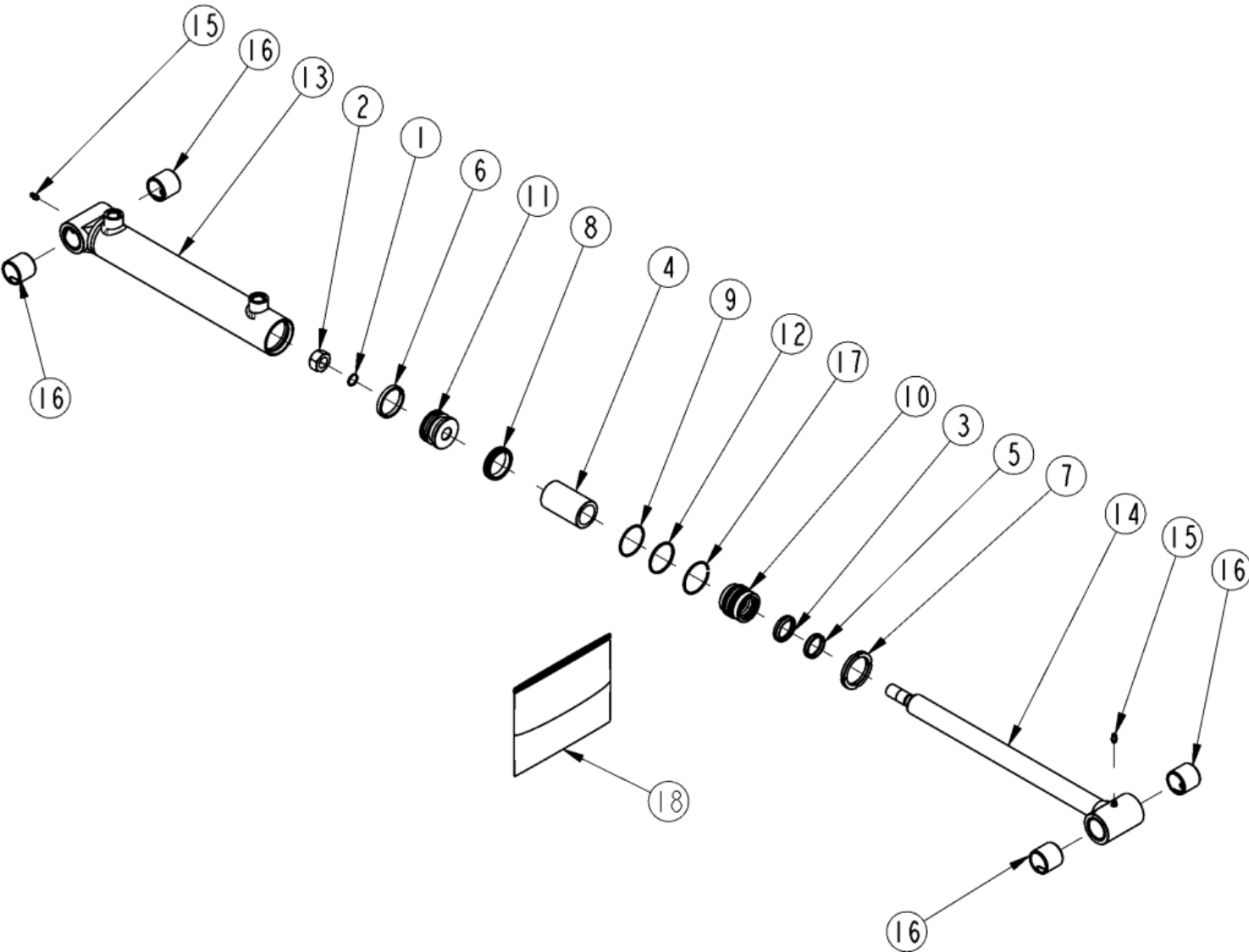
*

If the unit is S/N 1330374- you may have to refer to "Upper Grapple Option" in section 3 of this manual.

Land Pride
Hydraulic Cylinder (810-815C) Energy

Section 2: Main Assembly

Applies to Models: SGS1566, SGS1578



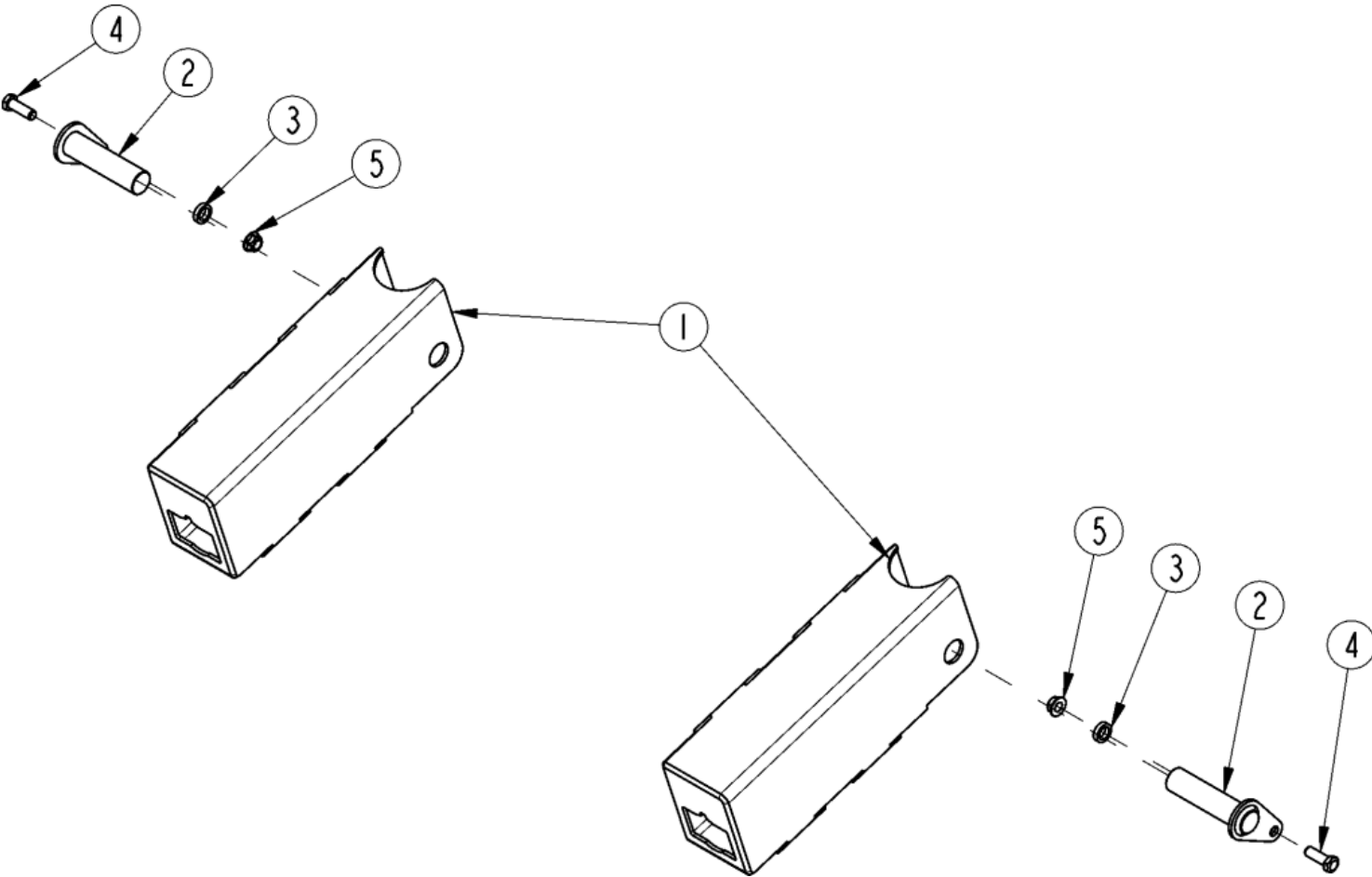
Hydraulic Cylinder (810-815C) Energy

Applies to Models: SGS1566, SGS1578

Ref.	Part No.	Part Description	Comments
	DWG 35173	Drawing Image Number	
	810-815C	CYL 2X8X1 1/4 ROD WELDED	Complete assembly
		*	
1	N/A	NOT AVAILABLE	Only available in Seal Kit #18
2	00082477	EGY NUT LOCK REG 3/4-16 GR C	
3	N/A	NOT AVAILABLE	Only available in Seal Kit #18
4	0A009944-03	EGY STOP TUBE 1.266IDX1.75ODX3	
5	N/A	NOT AVAILABLE	Only available in Seal Kit #18
6	N/A	NOT AVAILABLE	Only available in Seal Kit #18
7	14676A	EGY SPANNER NUT 0.25X2.375 OD	
8	N/A	NOT AVAILABLE	Only available in Seal Kit #18
9	N/A	NOT AVAILABLE	Only available in Seal Kit #18
10	16948B	EGY GUIDE 2.0 BORE-1.25 ROD	
11	16951B	EGY PISTON - 2.00 BORE	
12	N/A	NOT AVAILABLE	Only available in Seal Kit #18
13	44058C	EGY CYL BODY 2.00ID W/C 43983C	
14	44059C	EGY ROD 1.25 W/C 43984B(17.75)	
15	800-080C	GREASE ZERK 1/4-28 THD FORMING	
16	891-177C	BHG 1.50ODX1.25X1.38	
17	N/A	NOT AVAILABLE	Only available in Seal Kit #18
18	44430X	EGY SEAL KIT (810-815C)	

Hydraulic Cylinder Shield

Applies to Models: SGS1566, SGS1578

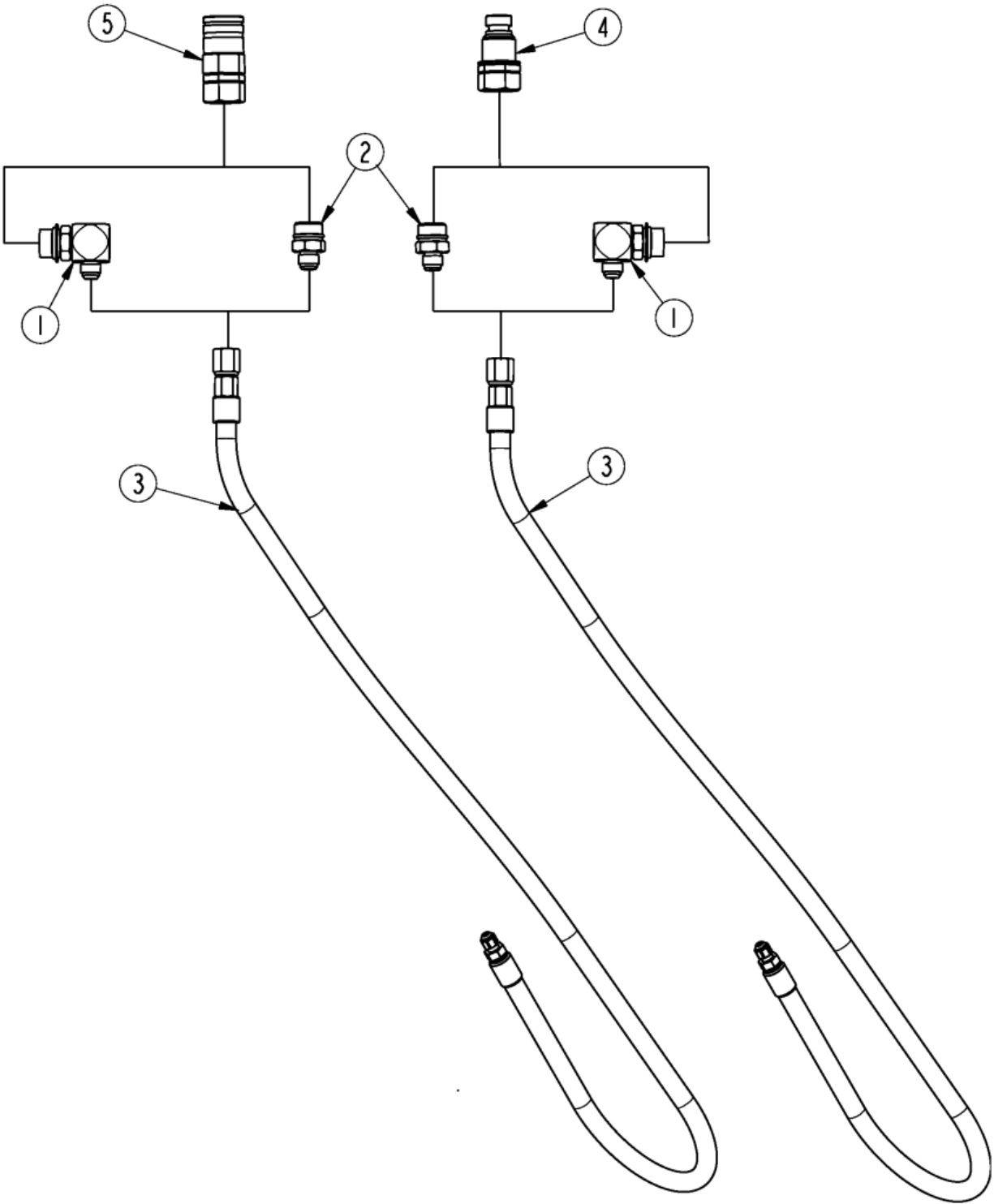


Hydraulic Cylinder Shield

Applies to Models: SGS1566, SGS1578

Ref.	Part No.	Part Description	Comments
	DWG 35160	Drawing Image Number	
	380-023A	SHIELD, HYD CYLINDER	
		*	
1	380-019H	WLDMT, HYD CYL SHIELD	
2	380-020H	PIN, CYL SHIELD PIVOT	
3	405-031D	1/4 PW SPACER 5/8 DIA	
4	802-091C	HHCS 1/2-13X1 1/2 GR5	
5	803-169C	NUT HEX FLG LOCK 1/2-13 PLT	

Applies to Models: SGS1566, SGS1578



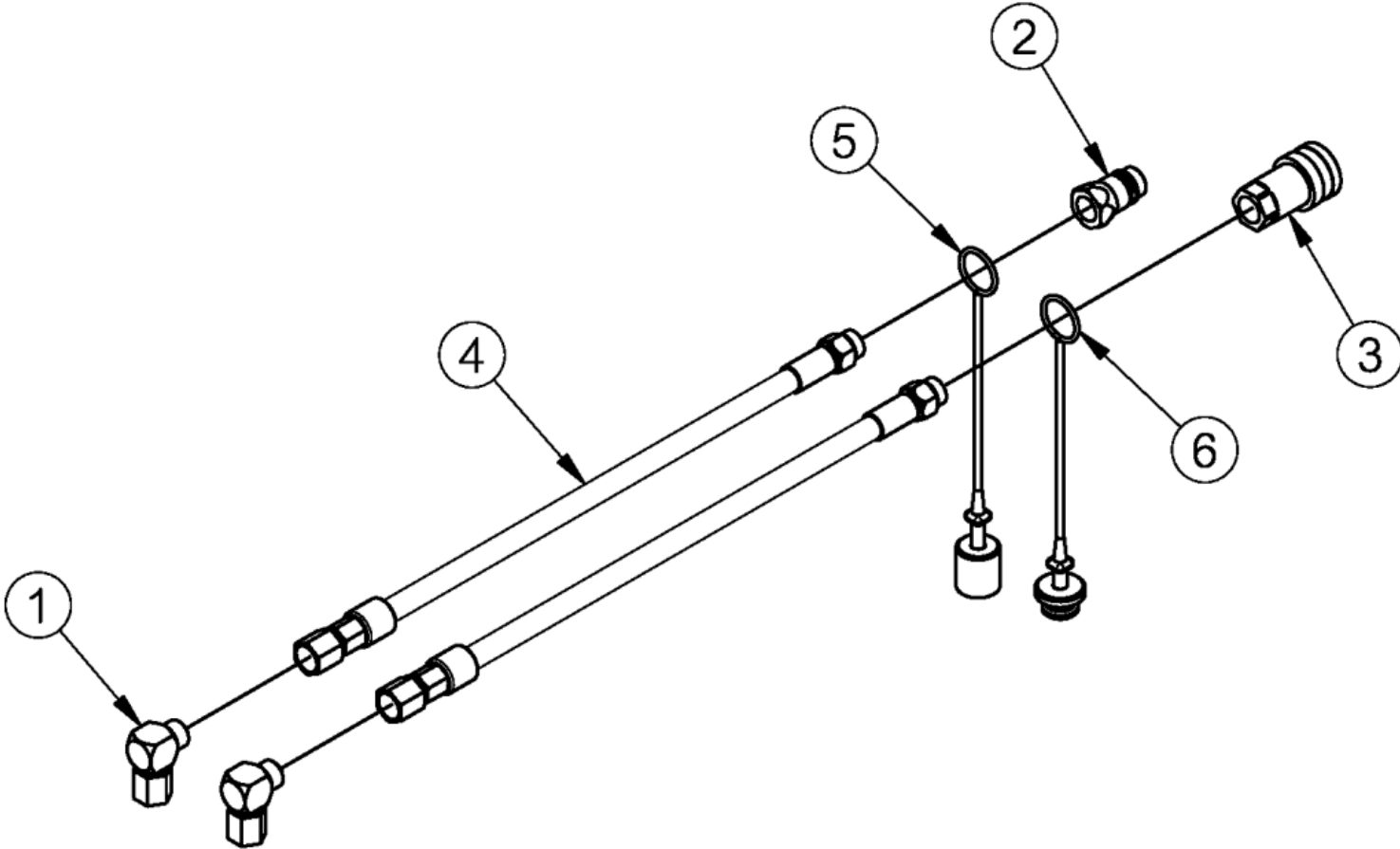
Hydraulic Hose Option Kubota SVL

Applies to Models: SGS1566, SGS1578

Ref.	Part No.	Part Description	Comments
	DWG 35269	Drawing Image Number	
	380-061A	HOSE BUNDLE, SKID STEER	
		*	
1	811-091C	EL 3/4MJIC 1 1/16MORB	As Required
2	811-205C	AD 3/4MJIC 1 1/16MORB	As Required
3	851-762C	HH3/8R2 059 3/4FJIC 9/16MJIC	S/N _____ +
3	841-828C	HH1/2R2 95 3/4FJIC (1)90 TUFF	S/N _____ -
4	851-947C	CUP 1 1/16FORB MALE QUICK CPLR	
4	811-744C	RPBY 851-947C	Obsolete
5	851-948C	CUP 1 1/16FORB FML QUICK CPLR	
5	811-745C	RPBY 851-948C	Obsolete

Land Pride
Third Function Hose Kit (380-150A)

Applies to Models: SGS1566, SGS1578

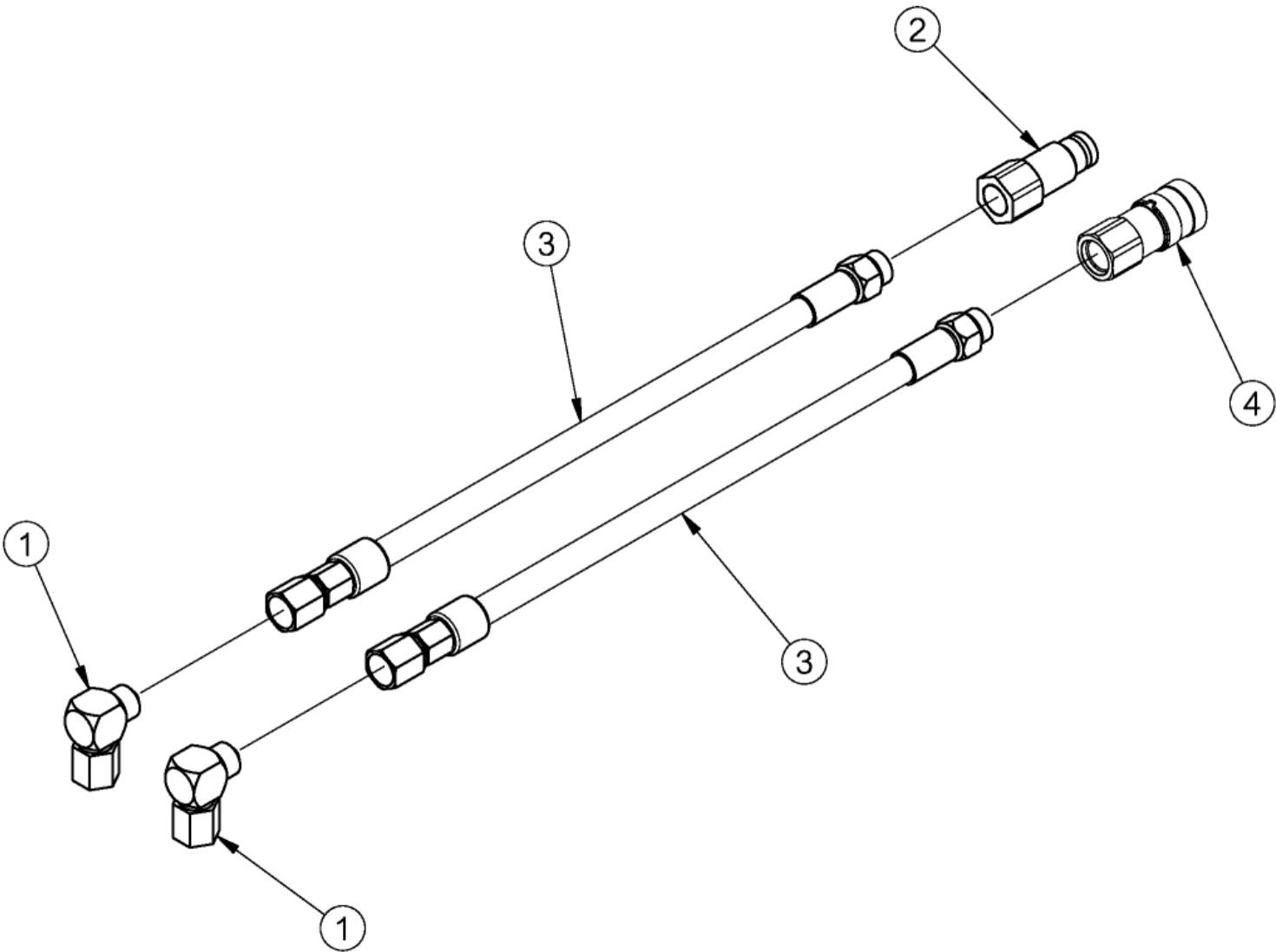


Applies to Models: SGS1566, SGS1578

Ref.	Part No.	Part Description	Comments
	DWG 37014	Drawing Image Number	
	380-150A	3FHK PC 44"	
		*	
1	811-150C	EL 3/4FJIC 3/4MJIC	
2	811-394C	CP 3/4FORB MALE QD POPPET TYPE	
3	811-870C	CP 3/4FORB QD FEMALE (POPPET)	
4	851-090C	HH3/8R2 044 3/4FJIC 3/4MORB	
5	861-540C	GREEN DUST CAP, 1/2" QD AG	
6	861-541C	BLACK DUST PLUG, 1/2" QD AG	

Land Pride
Third Function Hose Kit (380-332A)

Applies to Models: SGS1566, SGS1578

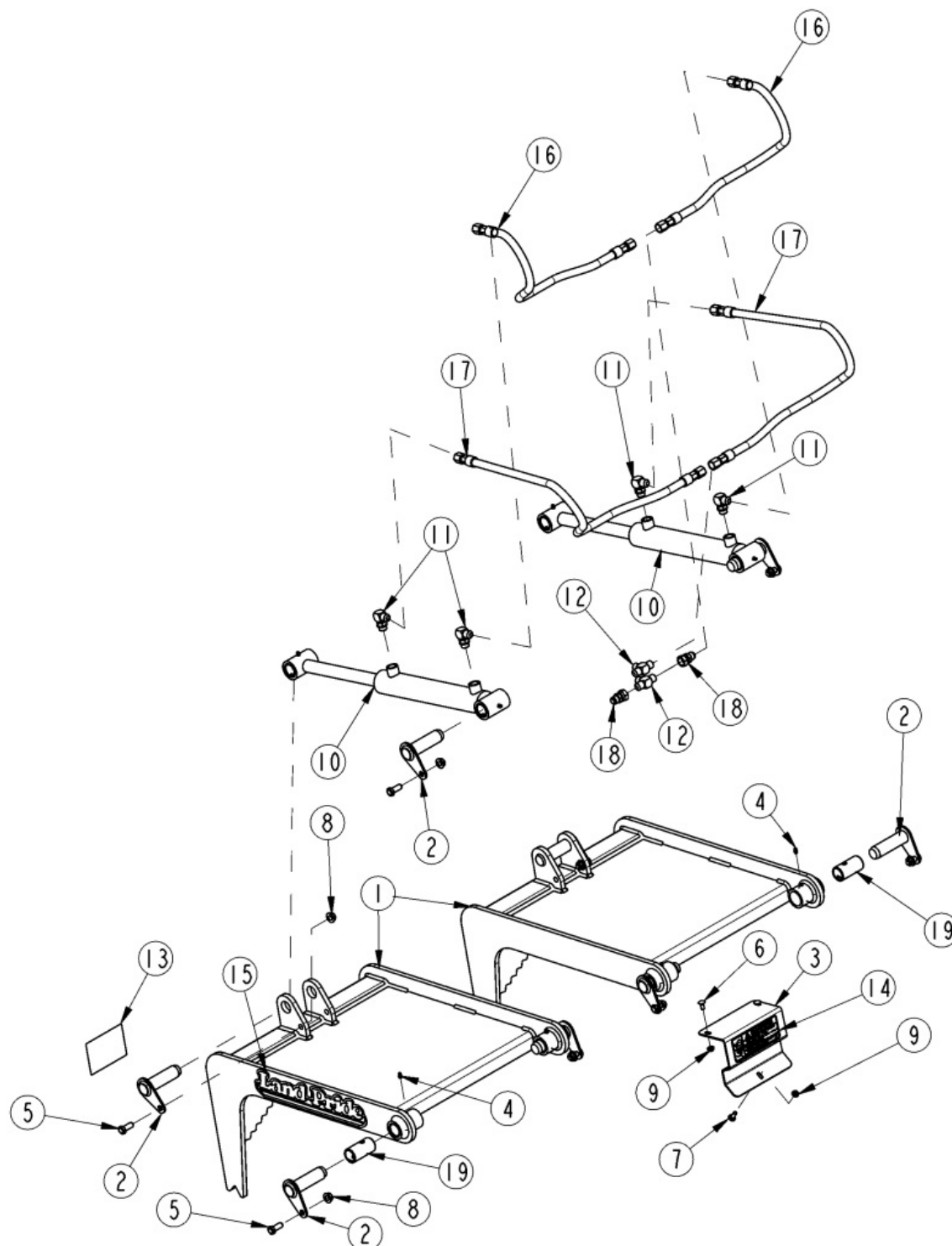


Applies to Models: SGS1566, SGS1578

Ref.	Part No.	Part Description	Comments
	DWG 76423	Image No.	
	380-332A	3FHK FF 44"	
		*	
1	811-150C	EL 3/4FJIC 3/4MJIC	
2	841-099C	CP 3/4FORB QD FLATFACE	
3	851-090C	HH3/8R2 044 3/4FJIC 3/4MORB	
4	861-543C	CP 3/4FORB QD FML FLATFACE	

Upper Grapple Option

Applies to Models: SGS1566, SGS1578

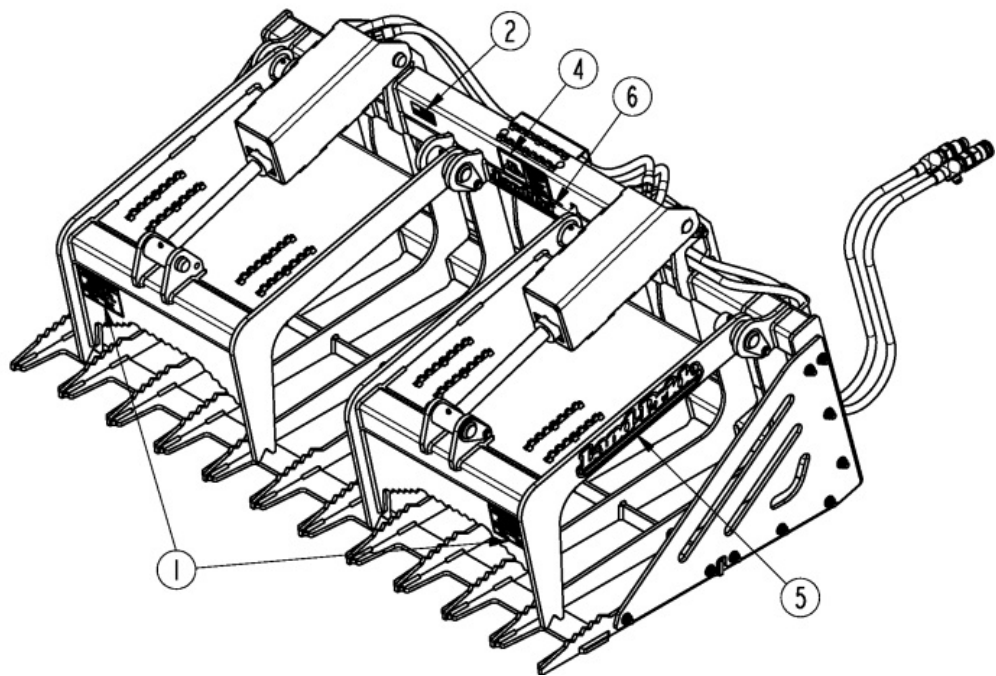
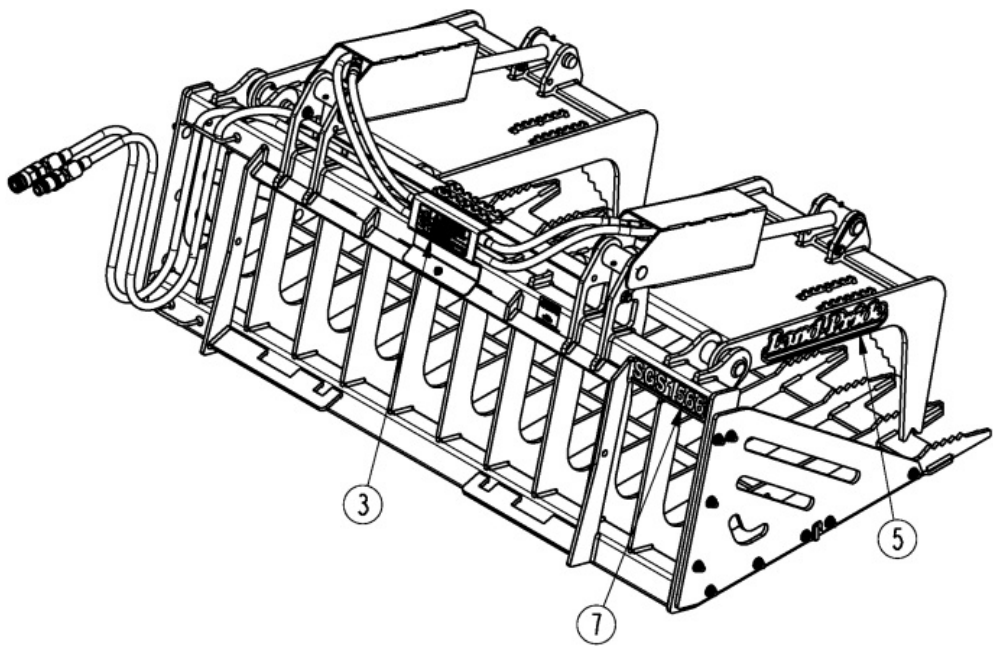


Upper Grapple Option

Applies to Models: SGS1566, SGS1578

Ref.	Part No.	Part Description	Comments
	DWG 35411	Drawing Image Number	
1	380-015H	WLDMT, GRAPPLE CLAW	
2	380-020H	PIN, CYL SHIELD PIVOT	S/N 869712+
2	380-018H	WLDMT, PIVOT PIN	S/N 869711-
3	380-045D	COVER, HYD HOSE	
4	800-080C	GREASE ZERK 1/4-28 THD FORMING	
5	802-034C	HHCS 1/2-13X1 1/4 GR5	
6	802-092C	RHSNB 5/16-18X3/4 GR5	
7	802-282C	RHSNB 5/16-18X1 GR5	
8	803-169C	NUT HEX FLG LOCK 1/2-13 PLT	
9	803-177C	NUT HEX FLG TP LK 5/16-18ZNYCR	
10	810-815C	CYL 2X8X1 1/4 ROD WELDED	
11	811-063C	EL 3/4MJIC 3/4MORB	
12	811-078C	TE 3/4MJIC	
13	818-045C	DECAL WARNING PINCH PT/CRUSH	
14	838-094C	DECAL WARNING HYD PRESS LONG	
15	838-965C	DECAL LANDPRIDE 16" BROWN/GOLD	
16	841-826C	HH1/2R2 26.5 3/4FJIC TUFF COAT	S/N 962982-
16	851-691C	HH1/2R2 021 3/4FJIC TUFF COAT	S/N 962983 to 1330374
17	841-827C	HH1/2R2 038 3/4FJIC TUFF COAT	S/N 962982-
17	851-692C	1.5/2R2 033 3/4FJIC TUFF COAT	S/N 962983 to 1330374
18	841-910C	ORAD 3/32 3/4MJIC 3/4FJIC	
19	890-389C	BUSHING 1.50ODX1.25IDX2.94	

Applies to Models: SGS1566, SGS1578

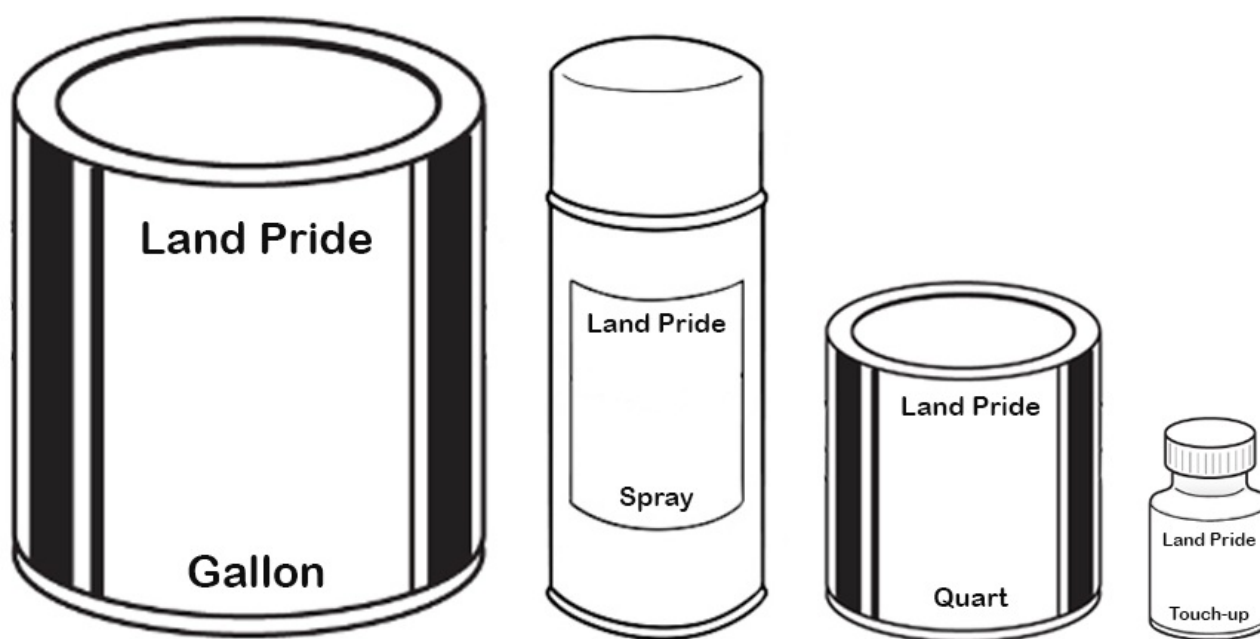


Applies to Models: SGS1566, SGS1578

Ref.	Part No.	Part Description	Comments
	DWG 35165	Drawing Image Number	
1	818-045C	DECAL WARNING PINCH PT/CRUSH	
2			
3	838-094C	DECAL WARNING HYD PRESS LONG	
4	838-293C	DECAL WARNING READ MANUAL	
5	838-965C	DECAL LANDPRIDE 16" BROWN/GOLD	
6	848-159C	DECAL LANDPRIDE 10" BROWN/GOLD	
7	848-947C	DECAL, SGS1566 GOLD	
7	848-948C	DECAL, SGS1578 GOLD	

Land Pride Touch-up Paints

Applies to Models: SGS1566, SGS1578



Land Pride Touch-up Paints

Applies to Models: SGS1566, SGS1578

Ref.	Part No.	Part Description	Comments
	DWG 76585	Image No. *	
		Beige	
	821-011C	PAINT LP BEIGE SPRAY CAN	Beige spray can
	821-011CTU	PAINT LP BEIGE TOUCH-UP 4OZ	Beige touch-up bottle with brush
	821-011CQT	PAINT LP BEIGE QUART	Beige quart can
	821-011CGL	PAINT LP BEIGE GALLON *	Beige gallon can
		Orange	
	821-066C	PAINT ORANGE SPRAY CAN	Orange spray can
	821-066CTU	PAINT ORANGE TOUCH-UP .6OZ	Orange touch-up bottle with brush
	821-066CQT	PAINT ORANGE QUART	Orange quart can
	821-066CGL	PAINT ORANGE GALLON *	Orange gallon can
		Black	
	821-070C	PAINT GP GLOSS BLACK SPRAY CAN	Black spray can
	821-070CTU	PAINT GLOSS BLACK TOUCH-UP 4OZ	Black touch-up bottle with brush
	821-070CQT	PAINT GP GLOSS BLACK QUART	Black quart can
	821-070CGL	PAINT GP GLOSS BLACK GALLON *	Black gallon can
		Red	
	821-054C	PAINT MED. RED SPRAY TRCK/CTR	Red spray can
	821-054CTU	PAINT MED RED TOUCH-UP 4OZ	(Obsolete)
	821-054CQT	PAINT MED RED QUART	Red quart can
	821-054CGL	PAINT MED RED GALLON *	Red gallon can
		Green	
	821-058C	PAINT GREEN SPRAY CUTTERS	Green spray can
	821-058CTU	PAINT GREEN TOUCH-UP 4OZ	Green touch-up bottle with brush
	821-058CQT	PAINT GREEN QUART	Green quart can
	821-058CGL	PAINT GREEN GALLON *	Green gallon can
		Blue	
	821-067C	PAINT BLUE SPRAY CAN	Blue spray can
	821-067CTU	PAINT BLUE TOUCH-UP 5OZ	(Obsolete)
	821-067CQT	PAINT BLUE QUART	(Obsolete)
	821-067CGL	PAINT BLUE GALLON *	(Obsolete)
		Aluminum/Zinc	
	821-080C	PAINT ALUMINUM/ZINC SPRAY CAN	Aluminum/Zinc spray can
	821-080CTU	PAINT ALUMINUM/ZINC TOUCH UP	Aluminum/Zinc touch-up bottle with brush
	821-080CQT	PAINT ALUMINUM/ZINC QUART	Aluminum/Zinc quart can
	821-080CGL	PAINT ALUMINUM/ZINC GALLON	Aluminum/Zinc gallon can

Part Number Index

Part Number	Page	Part Number	Page	Part Number	Page
00082477	11	821-011CTU	25	861-543C	19
0A009944-03	11	821-054C	25	890-389C	5, 21
14676A	11	821-054CGL	25	891-177C	11
16948B	11	821-054CQT	25	891-798C	9
16951B	11	821-054CTU	25	891-800C	9
380-014H	5	821-058C	25	DWG 35160	13
380-015H	5, 21	821-058CGL	25	DWG 35164	5
380-018H	5, 21	821-058CQT	25	DWG 35165	23
380-019H	13	821-058CTU	25	DWG 35173	11
380-020H	5, 9, 13, 21	821-066C	25	DWG 35267	7
380-021H	5	821-066CGL	25	DWG 35269	15
380-023A	13	821-066CQT	25	DWG 35411	21
380-045D	9, 21	821-066CTU	25	DWG 37014	17
380-057A	7	821-067C	25	DWG 70877	9
380-061A	15	821-067CGL	25	DWG 76423	19
380-109D	7	821-067CQT	25	DWG 76585	25
380-150A	17	821-067CTU	25	N/A	11
380-332A	19	821-070C	25		
405-031D	13	821-070CGL	25		
44058C	11	821-070CQT	25		
44059C	11	821-070CTU	25		
44430X	11	821-080C	25		
800-080C	5, 11, 21	821-080CGL	25		
802-034C	5, 9, 21	821-080CQT	25		
802-091C	13	821-080CTU	25		
802-092C	9, 21	838-094C	21, 23		
802-106C	7	838-293C	23		
802-167C	9	838-965C	21, 23		
802-224C	9	841-099C	19		
802-282C	9, 21	841-284C	9		
803-169C	5, 7, 9, 13, 21	841-826C	21		
803-177C	9, 21	841-827C	21		
804-007C	9	841-828C	15		
810-815C	9, 11, 21	841-910C	21		
811-063C	21	848-159C	23		
811-078C	21	848-947C	23		
811-091C	15	848-948C	23		
811-150C	17, 19	851-090C	17, 19		
811-171C	9	851-691C	21		
811-205C	15	851-692C	21		
811-394C	17	851-756C	9		
811-744C	15	851-757C	9		
811-745C	15	851-762C	15		
811-870C	17	851-947C	15		
818-045C	21, 23	851-948C	15		
821-011C	25	861-148C	9		
821-011CGL	25	861-149C	9		
821-011CQT	25	861-540C	17		
		861-541C	17		



Great Plains Manufacturing, Inc.

Corporate Office: P.O. Box 5060
Salina, Kansas 67402-5060 USA

www.landpride.com
