

# Wood-Mizer<sup>®</sup> Sawmill

## Parts Manual

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LT50HD

rev. A1.01

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**Safety is our #1 concern!** Read and understand all safety information and instructions before operating, setting up or maintaining this machine.

*May 2002*

*Form #946*

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## SECTION 1 GENERAL INFORMATION

### 1.1 How To Use The Parts List

- Use the index above to locate the assembly that contains the part you need.
- Go to the appropriate section and locate the part in the illustration.
- Use the number pointing to the part to locate the correct part number and description in the table.
- Parts shown indented under another part are included with that part.
- Parts marked with a diamond (◆) are only available in the assembly listed above the part.

See the sample table below. Sample Part #A01111 includes part F02222-2 and subassembly A03333. Subassembly A03333 includes part S04444-4 and subassembly K05555. The diamond (◆) indicates that S04444-4 is not available except in subassembly A03333. Subassembly K05555 includes parts M06666 and F07777-77. The diamond (◆) indicates M06666 is not available except in subassembly K05555.

<b>1.2 Sample Assembly</b>				
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	Sample Assembly, Complete (Includes All Indented Parts Below)	A01111	1	
1	Sample Part	F02222-22	1	
	Sample Subassembly (Includes All Indented Parts Below)	A03333	1	
2	Sample Part (◆ Indicates Part Is Only Available With A03333)	S04444-4	1	◆
	Sample Subassembly (Includes All Indented Parts Below)	K05555	1	
3	Sample Part (◆ Indicates Part Is Only Available With K05555)	M06666	2	◆
4	Sample Part	F07777-77	1	

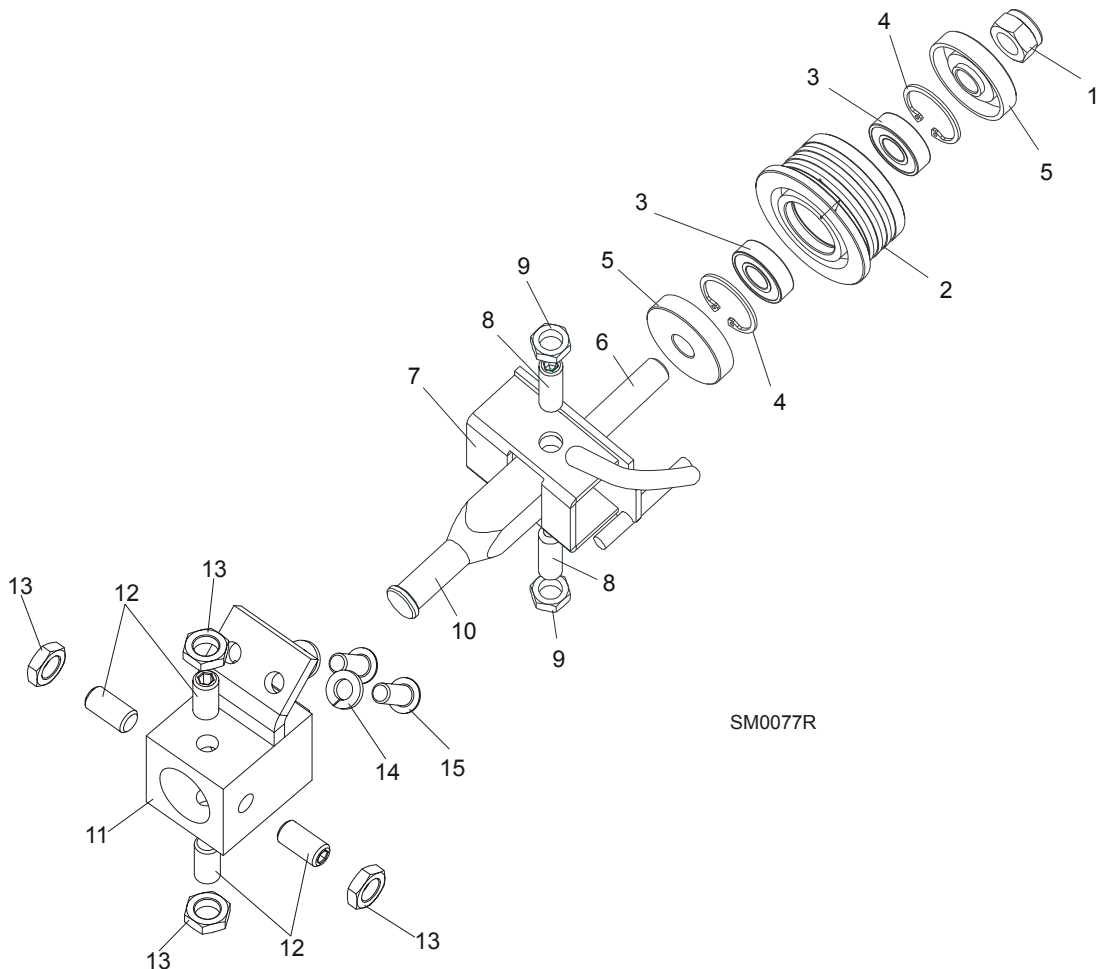
#### ***To Order Parts:***

- From Europe call our European Headquarters and Manufacturing Facility in Kolo, Poland at **+48-63-2610233**. From the continental U.S., call our toll-free Parts hotline at **1-800-448-7881**. Have your customer number, vehicle identification number, and part numbers ready when you call.
- From other international locations, contact the Wood-Mizer distributor in your area for parts.



## SECTION 2 BLADE GUIDE ROLLERS & ARM

### 2.1 Blade Guide Assembly, Idle Side



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	<b>BLADE GUIDE ASSEMBLY, COMPLETE IDLE SIDE</b>	A08197	1	
	Roller, Blade Guide With Bearings	087887	1	
	Roller, Blade Guide With Bearings Extended (for optional use with 1 1/2" blades)	087888 <sup>1</sup>	1	
1	Nut, M12-8 Fe/Zn5 Jam Nylon Lock	F81034-2	1	
2	Roller, Flanged Blade Guide	087889	1	◆
	Roller, Blade Guide Extended (for optional use with 1 1/2" blades)	087890 <sup>1</sup>	1	◆
3	Bearing, R8-2RS Blade Guide	087893	2	
4	Ring, 1 1/8" Interior Retaining	F81090-9	2	
5	Spacer, Blade Guide	087891-1	2	
6	Bolt, Blade Guide Mounting	087763-1	1	
7	Bracket, Blade Guide Idle Side With Water Tube	W08495	1	
	Screw Kit, Blade Guide Adjustment w/Nuts (For two blade guide assemblies)	K09942	1	
8	Screw, 3/8-24 X 1 1/4" Stainless Steel Socket Head Flat Point	F05007-96	2	

# 2

## Blade Guide Rollers & Arm

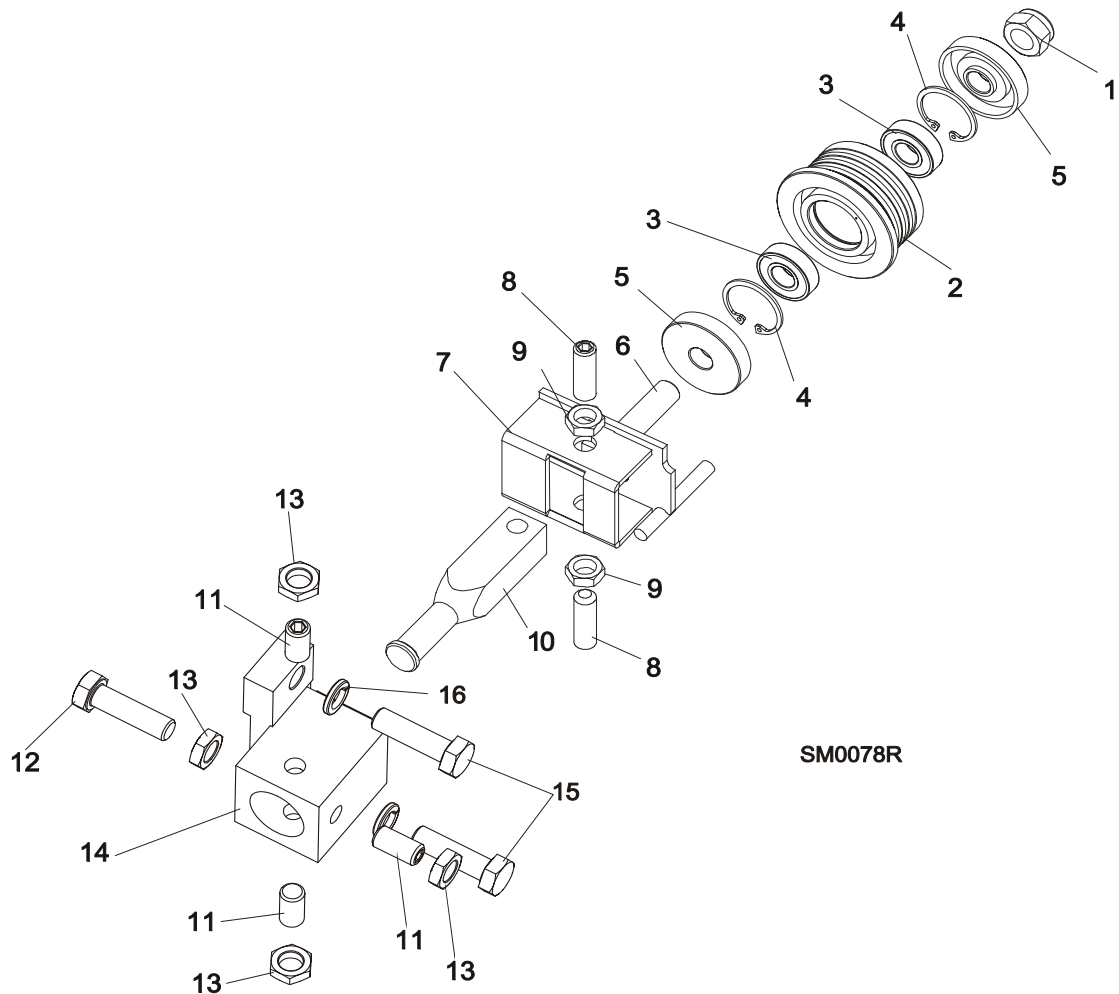
### Blade Guide Assembly, Idle Side

9	Nut, 3/8-24 Jam	F05010-22	2	
10	Shaft, Blade Guide Adjustment	S08196	1	
11	<b>TUBE, BLADE GUIDE MOUNT</b> ( <a href="#">See Section 2.3 Blade Guide Arm &amp; Rollers</a> )	088292-1	1	
12	<b>SCREW, M10X1X20 DIN913 STAINLESS STEEL SOCKET HEAD FLAT POINT</b>	F81015-1	4	
13	<b>NUT, M10X1 DIN439 JAM</b>	F81033-7	4	
14	<b>WASHER, 8,2 SPLIT LOCK ZINC</b>	F81054-4	2	
15	<b>SCREW, 5/16-18x3/4 Socket Button Head Black Oxide</b>	F05006-7	2	

<sup>1</sup> Recommended for Super sawmills only.



## 2.2 Blade Guide Assembly, Drive Side



SM0078R

REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	<b>BLADE GUIDE ASSEMBLY, COMPLETE DRIVE SIDE</b>	A08191	1	
	Roller, Blade Guide With Bearings	087887	1	
	Roller, Blade Guide With Bearings Extended (for optional use with 1 1/2" blades)	087888 <sup>1</sup>	1	
1	Nut, M12-8 Fe/Zn5 Jam Nylon Lock	F81034-2	1	
2	Roller, Flanged Blade Guide	087889	1	◆
	Roller, Blade Guide Extended (for optional use with 1 1/2" blades)	087890 <sup>1</sup>	1	◆
3	Bearing, R8-2RS Blade Guide	087893	2	
4	Ring, 1 1/8" Interior Retaining	F81090-9	2	
5	Spacer, Blade Guide	087891-1	2	
6	Bolt, Blade Guide Mounting	087763-1	1	
7	Bracket, Blade Guide Drive Side	W08482	1	
	Screw Kit, Blade Guide Adjustment w/Nuts (For two blade guide assemblies)	K09942	1	

# 2

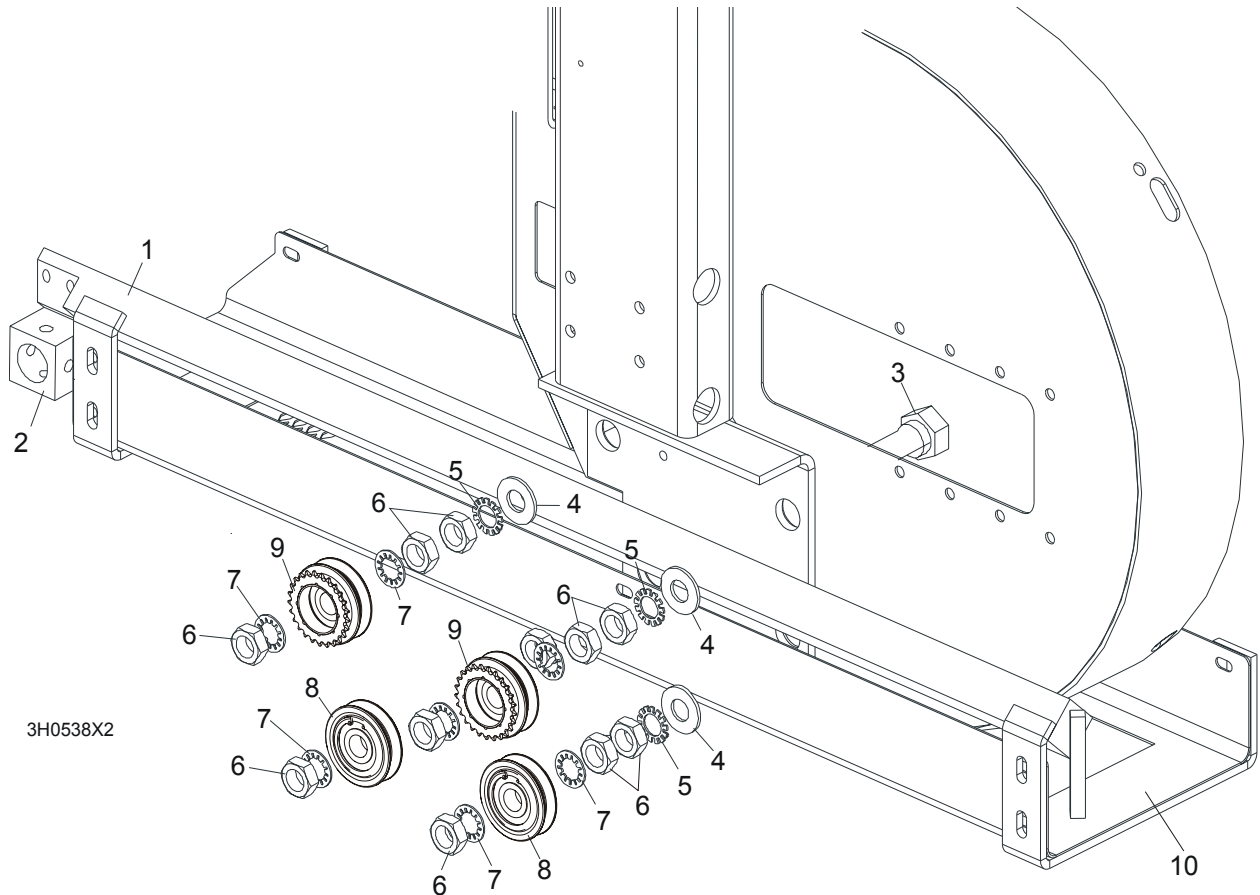
## Blade Guide Rollers & Arm

### *Blade Guide Assembly, Drive Side*

8	Screw, 3/8-24 X 1 1/4" Stainless Steel Socket Head Flat Point	F05007-96	2	
9	Nut, 3/8-24 Jam	F05010-22	2	
10	Shaft, Blade Guide Adjustment	S08196	1	
11	<b>SCREW, M10X1X20 DIN913 STAINLESS STEEL SOCKET HEAD FLAT POINT SET</b>	F81015-1	3	
12	<b>BOLT, M10X1X25 DIN 933 STAINLESS STEEL HEX HEAD</b>	F81003-28	1	
13	<b>NUT, M10X1 DIN439 JAM</b>	F81033-7	4	
14	<b>TUBE, BLADE GUIDE MOUNT (Bolted to the Saw Frame)</b>	087744	1	
15	<b>BOLT, M10X35-8.8 HEX HEAD FULL THREAD ZINC</b>	F81003-17	2	
16	<b>WASHER, 10.2 SPLIT LOCK ZINC</b>	F81055-2	2	

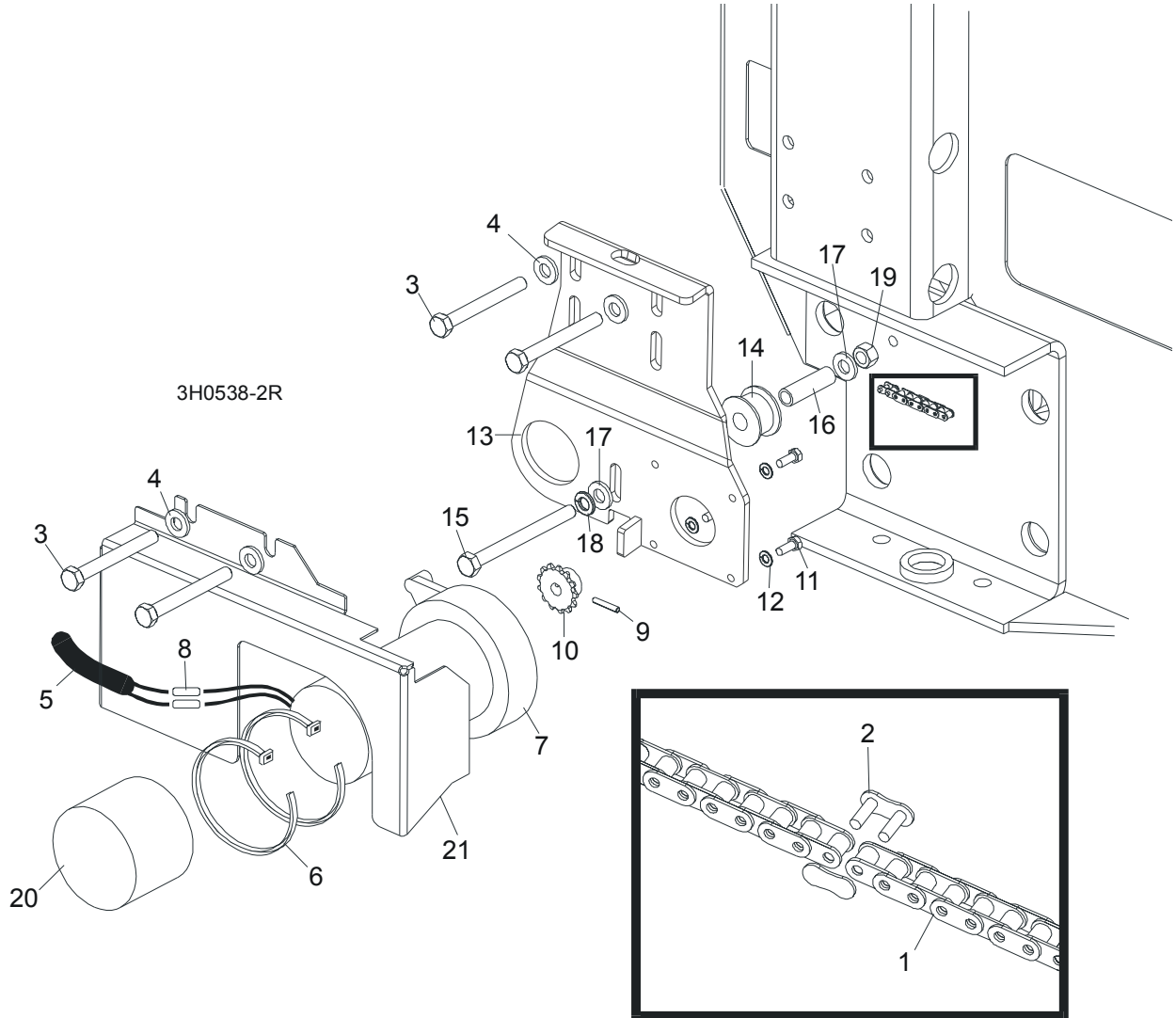
<sup>1</sup> Recommended for Super sawmills only.

### 2.3 Blade Guide Arm & Rollers



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	<b>BLADE GUIDE ARM WELDMENT</b>	087018-1	1
2	Tube, Blade Guide Mount	088292-1	1
3	<b>BOLT, BLADE GUIDE ARM ROLLER CAM</b>	086508-1	4
4	<b>WASHER, 17 FLAT</b>	F81058-1	4
5	<b>WASHER, 5/8" EXTERNAL STAR</b>	F05011-26	4
6	<b>NUT, 5/8-18 HEX JAM</b>	F05010-11	12
7	<b>WASHER, 5/8" INTERNAL STAR</b>	F05011-25	8
8	<b>ROLLER ASSEMBLY, BLADE GUIDE ARM WITH BEARING</b>	A09059	2
9	<b>ROLLER ASSEMBLY, BLADE GUIDE ARM WITH BEARING AND SPROCKET</b>	A09932	2
10	GUARD WELDMENT, BLADE PAINTED	087042-1	1

**2.4 Blade Guide Arm Drive Assembly**



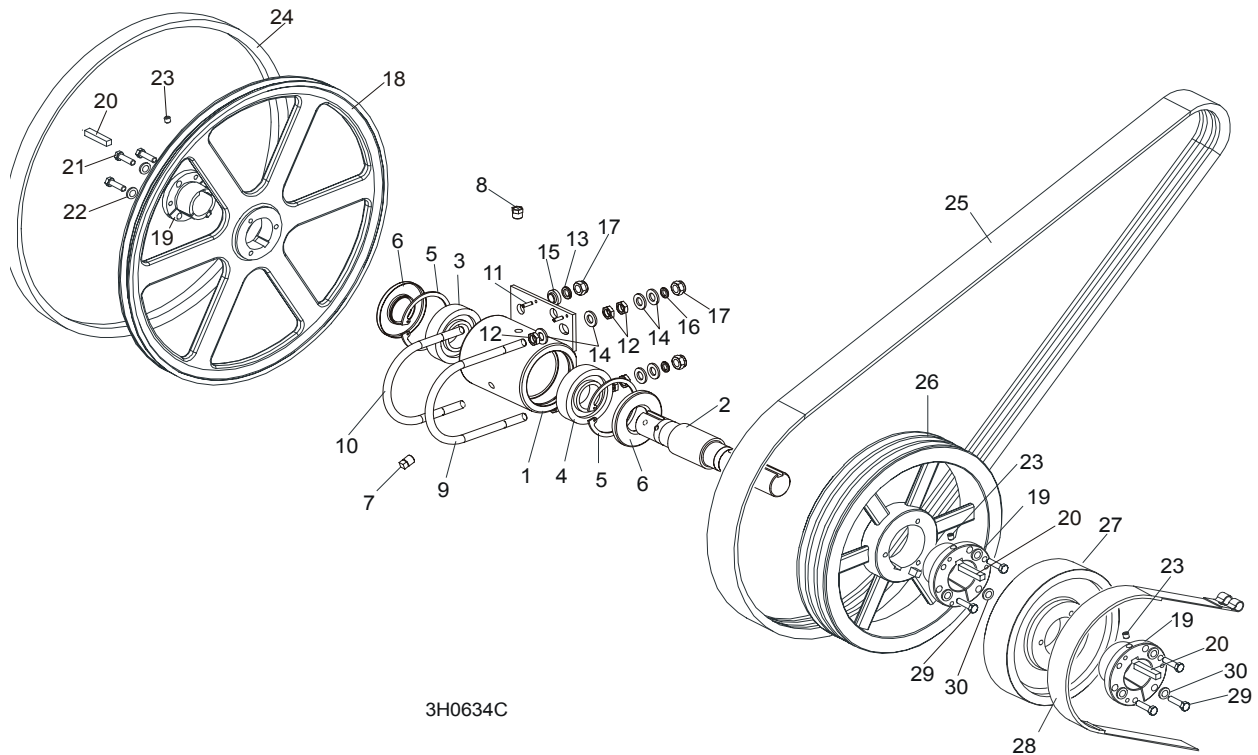
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	CHAIN, #25 X 20 1/4"	P09984	1
2	LINK, #25 MASTER	P09983	1
3	BOLT, 5/16-18 X 2 3/4" HEX HEAD GRADE 5	F05006-28	4
4	WASHER, 8.4 FLAT	F81054-1	4
5	TUBE, 3/8" X 1/2" NEOPRENE	R01897	0,75 m
6	WRAP, 1/4" X 6" TIE	F05089-1	2
	<b>DRIVE ASSEMBLY, BLADE GUIDE ARM</b>	091005	1
	Motor Assembly, Blade Guide Arm Replacement	A10365	1
7	Motor, Blade Guide Arm 53:1 Gear	P09698-1	1
	Housing, Klauber Motor End	P12756	1
	Gear Kit, Klauber Motor Replacement	P12569	1

	Brush Kit, Gear Motor Replacement	P12800	1	
	Shaft Kit, Klauber Gear Motor Replacement	009695	1	
<b>8</b>	Connector, 14 Gauge Butt	F04875-1	2	
<b>9</b>	Pin, 1/8" X 3/4" Roll	F05012-6	1	
<b>10</b>	Sprocket, Gear Motor #25 14-Tooth	P09970	1	
<b>11</b>	Screw, #10-32 x 1/2" Hex Head	F05004-60	4	
<b>12</b>	Washer, 5.1 Split Lock	F81052-2	4	
	Instruction Sheet, Blade Guide Arm Motor	A10353-296	1	
<b>13</b>	Bracket, Blade Guide Arm Motor Mount	087994-1	1	
<b>14</b>	Roller, Blade Guide Arm Chain Idler	S09999	1	
<b>15</b>	Bolt, M8x90-8.8 Hex Head Full Thread	F81002-16	1	
<b>16</b>	Spacer, 5/16" I.D. X 1 1/2"	S09996	1	
<b>17</b>	Washer, 5/16" SAE Flat	F81054-1	3	
<b>18</b>	Washer, 8.2 Split Lock	F05011-13	1	
<b>19</b>	Nut, M8-8-B Hex Lock	F81032-1	1	
<b>20</b>	Boot, Gear Motor Weather	023720	1	
<b>21</b>	<b>COVER, BLADE GUIDE ARM MOTOR</b>	S11617	1	



## SECTION 3 BLADE WHEELS & TENSIONER

### 3.1 Blade Drive Assembly



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>BEARING ASSEMBLY, DRIVE</b>	086291	1
1	Housing, Blade Wheel Drive Bearing	086293	1
2	Shaft, Blade Wheel Drive	086292	1
3	Bearing, Blade Wheel Drive NJ308	085939	1
4	Bearing, Blade Wheel Drive #6308	085940	1
5	Ring, 90mm Interior Retaining #17	F04254-17	2
6	Seal, Drive Bearing #CR15890	P10206	2
7	Plug, 1/4" NPT Square Head	P05498	1
8	Plug, 1/4" NPT Vented	P12868	1
9	Bolt, 1/2-13 Long U	S10207-1P	1
10	Bolt, 1/2-13 Short U	S10207-2P	1
11	Pin, 3/16" X 5/8" Roll	F05012-22	2
12	Nut, M12-04-A Hex Jam	F81034-6	6
13	Washer, 12.2 Split Lock	F81056-2	2
14	Washer, 13 SAE Flat	F81056-1	8
15	Spacer, Zinc	086769-1	2
16	Washer, 10.2 Split Lock Zinc	F81055-2	2

# 3

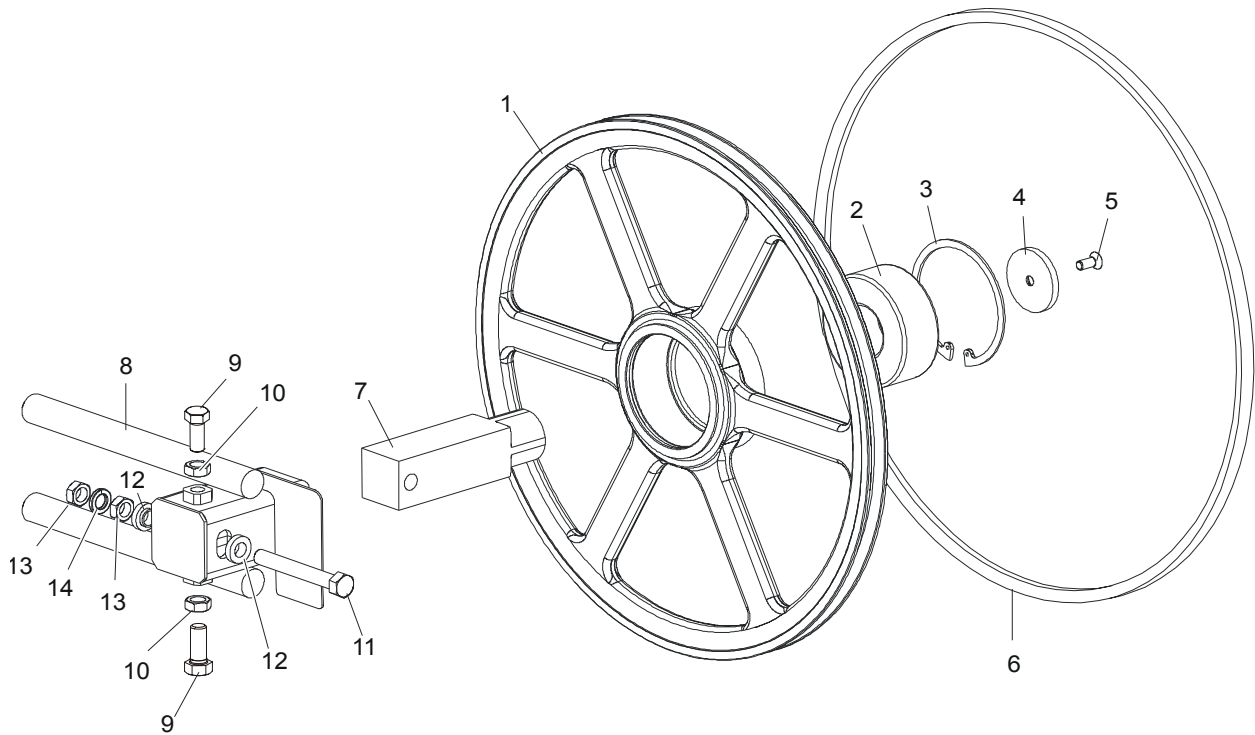
## Blade Wheels & Tensioner

### Blade Drive Assembly

17	Nut, M12-8 Hex Nylon Lock	F81034-2	4	
	<b>WHEEL KIT, DRIVE SIDE BLADE</b>	014562	1	
18	Wheel, Drive Side Blade	016284	1	
19	Bushing, Modified 1 9/16" P1	087214	1	
20	<b>KEY, 9.5h7x9.5x3.8</b>	087384	3	
21	<b>BOLT, UNC 1/4"x1 1/2"-8.8 ZINC DIN933 HEX HEAD</b>	F05005-31	3	
22	<b>WASHER, 1/4" UNC ZINC SPLIT LOCK</b>	F81052-21	3	
23	<b>SCREW, M8x8-33H ZINC HEX SOCKET SET FLAT POINT</b>	F81014-1	3	
24	<b>BELT, BLADE WHEEL B57</b>	P04185	1	
25	<b>BELT, 3BX72 DRIVE (D40)</b>	014085	1	
	<b>BELT, 3BX74 DRIVE E25HP 50HZ)</b>	014249	1	
26	<b>PULLEY, 3B5V124 SPECIAL DRIVE</b>	087203-1	1	
27	<b>WHEEL, BRAKE</b>	087204-1	1	
28	<b>STRAP, METAL-BACKED BRAKE</b>	014391	1	
29	<b>BOLT, M8X35-8.8 ZINC HEX HEAD FULL THREAD</b>	F81002-13	6	
30	<b>WASHER, 8.2 ZINC SPLIT LOCK</b>	F81054-4	6	



### 3.2 Idle Blade Wheel Assembly



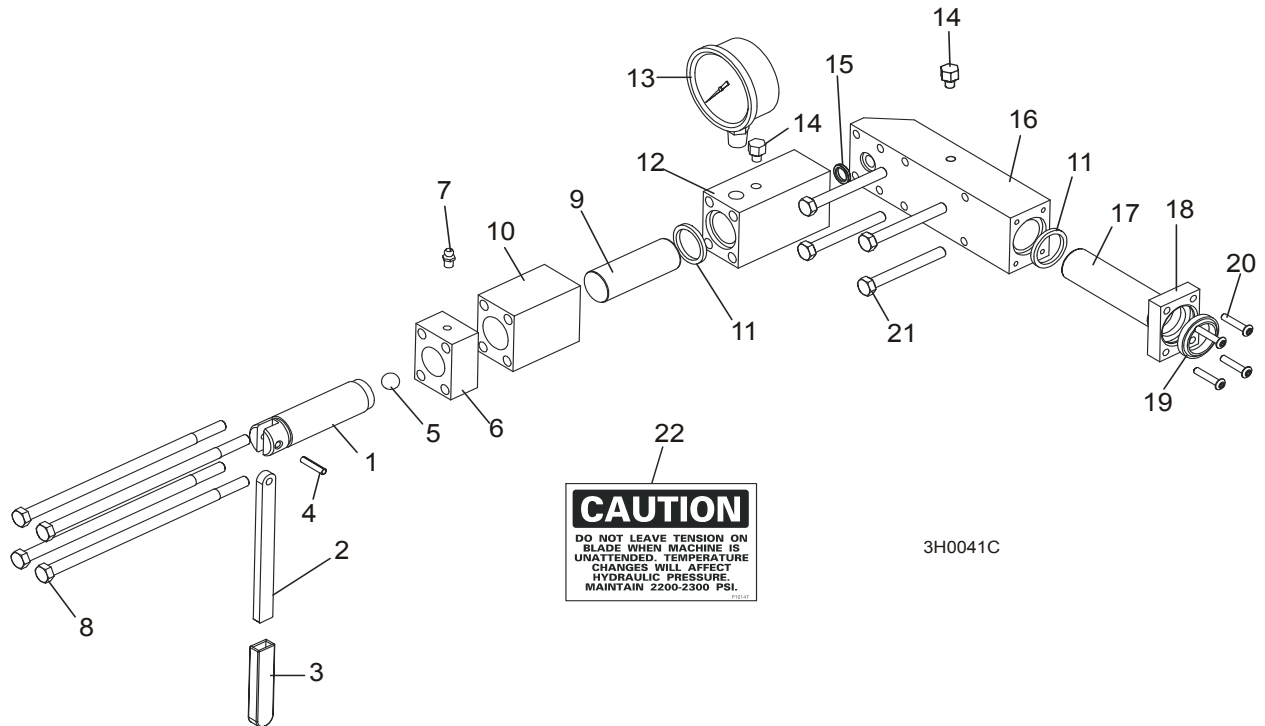
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REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	<b>WHEEL ASSEMBLY, IDLE SIDE BLADE</b>	016120	1	
1	Wheel, Idle Side Blade	016013	1	◆
2	Bearing, Idle Side Blade Wheel #5309-2RS, C3, SRI-2 Grease	086428	1	
3	Ring, 100mm Internal Retaining Beveled	F04254-28	1	
4	RETAINER, 2 3/16 X 1/4"	016397	1	
5	SCREW, 3/8-16X1	F05007-64	1	
6	BELT, BLADE WHEEL B57	P04185	1	
7	SHAFT, IDLE BLADE WHEEL	016398	1	
8	HOUSING, IDLE BLADE WHEEL SHAFT	087665	1	
9	SCREW, 1/2-20 X 1 1/4" FLAT POINT SET	F05008-108	2	
10	NUT, 1/2-20 HEX JAM	F05010-16	2	
11	BOLT, 1/2-20 X 3 3/4" HEX HEAD FULL THREAD GRADE 2	F05008-111	1	
12	SPACER, 1/2" I.D. FLANGED	086769-1	2	
13	NUT, 1/2-20 HEX JAM	F05010-16	2	
14	WASHER, 12.2 SPLIT LOCK	F81056-2	1	

# 3

## Blade Wheels & Tensioner Hydraulic Blade Tensioner Assembly

### 3.3 Hydraulic Blade Tensioner Assembly



**CAUTION**  
DO NOT LEAVE TENSION ON  
BLADE WHEN MACHINE IS  
UNATTENDED. TEMPERATURE  
CHANGES WILL AFFECT  
HYDRAULIC PRESSURE.  
MAINTAIN 2200-2300 PSI.

3H0041C

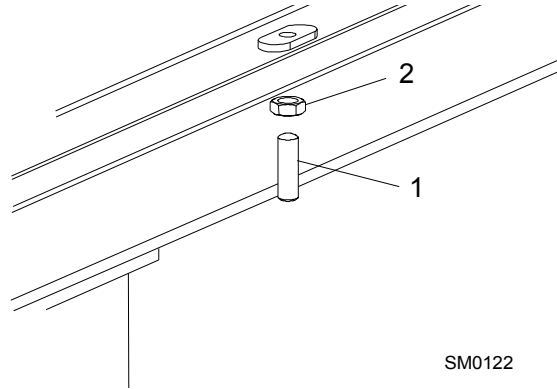
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>HYDRAULIC BLADE TENSIONER ASSEMBLY</b>	A10054	1
	Handle Assembly, Hydraulic Blade Tensioner Screw	A12294	1
1	Screw, Hydraulic Blade Tensioner	S10056	1
2	Handle, Hydraulic Tensioner Screw	S08174	1
3	Sleeve, Plastic Handle	P08072	1
4	Pin, 3/16" x 7/8" Roll	F05012-11	1
5	Ball, 1/2" Steel	P02720	1
6	Block, Threaded Tensioner End	S10062	1
7	Fitting, 1/4-28 Grease	P05060	1
	Instruction Sheet, Tensioner Screw	A12294-518	1
8	Bolt, 5/16-18 X 7 1/2" Hex Head Grade 5	F05006-43	4
9	Piston, Hydraulic Tensioner Front 2 3/4" Long	S10060	1
10	Block, Piston Guide	S10061	1
11	Seal, 1" Diameter	P10051	2
12	Block, Hydraulic Tensioner Gauge Mounting	S10140	1
13	Gauge, 3000 PSI	090552	1
14	Plug, Hydraulic Tensioner Fill	P10065	2
15	Ring, 5/8" X 3/32" Square "O"	P10377	1
16	Block, Rear Tensioner Piston	S10142	1
17	Piston, Hydraulic Tensioner Rear 3 5/8" Long	S10059	1
18	Block, Rear Piston End	S10089	1
19	Wiper, 1" Diameter	P10053	1
20	Bolt, #10-24 X 1" Socket Button Head	F05004-43	4

<b>21</b>	Bolt, 5/16-18 X 2 3/4" Hex Head Grade 5	F05006-28	4	
<b>22</b>	Decal, Hydraulic Tension Caution	P10147	1	
	Instruction Sheet, Hydraulic Tensioner Installation	A10136-272	1	



## SECTION 4 SAW HEAD

### 4.1 Middle Throat Screw



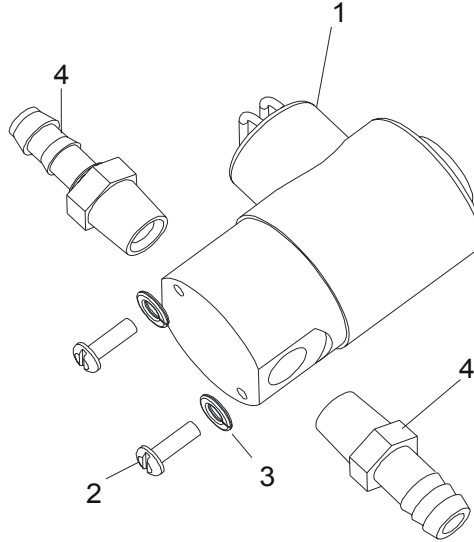
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
1	SCREW, M10X40-45H OVAL POINT SOCKET SET, ZINC	F81003-61	1	
2	NUT, M10-8-B HEX JAM, ZINC	F81033-3	1	

# 4

## Saw Head

### Water Lube Solenoid Valve

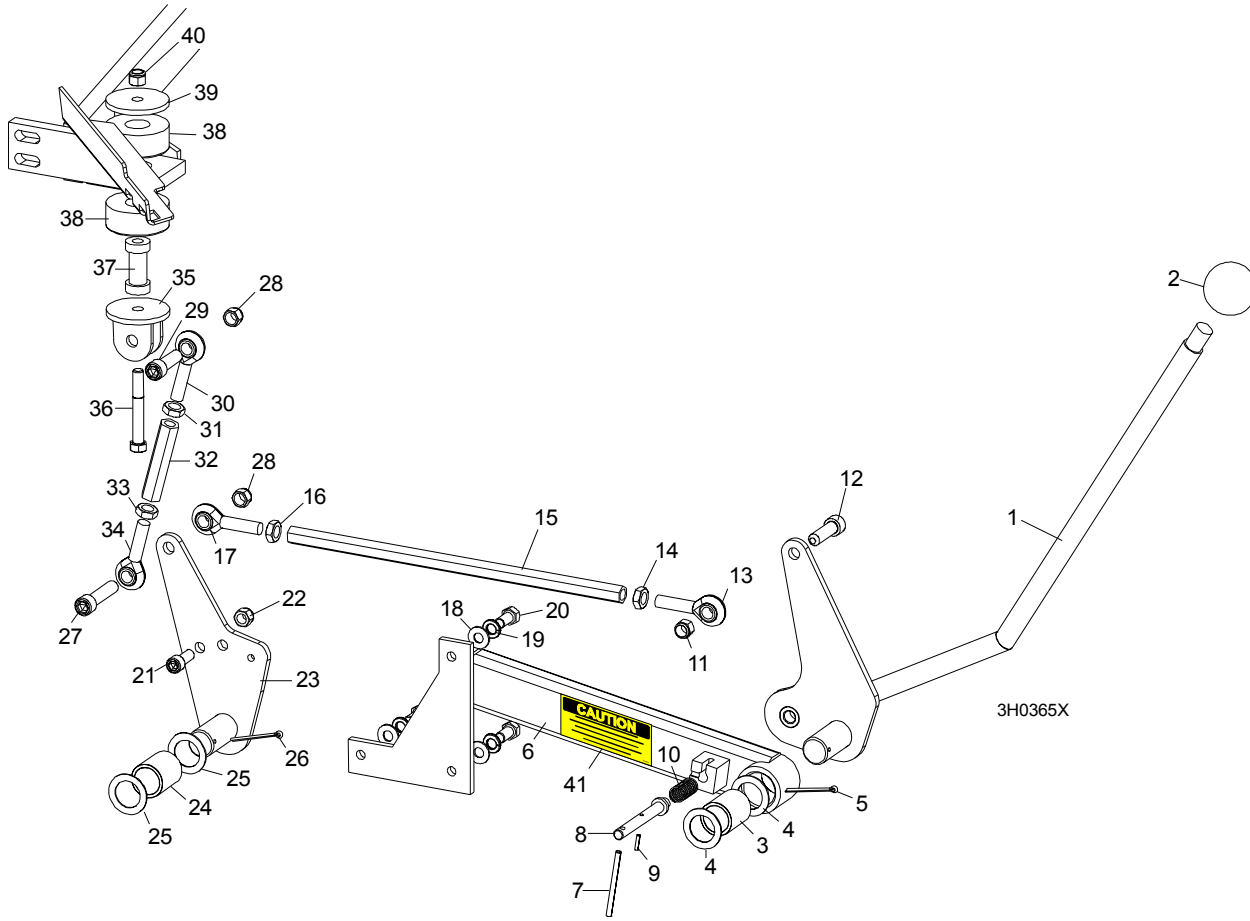
#### 4.2 Water Lube Solenoid Valve



3H0310B

REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
1	VALVE, WATER LUBE SOLENOID	016140	1	
2	SCREW, #10-32X1/2" CROSS SLOT ROUND HEAD	F05004-60	2	
3	WASHER, 5.1 SPLIT LOCK	F81052-2	2	
4	FITTING, 1/4" MALE NPT 3/8" HOSE BARB	P04682	2	

4.3 Clutch Lever Assembly



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	<b>HANDLE ASSEMBLY, EXTENDED CLUTCH/BRAKE</b>	086242	1	
1	Lever, Clutch/Brake	086339-1	1	◆
2	Knob, Plastic Round	086337	1	
3	Bushing, Clutch/Brake Pivot	P05041	1	
4	Washer, Clutch/Brake Pivot	087051-1	2	
5	Pin, 1/8" X 1 3/4" Cotter	F05012-43	1	
6	Extension Weldment, Clutch Handle	086244-1	1	
7	Pin, 3/16 x 2 1/2" Roll	F05012-27	1	
8	Pin, Clutch Detent	086243 <sup>1</sup>	1	◆
9	Pin, 1/8" x 9/16" Roll	F05012-30	1	
10	Spring, .58" OD x 1 1/8"	021243	1	
11	Nut, 7/16-20 Nylon Lock	F05010-83	1	
12	Screw, 7/16-20 x 1 1/2" Socket Head	F05007-55	1	
13	Rod End, 7/16-20 Left Hand Thread	P11578	1	
14	Nut, 7/16-20 Hex Jam Left Hand Thread	F05010-87	1	
15	Rod, Clutch Extension	015073	1	
16	Nut, 7/16-20 Hex Jam	F05010-38	1	

# 4

## Saw Head

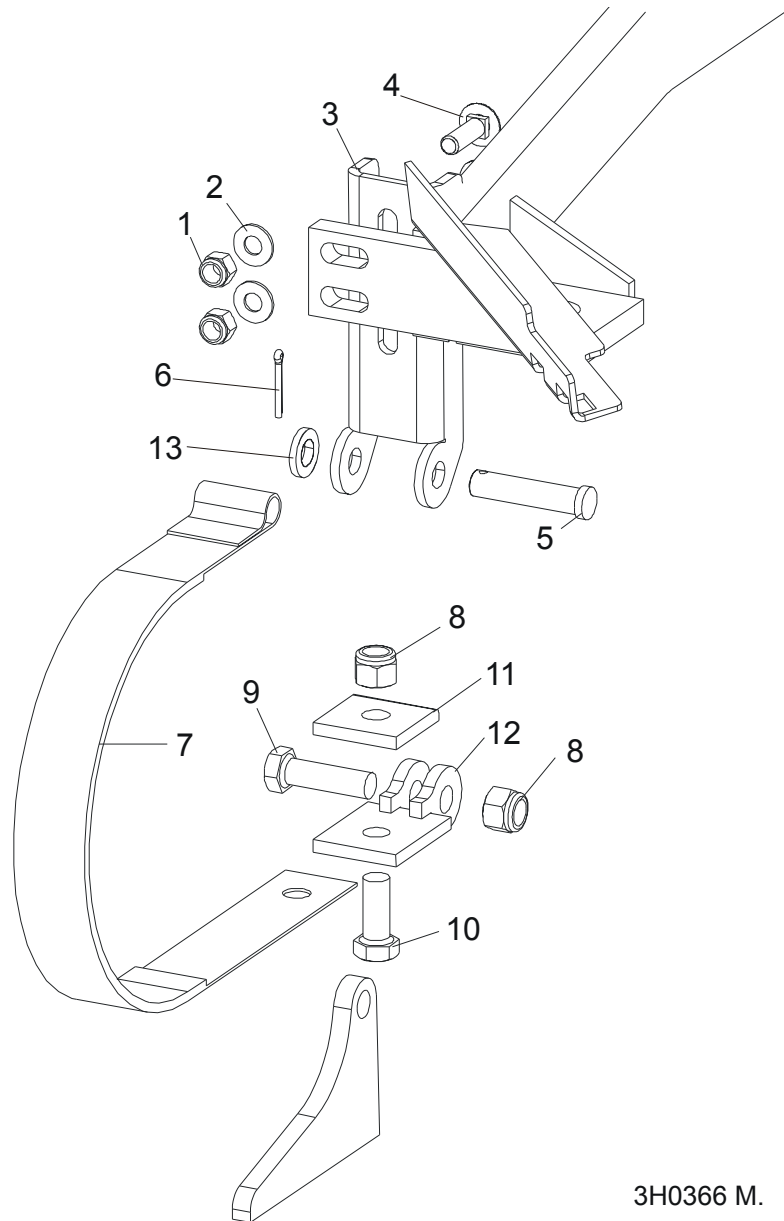
### Clutch Lever Assembly

17	Rod End, 7/16-20 Right Hand Thread	P11579	1	
18	<b>WASHER, 8.4 SAE FLAT</b>	F81054-1	3	
19	<b>WASHER, 8.2 SPLIT LOCK</b>	F81054-4	3	
20	<b>BOLT, M8X20-8.8-B HEX HEAD</b>	F81002-4	3	
21	<b>BOLT, M10 X 25 SOCKET HEAD</b>	F81003-32	1	
22	<b>NUT, M10-8-B HEX NYLON LOCK</b>	F81033-1	1	
23	<b>PLATE WELDMENT, CLUTCH PIVOT</b>	087086-1	1	
24	<b>BUSHING, CLUTCH/BRAKE PIVOT</b>	P05041	1	
25	<b>WASHER, CLUTCH/BRAKE PIVOT</b>	087051-1	2	
26	<b>PIN, 1/8" X 1 3/4" COTTER</b>	F05012-43	1	
27	<b>SCREW, 7/16-20 X 2" SOCKET HEAD</b>	F05007-120	1	
28	<b>NUT, 7/16-20 HEX NYLON LOCK</b>	F05010-83	2	
29	<b>SCREW, 7/16-20 X 2" SOCKET HEAD</b>	F05007-120	1	
	<b>TURNBUCKLE ASSEMBLY, CLUTCH/BRAKE LEVER</b>	A12304	1	
	<b>TURNBUCKLE ASSEMBLY, 3 3/4" CLUTCH/BRAKE LEVER (50Hz Electric Only)</b>	A11576	1	
30	Rod End, 7/16-20 Right Hand Thread	P11579	1	
31	Nut, 7/16-20 Hex Jam	F05010-38	1	
32	Turnbuckle, 3" Clutch/Brake Lever	S11577	1	
	Turnbuckle, 3 3/4" Clutch/Brake Lever (50Hz Electric Only)	S12262	1	
33	Nut, 7/16-20 Hex Jam Left Hand Thread	F05010-87	1	
34	Rod End, 7/16-20 Left Hand Thread	P11578	1	
35	<b>BRACKET, CLUTCH MOUNT</b>	W12411-1	1	
36	<b>BOLT, M10X70-8.8 HEX HEAD, ZINC</b>	F81003-20	1	
37	<b>SPACER, MOTOR MOUNT VIBRATION BUSHING</b>	S12410	1	
38	<b>BUSHING, MOTOR MOUNT VIBRATION</b>	P05032	2	
39	<b>WASHER, 3/8" I.D. X 2 1/4" O.D. X 3/16" THICK</b>	S12412-0	1	
40	<b>NUT, 3/8-16 NYLON LOCK</b>	F05010-10	1	
41	<b>DECAL, PLACE PIN IN DETENT POSITION</b>	085089	1	

<sup>1</sup> Detent pin removed . Detent pin should be removed from previous revision mills to prevent possible injury caused by unintended use of the detent pin (such as using the pin to enable the blade to be spun by hand during blade tracking). See bulletin #970053LR for pin removal instructions.



### 4.4 Brake Assembly



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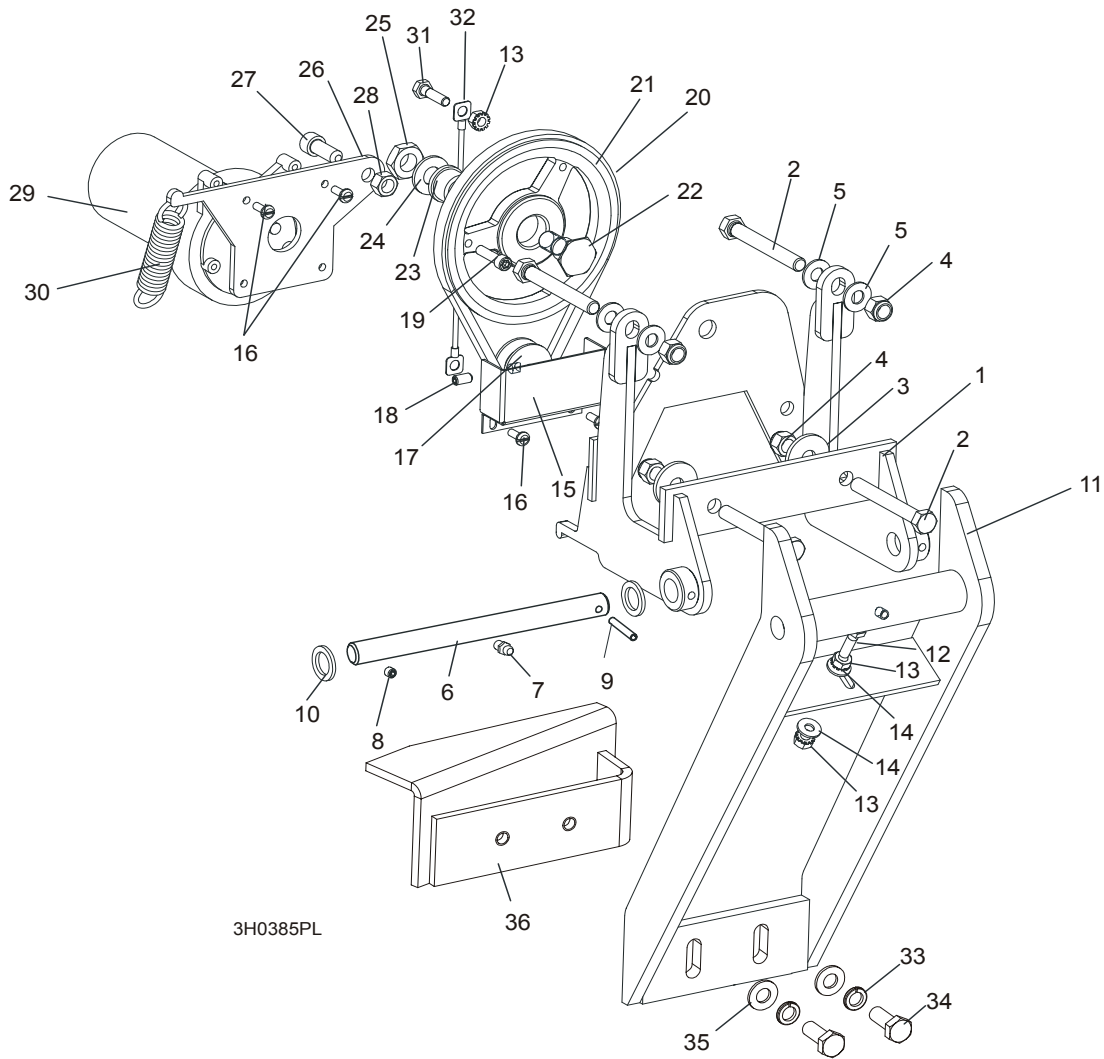
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>STRAP RETROFIT, SUPER BRAKE</b>	014441	1
1	Nut, 3/8-16 Nylon Lock	F05010-10	2
2	Washer, 10.5 Flat	F81055-1	2
3	Bracket, Upper Super Brake Strap Mount	014395	1
4	Bolt, 3/8-16 x 1 1/4" Carriage Head Grade 5	F05007-127	2
5	Pin, 1/2" x 2 1/4" Clevis	F05012-81	1
6	Pin, 1/8" x 1" Cotter	F05012-1	1
7	Strap, Upper Pivot Metal Brake	014391	1
8	Nut, M12-8-B Nylon Lock	F81034-2	2

**4****Saw Head***Brake Assembly*

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<b>9</b>	Bolt, M12 x 40-8.8 Hex Head	F81004-4	1	
<b>10</b>	Bolt, M12 x 30-8.8 Hex Head	F81004-22	1	
<b>11</b>	Plate, Brake Strap Clamp	S04195-1	1	
<b>12</b>	Bracket, Lower Super Brake Strap Mount	014392	1	
<b>13</b>	Washer, 13 Flat Zinc	F81056-1	1	

### 4.5 Board Return Assembly



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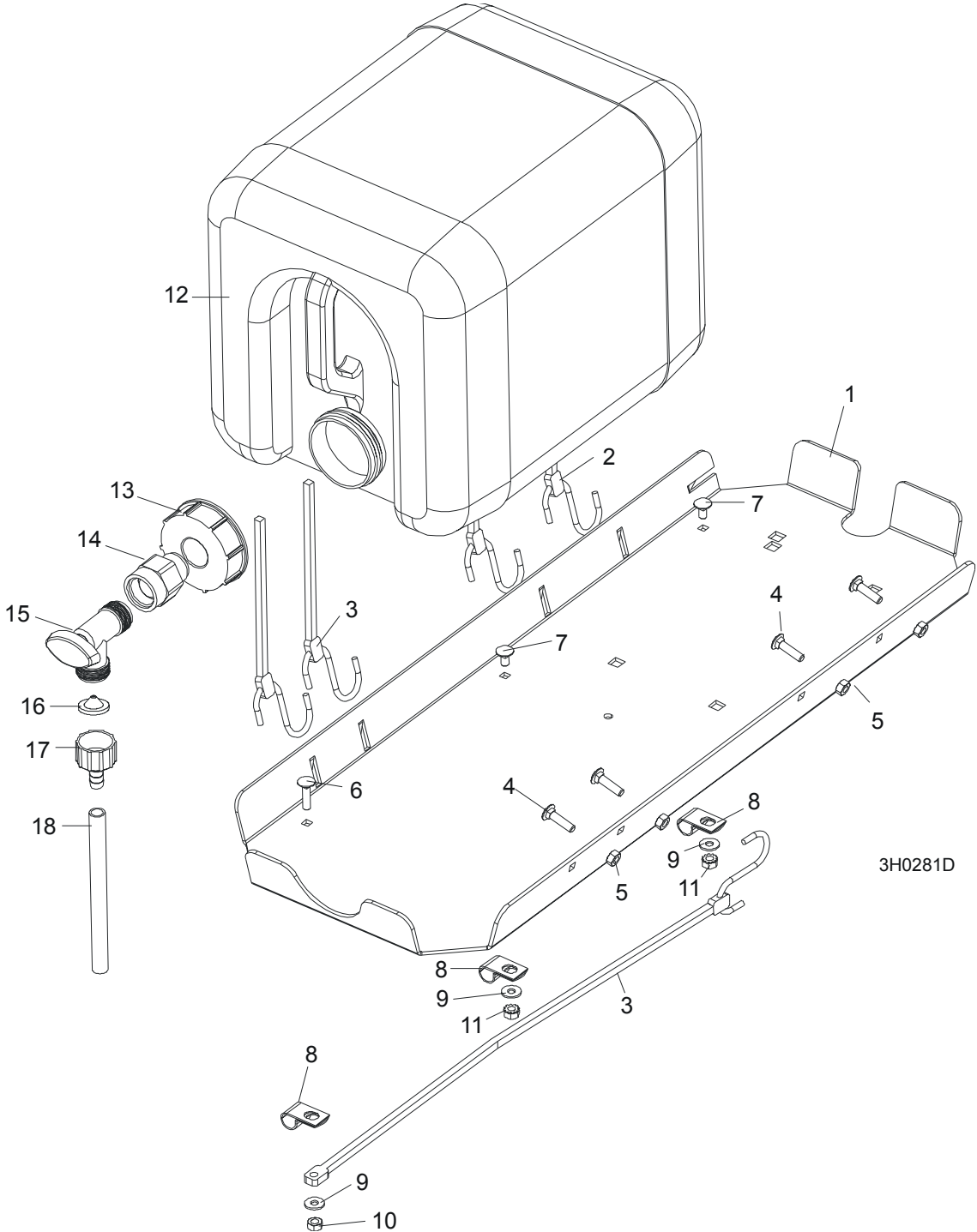
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>RETURN ASSEMBLY, BOARD</b>	087839-1	1
1	Mount Weldment, Board Return	087788-1	1
2	Bolt, 3/8-16 x 3" Full Thread Hex Head	F05007-1	4
3	Washer, 1/8" x 1 1/4"	015336	2
4	Nut, 3/8-16 Hex Nylon Lock	F05010-10	4
5	Washer, 10.5 Flat	F81055-1	4
6	Pin Kit, Board Return Replacement Pivot	087837	1
7	Fitting, M6 Grease	086280	1
8	Screw, M6 X 8 Black Oxide Socket Head Set Cup Point	F81013-1	1
9	Pin, 5 X 30 Roll	F81044-21	1
10	Washer, 5/8" x 15/16" x .094 Nylon	F05011-19	2
11	Arm Weldment, Board Return	087838-1	1

## 4

**Saw Head***Board Return Assembly*

12	Screw, 1/4-20 x 1" Full Thread Hex Head Cap	F05005-101	1	
13	Nut, 1/4-20 Self Locking	F05010-9	3	
14	Washer, 7.4 Flat	F81056-11	2	
15	Guard, Board Return Belt	015007	1	
16	Screw, 10-32 x 1/2" Hex Head Machine	F05004-55	4	
17	Sheave, 1.42 x .32	015074	1	
18	Screw, 1/4-20 Socket Head Set Cup Point Nylon	F05005-55	1	
19	Screw, 1/4-20 x 1" Socket Head Cap	F05005-89	1	
20	Belt, 3L190	015477	1	
21	Sheave, OK50 x 1/2" Modified	015224	1	
22	Bolt, Idler Pulley Pivot	015221	1	
23	Bushing, 5/8" x 7/8" x 1/2" Bronze	P05135	1	
24	Washer, 13 Flat	F81056-1	1	
25	Nut, 1/2-20 Jam Nylon Lock	F05010-79	1	
26	Plate, Motor Pivot	087871	1	
27	Screw, M10 x 25-8.8 Black Oxide Socket Head Cap	F81003-32	1	
28	Nut, 3/8-16 Self Locking	F05010-25	1	
29	Motor, 53:1 ASA Gear	P09698-1	1	
30	Spring, 3/4" x 2 7/8" x 12 Gauge	015479	1	
31	Bolt, 1/4-20 x 1" Hex Head Grade 5	F05005-101	1	
32	Cable, Board Return	016090	1	
33	Washer, 10.2 Split	F81055-2	2	
34	Bolt, 3/8-16 x 3/4" Hex Head	F81003-1	2	
35	Washer, 10.5 Flat	F81055-1	2	
36	Angle, Board Return	087835-1	1	

4.6 Water Lube Assembly



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	<b>TRAY ASSEMBLY, FUEL TANK/WATER BOTTLE</b>	A11685	1	
<b>1</b>	Tray, Fuel Tank/Water Bottle	090376-1	1	◆

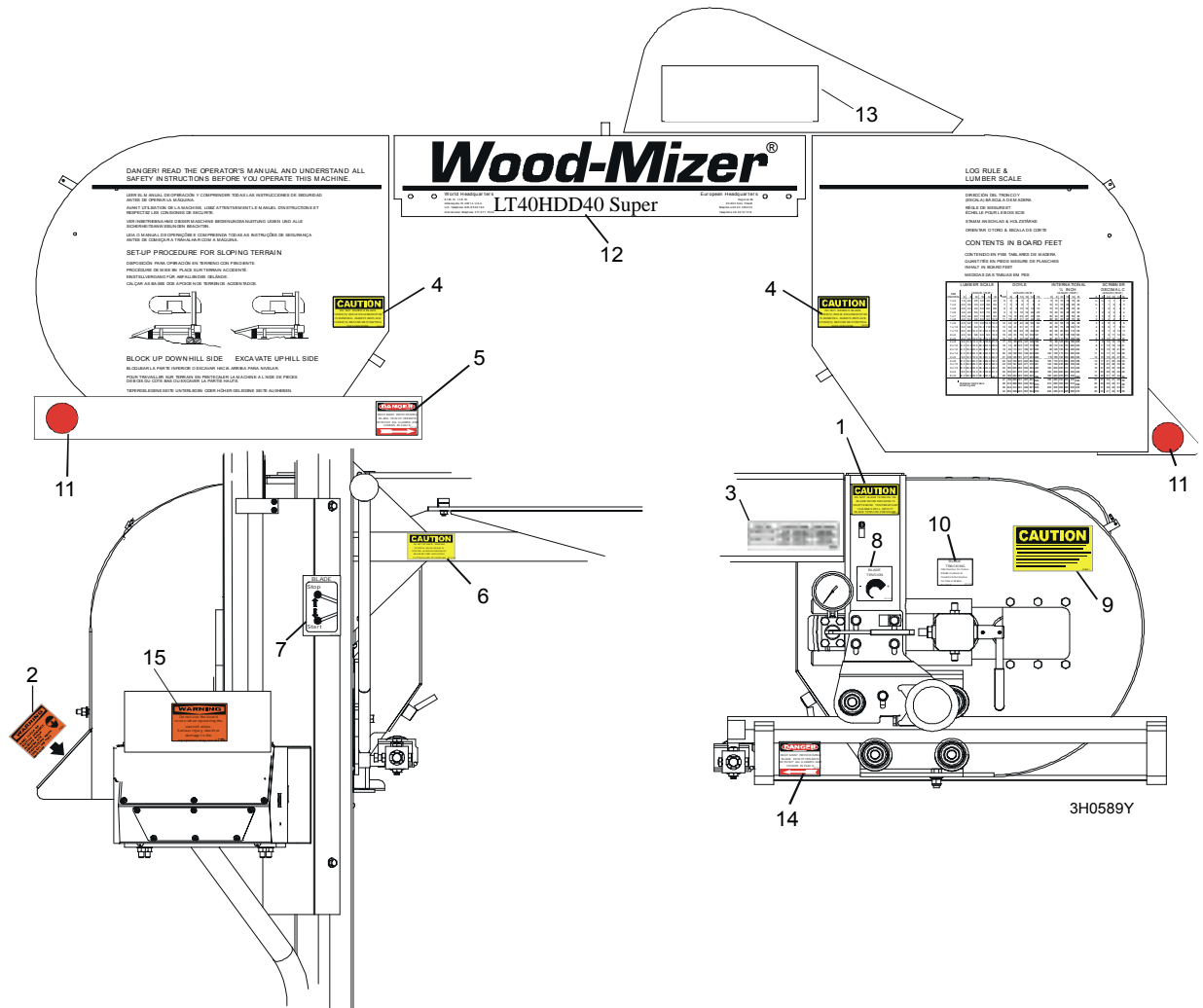
## 4

**Saw Head***Water Lube Assembly*

2	Strap, 24" Rubber (For Fuel Tank - See Engine Manual)	P11258	2	
3	Strap, 20" Rubber	P11668	3	
4	Bolt, 1/4-20 X 1" Carriage Head	F05005-34	4	
5	Nut, 1/4-20 Hex Lock	F05010-21	4	
6	<b>BOLT, 1/4-20 X 1" CARRIAGE HEAD</b>	F05005-34	1	
7	<b>BOLT, 1/4-20 X 1/2" CARRIAGE HEAD</b>	F05005-33	2	
8	<b>CLAMP, 1/2" EMT HOSE</b>	P07584	3	
9	<b>WASHER, 6.5 FLAT ZINC</b>	F81053-11	3	
10	<b>NUT, 1/4-20 HEX LOCK</b>	F05010-21	1	
11	<b>STRAP, 15" RUBBER</b>	P07461	1	
12	<b>NUT, 1/4-20 SELF-LOCKING</b>	F05010-21	2	
	<b>BOTTLE ASSY, WATER LUBE</b>	014642	1	
13	Bottle, 5-Gallon Water Lube	014637	1	
14	Cap, Water Lube Bottle Buttress Thread	014773	1	
15	<b>FITTING, 3/4FPT X 3/4MPT</b>	014636	1	
16	<b>FITTING, WATER LUBE SHUTOFF VALVE</b>	014100	1	
17	<b>FILTER, WATER LUBE</b>	016086 <sup>1</sup>	1	
18	<b>FITTING, 5/8" NPT TO 3/8" HOSE BARB</b>	014113	1	
19	<b>TUBING, WATER LUBE 3/8" I.D.</b>	R01885	2,1 m	

<sup>1</sup> Filter recommended for Super models to prevent debris from entering water lube solenoid valve.

### 4.7 Saw Head Decals



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	DECAL, BLADE TENSION CAUTION	P10147	1
2	DECAL, SAWDUST CHUTE WARNING	P11754	1
3	DECAL, BLADE TENSION RANGES	085080	1
4	DECAL, BLADE COVERS CAUTION	S20039	2
5	DECAL, BLADE DANGER ARROW RIGHT	S11752	1
6	DECAL, UP/DOWN CAUTION	S11762	1
7	DECAL, BLADE START/STOP	P11779	1
8	DECAL, BLADE TENSION INFO	P11790	1
9	DECAL, SECURE THE SAW HEAD (PORTABLE SAWMILL ONLY)	S12581	1
10	DECAL, BLADE ALIGNMENT INFO	P11789	1
11	DECAL, RED REFLECTIVE 2" ROUND (PORTABLE SAWMILL ONLY)	P07452	2
12	DECAL, SAWMILL TYPE	N/A	
	Decal, LT25E11S	086885	1
	Decal, LT25G15S	086886	1

## 4

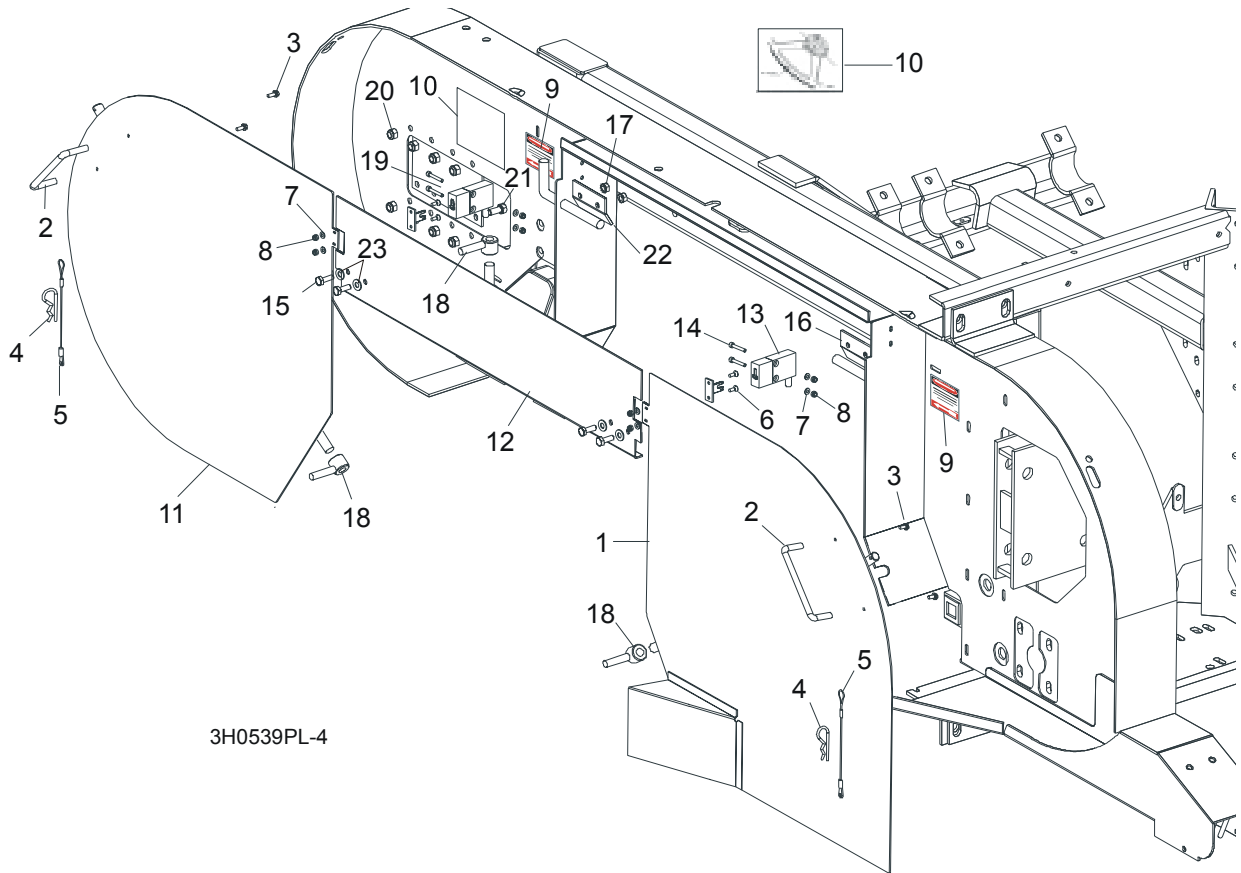
**Saw Head***Saw Head Decals*

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	Decal, LT25LE15S	086888	1	
	Decal, LT25LG15S	086889	1	
13	<b>DECAL, WOOD-MIZER WHAT'S IN A NAME</b>	S12528	1	
14	<b>DECAL, BLADE DANGER ARROW LEFT</b>	S11751	1	
15	<b>DECAL, EYE/EAR PROTECTION WARNING</b>	S11753	1	
	Decal, LT30HDD40S	086897	1	
	Decal, LT30HDE25S	086899	1	
	Decal, LT40HDD40S	086907	1	
	Decal, SUPER	085088	1	



## 4.8 Blade Housing Covers



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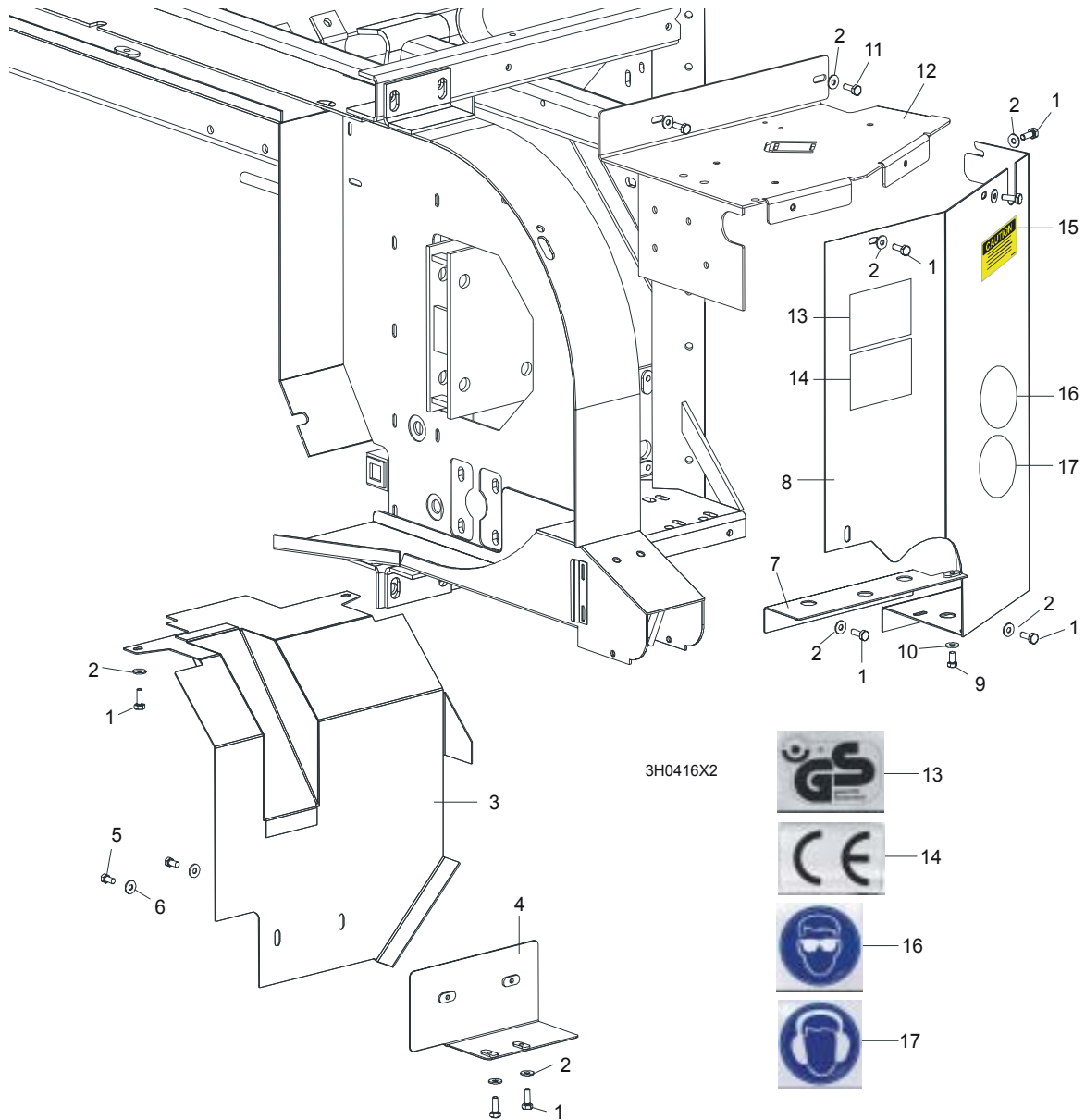
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	<b>COVER ASSEMBLY, DRIVE SIDE BLADE HOUSING WITH HANDLE</b>	087165	1	
1	Cover Weldment, Drive Side Blade Housing	087159-1	1	◆
2	Handle, Blade Housing Cover	P08065	1	
3	Screw, #8-32 x 3/8"	F05015-8	2	
	Pin Assembly, Cover Retainer	A11881	1	
4	Pin, Safety Retainer	N/A	1	
5	Cable, 3/64" x 6" Lanyard	N/A	1	
6	Bolt, M4 x 12-5.8	F81011-41	2	
7	Washer, 4.3	F81051-2	4	
8	Nut, M4 Hex	F81029-1	2	
9	<b>DECAL, BLADE DANGER W/ARROW</b>	S11751	2	
10	<b>DECAL, BLADE SETTING</b>	P85066	1	
	<b>COVER, IDLE SIDE BLADE HOUSING WITH HANDLE</b>	086431	1	
11	Cover, Idle Side Blade Housing	086430-1	1	◆
2	Handle, Blade Housing Cover	P08065	1	
3	Screw, #8-32 X 3/8" Self-Tap	F05015-8	2	

## 4

**Saw Head***Blade Housing Covers*

	Pin Assembly, Cover Retainer	A11881	1	
4	Pin, Safety Retainer	N/A	1	
5	Cable, 3/64" x 6" Lanyard	N/A	1	
8	Screw, M4 x 12-5.8	F81011-41	4	
9	Washer, 4.3 Flat	F81051-2	4	
10	Nut, M4 Hex	F81029-1	2	
12	<b>COVER, MIDDLE BLADE HOUSING</b>	087326-1	1	
13	Switch, Emergency Stop	087650	2	
14	Bolt, M4 x 20-8.8 Socket Head	F81011-31	4	
15	<b>BOLT, 1/4-20 X 3/4" HEX HEAD</b>	F05005-1	4	
16	<b>HINGE, MIDDLE BLADE HOUSING COVER</b>	S07522	1	
17	<b>NUT, 1/4-20 SELF-LOCKING HEX</b>	F05010-9	4	
18	<b>NUT, COVER TURN</b>	086365-1	2	
19	<b>PLATE, IDLE BLADE WHEEL GUARD</b>	086230	1	
20	<b>NUT, 5/16-18 HEX NYLON LOCK</b>	F05010-58	6	
21	<b>BOLT, 5/16-18 X 3/4" HEX HEAD GRADE 2</b>	F05006-5	6	
22	<b>HINGE, MIDDLE BLADE HOUSING COVER</b>	085336-1	1	
23	<b>WASHER 6.4 ZINC</b>	F81053-1	4	

### 4.9 Drive Belt Covers



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	<b>BOLT, M6X12-8.8-ZINC</b>	F81001-7	11
2	<b>WASHER 6,5 ZINC</b>	F81053-11	11
	<b>GUARD ASSEMBLY, CLUTCH LEVER SUPER</b>	086290 <sup>1</sup>	1
3	Guard Weldment, Manual Clutch	015657-1	1
4	Mount Weldment, Clutch Guard	086275-1	1
5	<b>BOLT, M6X12-8.8-ZINC</b>	F81001-7	2
6	<b>WASHER 6,5 ZINC</b>	F81053-11	2
	<b>GUARD ASSEMBLY, DRIVE PULLEY SIDE</b>	015155	1
7	Guard Weldment, Lower Up/Down	015654-1	1
8	Guard Weldment, C-Frame Enclosure '97	015655	1

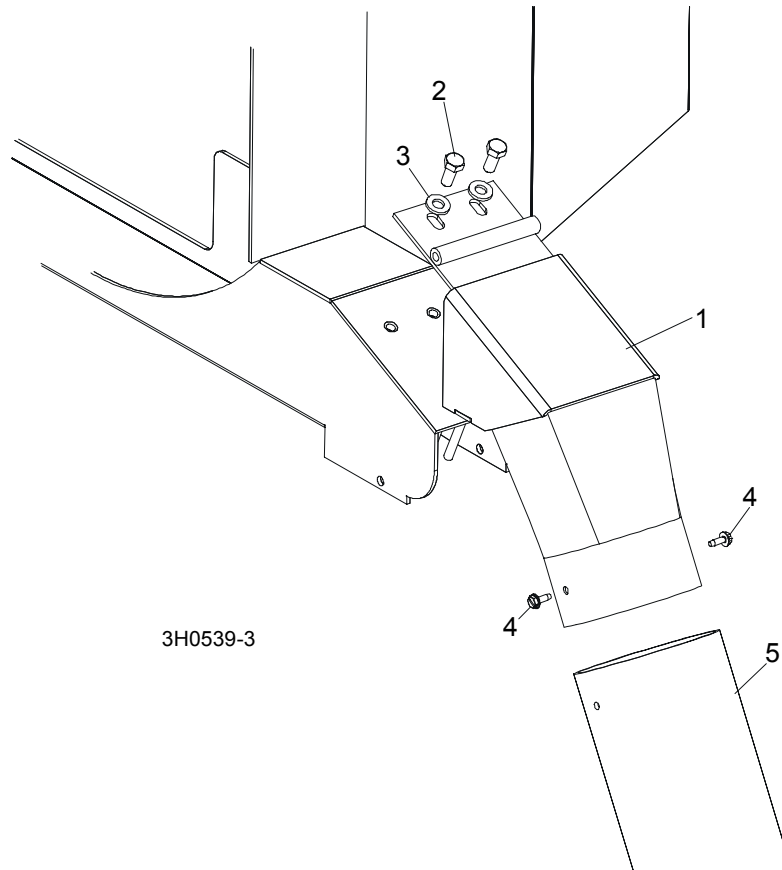
**4****Saw Head***Drive Belt Covers*

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9	Bolt, <b>M6X12-8.8</b> Hex Head Zinc	F81001-7	1	
10	Washer, 6.5 Flat Zinc	F81053-11	1	
11	<b>GUARD, DRIVE PULLEY TOP</b>	087033-1	1	
12	<b>DECAL, GS SAFETY CERTIFICATION</b>	P85073	1	
13	<b>DECAL, CE CRTIFIED SAWMILL</b>	P85071	1	
14	<b>DECAL, UP/DOWN MOVEMENT DANGER</b>	A11762	1	
15	<b>DECAL, EYE PROTECTION WARNING</b>	S12004G	1	
16	<b>DECAL, EAR PROTECTION WARNING</b>	S12005G	1	

<sup>1</sup> Different belt guards required if sawmill is equipped with autoclutch or remote option. See Section 5.3 of the Autoclutch Option manual or Section 5.14 of the Remote Option manual.

### 4.10 Sawdust Chute

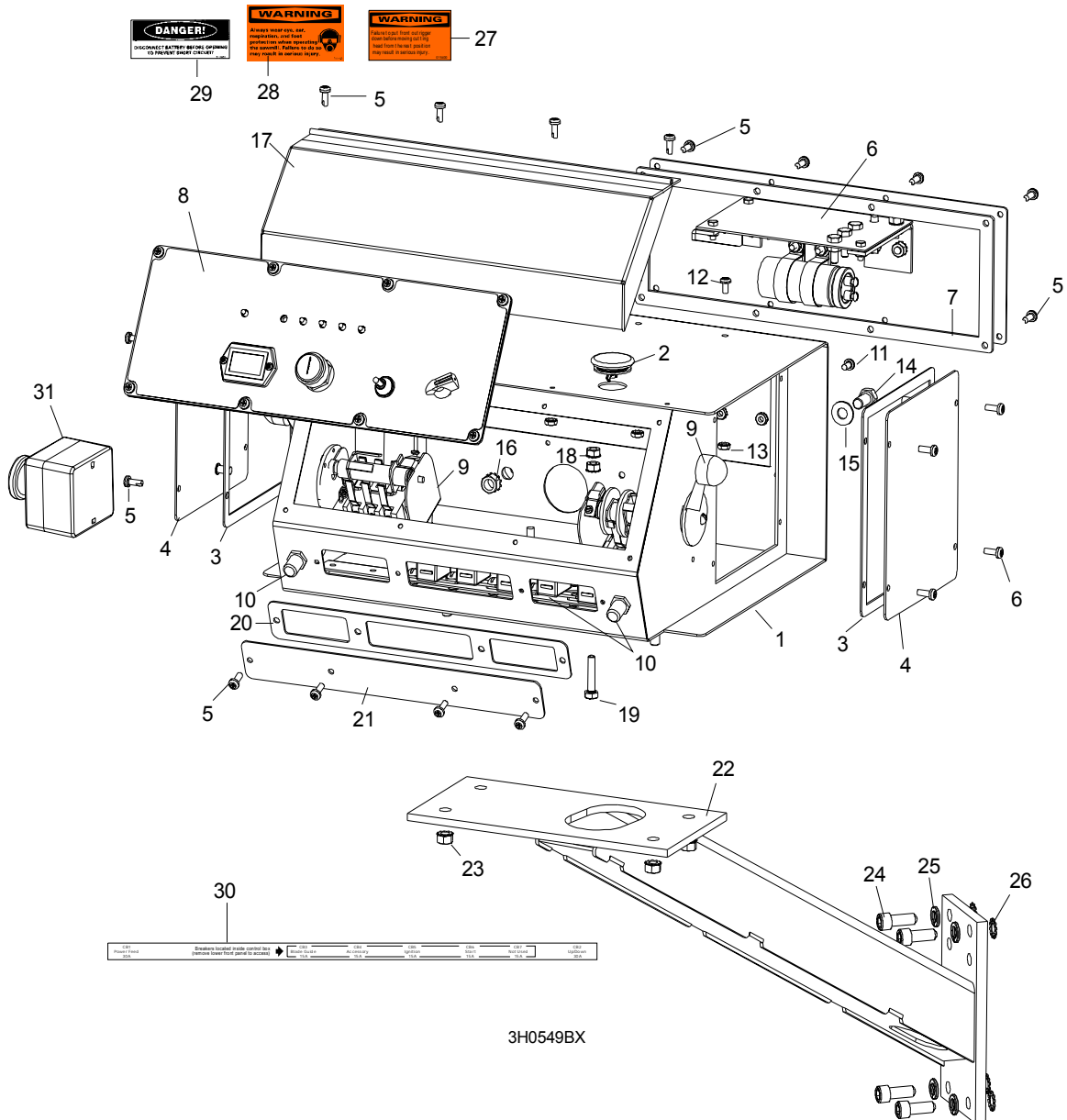


REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
1	CHUTE WELDMENT, SAWDUST	015466	1	
2	BOLT, M8X20-8.8-B-ZINC HEX HEAD	F81002-4	2	
3	WASHER 8,4-ZINC ROUND	F81054-1	2	
4	BOLT, #10-24 X 1/2" SELF-TAPPING	F05015-7	2	
5	TUBING, 4" I.D. RUBBER	086364	0.6 m	
	STRAP, 20" RUBBER W/HOOK	P11668	1	
	BOLT, 1/4-20 X 1 1/4" HEX HEAD FULL THREAD	F05005-3	1	
	WASHER, 7.4 FLAT	F81056-11	1	
	NUT, 1/4-20 LOCK	F05010-21	1	



## SECTION 5 CONTROL & BATTERY BOXES

### 5.1 Control Assembly, LT30HD/LT40HD



3H0549BX

REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	<b>CONTROL BOX ASSEMBLY, E15</b>	086575	1	
	<b>CONTROL BOX ASSEMBLY, G24</b>	086574	1	
	<b>CONTROL BOX ASSEMBLY, D30</b>	086573	1	
1	Box Weldment, Sawmill Control	016135	1	◆
2	Plug, AS075 Oilite	E20570	1	

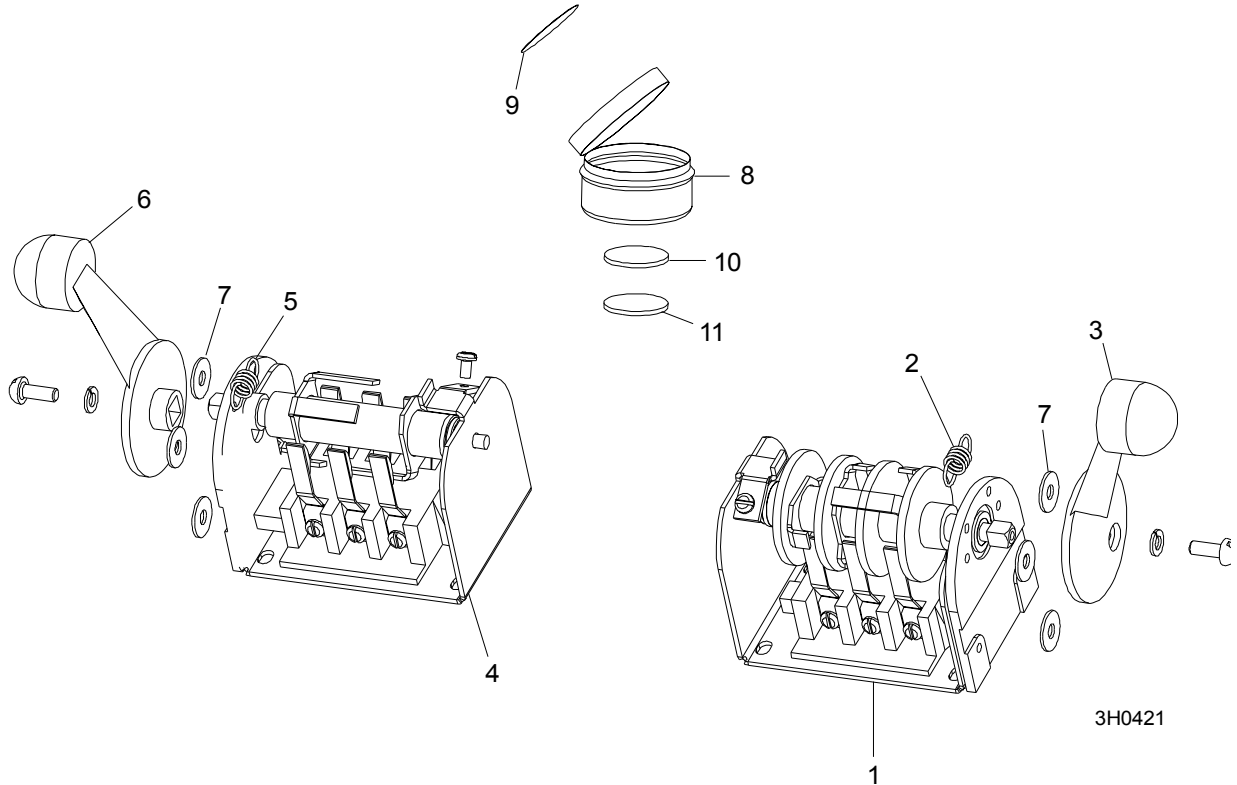
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**Control & Battery Boxes***Control Assembly, LT30HD/LT40HD*

3	Gasket, Control Box Side Access	015274	2	
4	Panel Weldment, Control Box Side Access	015307	2	
5	Screw, #10-24 x 1/2" Pan Head	F05015-17	24	
6	Panel Assembly, Power Feed Control	024412	1	
	Control Module, Power Feed SMT	024396-1	1	
7	Gasket, Rear Access Panel	015278	1	
8	Front Control Panel & Wiring Harnesses ( <a href="#">Section 5.4</a> )			
9	Drum Switches ( <a href="#">Section 5.2</a> )			
10	Circuit Breakers ( <a href="#">Section 5.3</a> )			
11	Screw, #10-24 x 3/8" Phillips Pan Head	F05004-3	2	
12	Screw, #10-24 x 3/8" Phillips Pan Head Machine with Neo Washer	F05004-148	4	
13	Nut, #10-24 Self Locking	F05010-14	6	
14	Bolt, 3/8-16 x 3/4" Hex Head	F05007-27	2	
15	Washer, 3/8" SAE Flat	F05011-3	2	
16	Nut, 3/8" Lock Nut	F05010-19	2	
17	Cover, Control Box Hinged	015304	1	
18	Nut, 1/4-20 Self Locking	F05010-9	2	
19	Bolt, 1/4-20 x 1 1/4" Hex Head Tap	F05005-3	1	
20	Gasket, Front Access Panel	015266	1	
21	Panel, Control Box Front Access	086704-1	1	
22	<b>MOUNT WELDMENT, STANDARD CONTROL BOX</b>	086732-1	1	
23	<b>NUT, 5/16-18 SELF-LOCKING HEX</b>	F05010-20	4	
24	<b>BOLT, M10 X 25-8.8 SOCKET HEAD</b>	F81003-32	4	
25	<b>WASHER, 3/8" SPLIT LOCK</b>	F05011-4	4	
26	<b>WASHER, 3/8" EXTERIOR STAR LOCK</b>	F05011-36	4	
27	<b>DECAL, FRONT OUTRIGGER WARNING</b>	015400	1	
28	<b>DECAL, EAR/EYE PROTECTION WARNING</b>	S11753	1	
29	<b>DECAL, DISCONNECT BATTERY DANGER</b>	S12002	1	
30	<b>DECAL, CIRCUIT BREAKER ID ('98 STD)</b>	024361	1	
31	<b>SWITCH, RED EMERGENCY STOP XALJ174F</b>	E22703-2	1	

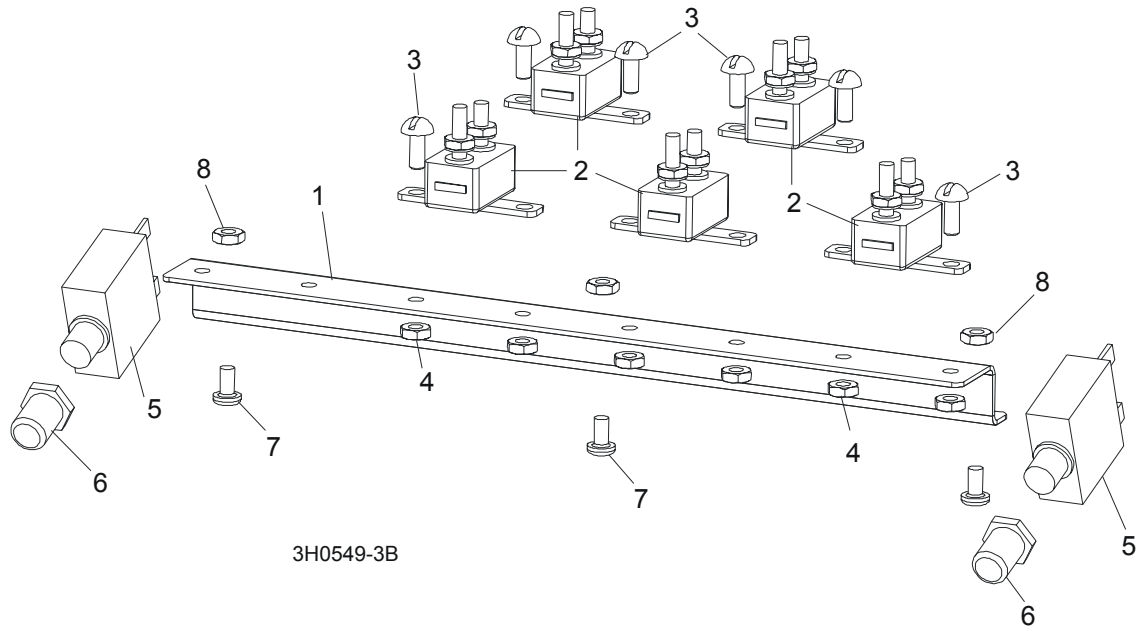


## 5.2 Drum Switches



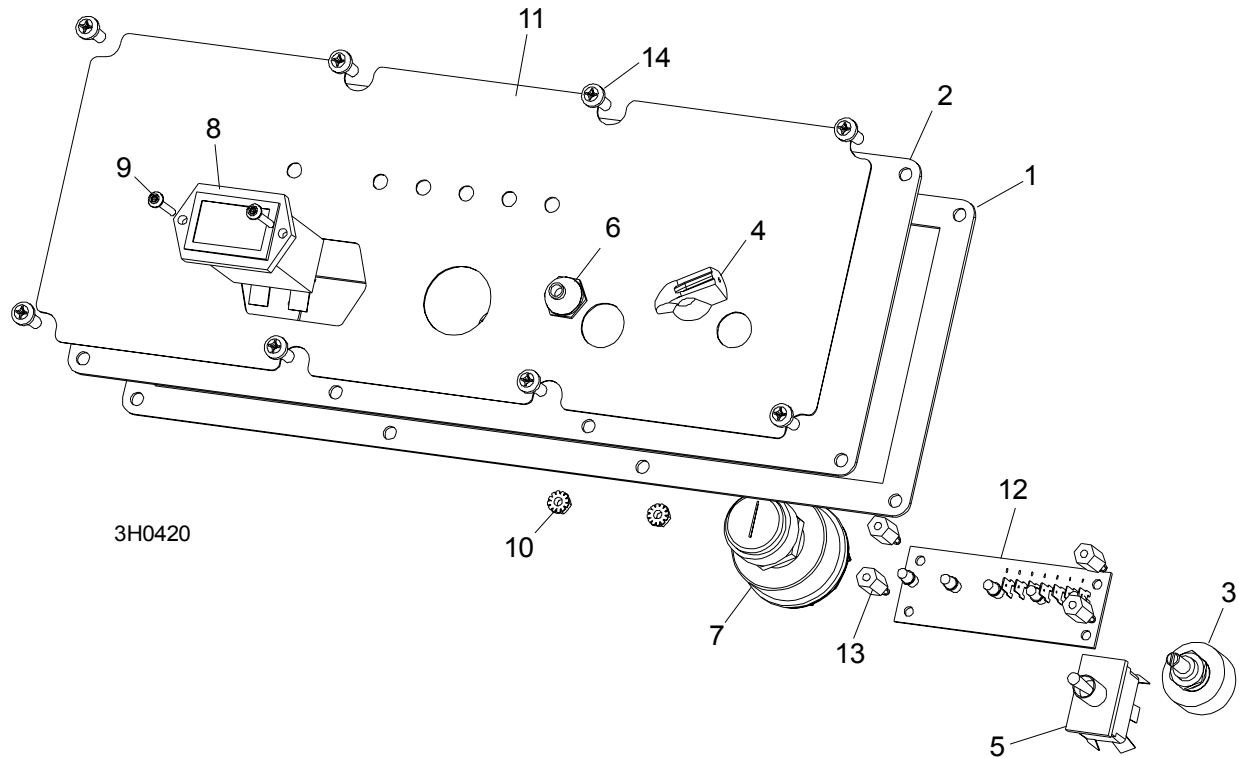
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	<b>SWITCH ASSEMBLY, UP/DOWN DRUM</b>	E20440	1	
1	Switch, S12 Bulk Drum	E20440-B	1	◆
2	Spring, Drum Switch	P12570	1	
3	Handle, Drum Switch Replacement	P12500	1	
	<b>SWITCH ASSEMBLY, POWER FEED DRUM</b>	E20438	1	
4	Switch, S10 Bulk Drum	E20438-B	1	◆
5	Spring, Drum Switch	P12570	1	
6	Handle, Drum Switch Replacement	P12500	1	
7	<b>WASHER, #8 SAE FLAT</b>	F05011-41	6	
	<b>CUP ASSEMBLY, DRUM SWITCH GREASE</b>	A20463	1	
8	Cup, Plastic Container	P20464	1	◆
9	Decal, Grease Cup Label	P20467	1	
10	Pad, Velcro Loop	P20466	1	◆
11	Pad, Velcro Hook	P20465	1	◆
	Grease, High Temp Drum Switch	P20468	.011m	◆

### 5.3 Circuit Breakers



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>BREAKER ASSEMBLY, SAWMILL CONTROL CIRCUIT</b>	015621	1
1	Rail, Circuit Breaker	015310	1
2	Breaker, 15 Amp Manual Reset	E20430	5
3	Screw, H M5x10 8.8 Slotted Head Zinc	F81000-13	6
4	Nut, M5-8 Hex Self-Locking Zinc	F81030-2	6
5	<b>BREAKER, 50 AMP MANUAL RESET PANEL MOUNT</b>	021256	2
6	<b>BOOT, CIRCUIT BREAKER</b>	021253	2
7	<b>BOLT, M5X12-5.8 ZINC</b>	F81000-5	3
8	<b>NUT, M5-8 SELF LOCKING ZINC</b>	F81030-2	3

## 5.4 Front Panel Assembly & Harnesses



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	PANEL ASSEMBLY, CONTROL FRONT (E15, G24)	086760	1	◆
	PANEL ASSEMBLY, CONTROL FRONT (D30)	024211	1	◆
1	Gasket, Front Panel	088387	1	
2	Panel Weldment, Control	015302	1	
3	Switch Assembly, Feed Rate	E20519	1	
4	Knob, Feed Rate With Set Screw	P06257	1	
5	Switch, Toggle	024200	1	
6	Boot, Toggle Switch Rubber	P02575	1	
7	Switch, Key	P04350	1	
8	Meter, Hour	015401	1	
9	Screw, 6-42 x 3/4" Socket Button Head Cap Stainless Steel	F05004-93	2	
10	Nut, 6-23 Self Locking	F05010-59	2	
11	Decal, Control Panel (G25)	015271	1	
	Decal, Control Panel (D30)	015269	1	
12	Board, LED Circuit ( )	015416	1	
	Board, LED Circuit (D30)	015409	1	
13	Spacer, 1/2"-#6 Threaded	023147	4	

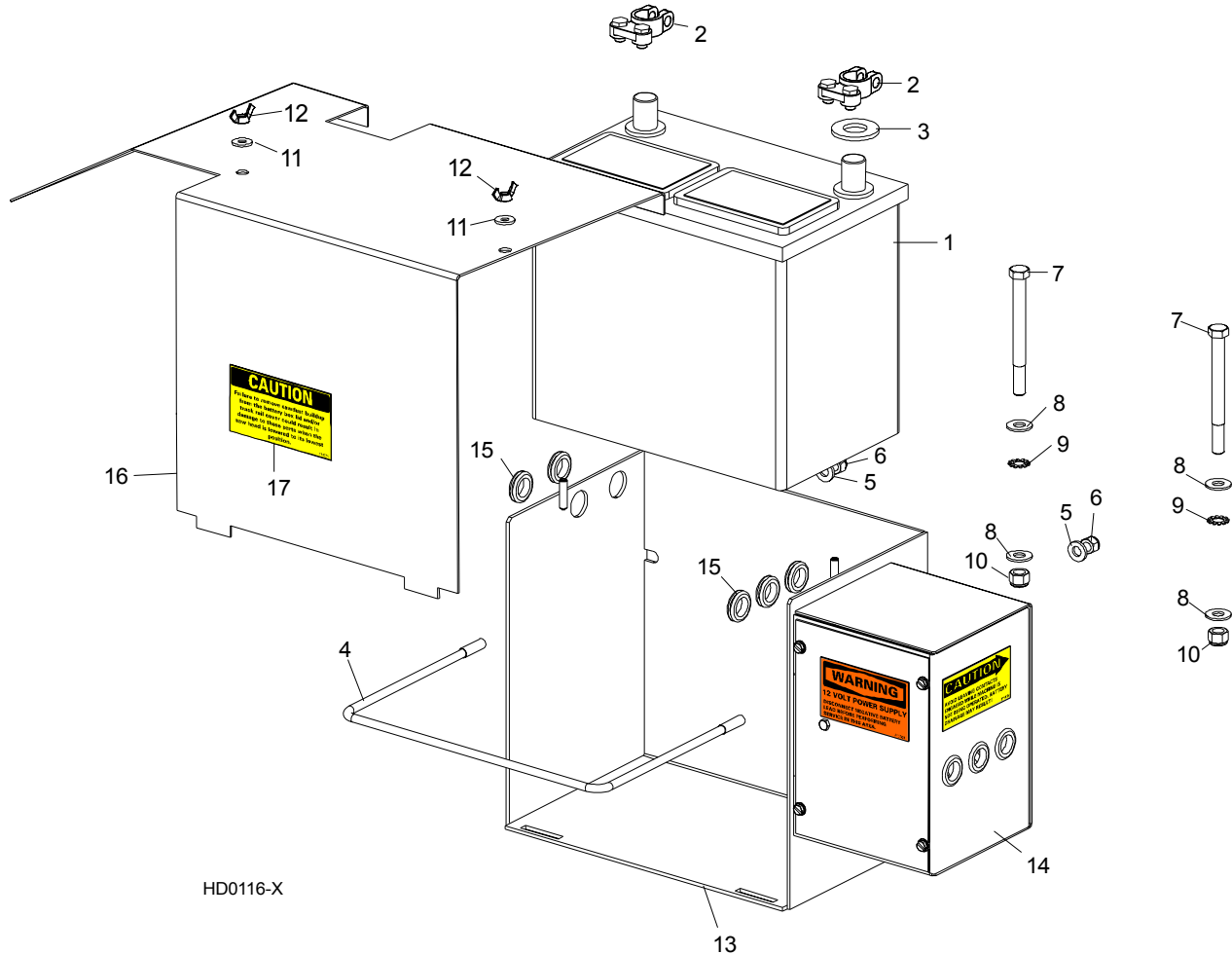
# 5

## Control & Battery Boxes

### Front Panel Assembly & Harnesses

	HARNESS ASSEMBLY, UPPER WIRING (E15)	024216	1	
	HARNESS ASSEMBLY, UPPER WIRING (G24)	087181	1	
	HARNESS ASSEMBLY, UPPER WIRING (D30)	024217	1	
	HARNESS ASSEMBLY, LOWER WIRING (E15)	015421	1	
	HARNESS ASSEMBLY, LOWER WIRING (G24)	087180	1	
	HARNESS ASSEMBLY, LOWER WIRING (D30)	015414	1	
14	Screw, #10-24 x 1/2" Pan Head	F05015-17	8	

## 5.5 Battery Box Assembly, LT30HD/LT40HD



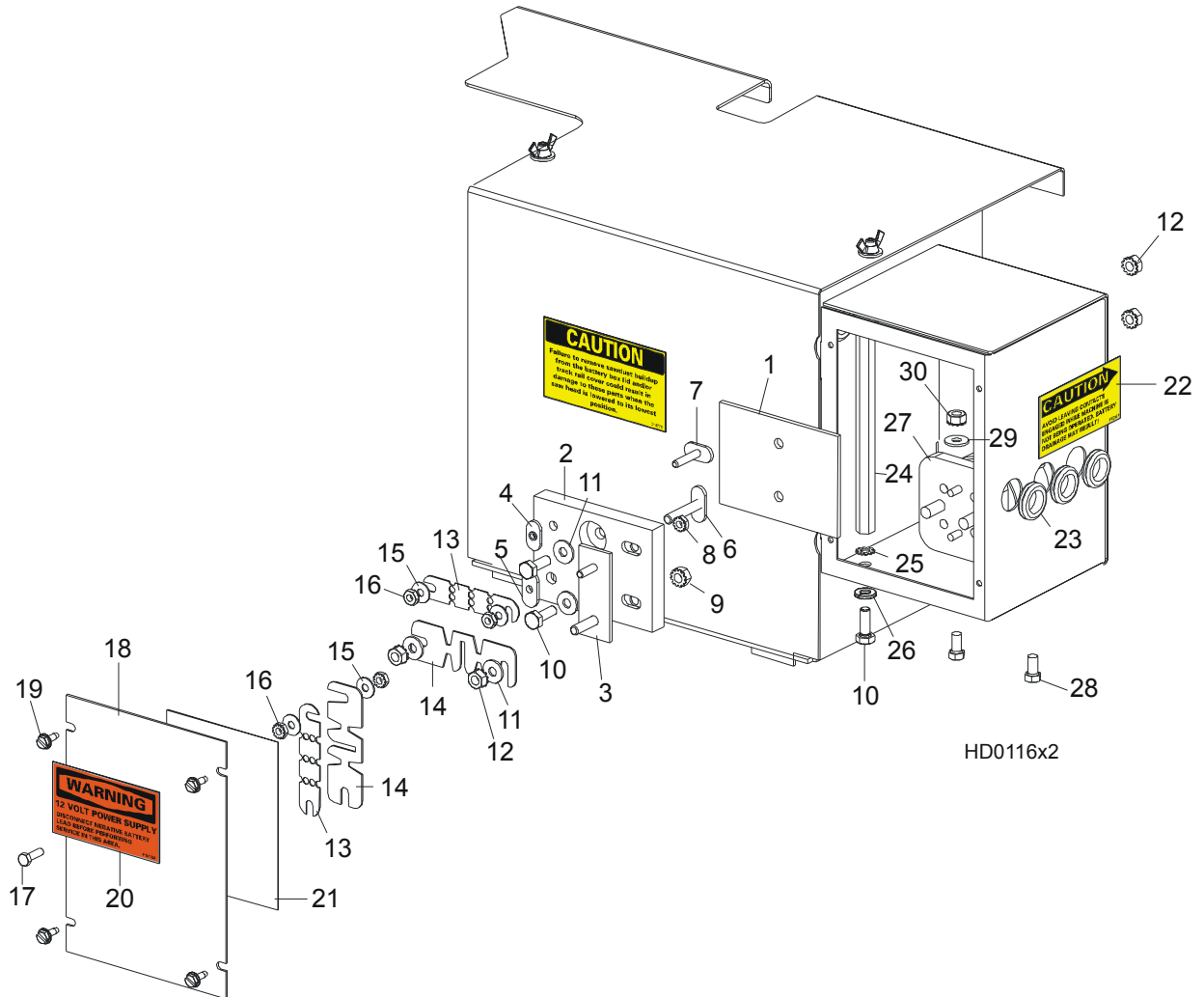
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART NUMBER	QTY.	
1	<b>BATTERY, 12 VOLT 74 AH BOSCH</b>	P85189-1	1	◆
	<b>BOX ASSEMBLY, LT30HD/LT40HD BATTERY</b>	015471	1	
2	Terminal, Battery	P05085	2	
3	Washer, Battery Terminal	P12161	1	
4	Retainer Loop, Battery	P09790	1	
5	Washer, 5/16" SAE Flat	F05011-17	2	
6	Nut, 5/16-18 Hex Nylon Lock	F05010-58	2	
7	Bolt, 3/8-16 X 4" Hex Head Grade 2	F05007-4	2	
8	Washer, 3/8" SAE Flat	F05011-3	2	
9	Washer, 3/8" External Star	F05011-36	2	
10	Nut, 3/8" Hex Nylon Lock	F05010-10	2	
11	Washer, 1/4" SAE Flat	F05011-11	2	
12	Nut, 1/4-20 Wing	F05010-13	2	
13	Box Weldment, Battery	015472	1	
14	Fuse Box Parts ( <a href="#">See Section 5.6</a> )			

**5****Control & Battery Boxes***Battery Box Assembly, LT30HD/LT40HD*

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	Contact Assembly, Hydraulic Positive ( <a href="#">See Section 9.3</a> )	A11971	1	
15	Grommet, 5/8" Rubber Wire	P11764	5	
16	<b>LID WELDMENT, BATTERY BOX STANDARD</b>	S10447	1	
17	<b>DECAL, BATTERY BOX LID CAUTION</b>	014774	1	

## 5.6 Fuse Box Assembly, LT30HD/LT40HD



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART NUMBER	QTY.	
1	<b>PAD, FUSE BOX INSULATOR</b>	015287	1	
	<b>FUSE BLOCK ASSEMBLY</b>	017665	1	
2	Block, Fuse Mount	015286	1	◆
3	Buss Weldment, Fuse Mount	015289	1	◆
4	Nut, #10-24 Cadmium Plated Weld	S12391	1	◆
5	Nut, 1/4-20 Cadmium Plated Weld	S12392	1	◆
6	Stud Weldment, 1/4-20 Fuse	W12389	1	◆
7	Stud Weldment, #10-24 Fuse	W12390	1	◆
8	Nut, #10-24 Self-Locking Hex	F05010-14	1	◆
9	Nut, 1/4-20 Self-Locking Hex	F05010-9	1	◆
10	<b>BOLT, 1/4-20 X 3/4" HEX HEAD FULL THREAD</b>	F05005-1	3	
11	<b>WASHER, 7.4 FLAT</b>	F81056-11	4	
12	<b>NUT, 1/4-20 HEX SELF-LOCKING</b>	F05010-9	4	
13	<b>FUSE LINK, 12 VOLT 150 AMP</b>	023361	2	

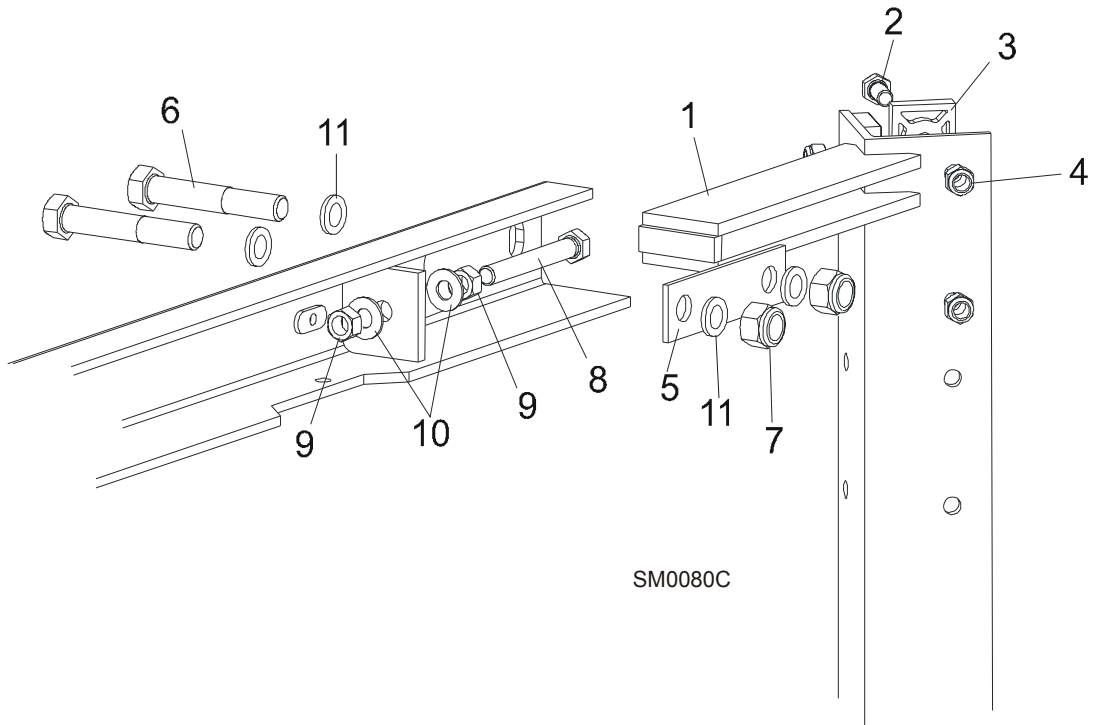
**5****Control & Battery Boxes***Fuse Box Assembly, LT30HD/LT40HD*

14	FUSE LINK, 12 VOLT 225 AMP	P11550	2	
15	WASHER, 5.3 FLAT	F81052-1	4	
16	NUT, #10-24 HEX SELF-LOCKING	F05010-14	4	
17	SCREW, #10-24 X 5/8" HEX HEAD	F05004-18	1	
18	COVER, FUSE BOX	086272-1	1	
19	SCREW, #10-24 X 1/2" SELF-TAPPING	F05015-7	4	
20	DECAL, 12 VOLT WARNING	P10364	1	
21	DECAL, '97 SUPER HYDRAULIC	015372	1	
22	DECAL, HYDRAULIC CONTACT CAUTION	P12960	1	
23	GROMMET, 5/8" RUBBER WIRE	P11764	3	
24	TERMINAL, EXTENDED HEX STUD	015517	1	
25	WASHER, 6.4 EXTERIOR STAR	F81053-2	1	
26	WASHER, 6.1 SPLIT LOCK	F81053-3	1	
27	SOLENOID, 200A 12V SPST CONT. DUTY	015470	1	
28	BOLT, 1/4-20 X 1/2" HEX HEAD	F05005-15	2	
29	WASHER, 7.4 FLAT	F81056-11	2	
30	NUT, 1/4-20 SELF-LOCKING HEX	F05010-9	2	



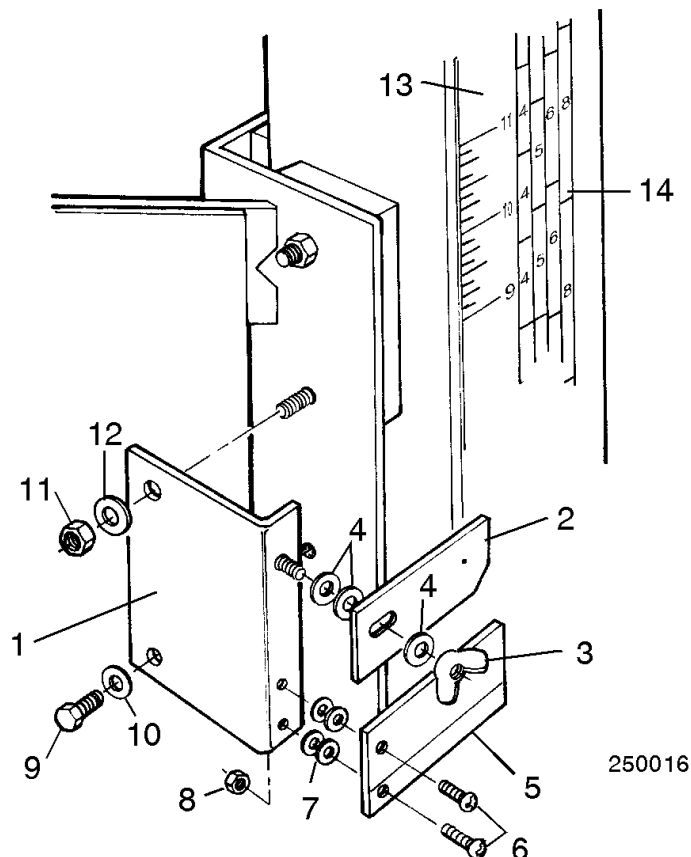
## SECTION 6 SAW HEAD MOUNT & SCALES

### 6.1 Saw Head V-Brace Mount



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	V-BRACE, SAW HEAD MOUNT	087125	1
2	BOLT, M8X20-5.8-ZINC HEX HEAD	F81002-4	10
	BOLT, M8X25-8.8-B-ZINC HEX HEAD	F81002-5	2
3	PAD, PLASTIC SLIDE	M04096	6
4	NUT, M8-8-B-ZINC HEX NYLON LOCK	F81032-2	12
5	PLATE, V-BRACE WASHER	091247	2
6	BOLT, M12X75-8.8-ZINC	F81004-21	4
7	NUT, M12 - 8 NYLON LOCK	F81034-2	4
8	BOLT, M10X70-8.8-ZINC HEX HEAD	F81003-20	2
9	NUT, M10-8-B-ZINC HEX	F81033-3	4
10	WASHER, 10.5 FLAT	F81055-1	4
11	WASHER, 13 SPLIT LOCK ZINC	F81056-1	8

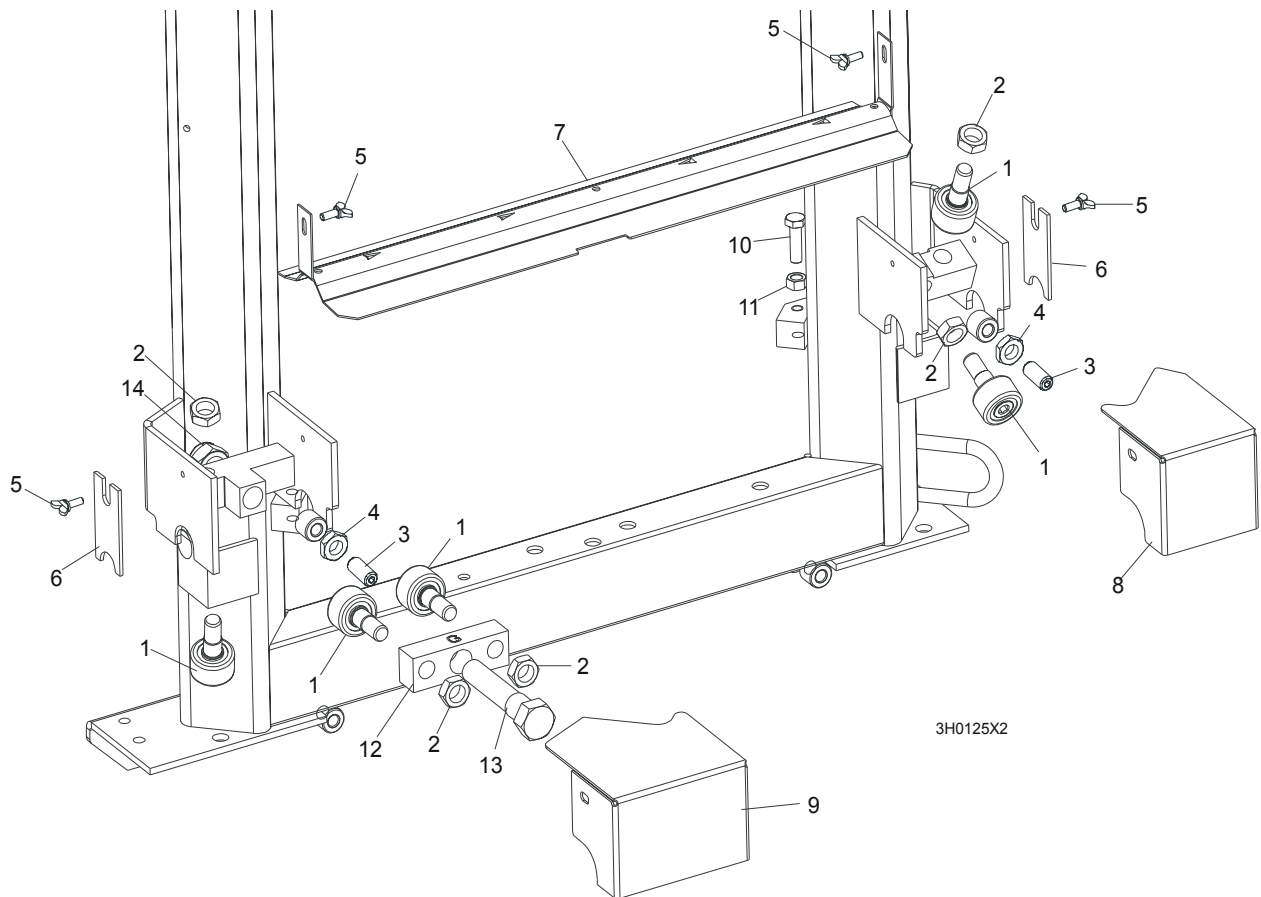
## 6.2 Blade Height Scale



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	<b>POINTER ASSEMBLY, LT25 BLADE HEIGHT</b>	A12414	1	
1	Bracket, Pointer Mount	086229-1	1	◆
2	Pointer, LT25 Quarter Scale	S12418	1	
3	Nut, 1/4-20 Wing	F05010-13	1	
4	Washer, 7.4 Flat	F81056-11	3	
5	Pointer, Lexan Blade Height	086691	1	
6	Screw, #10-24 x 3/8" Phillips Pan Head	F05004-3	2	
7	Washer, 5.3 Flat	F81052-1	4	
8	Nut, #10-24 Self Locking	F05010-14	2	
9	<b>BOLT, 1/4-20 X 1/2" HEX HEAD GRADE 2</b>	F05005-15	1	
10	<b>WASHER, 7.4 FLAT</b>	F81056-11	1	
11	<b>NUT, M8-8-B-ZINC HEX NYLON LOCK</b>	F81032-2	1	
12	<b>WASHER, 8.4 FLAT</b>	F81054-1	1	
13	<b>DECAL, 35" INCH SCALE</b>	P11038	1	
14	<b>DECAL, 35" QUARTER SCALE</b>	P11039	1	

## SECTION 7 POWER FEED & TRACK ROLLERS

### 7.1 Upper Track Rollers And Wipers

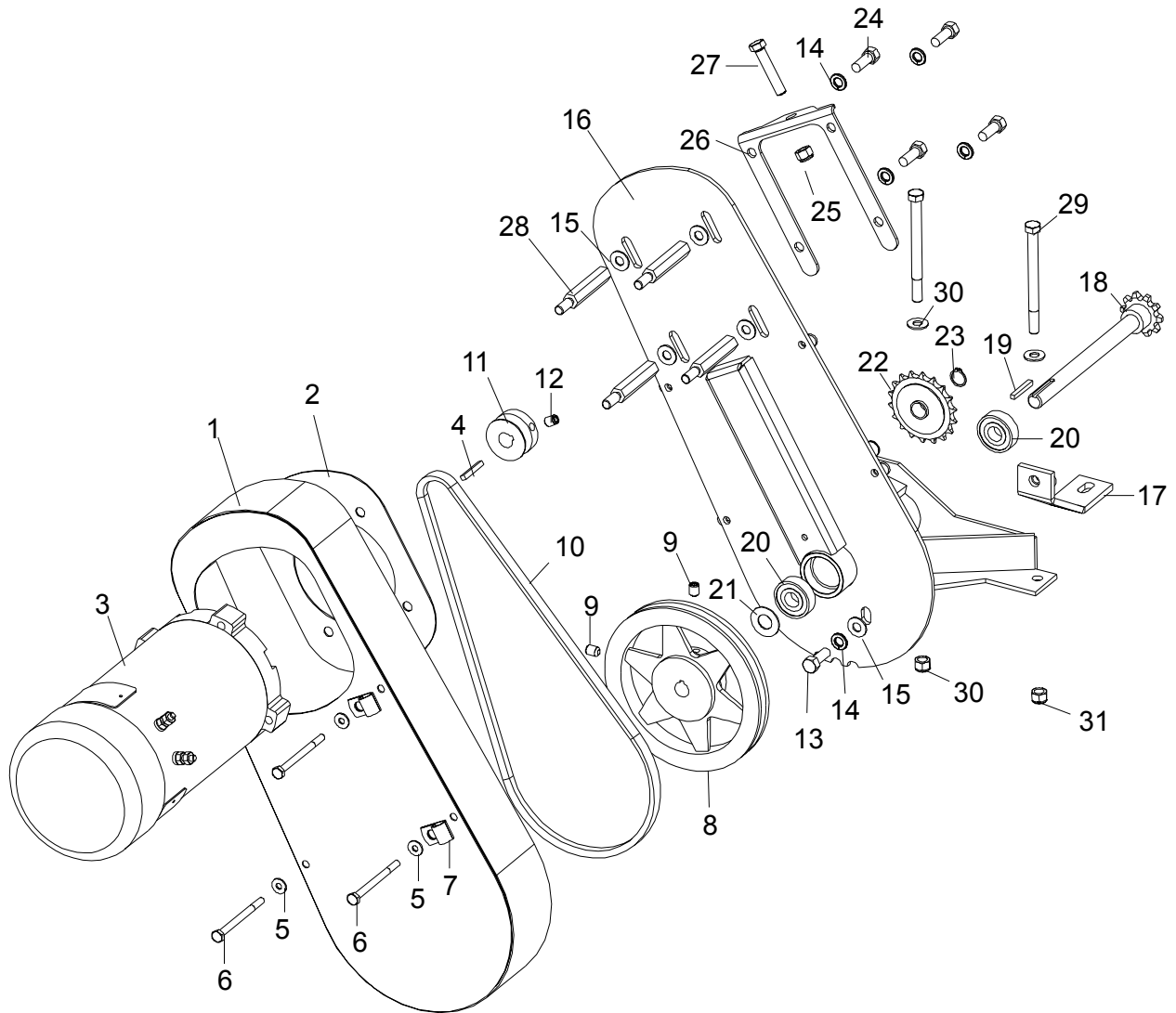


REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	ROLLER, TRACK CAM BEARING (MCGILL)	012797	5
2	NUT, 5/8-18 HEX JAM	F05010-11	5
3	SCREW, M12 X 30 OVAL POINT SET	F81004-14	2
4	NUT, M12-8-B HEX JAM	F81034-1	2
5	SCREW, M6 X 16 THUMB	F81001-16	4
6	WIPER, PLASTIC TRACK	M04113	2
7	COVER, MIDDLE TRACK OILER	S09917	1
	Wiper, Middle Track Felt	S09915	1
8	HOUSING, UPPER TRACK ROLLER REAR	086913-1	1
9	HOUSING, UPPER TRACK ROLLER FRONT	086914-1	1
10	BOLT, M10 X 35-8.8 HEX HEAD	F81003-17	2
11	NUT, M10-8 HEX JAM	F81033-3	2
12	BRACKET, UPPER TRACK ROLLER	086859-1	1
13	BOLT, HEX HEAD	086911	1
14	NUT, M20-8 HEX	F81037-2	1

# 7 Power Feed & Track Rollers

Power Feed Assembly, LT30HD/LT40HD Super

## 7.2 Power Feed Assembly, LT30HD/LT40HD Super



3H0619-2

REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>POWER FEED ASSEMBLY</b>	015125	1
1	Cover Weldment, Top Power Feed	015126	1
2	Plate, Power Feed Motor	015133	1
3	Motor, 3/4HP Power Feed Painted	024169	1
	Brush Kit, Leeson 3/4HP Motor (Includes 2 Brushes and 2 Springs)	024167	1
	Fan, 3/4 HP Leeson Motor Replacement	016087	1
4	Key, 3/16" Square x 1 3/8" Long	016109	1
5	Washer, 6.5 Flat	F81053-11	4
6	Bolt, M6x80 Hex Head Zinc	F81001-61	4

## Power Feed & Track Rollers

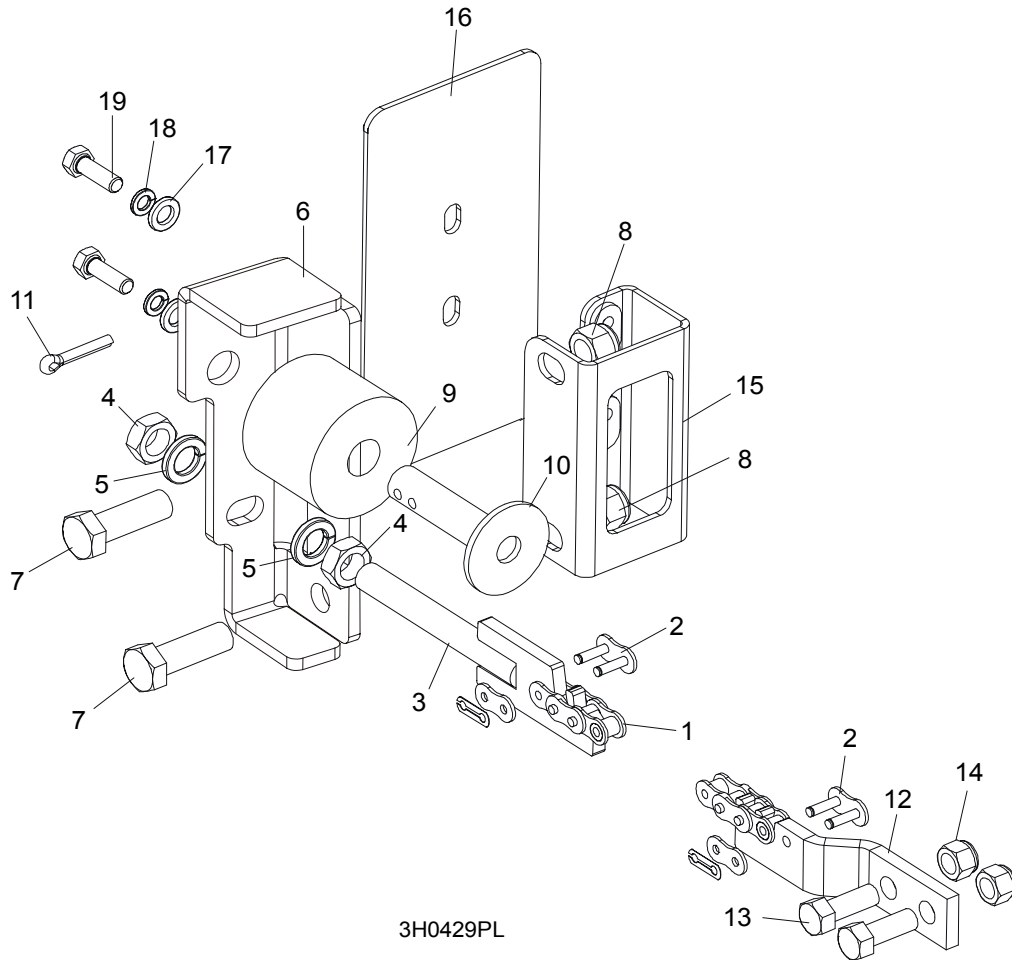
*Power Feed Assembly, LT30HD/LT40HD Super*

# 7

7	Clamp, 1/2" EMT Coated	P07584	2	
8	Sheave, AK71 x 5/8" Power Feed (200ft./min.)	016088 <sup>1</sup>	1	
9	Screw, 5/16-18 x 3/4" Cup Point Set	F05006-32	2	
10	Belt, AX36 (200ft./min.)	016083 <sup>1</sup>	1	
11	Sheave, 1 3/4" Feed Motor	015135	1	
12	Screw, 3/8"-16 x 1/2" Cup Point Set	F05007-12	1	
13	Bolt, M10x25-8.8 Hex Head Zinc	F81003-11	1	
14	Washer, 10.2 Split Lock	F81055-2	5	
15	Washer, 10.5 Flat	F81055-1	5	
16	Bracket, Power Feed Mount	015162-1	1	
17	Brace Weldment, Power Feed Mounting	086554-1	1	
	Shaft Assembly, Power Feed with Key	016066	1	
18	Shaft Weldment, Power Feed	015129	1	◆
19	Key, 3/16" Square x 1 3/8" Long	016108	1	
20	Bearing, 5/8" 6203-2NSL	P06030-1	2	
21	Washer, 5/8" x 15/16" x .094" Nylon	F05011-19	1	
22	Sprocket, 40 Idler 18T 5/8" ID	P04333	1	
23	Ring, Z15 Outer Retaining	F81090-2	1	
24	Bolt, 3/8-16 x 3/4" Hex Head	F05007-27	4	
25	Nut, 3/8-16 Hex Nylon Lock	F05010-10	1	
26	Plate, Belt Tensioner	015134	1	
27	Bolt, 3/8-16 x 2" Full Thread Hex Head	F05007-16	1	
28	Spacer, Power Feed Motor	015136	4	
29	<b>BOLT, 3/8-16 X 4 1/2" HEX HEAD</b>	F05007-35	2	
30	<b>WASHER, 10.5 FLAT</b>	F81055-1	4	
31	<b>NUT, 3/8-16 HEX NYLON LOCK</b>	F05010-10	2	

<sup>1</sup> Use kit 016085 to increase feed return rate to 220 ft./min. Kit includes AK64 sheave 016114, AX35 belt 015175, and instructions. Use kit 016070 to reduce feed return rate to 183 ft./min. Kit includes AL84 sheave 016115, AX38 belt 016068, and instructions.

### 7.3 Feed Chain/Stop, LT30HD/LT40HD Super

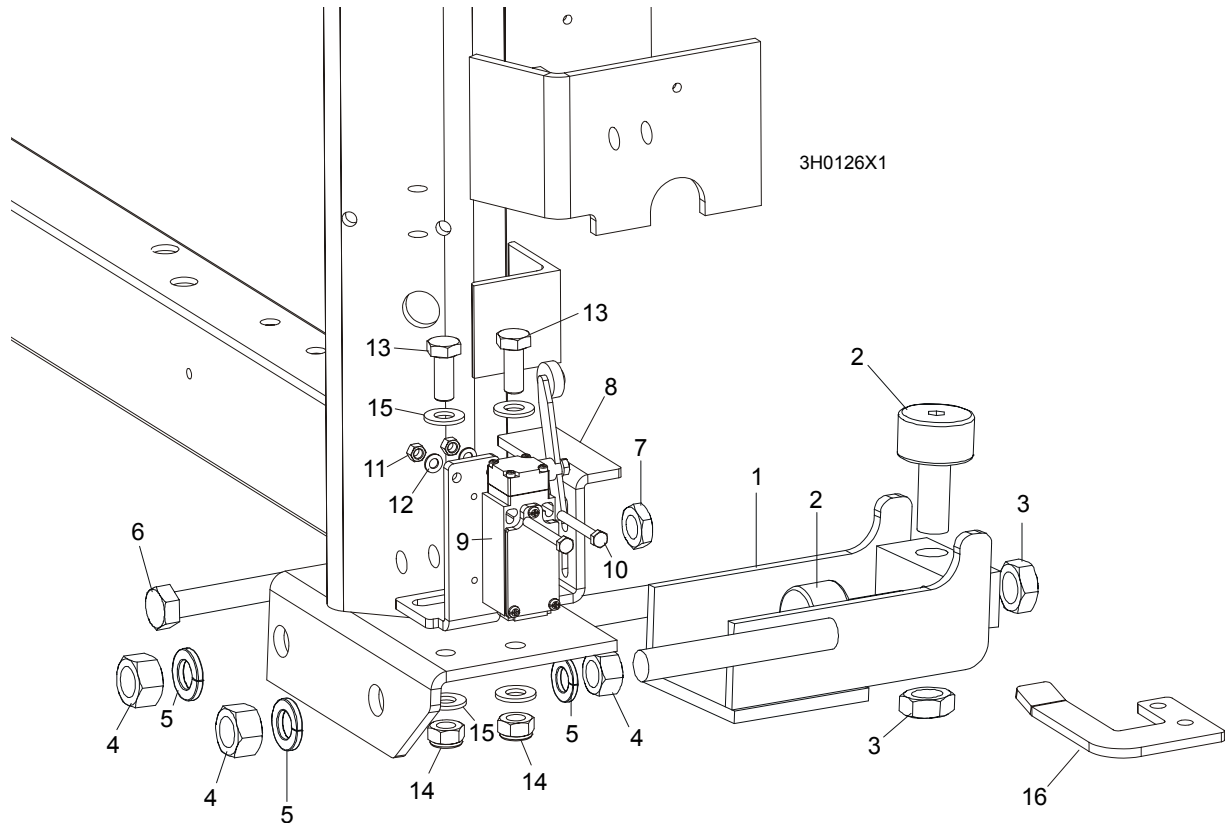


3H0429PL

REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>CHAIN KIT, LT30 FEED</b>	K10408	1
	<b>CHAIN KIT, LT40 FEED</b>	K10410	1
1	Chain, #40 X 215" LT30 Feed	014744	1
	Chain, #40 X 267.5" LT40 Feed	014475	1
2	Link, #40 Master	P04200	2
3	Tensioner Weldment, Power Feed Chain	086818-1	1
4	Nut, M12-5 Hex Jam	F81034-4	2
5	Washer, 12.2 Split Lock	F81056-2	2
6	<b>BRACKET, FEED CHAIN REAR MOUNT</b>	087628-1	1
7	<b>BOLT, M12 X 40 8.8 HEX HEAD GRADE 5</b>	F81004-4	2
8	<b>NUT, M12-8 HEX NYLON LOCK</b>	F81034-2	2
	<b>STOP KIT, RUBBER CARRIAGE</b>	K09630	2
9	Stop, Rubber Carriage	P12165	1
10	Pin, Rubber Carriage Stop	W09293	1
11	Pin, 3/16" X 1" Cotter	F05012-21	1
12	<b>BRACKET, FRONT FEED CHAIN MOUNT</b>	015008	1

13	BOLT, 3/8-16 X 1" HEX HEAD	F05007-7	2	
14	NUT, 3/8-16 HEX NYLON LOCK	F05010-10	2	
15	BRACKET WELDMENT, REAR MAIN TUBE COVER MOUNT	087105-1	1	
16	COVER, REAR MAIN TUBE	015023	1	
17	WASHER, 8.4 FLAT	F81054-1	2	
18	WASHER, 8.2 SPLIT LOCK	F81054-4	2	
19	BOLT, M8x25-8.8 HEX HEAD	F81002-5	2	

**7.4 Lower Track Rollers**

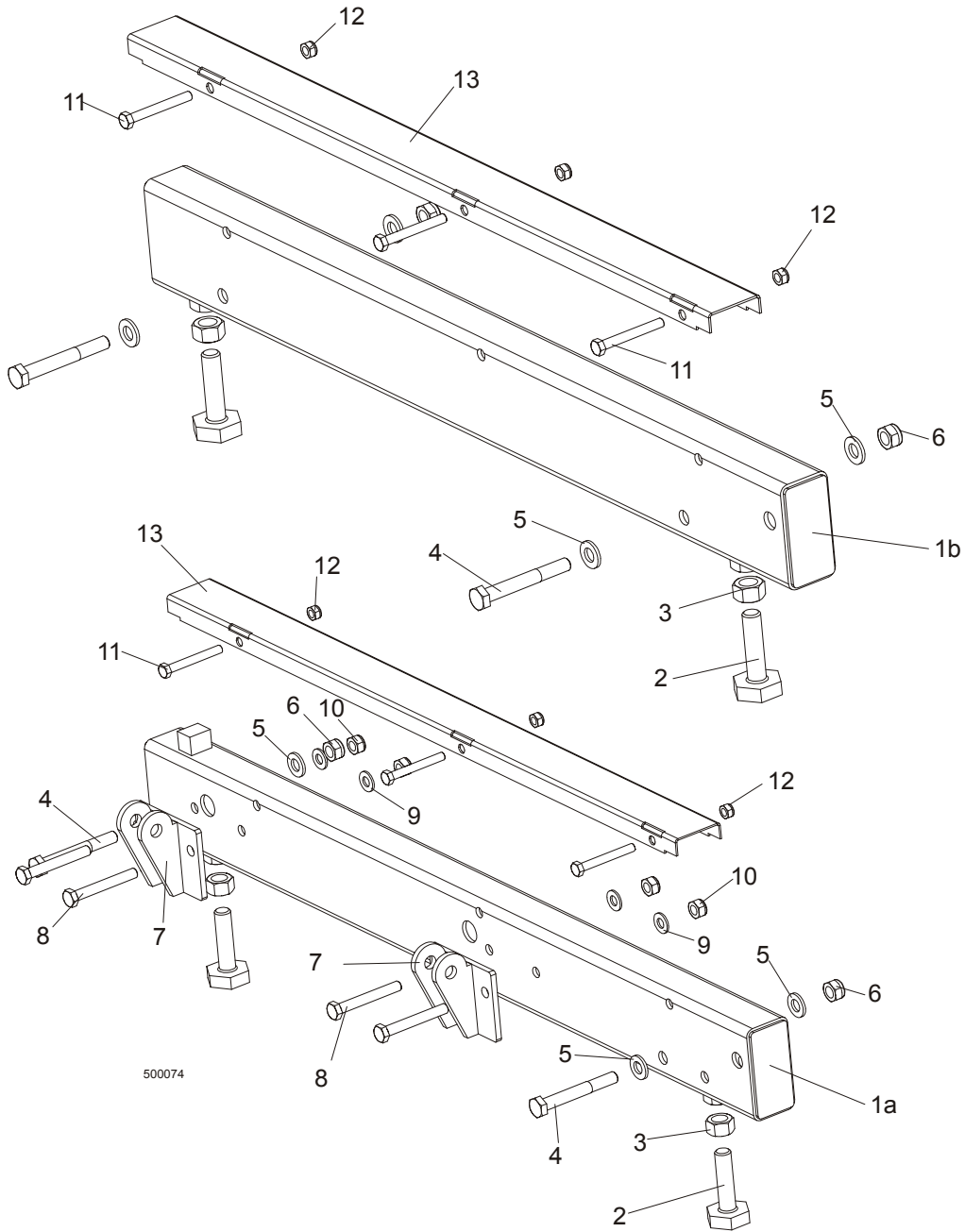


REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	<b>ROLLER ASSEMBLY, LOWER TRACK</b>	012995	2	
1	Bracket, Lower Track Roller Mounting	012982	1	◆
2	Roller, Track Cam Bearing (McGill)	012797	2	
3	Nut, 5/8-18 Hex Jam	F05010-11	2	
4	Nut, 5/8-11 Hex	F05010-5	4	
5	Washer, 16.3 Split Lock	F81058-2	4	
6	<b>BOLT, M12 X 55-8.8 HEX HEAD FULL THREAD</b>	F81004-12	2	
7	<b>NUT, M12-8-B HEX JAM</b>	F81034-1	2	
8	<b>BRACKET, POWER SUPPLY STRIP AND LIMIT SWITCH</b>	086380-1	1	
9	<b>SWITCH, GLCB01A2B LIMIT</b>	086469	1	
10	<b>BOLT, M5 X 40 8.8 HEX HEAD</b>	F810000-11	2	
11	<b>NUT, M5-8</b>	F81030-1	2	
12	<b>WASHER, 5.3 FLAT</b>	F81052-1	2	
13	<b>BOLT, M10 X 25 8.8</b>	F81003-11	2	
14	<b>NUT, M10 NYLON</b>	F81033-1	2	
15	<b>WASHER, 10.5 FLAT</b>	F81055-1	2	
16	<b>BRACKET, LIMIT SWITCH</b>	086473-1	1	



**SECTION 8 BED FRAME ASSEMBLY**

**8.1 Bed Rail Assembly, Front and Rear**



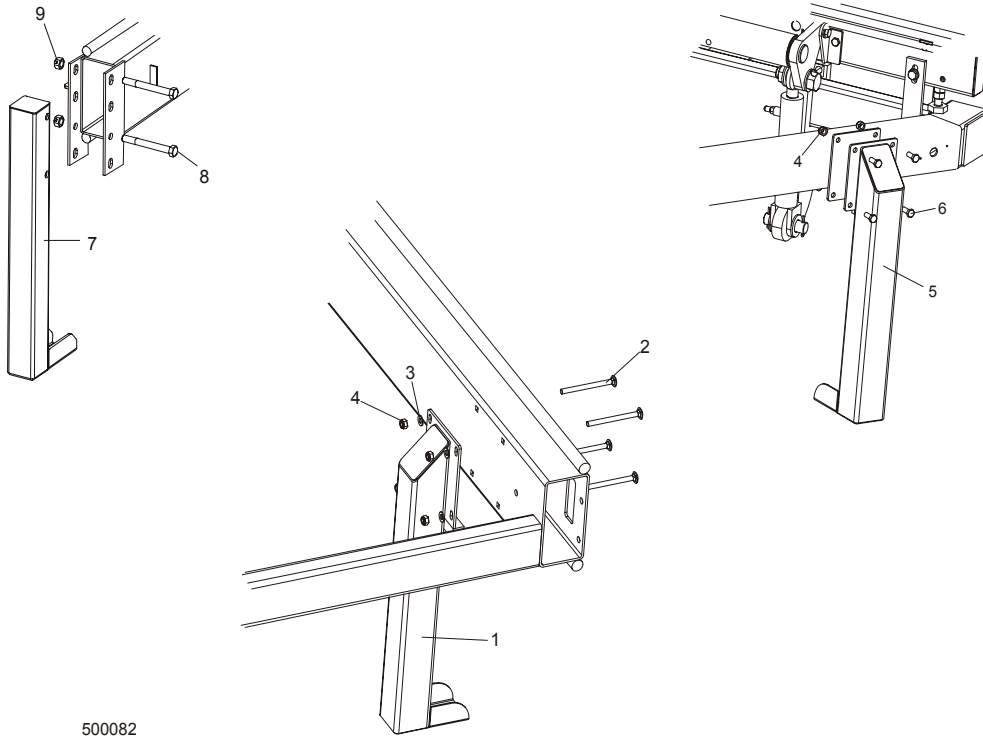
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>BED RAIL ASSEMBLY, LONG</b>	089385	6

## 8

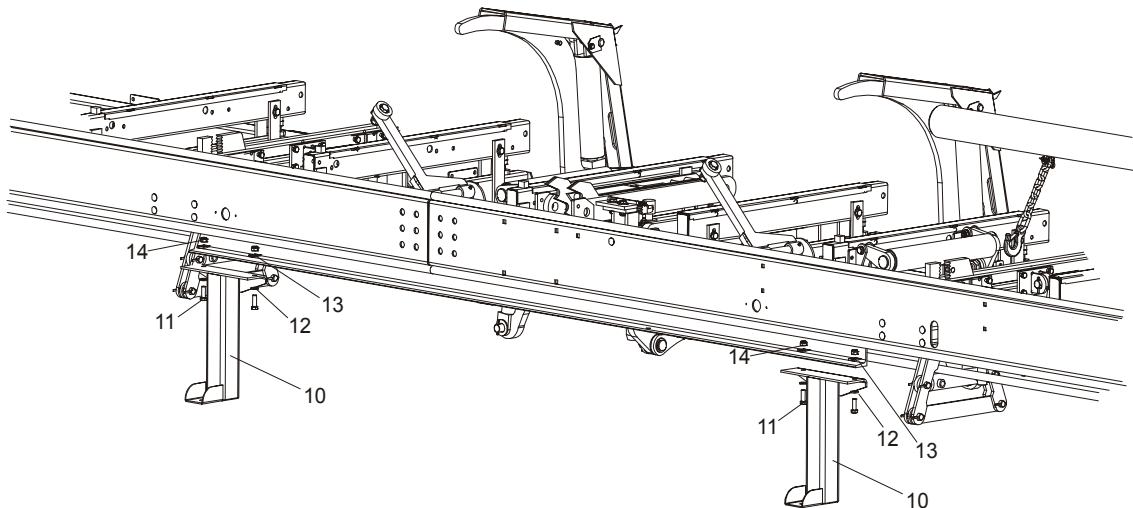
**BED FRAME ASSEMBLY***Bed Rail Assembly, Front and Rear*

<b>1a</b>	Bed Rail Tube, Long	087433	1	◆
<b>2</b>	Bolt, M16 Bed Rail Adjustment	086809	2	
<b>3</b>	Nut, M16-5-B Hex	F81036-5	2	
	<b>BED RAIL ASSEMBLY, SHORT</b>	089386	2	
<b>1b</b>	Bed Rail Tube, Short	087878	1	◆
<b>2</b>	Bolt, M16 Bed Rail Adjustment	086809	2	
<b>3</b>	Nut, M16-5-B Hex	F81036-5	2	
<b>4</b>	<b>BOLT, M12x90-8.8 ZINC HEX HEAD</b>	F81004-2	2	
<b>5</b>	<b>WASHER, 13 FLAT ZINC</b>	F81056-1	4	
<b>6</b>	<b>NUT, M12-8 HEX NYLON ZINC LOCK</b>	F81034-2	2	
<b>7</b>	<b>BRACKET, TOE BOARD ROLLER MOUNT</b>	087903-1	2	
<b>8</b>	<b>BOLT, M10x75-8.8 ZINC HEX HEAD</b>	F81003-15	4	
<b>9</b>	<b>WASHER, 10.5 FLAT ZINC</b>	F81055-1	4	
<b>10</b>	<b>NUT, M10-8-B HEX NYLON ZINC LOCK</b>	F81033-1	4	
<b>11</b>	<b>BOLT, M8 x 65-5.8 ZINC HEX HEAD</b>	F81002-3	3	
<b>12</b>	<b>NUT, M8-8-B HEX NYLON ZINC LOCK</b>	F81032-2	3	
<b>13</b>	<b>COVER, STAINLESS STEEL BED RAIL</b>	S09944	1	

**8.2 Leg, Stationary**



500082



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	LEG, LONG STATIONARY	087451-1	1
2	BOLT, M10X120 8.8 ZINC MUSHROOM HEAD SQUARE NECK	F81003-33	4
3	WASHER, 10.5 FLAT ZINC	F81055-1	4

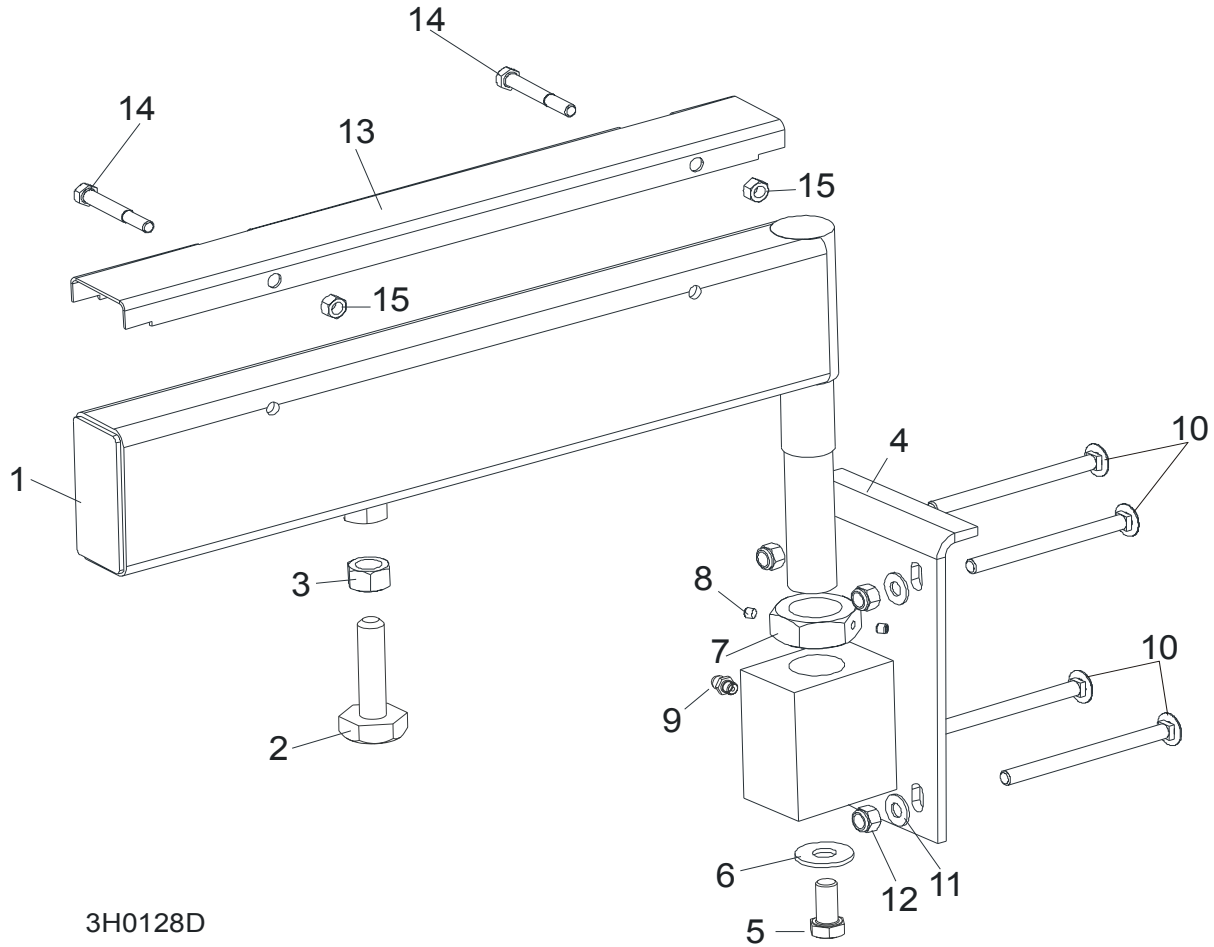
# **8** **BED FRAME ASSEMBLY**

*Leg, Stationary*

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4	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	32	
5	LEG, LEFT STATIONARY	087450-1	7	
6	BOLT, M10X25-8.8 ZINC HEX HEAD	F81003-11	28	
7	LEG, FRONT STATIONARY	087452-1	1	
8	BOLT, M16 X 140 - 8.8 HEX HEAD	F81006-4	2	
9	NUT, M16-8 HEX NYLON LOCK	F81036-2	2	
10	LEG, MIDDLE STATIONARY	087093-1	2	
11	BOLT, M12X35-8.8	F81004-24	4	
12	WASHER, 13 FE/ZN5	F81056-1	4	
13	WASHER, 14 SQUARE TAPER	F81055-13	4	
14	NUT, M12-8 HEX NYLON ZINC LOCK	F81034-2	4	

**8.3 Pivot Bed Rail Assembly**



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART#	QTY.
	<b>PIVOT BED RAIL, COMPLETE</b>	087855	2
1	Pivot Bed Rail Assembly	087848-1	1
	Bolt Assembly, Bed Rail Adjustment		1
2	Bolt, Pivot Bed Rail Adjustment	086809	1
3	Nut, M16-5.8 Zinc Hex	F81036-1	1
4	Bracket, Pivot Bed Rail Mounting	087841-1	1
5	Bolt, M12x25-8.8 Hex Head Full Thread Zinc	F81004-31	1
6	Washer, 9/16" Zinc Flat	F05011-52	1
7	Nut, M32x2-04-B Zinc	087975	1
8	Screw, M6x8 Hex Socket Set Cone Point Zinc	F81013-1	2
9	Fitting, 3/16" Straight Grease	086280	1
10	<b>BOLT, M10X125 8.8 MUSHROOM HEAD SQUARE NECK ZINC</b>	F81003-34	4

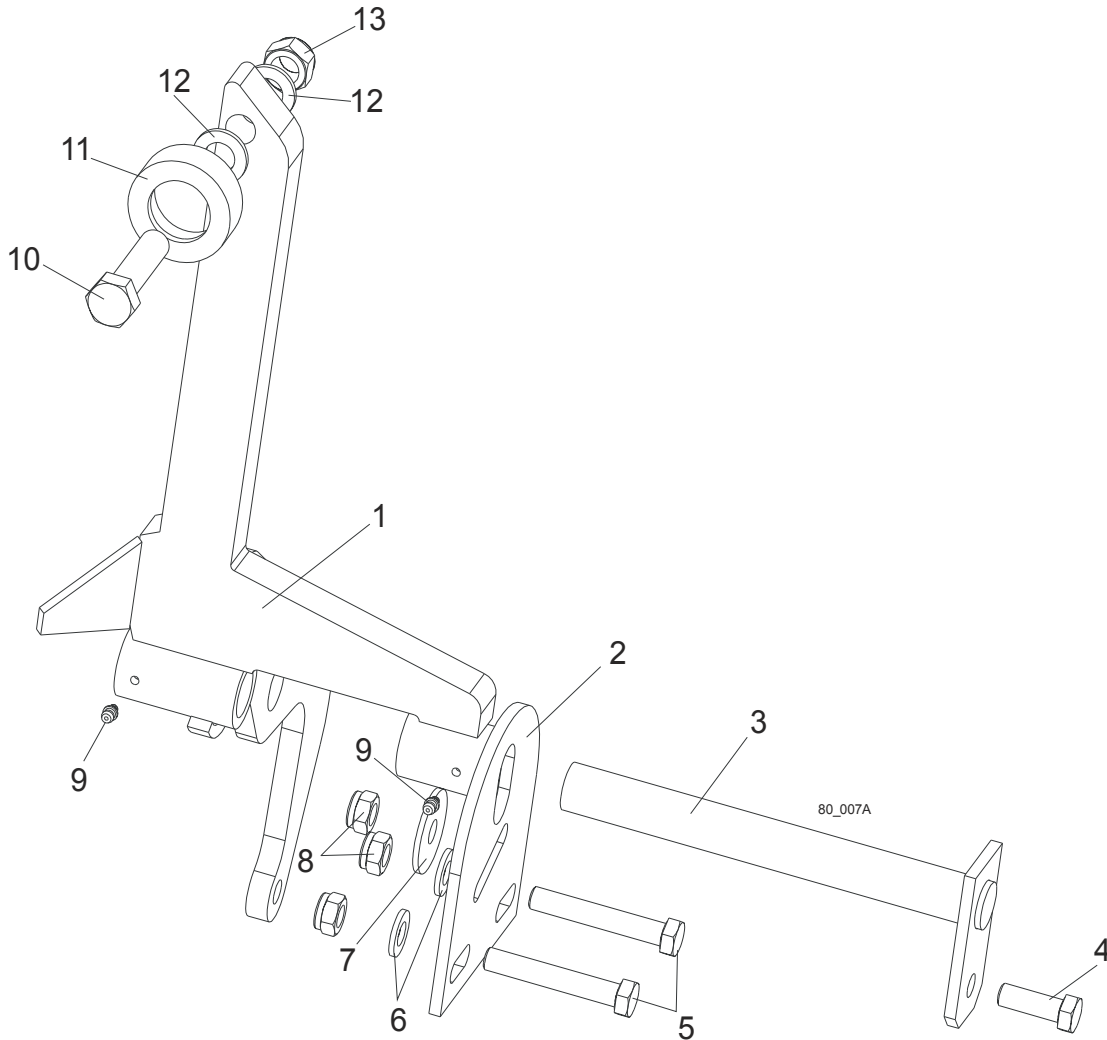
# 8 BED FRAME ASSEMBLY

## *Pivot Bed Rail Assembly*

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11	WASHER, 10.5 FLAT	F81055-1	8	
12	NUT, M16-8 HEX NYLON ZINC LOCK	F81036-2	8	
	<b>COVER KIT, STAINLESS STEEL PIVOT BED RAIL</b>	N/A	2	
13	Cover, Pivot Bed Rail	S13012	1	
14	Bolt, M8x65-5.8 Hex Head Zinc	F81002-3	2	
15	Nut, M8-8-B Hex Nylon Zinc Lock	F81032-2	2	
	<b>WRENCH, BED RAIL ADJUSTMENT (<a href="#">Patrz rozdział 8.3</a>)</b>	015970	1	

**8.4 Log Side Support Assembly**



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>HYDRAULIC LOG SIDE SUPPORT</b>		<b>4</b>
1	Support, Log Side	085578	1
2	Plate, Log Side Support End	S09148	1
3	Pin Weldment, Log Side Support	W09238	1
4	Bolt, M12x35-8.8 Hex Head Full Thread Zinc	F81004-24	1
5	Bolt, M12x75-8.8 Hex Head Zinc	F81004-21	2
6	Washer, 13 Zinc Flat	F81056-1	2
7	Washer, 45/13 Special	086184	1
8	Nut, M12-8 Hex Nylon Zinc Lock	F81034-2	3
9	Fitting, 3/16" Straight Grease	P04107	2
10	Bolt, M16x65-8.8-B Hex Head Full Thread Zinc	F81006-1	1

# **8** **BED FRAME ASSEMBLY**

## *Log Side Support Assembly*

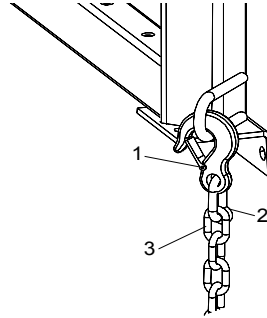
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<b>11</b>	Roller, Log Side Support	015015	1	
<b>12</b>	Washer, 17 Zinc Flat	F81058-1	2	
<b>13</b>	Nut, M16-8 Hex Nylon Zinc Lock	F81036-2	1	



**8.5 Tie Down Chain Assembly**

SM0129

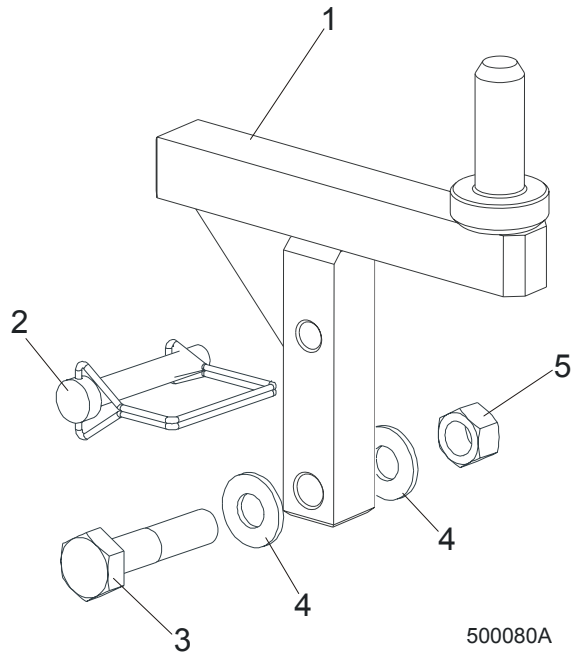


REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	<b>CHAIN ASSEMBLY, TIE DOWN</b>	A04376	1	
1	Hook, 5/8" Safety Chain	P12075	1	◆
2	Link, 3/8" Lap	014457	1	◆
3	Chain, n-10 x 35	R80558	.28 m	◆

# 8 BED FRAME ASSEMBLY

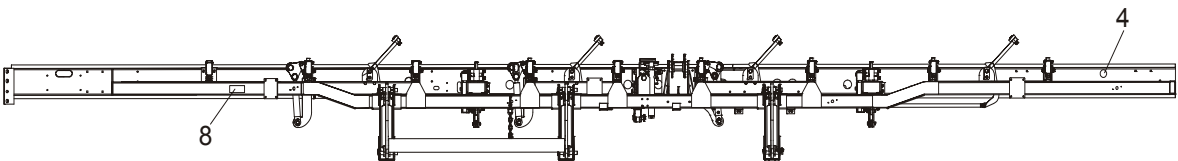
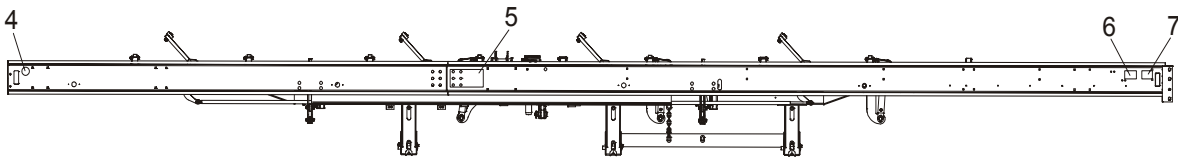
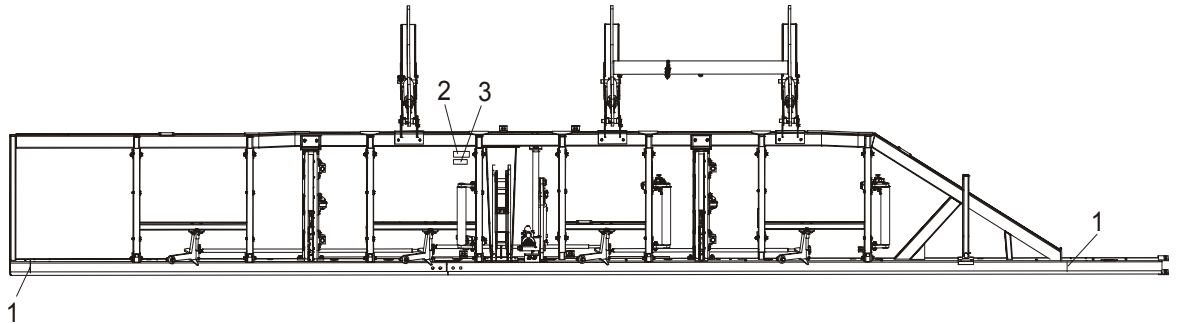
## Saw Head Rest Pin Assembly

### 8.6 Saw Head Rest Pin Assembly



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
1	PIN, LT80 SAW HEAD REST	090004-1	1	
2	PIN, 3/8" X 2 1/4" SQUARE WIRE LOCK	014151	1	
3	BOLT, M12 X 60 8.8 HEX HEAD ZINC	F81004-5	1	
4	WASHER, 13 ZINC FLAT	F81056-1	2	
5	NUT, M12-8 HEX NYLON ZINC LOCK	F81034-2	1	

**8.7 Bed Frame Decals**



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	DECAL, LOG LENGTH LIMIT	S12051	2
2	DECAL, HYDRAULIC OIL TYPE	085068	1
3	DECAL, HYDRAULIC WORKING PRESSURE	085069	1
4	DECAL, AMBER REFLECTIVE 2" ROUND	P07453	2
5	DECAL, PINCH POINT DANGER	P10287	1
6	DECAL, CE CERTIFIED SAWMILL, SMALL	P85070	1
7	DECAL, GS SAFETY CERTIFICATION, SMALL	P85072	1
8	DECAL, KEEP AWAY DANGER	S09851	1

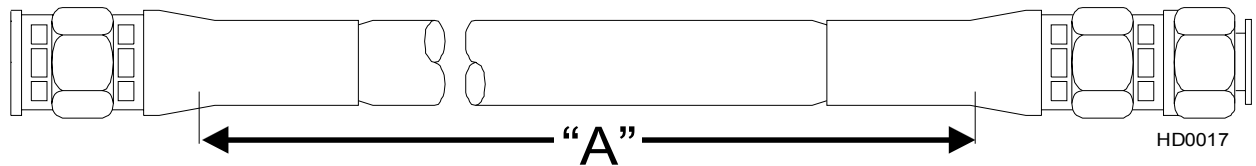


# HYDRAULIC SYSTEM

Hydraulic hoses, LT50 / LT80HD

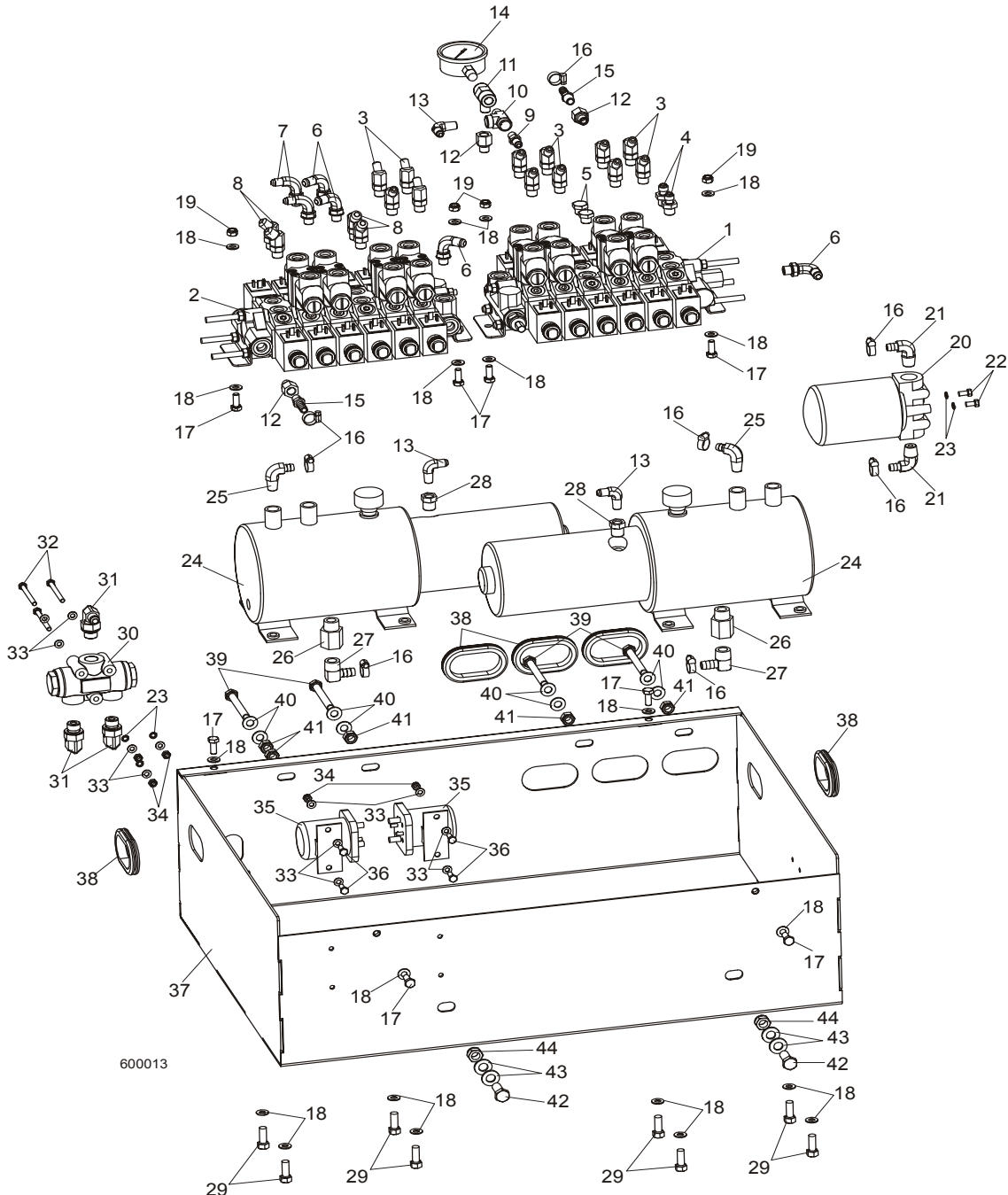
## SECTION 9 HYDRAULIC SYSTEM

### 9.1 Hydraulic hoses, LT50 / LT80HD



COLOR CODE	LENGT H (m)	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
NONE	0,35	3/8" HYDRAULIC PUMP TO HYDRAULIC VALVE	089809	1
NONE	0,65	3/8" VALVE TO VALVE	089844	1
RED	0,43	3/8" SECTION TO OIL FLOW DIVIDER	089845	1
ORANGE	2,80	3/8" MIDDLE LOG CLAMP, IN/OUT CYLINDER (CLAMP OUT)	089846	1
WHITE	3,00	3/8" MIDDLE LOG CLAMP, IN/OUT CYLINDER (CLAMP IN)	089847	1
NONE/PINK	5,40	3/8" HYDRAULIC VALVE TO LOG SIDE SUPPORT CYLINDER	089848	2
BROWN/LILAC	4,10	3/8" LOG SIDE SUPPORT VALVE TO LOG TURNER	089849	2
YELLOW	1,80	3/8" 3RD LOG LOADER CYLINDER (SINGLE LOADING ARM) BOTTOM TO OIL FLOW DIVIDER	089850	1
BLUE	0,72	3/8" HYDRAULIC VALVE TO 1ST TEE CONNECTOR (NEXT TO LOG TURNER)	089851	1
GREEN/YEL-LOW GREEN	1,20	3/8" 3RD TEE CONNECTOR TO 2ND LOG LOADER CYLINDER TOP/BOTTOM  3/8" 1ST TEE CONNECTOR TO 3RD LOG LOADER CYLINDER TOP	089852	3
RED	2,00	3/8" OIL FLOW DIVIDER TO 2ND TEE CONNECTOR	089853	1
YELLOW	2,10	3/8" 2ND TEE CONNECTOR TO 1ST LOG LOADER CYLINDER BOTTOM	089854	1
BLUE	1,60	3/8" 1ST TEE CONNECTOR TO 3RD TEE CONNECTOR	089855	1
GREEN	1,90	3/8" 3RD TEE CONNECTOR TO 1ST LOG LOADER CYLINDER TOP	089856	1
LILAC/BLACK	2,55	1/4" 3RD TOE BOARD	089859	2
LILAC/BLACK	0,85	1/4" 2ND TOE BOARD	089860	2
BROWN/SIL-VER	4,10	1/4" 1ST TOE BOARD	089861	2
YELLOW	3,85	1/4" MIDDLE LOG CLAMP, UP/DOWN CYLINDER BOTTOM	089862	1
GREEN	3,95	1/4" MIDDLE LOG CLAMP, UP/DOWN CYLINDER TOP	089863	1
ORANGE	4,20	1/4" 1ST LOG CLAMP IN/OUT (CLAMP OUT)	089864	1
WHITE	4,40	1/4" 1ST LOG CLAMP IN/OUT (CLAMP IN)	089865	1
BLUE/RED	4,90	1/4" 1ST LOG CLAMP UP/DOWN	089866	2
WHITE/ORAN-GE	2,70	1/4" 3RD LOG CLAMP IN/OUT	089867	2
BLUE/RED	0,60	1/4" 3RD LOG CLAMP UP/DOWN	089868	2

9.2 Hydraulic PumpControl Box LT50HD/LT80HD (DC)



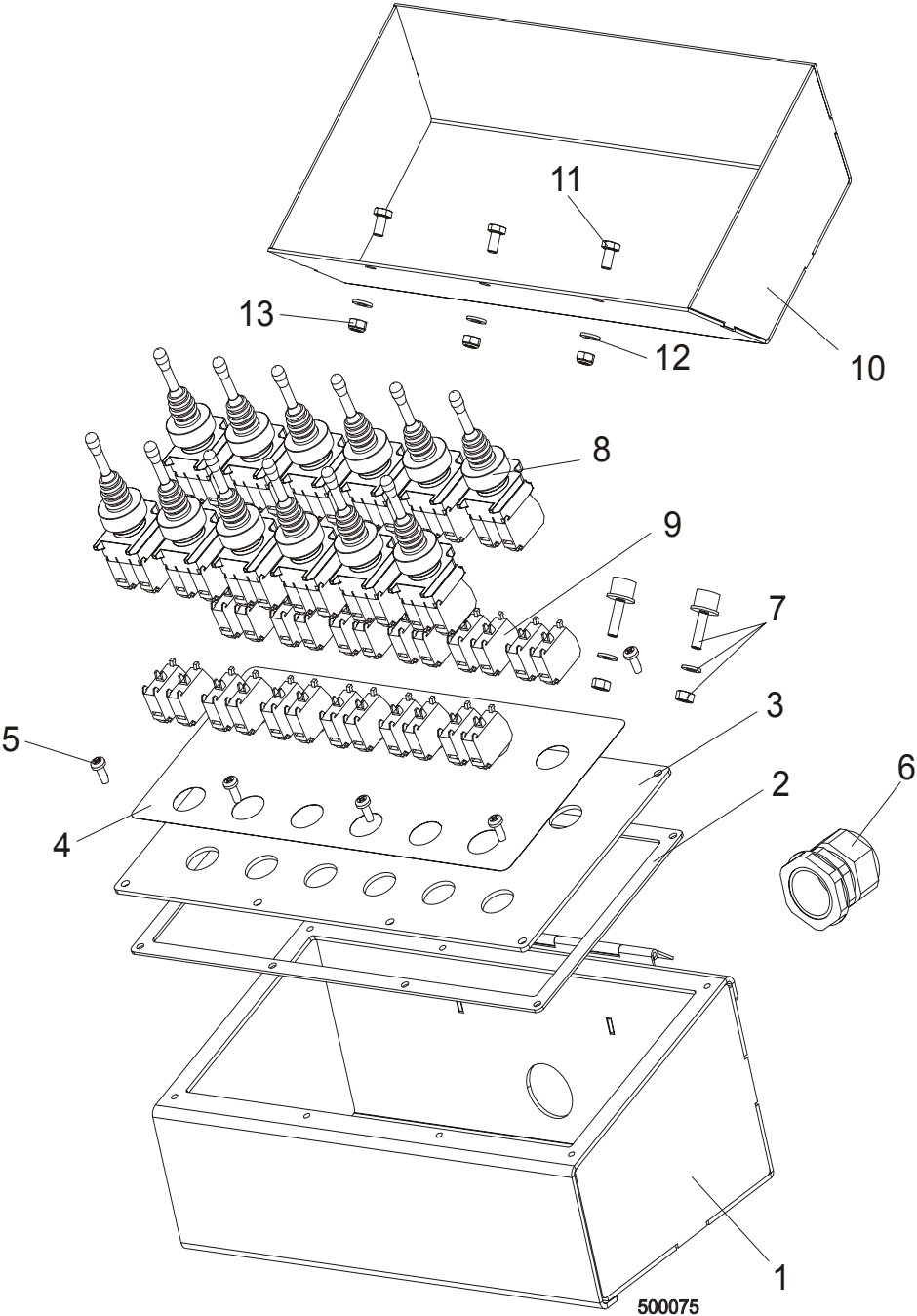
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>BOX ASSEMBLY, DC 9.5 M HYDRAULIC CONTROL</b>	088113	1
1	Valve, HDS11 6K01-151/MOD 6/062Z0 Hydraulic	088188	1
2	Valve, HDS11 6K01-151/MOD 6/063Z0 Hydraulic	088189	1

## 9

**HYDRAULIC SYSTEM***Hydraulic PumpControl Box LT50HD/LT80HD (DC)*

3	Fitting, #4SAE -#6SAE 45° Elbow	015488	12	
4	Fitting, 1/4" JIC x 3/8" O-Ring	P26284	2	
5	Plug, 9/16 -18 JIC Hydraulic Valve	089647	2	
6	Fitting, #6 SAE 3/8"JIC Elbow	P12704	4	
7	Fitting, 90° 9/16-18 JIC 7/16-20 JIC Elbow	089642	2	
8	Fitting, 45° #6SAE Elbow	015489	4	
9	Fitting, C5205x4x4 Male	P09143	1	
10	Fitting, C3759X4 Male Run Tee	P09141	1	
11	Fitting, 1/4NPT Branch Tee	015486	1	
12	Fitting, #6 SAE Male - 1/4 NPT Female	014686	3	
13	Fitting, 90° Male Elbow	P09142	3	
14	Gauge, 3000 PSI Hydraulic Oil Pressure	P10052	1	
15	Fitting, 3/8 Barb - 1/4 NPT	014685	2	
16	Clamp, 11/16 Worm	P12739	8	
17	Bolt, M8 x 20-8.8-B Hex Head Full Thread Zinc	F81002-4	8	
18	Washer, 8.4 Zinc Flat	F81054-1	20	
19	Nut, M8-8-B Hex Nylon Zinc Lock	F81032-2	4	
20	Manifold, 1.2" Hydraulic W/Filter	P22683	1	
21	Fitting, 1/2"NPT-3/8" Hose Barb Elbow	P12707	2	
22	Bolt, 1/4-20x1/2" Hex Head Grade 2 Zinc	F05005-15	2	
23	Washer, Z 6.1 Split Zinc Lock	F81053-3	5	
24	Pump W/Motor, Hydraulic	P12701	2	
25	Fitting, #6-6(3/8"NPT) - 3/8" Hose Barb Elbow	P12708	2	
26	Fitting, 1/2NPT-1/2NPT Adapter	015995	2	
27	Fitting, 1/2NPT-1/2 Hose Barb Elbow	015997	2	
28	Fitting, 3/8NPT x 1/4NPT Reducer	015490	2	
29	Bolt, 3/8-16x1 Hex Head Grade 8 Zinc	F05007-7	8	
30	Divider, MTDA 08-016M/2 Oil Flow	088190	1	
31	Fitting, 90 18 x 1.5 9/16-18 JIC Elbow	089992	3	
32	Bolt, M6 x 65-8.8 Hex Head Zinc	F81001-81	3	
33	Washer 6.4 Zinc Flat	F81053-1	14	
34	Nut, M6-8-B Hex Nylon Zinc Lock	F81031-2	7	
35	Solenoid, 200A 12V SPST Hydraulic Pump 1997	015470	2	
36	Bolt, M6 x 16 8.8 Hex Head Full Thread Zinc	F81001-15	4	
37	Box Weldment, DC 9.5 m Hydraulic Control	088105-1	1	
38	Grommet, FM54 Rubber	087065	5	
39	Bolt, M10 x 80-8.8 Hex Head Zinc	F81003-51	4	
40	Washer, 10.5 Zinc Flat	F81055-1	8	
41	Nut, M10-8-B Hex Nylon Zinc Lock	F81033-1	5	
42	Bolt, M12 x 30-8.8 Hex Head Full Thread Zinc	F81004-22	2	
43	Washer, 13 Zinc Flat	F81056-1	4	
44	Nut, M12-8 Hex Nylon Zinc Lock	F81034-2	2	

9.3 Hydraulic Control Box



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>BOX, 9.5 M FRAME HYDRAULIC CONTROL</b>	088164	1
1	Box Weldment, Hydraulic Control	088163-1	1
2	Gasket, 9.5 m Frame 9.5m	089998	1
3	Panel, Hydraulic Control Box Front 9.5 M	089997-1	1
4	Decal, Front panel 9M FRAME	088159	1

# 9 HYDRAULIC SYSTEM

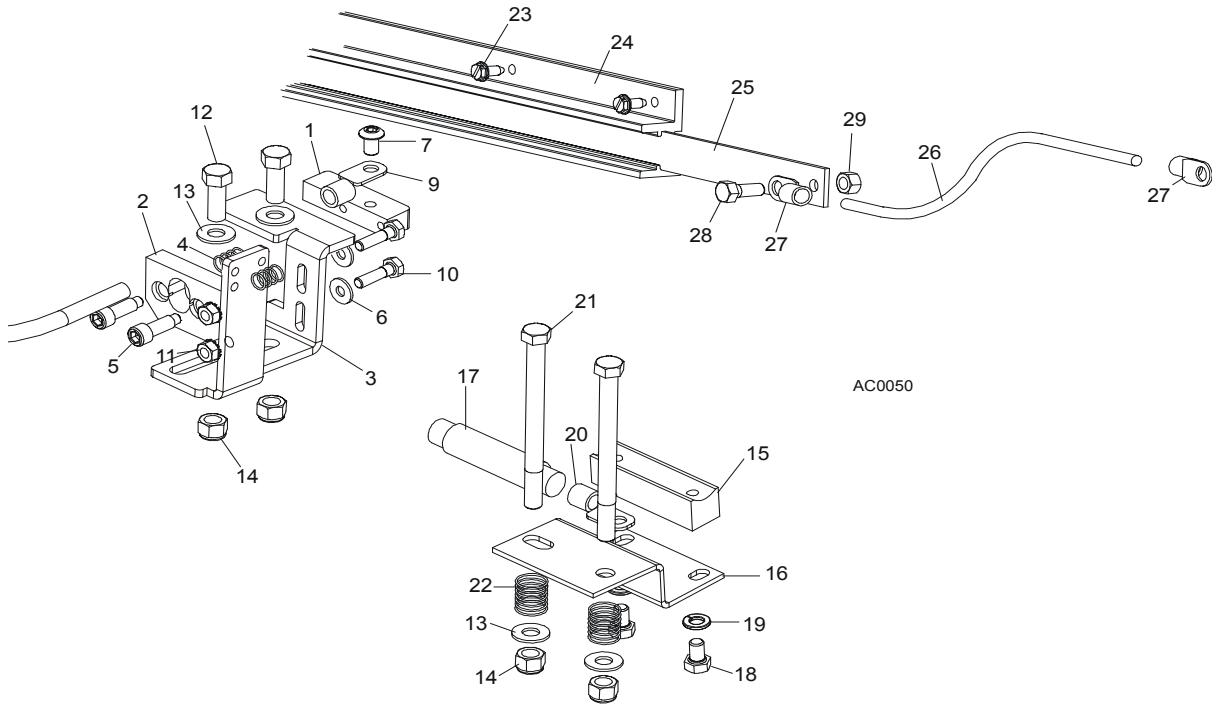
## *Hydraulic Control Box*

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5	Screw, #10-24 x 1/2 Pan Head	F05015-17	8	
6	Seal, DP 29/H Gland	F81096-1	1	
7	Bumper, A/022 Rubber	088376	2	
8	Joystick, XD4PA22	087815	12	
9	Contact, ZBE101	087817	24	
10	Cover, Hydraulic Control Box - 9.5 M Frame	088172-1	1	
11	Bolt, M6X12-8.8 Zinc Hex Head	F81001-7	3	
12	Washer, 6.4 Flat Zinc	F81053-1	3	
13	Nut, M6-8-B Hex Nylon Lock Zinc	F81031-2	3	



### 9.4 Hydraulic Power Supply Strip



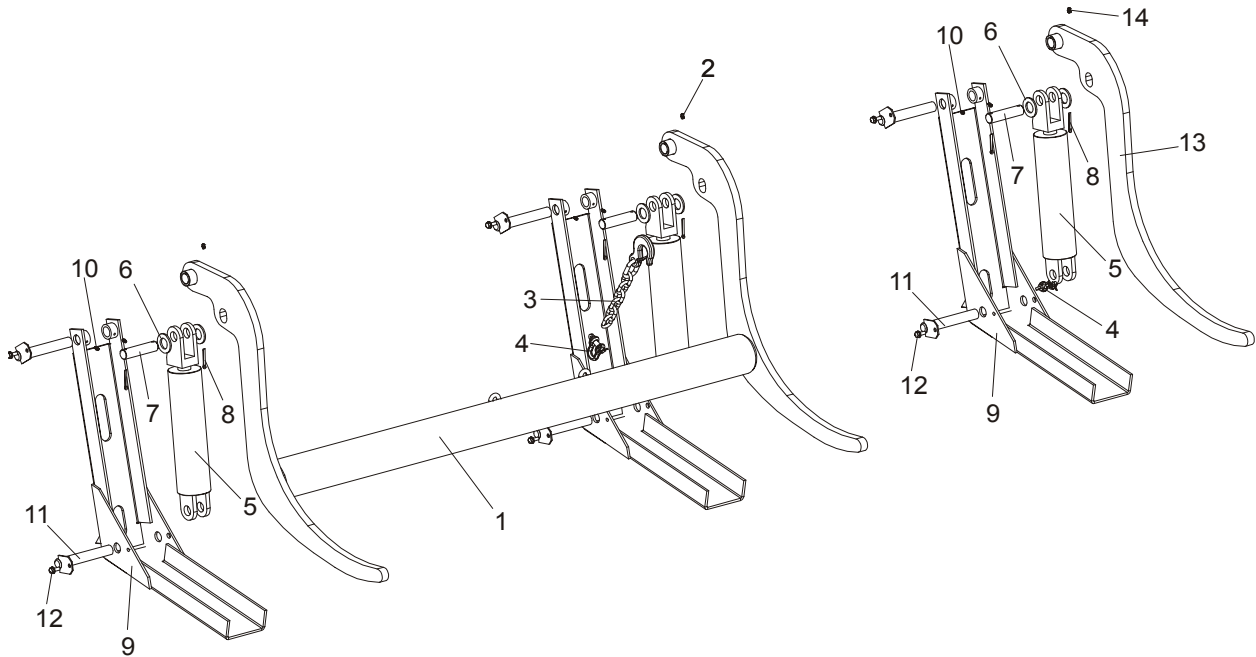
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	<b>CONTACT KIT, HYDRAULIC 6' POWER SUPPLY</b>	A12042-N	1	
	Contact Hardware Kit	A10073-N	1	◆
	Contact Assembly, Hydraulic Power Supply (Positive)	085968	1	
1	Contact, Hydraulic Power Supply (Positive)	015253	1	
2	Insulator, Positive Contact	S10072	1	
3	Bracket, Positive Contact Mounting	086380-1	1	
4	Spring, Positive Contact	P10077	2	
5	Bolt, 5/16" X 3/4" Shoulder (1/4-20 Thread)	F05006-44	2	
6	Washer, 7.4 Flat	F81056-11	2	
7	Bolt, 5/16-18 x 1/2" Socket Button Head	F05006-20	1	
	Cable Assy, Hydraulic Positive Contact	015885	1	
8	Cable, #1 Weld	R01948	0.75m	◆
9	Terminal, 35 Ring #2 Gauge	F81066-3	2	
10	Bolt, 1/4-20 X 1" Hex Head Grade 2	F05005-38	2	
11	Nut, 1/4-20 Hex Self-Locking	F05010-9	2	
12	Bolt, 3/8-16 X 1" Hex Head Grade 5	F05007-87	2	
13	Washer, 10.5 Flat	F81055-1	4	
14	Nut, 3/8-16 Hex Nylon Lock	F05010-10	4	
	Contact Assembly, Hydraulic Power Supply (Ground)	A10066	1	
15	Contact, Hydraulic Power Supply (Ground)	015264	1	

# 9 HYDRAULIC SYSTEM

## *Hydraulic Power Supply Strip*

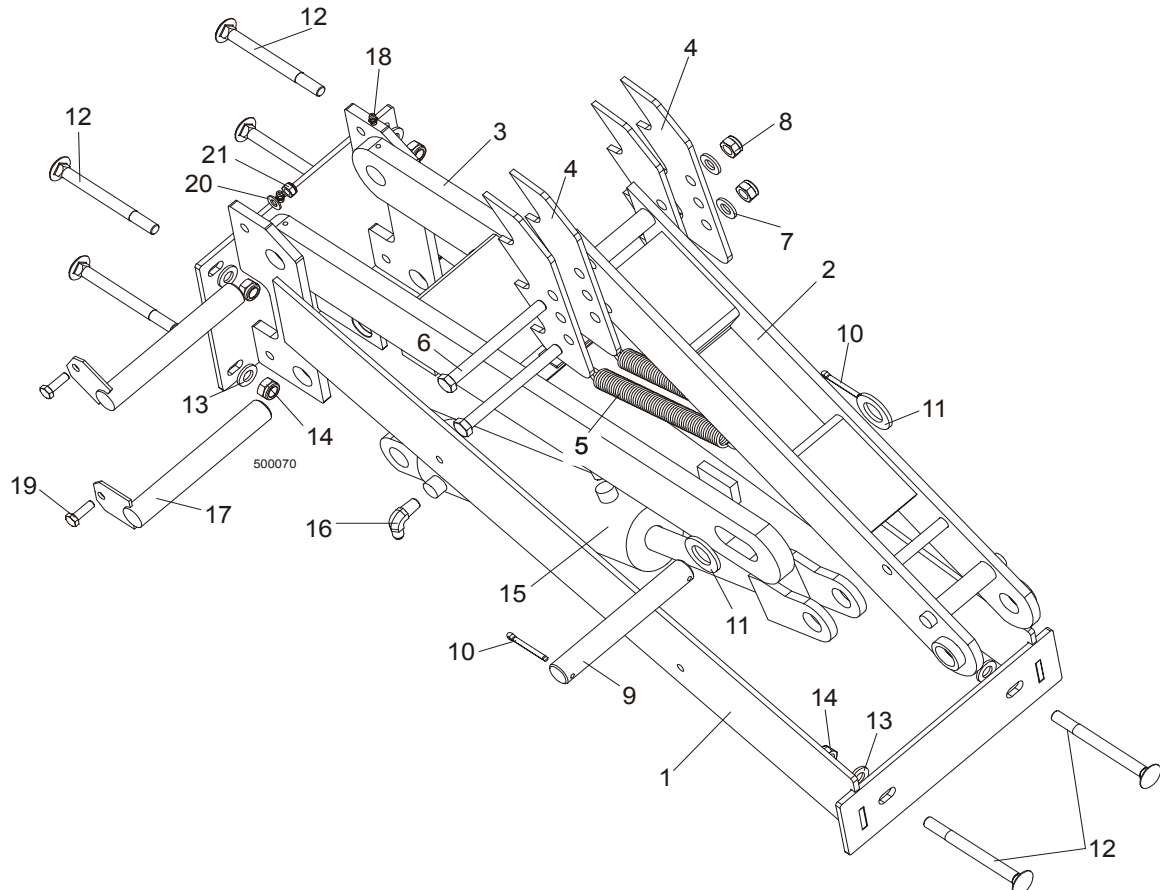
16	Bracket, Ground Contact Mounting	015265	1	
17	Cable, #1 Weld	R01948	.63m	◆
18	Bolt, 5/16-18 X 1/2" Hex Head Grade 5	F05006-15	2	
19	Washer, 8.2 Split Lock	F81054-4	2	
20	Terminal, 35 Ring #2 Gauge	F81066-3	1	
21	Bolt, 3/8-16 X 4 1/2" Hex Head Grade 2	F05007-35	2	
22	Spring, Ground Contact	P04282	2	
23	Screw, 1/4-20 X 1/2" Slotted Hex Head	F05015-1	14	
	Strip Assembly, 6' Hydraulic Power Supply w/3 ft. Cable	A11977	1	
24	Housing, 6' Contact Strip	P11976	1	
	Strip, 6' Contact With Cable	A12043-N	1	
25	Strip, 6' Contact	S10075	1	◆
26	Cable, #2 Weld	R80583-21		◆
27	Terminal, 35 Ring #2 Gauge	F81066-3	2	
28	Bolt, 5/16-18 X 3/4" Hex Head Black Nylon	F05006-45	1	
29	Nut, 5/16-18 Hex Black Nylon	F05010-86	1	
	Tube, 5/8" Heat Shrink	R01950-5	.03m	◆
	Grommet, 5/8" Wire	P04137	1	

### 9.5 Hydraulic Log Loader



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>HYDRAULIC LOG LOADER, COMPLETE</b>	090044	1
1	Log Loader	090006-1	1
2	Fitting, 3/16" Straight Grease	P04107	2
3	<b>CHAIN, LOG LOADER SAFETY</b>	A04376	1
4	<b>SHACKLE, M-D .63</b>	086540	1
5	<b>CYLINDER, CJ-S95-16-70/32/203 HYDRAULIC</b>	088680	3
6	<b>WASHER, 28 FLAT ZINC</b>	F81061-1	6
7	<b>PIN, LOADING ARM CYLINDER MOUNT ZINC</b>	086979-1	3
8	<b>PIN, S-Zn 5x40 COTTER</b>	F81043-31	6
9	Foot, Log Loader	090048-1	3
10	Fitting, 3/16" Straight Grease	P04107	6
11	<b>PIN, LOADER FOOT MOUNT</b>	W09446-1	6
12	<b>SCREW, 5/16-18 x 3/4 SELF-TAPPING</b>	F05015-30	6
	<b>ARM, LOG LOADING SINGLE - COMPLETE</b>	090051	1
13	Arm, hydraulic log loading	089657-1	1
14	Fitting, 3/16" Straight Grease	P04107	1

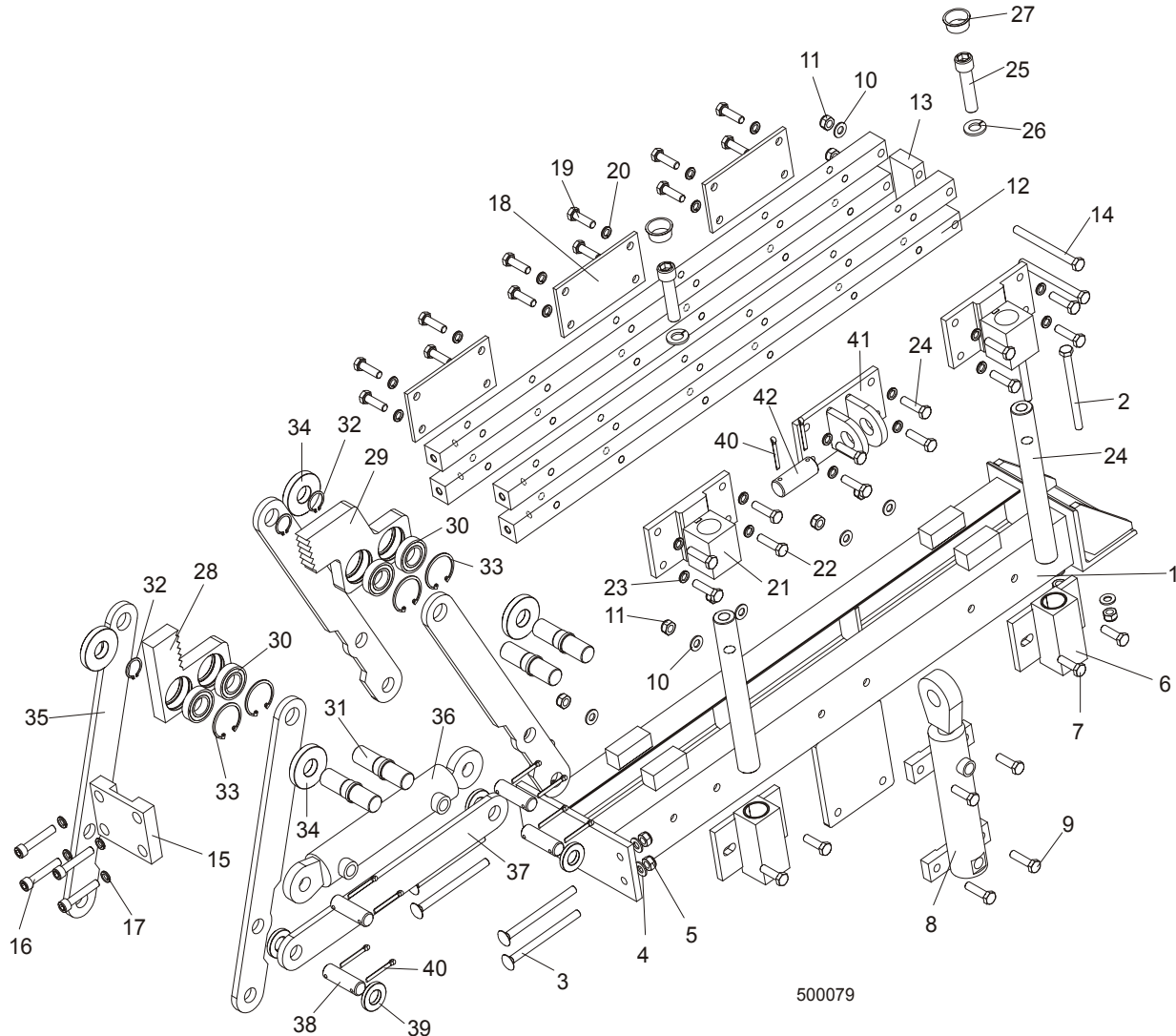
**9.6 Hydraulic Log Turner**



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>HYDRAULIC LOG TURNER, 9.5 M, COMPLETE</b>	088073	1
1	Bracket, Hydraulic Log Turner Mount	088075-1	1
2	Arm, Hydraulic Log Turner	088067-1	1
3	Arm, Hydraulic Log Turner Link	088060-1	1
4	Claw, Hydraulic Log Turner	088082-1	4
5	Spring, Hydraulic Log Turner	P09136	2
6	Bolt, M12x130-8.8 Zinc Hex Head	F81004-36	2
7	Washer, 13 Flat Zinc	F81056-1	2
8	Nut, M12-8 Hex Nylon Lock	F81034-2	2
9	Pin, 25X180	088664-1	1
10	Pin, S-Zn 5x40 Cotter	F81043-31	2
11	Washer, 25 Flat Zinc	F81061-3	2
12	Bolt, M10x120 8.8 Zinc Mushroom Head Square Neck	F81003-33	2
13	Washer, 13 Flat Zinc	F81056-1	2
14	Nut, M12-8 Hex Nylon Zinc Lock	F81034-2	2

<b>15</b>	Cylinder, CJ-S305-16-63/28/203 Hydraulic	088679	1	
<b>16</b>	Fitting, 90° Elbow	P09142	2	
<b>17</b>	Pin, Log Turner Mount	088667-1	2	
<b>18</b>	Fitting, M6 Grease	086280	2	
<b>19</b>	Bolt, M8x25-8.8-B Zinc Hex Head	F81002-5	2	
<b>20</b>	washer, 8.4 Flat Zinc	F81054-1	2	
<b>21</b>	Nut, M8-8-B Hex Nylon Zinc Lock	F81032-2	2	

**9.7 Hydraulic Log Clamp, Front and Rear**



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>CLAMP ASSEMBLY, HYDRAULIC</b>	089545	2
1	Mount Weldment, Hydraulic Log Clamp	088654-1	1
2	Bolt, M10x125-8.8 Zinc Hex Head	F81003-18	2
3	Bolt, M10x130-8.8 Zinc Mushroom Head Square Neck	F81003-36	4
4	Washer, 10.5 Flat Zinc	F81055-1	6
5	Nut, M10-8-B Hex Nylon Zinc Lock	F81033-1	6
6	Block, Guide Pin	088639	2
7	Bolt, M10x35-8.8 Zinc Hex Head Full Thread	F81003-17	4
8	Cylinder, CJ7F-16-40/22 + UE2-40W Hydraulic	088662	1
9	Bolt, M10x40-8.8 Zinc Hex Head	F81003-16	4

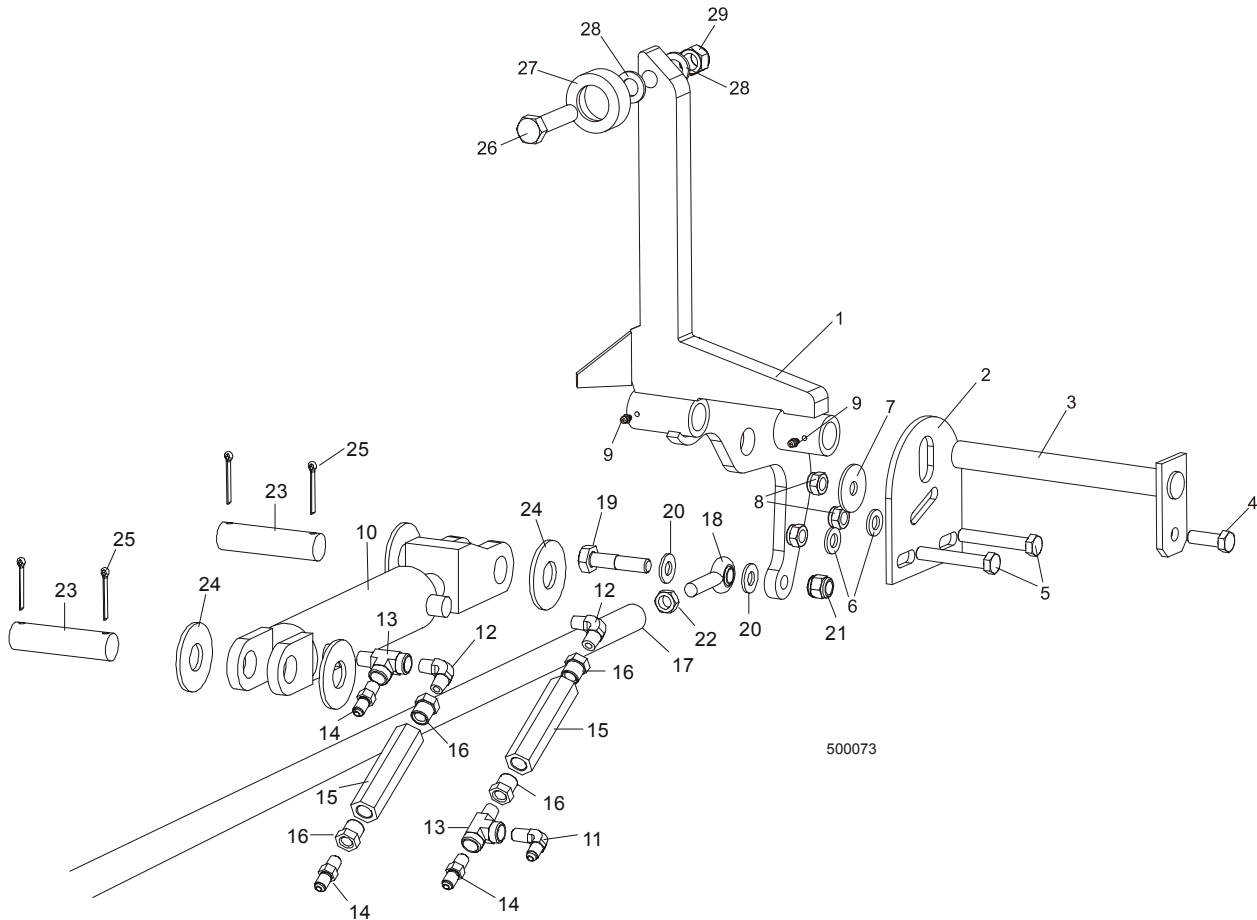
# HYDRAULIC SYSTEM

*Hydraulic Log Clamp, Front and Rear*

9

10	Nut, M10-8-b Hex Nylon Zinc Lock	F81033-1	10	
11	Bar, Clamp Up/Down	089537-1	4	
12	Plate, Connecting	088645-1	1	
13	Bolt, M10x140-8.8 Zinc Hex Head	F81003-5	2	
14	Plate, Connecting	089533-1	1	
15	Bolt, M10x55-8.8 Zinc Hex Socket Head Cap	F81003-55	4	
16	Washer, 10.2 Split Lock Zinc	F81055-2	4	
17	Plate, Log Clamp Rear	089538-1	3	
18	Bolt, M10x35-8.8 Zinc Hex Head Full Thread	F81003-17	12	
19	Washer, 10.2 Split Lock Zinc	F81055-2	12	
20	Bracket, Guide Pin Mount	089536-1	2	
21	Bolt, M10x40-8.8 Zinc Hex Head Full Thread	F81003-16	8	
22	Washer, 10.2 Split Lock Zinc	F81055-2	8	
23	Pin, Clamp Up/Down Guide	088631	2	
24	Screw, M16x55-8.8 Zinc Hex Socket Head Cap	F81006-18	2	
25	Washer, 16.3 Split Lock Zinc	F81058-2	2	
26	Plug, M33 Thread	089839	2	
	<b>Jaw, Log Clamp Narrow - Complete</b>	<b>088646</b>	1	
27	<b>Jaw, Log Clamp Narrow</b>	088619	1	
30	Bearing, 6005 2RS CX	089652	4	
31	Shaft, Clamp Jaw Guide	088620-1	4	
32	Ring, Z24 Spring Retaining	089654	4	
33	Ring, W47 Spring Retaining	089653	4	
	<b>Jaw, Log Clamp Wide - Complete</b>	<b>088647</b>	1	
29	<b>Jaw, Log Clamp Wide</b>	088621-1	1	
30	Bearing, 6005 2RS CX	089652	4	
31	Shaft, Clamp Jaw Guide	088620-1	4	
32	Ring, Z24 Spring Retaining	089654	4	
33	Ring, W47 Spring Retaining	089653	4	
34	Washer, Clamp Jaw Spacer	089542	4	
35	Bar, Clamp In/Out Side	088622-1	4	
36	Cylinder, SJ2F-40/22/145 Hydraulic	088661	1	
37	Bar, Clamp In/Out Lower	088623-1	1	
38	Pin, 20X75	088657-1	4	
39	Spacer, Lower	089541	4	
40	Pin, S-Zn 5x40 Cotter	F81043-31	10	
41	Bracket, Vertical Cylinder Mount Upper	089540-1	1	
42	Pin, 25X75	088659-1	1	

**9.8 Hydraulic Log Side Support**

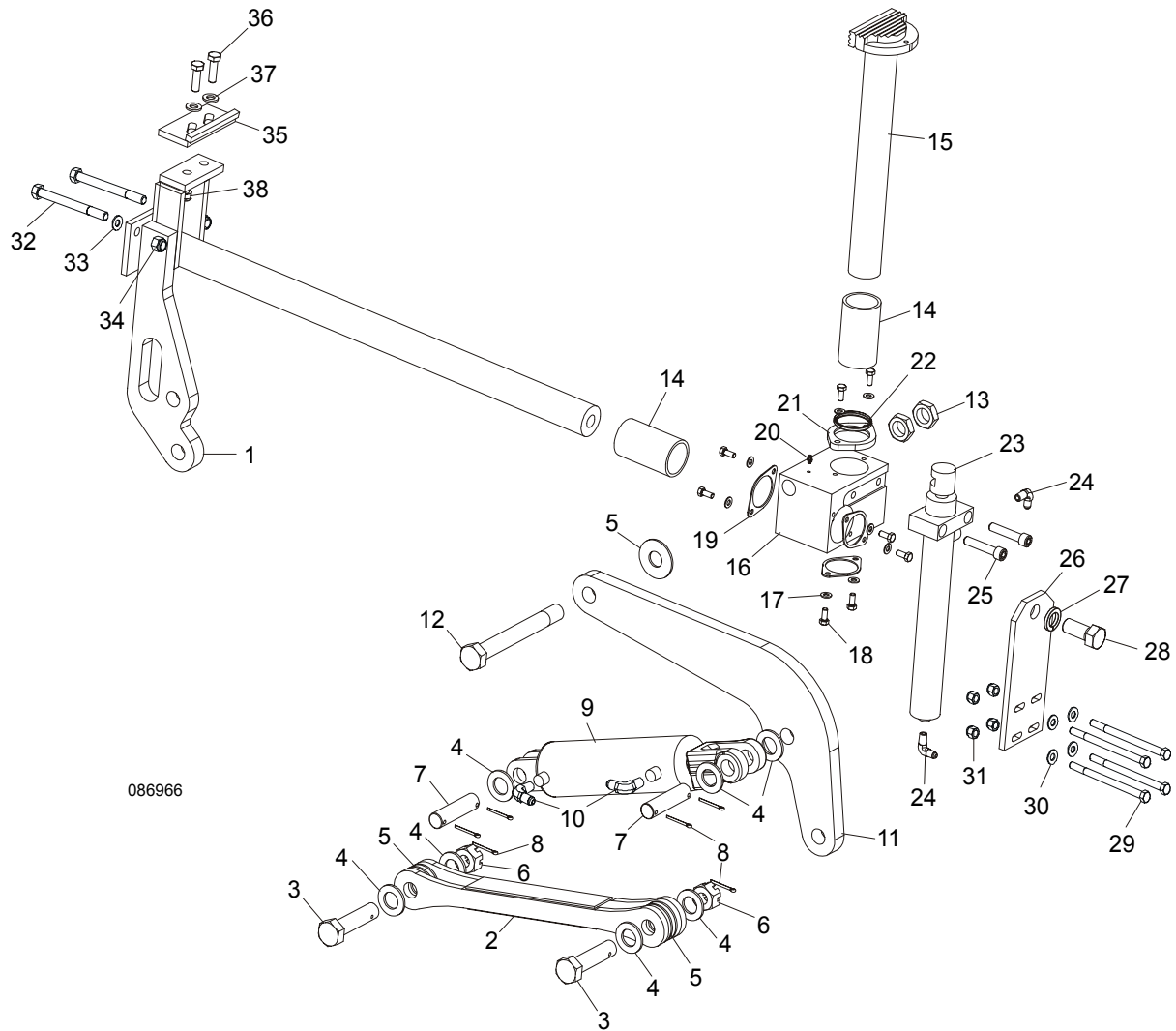


REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>SUPPORT, HYDRAULIC LOG SIDE</b>		4
1	Support, Log Side	085578	1
2	Plate, Log Side Support Mount	S09148	1
3	Pin, Log Side Support Pivot	W09238	1
4	Bolt, M12x35-8.8 Zinc Hex Head	F81004-24	1
5	Bolt, M12x75-8.8 Zinc Hex Head	F81004-21	2
6	Washer, 13 Flat Zinc	F81056-1	2
7	Washer,45/13 Lock	086184	1
8	Nut, M12-8 Hex Nylon Zinc Lock	F81034-2	3
9	Fitting, 3/16" Straight Grease	P04107	2
	<b>CYLINDER ASSEMBLY, HYDRAULIC LOG SIDE SUPPORT</b>	A09283	1
10	Cylinder, CJ-S270-16-50/28/152 Hydraulic	088678	1
	Seal Kit, 6" x 2" Hydraulic Cylinder	P12954	1
11	Fitting, 90° Elbow	P09142	1



12	Fitting, # C3529 x 4 90° Pipe	P09140	2	
13	Fitting, C3759 x 4 Male "T"	P09141	2	
14	Fitting, C5205 x 4 x 4 Male	P09143	3	
15	Valve, Hydraulic Sequence	015484	2	
16	Fitting, 3/8" NPT - 1/4" NPT Reducer	015490	4	
17	<b>ROD, LOG SIDE SUPPORT PUSH 1605 MM LONG (FRONT)</b>	089530-1	1	
	<b>ROD, LOG SIDE SUPPORT PUSH - 1420 MM LONG (MIDDLE)</b>	089374-1	1	
	<b>ROD, LOG SIDE SUPPORT PUSH - 1900 MM LONG (REAR)</b>	089375-1	1	
18	<b>ROD END, RIGHT</b>	087035	3	
	<b>ROD END, LEFT</b>	087036	3	
19	<b>BOLT, M12 X 60 8.8 HEX HEAD</b>	F81004-5	2	
20	<b>WASHER, 7.4 FLAT</b>	F81056-1	4	
21	<b>NUT, M12 - 8 HEX NYLON LOCK</b>	F81034-2	2	
22	<b>NUT, M12-04-A, RIGHT HEX JAM</b>	F81034-6	1	
	<b>NUT, M12-04-A LEFT HEX JAM</b>	F81034-7	1	
23	<b>PIN, HYDRAULIC CYLINDER MOUNT</b>	086979-1	2	
24	<b>WASHER, 28 FLAT</b>	F81061-1	4	
25	<b>PIN, 3/16" X 1 1/2" COTTER</b>	F81043-31	4	
	<b>ROLLER KIT, LOG SIDE SUPPORT</b>		4	
26	Bolt, M16x65-8.8-B Zinc Hex Head	F81006-1	1	
27	Roller, Log Side Support	015015	1	
28	Washer, 17 Flat Zinc	F81058-1	2	
29	Nut, M16-8 Hex Nylon Zinc Lock	F81036-2	1	
	Bolt, M16x65-8.8-B Zinc Hex Head	F81006-1	1	

9.9 Hydraulic Log Clamp



086966

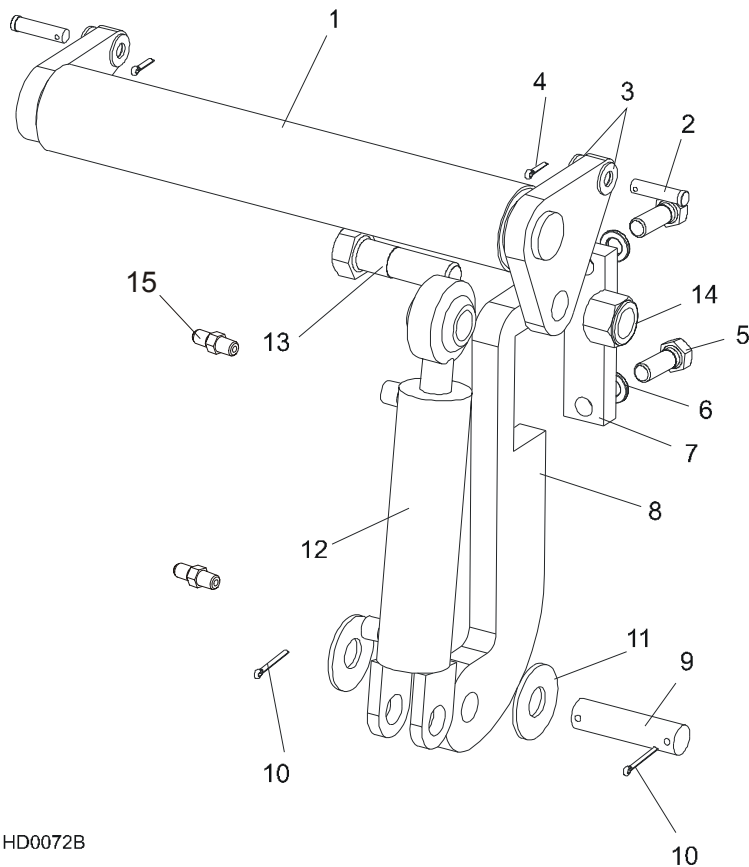
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>CLAMP ASSEMBLY, SUPER HYDRAULIC</b>	088658	1
1	Mount Weldment, Super Clamp Tube	086967-1	1
2	Arm, Clamp Link	086963-1	1
3	Bolt, B 24x95/85 Hex Head Grade 8	F81049-2	1
4	Washer, 25 Flat	F81061-3	8
5	Washer, 25X63 Hardened	088585-1	5
6	Nut, M20-8-B Slotted Hex	F81037-3	2
7	Pin, Cylinder Mount	086979-1	2
8	Pin, 6,3x45 Cotter	F81045-2	6

9	Cylinder, CJ-S96-16-70/32/178 Hydraulic	088589	1	
10	Fitting, 1/4" NPT - 3/8" JIC Elbow	P09142	2	
11	Link Weldment, Super '99 Clamp	086974-1	1	
12	Bolt, M24x217/39 -8.8-B Hex Head Grade 8	088586-1	1	
13	Nut, M24 -04-B Hex Jam	F81039-3	2	
14	Bushing, Clamp Slide 5040BS	088660	2	
15	Clamp Weldment, Vertical Super	088582-1	1	
16	Block, Vertical Clamp Mount	088591-1	1	
17	Washer, 8.4 Flat	F81054-1	8	
18	Bolt, M8x20-8.8-B Hex Head	F81002-4	8	
19	Spacer, Log Clamp	088887-1	3	
20	Fitting, 3/16" Grease	P04107	1	
21	Spacer, Log Clamp	088887-1	1	
22	Wiper, Up/Down Rod ZZ 50x60x7	088587	1	
23	Cylinder, CJ-S169-16-40/22/254 Hydraulic	088590	1	
24	Fitting, 1/4" NPT - 1/4" JIC Elbow	P09142	2	
25	Screw, M12x55 -8.8-B Socket Head	F81004-23	2	
26	Plate, Super Log Clamp Mount	086975-1	1	
27	Washer, Z 22,5 Split Lock	F81059-4	1	
28	Bolt, M22x1,5x40 -8.8-B Hex Head Grade 5	F81009-1	1	
29	Bolt, M10 x 125-8.8 Hex Head	F81003-18	4	
30	Washer, 10.5 Flat	F81055-1	4	
31	Nut, M10-8-B Hex Nylon Lock	F81033-1	4	
32	Bolt, M10 x 140-8.8 Hex Head	F81004-37	2	
33	Washer, 13 Flat	F81056-1	2	
34	Nut, M12-8 Hex Nylon Lock	F81034-1	2	
	<b>CLAMP STOP KIT, HYDRAULIC LOG</b>	K09485	1	
35	Plate, Clamp Stop	086980-1	1	
36	Bolt, M12 x 40-8.8 Hex Head	F81004-4	2	
37	Washer, 13 Flat	F81056-1	2	
38	Nut, M12-8 Hex Nylon Lock	F81034-2	2	

# 9 HYDRAULIC SYSTEM

## Hydraulic Toe Board, Front and Rear

### 9.10 Hydraulic Toe Board, Front and Rear



HD0072B

L.P.	OPIS (◆ wskazuje części dostępne jedynie w zespołach)	NUMER KAT.	SZT.
	<b>TOE BOARD WELDMENT, HYDRAULIC, COMPLETE</b>	085549	
1	Toe Board Weldment, Hydraulic	086253-1	1
2	Bolt, M12x60-8.8 Fe/Zn5 PN-M/82101	F81004-5	1
3	Washer, 13 Sae Flat	F81056-1	4
4	Pin, S-Zn 2.5 x 20 Cotter	F81043-1	2
5	Bolt, 5/8-11 X 1 3/4" Hex Head	F05009-33	4
6	Washer, 17 Split Lock	F81058-2	4
7	Plate, Hydraulic Toeboard Mount	090086-1	1
8	Bracket, Hydraulic Toeboard Mount	087729	2
9	Pin, Cylinder Mount	086979-1	1
10	Pin, 3/16" X 1 1/2" Cotter	F05012-23	4
11	Washer, 28 Sae Flat	F81061-1	4
12	Cylinder, CJ-S170-16-40/25/152 Hydraulic	088681	2
	Seal Kit, 1 1/2" x 6" Hydraulic Cylinder	014547	1
13	Bolt, 1-8 X 3 1/4" Hex Head Grade 5	F05009-51	2
14	Nut, 1-8 Hex Nylon Lock	F05010-117	2

**HYDRAULIC SYSTEM**  
*Hydraulic Toe Board, Front and Rear*

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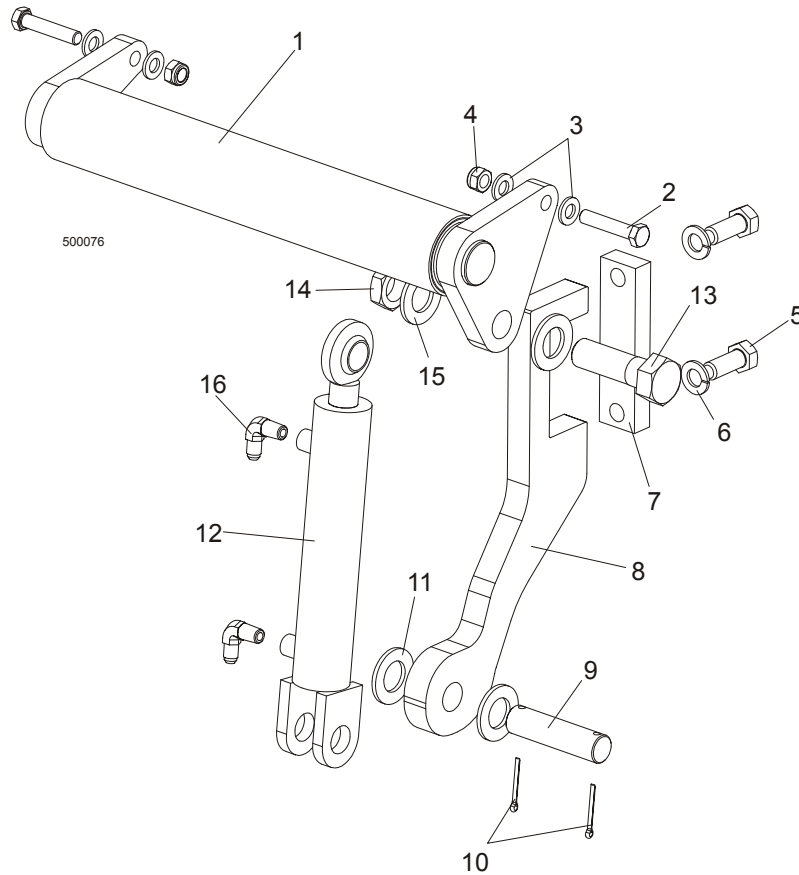
15	Fitting, 90° Male Elbow	P09143	4	
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## HYDRAULIC SYSTEM

### Hydraulic Toe Board, Middle

#### 9.11 Hydraulic Toe Board, Middle



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	<b>HYDRAULIC TOE BOARD ASSEMBLY, MIDDLE</b>	090055	
1	Toe Board Weldment, Hydraulic	086253-1	1
2	Bolt, M12x60-8.8 Zinc Hex Head	F81004-5	1
3	Washer, 13 Zinc Flat	F81056-1	4
4	Pin, S-Zn 2.5x20 Cotter	F81043-1	2
5	Bolt, M16X40-8.8 Zinc Hex Head Full Thread	F81006-13	2
6	Washer, 16.3 Zinc Split Lock	F81058-2	2
7	Plate, Hydraulic Toe Board Mount	090086-1	1
8	Bracket, Hydraulic Toe Board Mount	089990-1	1
9	Pin, Hydraulic Cylinder Mount Zinc	086979-1	1
10	Pin, S-Zn 3/16 X 1 1/2" Cotter	F05012-23	2
11	Washer, 28 Zinc Flat	F81061-1	2
12	Cylinder, CJ-S170-16-40/25/152 Hydraulic	088681	1
	Seal Kit, 1 1/2" x 6" Hydraulic Cylinder	014547	1
13	Bolt, 1-8 X 3 1/4 HH Hex Head Grade 5	F05009-51	1
14	Nut, 1"-14	F05010-117	1

**HYDRAULIC SYSTEM**

*Hydraulic Toe Board, Middle*

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<b>15</b>	Washer, 28 Zinc Flat	F81061-1	1	
<b>16</b>	Fitting, C5205x4x4 Male	P09143	2	