

Wood-Mizer®

Parts Manual

LT40 B1-4 E15S MH	rev. A1.00
LT40 B1-4 E20S MH	rev. A1.00
LT40 B1-4 E25S MH	rev. A1.00



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

January 2011

Form #636

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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.

1.2 Sample Assembly				
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:

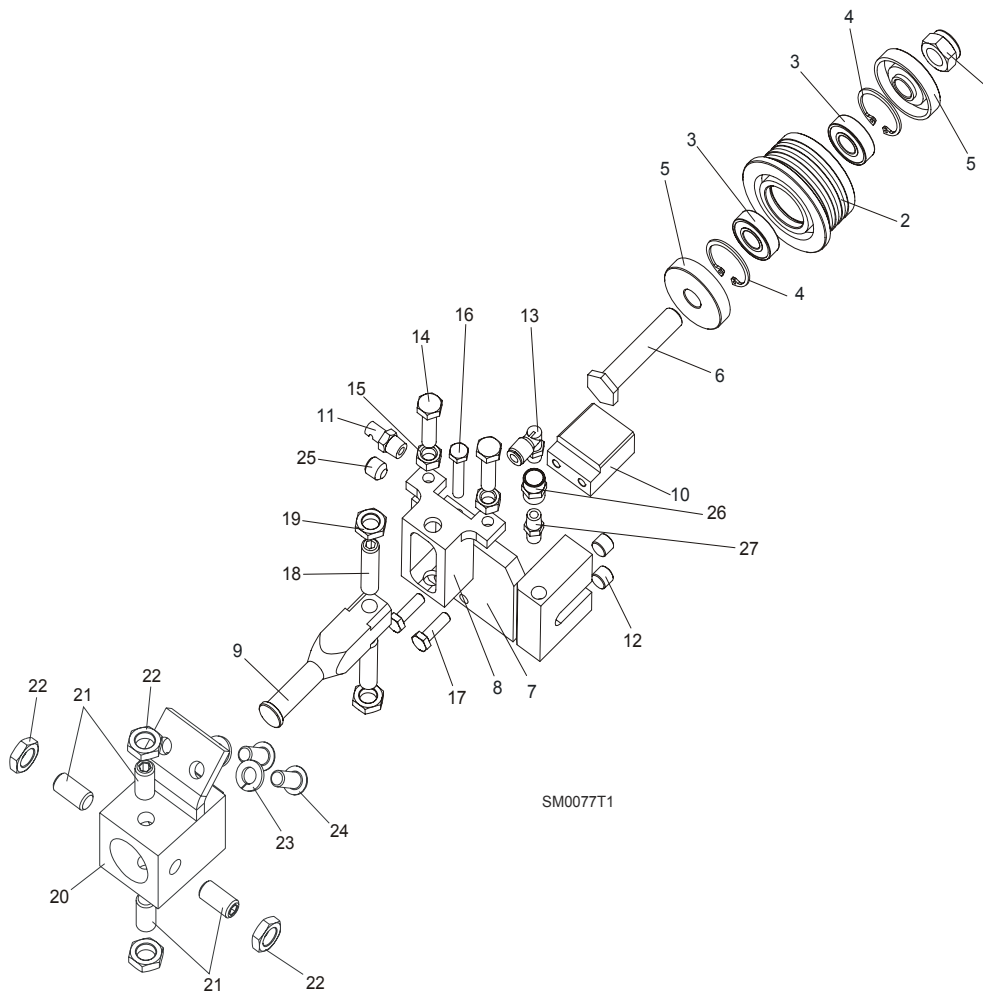
- From Europe call our European Headquarters and Manufacturing Facility in Kolo, Poland at **+48-63-2626000**. From the continental U.S., call our toll-free Parts hotline at **1-800-448-7881**. Have your customer number, vehicle identification number, and part numbers ready when you call.
- From other international locations, contact the Wood-Mizer distributor in your area for parts.



CAUTION! It is strongly recommended to use original spare parts only.

SECTION 2 BLADE GUIDE ROLLERS & ARM

2.1 Blade Guide Assembly, Idle Side (Standard)

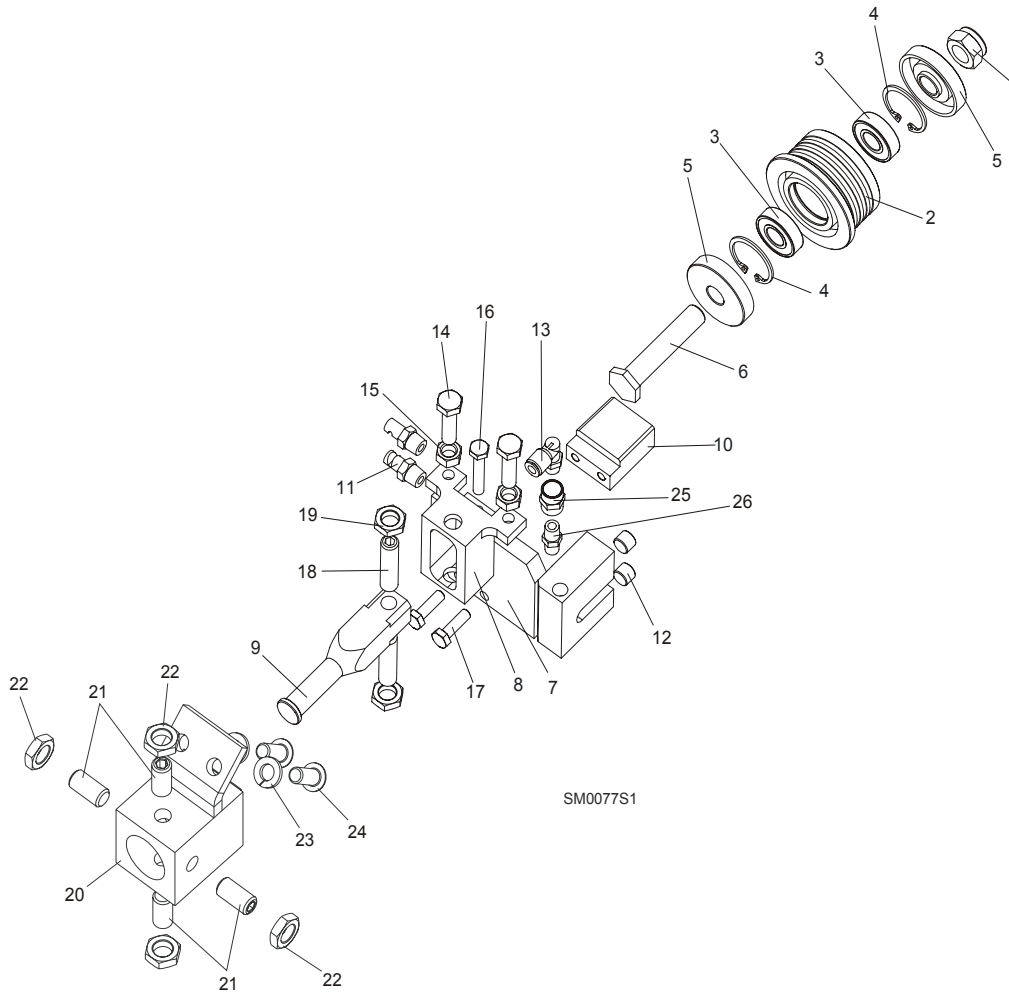


REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART#	QTY.
	BLADE GUIDE ASSEMBLY, IDLE SIDE	092523	1
	Roller, Blade Guide Narrow W/Bearings	088261	1
	Roller, Blade Guide W/Bearings Extended (for optional use with 1 1/2" blades)	092939	1
1	Nut, M12-8 Hex Nylon Zinc Lock	F81034-2	1
2	Roller, Blade Guide Narrow	087889	1
	Roller, Blade Guide Extended (for optional use with 1 1/2" blades)	087890	1
3	Bearing, 6001 2RSR NACHI	087893	2
4	Ring, W28 Inside Retaining	F81090-9	2
5	Washer, Spacer	087891	2 (1)
	Washer, Spacer (used with the Extended Roller only) ¹	087892-1	1
6	Bolt, Blade Guide Roller Zinc-Plated	087761-1	1
	Bolt, Blade Guide Roller Zinc Plated (used with the Extended Roller only)	092940-1	1
7	Block Weldment, Nozzle Zinc-Plated	087750-1	1
8	Block, Zinc-Plated Roller Guide Adjuster	087756-1	1

9	Shaft, Zinc-Plated Blade Guide Mount (Narrow Roller)	088255-1	1	
	Shaft, Zinc-Plated Blade Guide Mount (Wide Roller)	501406-1	1	
10	Block, Blade Guide Zinc	096956-1	1	
11	Nozzle, Blade Water Lube Spray	016637	1	
12	Plug, M10x1 DIN 906 BN40 "BOSSARD"	F81015-3	2	
13	Fitting, 90° Elbow 1/8NPT-1/4 Tube Swivel	P09736	1	
14	Bolt, M8x30 DIN933 A2-70 Stainless Steel	F81002-27	2	
15	Nut, M8 DIN934 A2-70 Stainless Steel	F81032-7	2	
16	Bolt, M6x30 DIN933 A2-70 Stainless Steel	F81001-37	1	
17	Bolt, M6x20-8.8 Hex Head Full Thread Zinc	F81001-2	2	
18	Screw, M10x1x40 DIN913 Stainless Steel Set	F81015-2	2	
19	Nut, M10x1-04-ST-A2 ISO 8675 Thin	F81033-10	2	
20	BLOCK WELDMENT, PAINTED BLADE GUIDE MOUNT	088292-1	1	
21	SCREW, M10X1X20 DIN913 STAINLESS STEEL SET	F81015-1	4	
22	NUT, M10x1-04-ST-A2 ISO 8675 THIN	F81033-10	4	
23	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	2	
24	BOLT, 5/16-18X3/4 SOCKET HEAD	F05006-102	2	
25	FITTING, 1/8 NPT SOCKET PIPE PLUG	P30127	1	
26	FITTING, 1/8FPT COUPLING	P05748	1	
27	NIPPLE, 1/8 DRY SEAL	P02764	1	

¹ Used only from the flanged side of the roller

2.2 Idle Side Blade Guide Assembly, Optional (LMS)

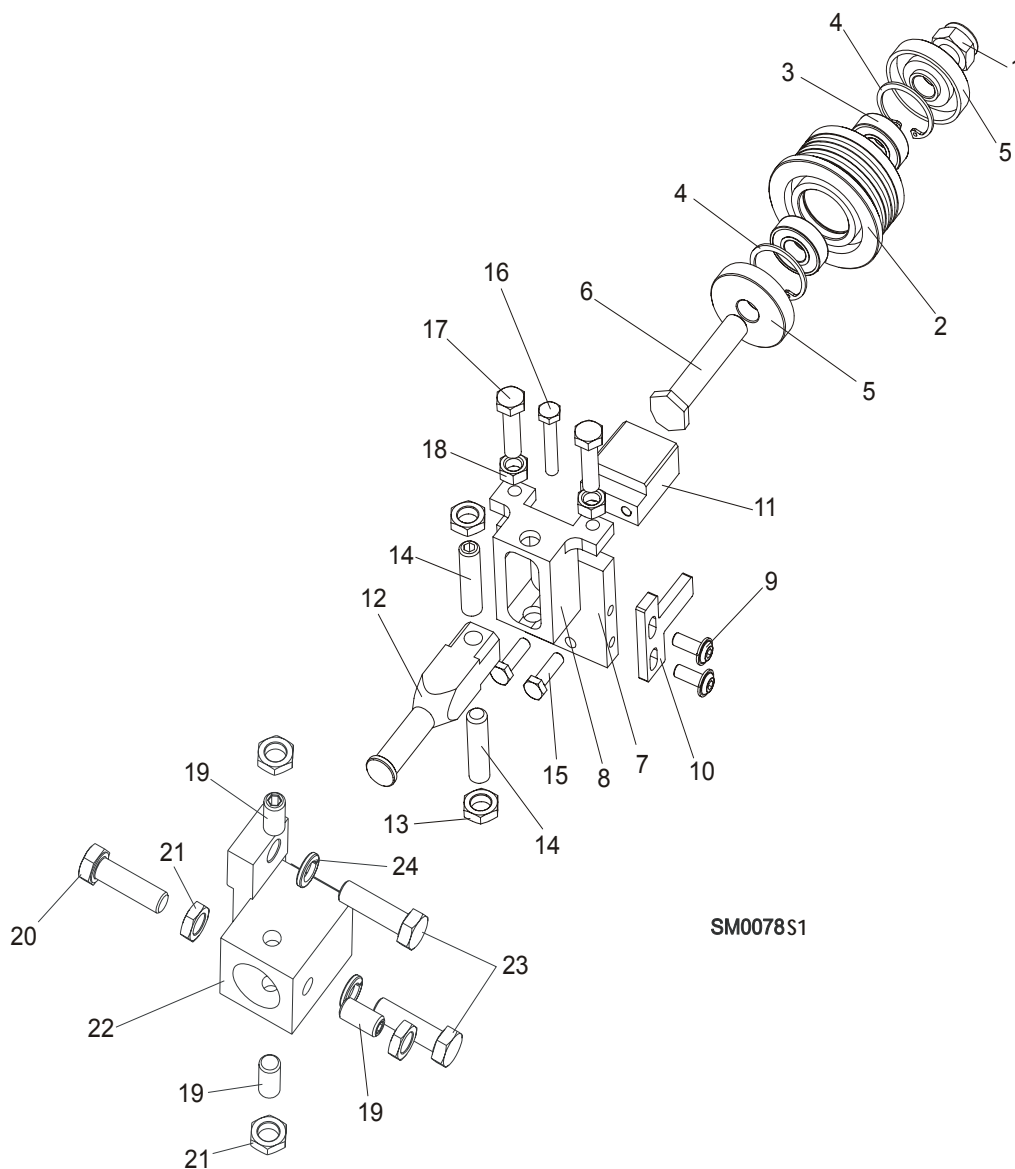


REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART#	QTY.
	BLADE GUIDE ASSEMBLY, IDLE SIDE	087749	1
	Roller, Blade Guide Narrow W/Bearings	088261	1
	Roller, Blade Guide W/Bearings Extended (for optional use with 1 1/2" blades)	092939	1
1	Nut, M12-8 Hex Nylon Zinc Lock	F81034-2	1
2	Roller, Blade Guide Narrow	087889	1
	Roller, Blade Guide Extended (for optional use with 1 1/2" blades)	087890	1
3	Bearing, 6001 2RSR NACHI	087893	2
4	Ring, W28 Inside Retaining	F81090-9	2
5	Washer, Spacer	087891	2 (1)
	Washer, Spacer (used with the Extended Roller only) ¹	087892-1	1
6	Bolt, Blade Guide Roller Zinc-Plated	087761-1	1
	Bolt, Blade Guide Roller Zinc Plated (used with the Extended Roller only)	092940-1	1
7	Block Weldment, Nozzle Zinc-Plated	087750-1	1
8	Block, Zinc-Plated Roller Guide Adjuster	087756-1	1
9	Shaft, Zinc-Plated Blade Guide Mount (Narrow Roller)	088255-1	1
	Shaft, Zinc-Plated Blade Guide Mount (Wide Roller)	501406-1	1

10	Block, Blade Guide Zinc	096956-1	1	
11	Nozzle, Blade Lube Spray	033479	2	
12	Plug, M10x1 DIN 906 BN40 "BOSSARD"	F81015-3	2	
13	Fitting, 90° Elbow 1/8NPT-1/4 Tube Swivel	P09736	1	
14	Bolt, M8x30 DIN933 A2-70 Stainless Steel	F81002-27	2	
15	Nut, M8 DIN934 A2-70 Stainless Steel	F81032-7	2	
16	Bolt, M6x30 DIN933 A2-70 Stainless Steel	F81001-37	1	
17	Bolt, M6x20-8.8 Hex Head Full Thread Zinc	F81001-2	2	
18	Screw, M10x1x40 DIN913 Stainless Steel Set	F81015-2	2	
19	Nut, M10x1-04-ST-A2 ISO 8675 Thin	F81033-10	2	
20	BLOCK WELDMENT, PAINTED BLADE GUIDE MOUNT	088292-1	1	
21	SCREW, M10X1X20 DIN913 STAINLESS STEEL SET	F81015-1	4	
22	NUT, M10x1-04-ST-A2 ISO 8675 THIN	F81033-10	4	
23	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	2	
24	BOLT, 5/16-18X3/4 SOCKET HEAD	F05006-102	2	
25	FITTING, 1/8FPT COUPLING	P05748	1	
26	NIPPLE, 1/8 DRY SEAL	P02764	1	

¹ Used only from the flanged side of the roller

2.3 Blade Guide Assembly, Drive Side



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART#	QTY.
	BLADE GUIDE ASSEMBLY, DRIVE SIDE	087748	1
	Roller, Blade Guide Narrow W/Bearings	088261	1
	Roller, Blade Guide W/Bearings Extended (for optional use with 1 1/2" blades)	092939	1
1	Nut, M12-8 Hex Nylon Zinc Lock	F81034-2	1
2	Roller, Blade Guide Narrow	087889	1
	Roller, Blade Guide Extended (for optional use with 1 1/2" blades)	087890	1
3	Bearing, 6001 2RSR NACHI	087893	2
4	Ring, W28 Inside Retaining	F81090-9	1
5	Washer, Spacer	087891	2 (1)
	Washer, Spacer (used with the Extended Roller only) ¹	087892-1	1

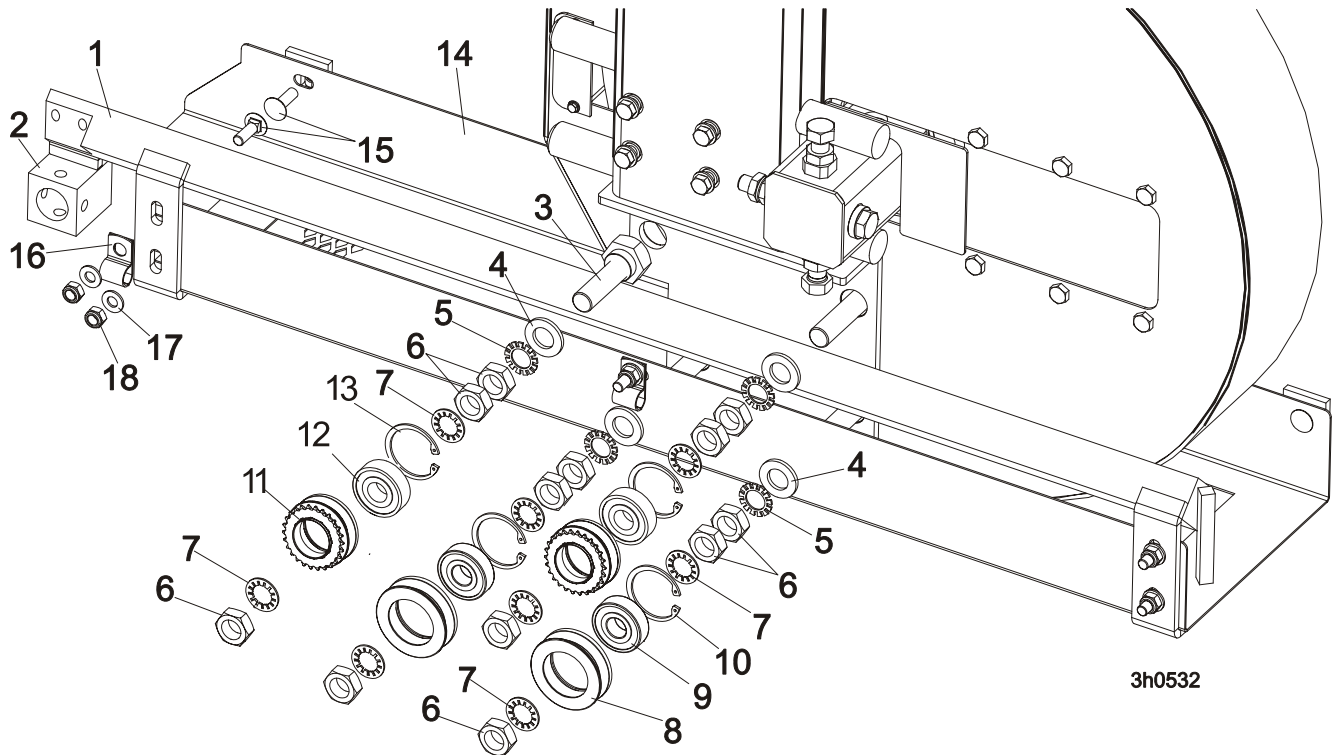
2 Blade Guide Rollers & Arm

Blade Guide Assembly, Drive Side

6	Bolt, Blade Guide Roller Zinc-Plated	087761-1	1	
	Bolt, Blade Guide Roller Zinc Plated (used with the Extended Roller only)	092940-1	1	
7	Plate, Zinc-Plated Blade Guide Mounting	087753-1	1	
8	Block, Zinc-Plated Roller Guide Adjuster	087756-1	1	
9	Screw, M6x16 BN 11252 "BOSSARD"	F81001-24	2	
10	Wiper, Blade Zinc-Plated	087757-1	1	
11	Block, Blade Guide Zinc	096956-1	1	
12	Shaft, Zinc-Plated Blade Guide Mount (Narrow Roller)	088255-1	1	
	Shaft, Zinc-Plated Blade Guide Mount (Wide Roller)	501406-1	1	
13	Nut, M10x1-04-ST-A2 ISO 8675 Thin	F81033-10	2	
14	Screw, M10x1x40 DIN913 Stainless Steel Set	F81015-2	2	
15	Bolt, M6x20-8.8 Hex Head Full Thread Zinc	F81001-2	2	
16	Bolt, M6x30 DIN933 A2-70 Stainless Steel	F81001-37	1	
17	Bolt, M8x30 DIN933 A2-70 Stainless Steel	F81002-27	2	
18	Nut, M8 DIN934 A2-70 Stainless Steel	F81032-7	2	
19	Screw, M10X1X20 DIN913 Stainless Steel Set	F81015-1	3	
20	BOLT, M10X1X25 DIN 933 STAINLESS STEEL	F81003-28	1	
21	NUT, M10x1-04-ST-A2 ISO 8675 THIN	F81033-10	4	
22	BLOCK WELDMENT, BLADE GUIDE MOUNT	087744	1	
23	BOLT, M10X35-8.8 HEX HEAD FULL THREAD ZINC	F81003-17	2	
24	WASHER, 10.2 SPLIT LOCK ZINC	F81055-2	2	

¹ Used only from the flanged side of the roller

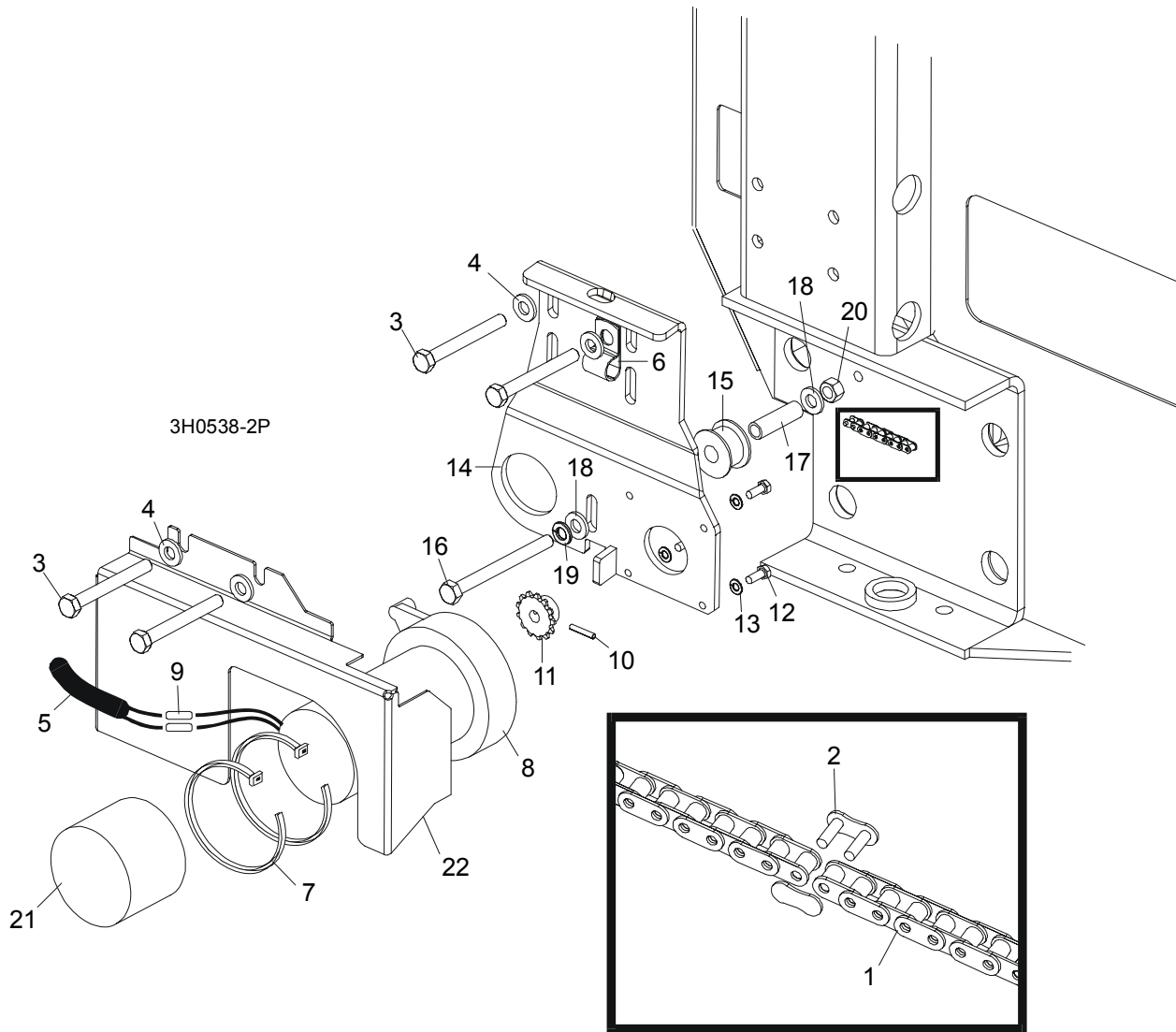
2.4 Blade Guide Arm & Rollers



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
1	BLADE GUIDE ARM WELDMENT	087018-1	1	
2	BLOCK WELDMENT, PAINTED BLADE GUIDE MOUNT	088292-1	1	
3	BOLT, BLADE GUIDE ARM ROLLER CAM	086508-1	4	
	BOLT, BLADE GUIDE ARM ROLLER CAM /HARDWOODS	505113-1 ¹	1	
4	WASHER, 17 FLAT	F81058-1	4	
5	WASHER, 5/8" EXTERNAL STAR	F05011-26	4	
6	NUT, 5/8-18 HEX JAM	F05010-11	12	
7	WASHER, 5/8" INTERNAL STAR	F05011-25	8	
	ROLLER ASSEMBLY, BLADE GUIDE ARM WITH BEARING	093855	2	
8	Roller, Blade Guide Arm V-Groove	093856-1	1	◆
9	Bearing, 6203-2RSP6-5/8 CX	095087	1	
10	Ring, W40 Retaining	F81090-3	1	
	ROLLER ASSEMBLY, BLADE GUIDE ARM WITH BEARING AND SPROCKET	501496	2	
11	Roller, Blade Guide Arm w/Sprocket	501495-1	1	◆
12	Bearing, 6203-2RSP6-5/8 CX	095087	1	
13	Ring, W40 Retaining	F81090-3	1	◆
14	GUIDE, BLADE	087042-1	1	
15	BOLT, M8x20-8.8 Fe/Zn5 PN-M/82406	F81002-11	7	
16	CLAMP, 1/2EMT COATED	P07584	2	
17	WASHER, 8.4 FLAT ZINC	F81054-1	7	
18	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	7	

¹ Mount instead of one 086508-1 bolt in LT40 saw head for hardwoods.

2.5 Blade Guide Arm Drive Assembly

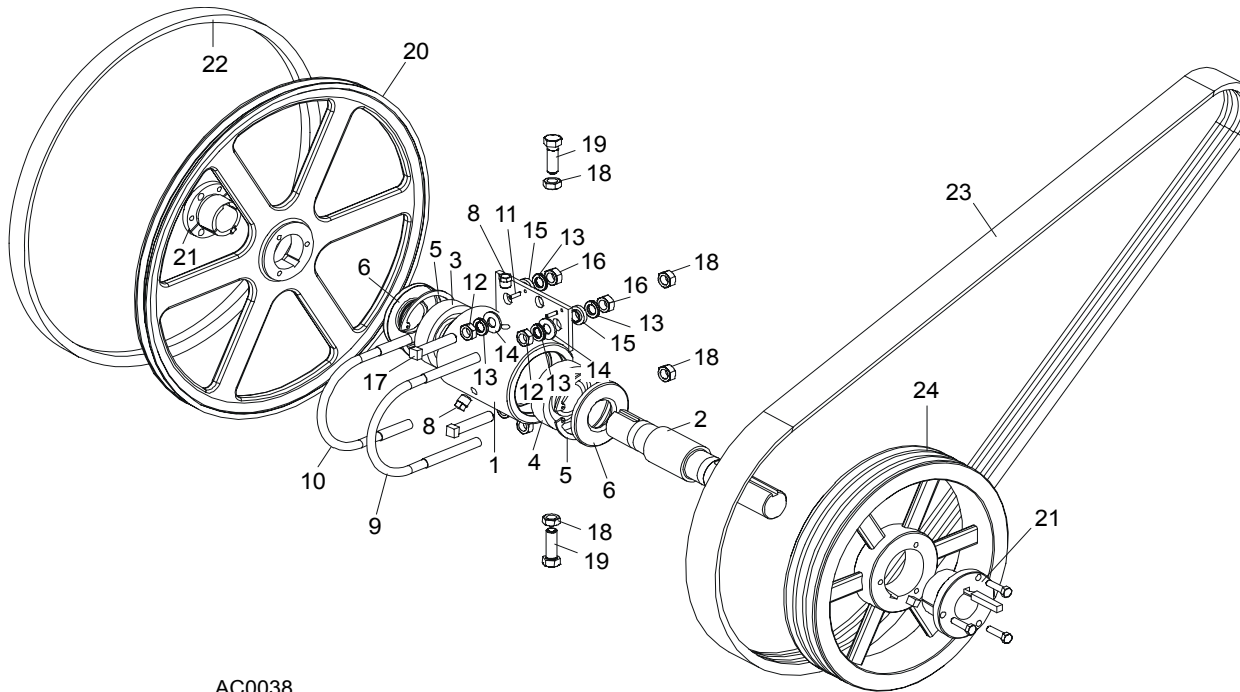


REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	CHAIN, #25 X 20 1/4"	P09984	1
2	LINK, #25 MASTER	P09983	1
3	BOLT, 5/16-18 X 2 3/4" HEX HEAD GRADE 5	F05006-28	4
4	WASHER, 8.4 FLAT	F81054-1	4
5	TUBE, 3/8" X 1/2" NEOPRENE	R01897	0,75 m
6	CLAMP, 1/2" COATED EMT	P07584	2
7	WRAP, 1/4" X 6" TIE	F05089-1	2
	DRIVE ASSEMBLY, BLADE GUIDE ARM	091005	1
	Motor Assembly, Blade Guide Arm Replacement	A10365	1
8	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	
9	Connector, 14 Gauge Butt	F04875-1	2	
10	Pin, 1/8" X 3/4" Roll	F05012-6	1	
11	Sprocket, Gear Motor #25 14-Tooth	P09970	1	
12	Screw, #10-32 x 1/2" Hex Head	F05004-60	4	
13	Washer, 4.1 Split Lock	F81051-4	4	
	Instruction Sheet, Blade Guide Arm Motor	A10353-296	1	
14	Bracket, Blade Guide Arm Motor Mount	087994-1	1	
15	Roller, Blade Guide Arm Chain Idler	S09999	1	
16	Bolt, 5/16-18 X 3 1/2" Hex Head Full Thread	F05006-3	1	
17	Spacer, 5/16" I.D. X 1 1/2"	S09996	1	
18	Washer, 5/16" SAE Flat	F81054-1	2	
19	Washer, 8.4 Split Lock	F05011-13	1	
20	Nut, 8.2 Hex Lock	F81054-4	1	
21	Boot, Gear Motor Weather	023720	1	
22	COVER, BLADE GUIDE ARM MOTOR	093460-1	1	

SECTION 3 BLADE WHEELS & TENSIONER

3.1 Blade Drive Assembly, LT40 Series MH

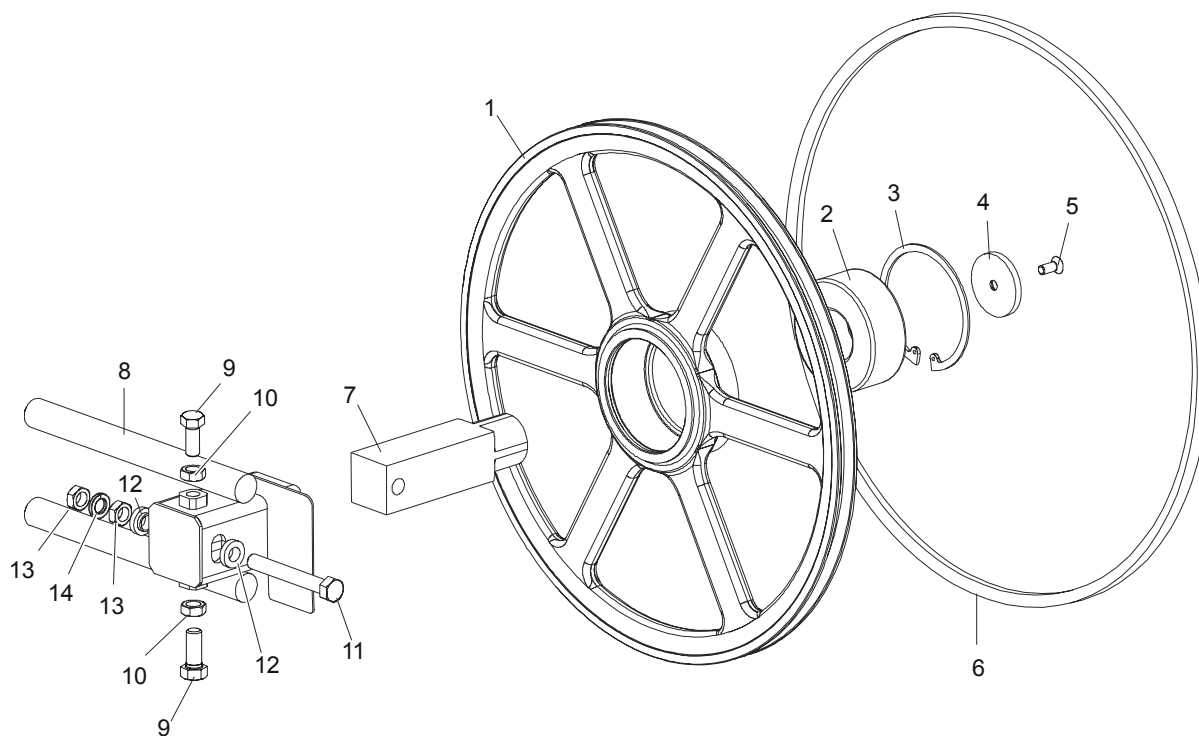


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REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	BEARING ASSEMBLY, BLADE WHEEL DRIVE	086291	1
1	Housing, Blade Wheel Drive Bearing	086293	1
2	Shaft, Blade Wheel Drive	086292	1
3	Bearing, Blade Wheel Drive NJ308	085939	1
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, 1/2-20 Hex Jam	F05010-16	4
13	Washer, 12.2 Split Lock	F81056-2	8
14	Washer, 13 SAE Flat	F81056-1	4
15	Spacer, .510" x .937" x .34"	S04253	4
16	Nut, 1/2-13 Hex	F05010-35	4
17	Screw, 1/2-20 x 2 1/2" Square Head Full Thread Set	F05008-110	2
18	Nut, M12-8 Hex Nylon Lock	F81034-2	4
19	Bolt, 1/2-20 x 1 1/2" Hex Head Grade 5	F05008-53	2
	Decal, Bearing End-Play	S12750	1

	Instruction Sheet, Bearing Retrofit	K10200-275	1	
	WHEEL KIT, DRIVE SIDE BLADE	014562	1	
20	Wheel, Drive Side Blade	016284	1	
21	Bushing, Modified 1 9/16" P1	087214	1	
	Instruction Sheet, Drive Side Blade Wheel Replacement	K12987-488	1	
22	BELT, BLADE WHEEL B57	P04185	1	
23	BELT, 3BX74 DRIVE (EA20, EA25)	014249	1	
24	PULLEY, 3B124 SK SPECIAL (EA20, EA25)	087203-1	1	

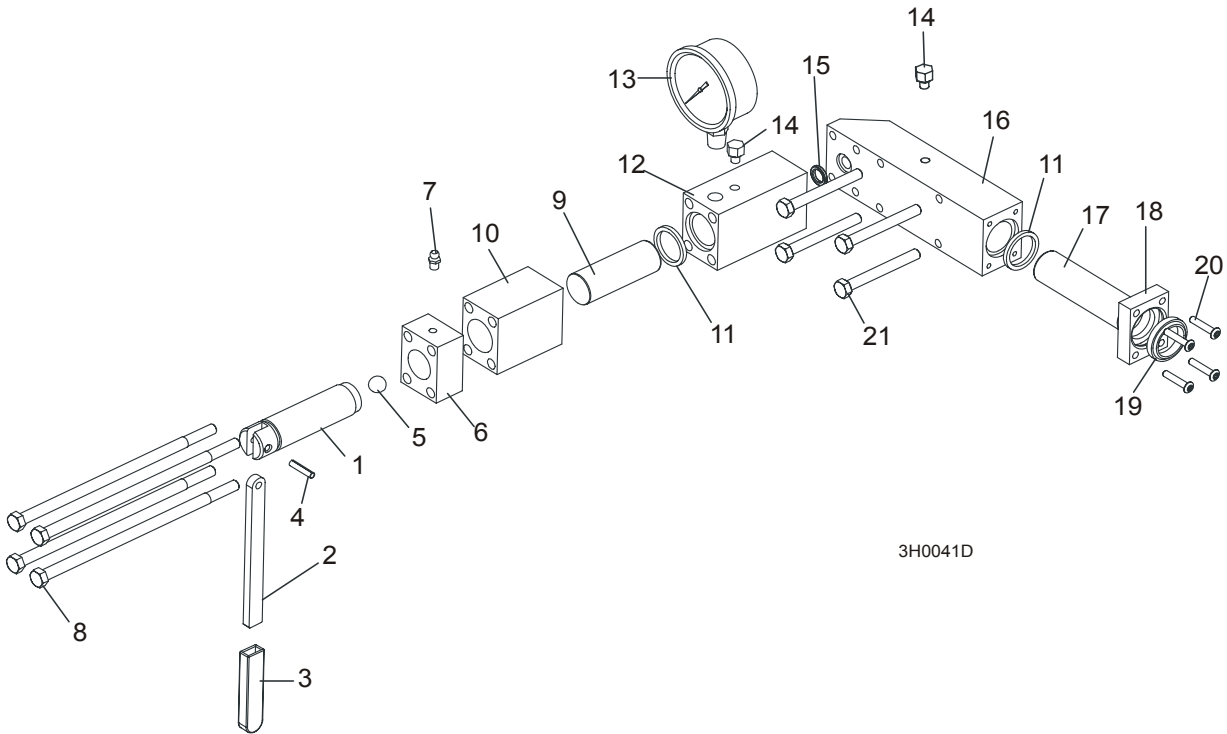
3.2 Idle Blade Wheel Assembly



SM0241C

REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	WHEEL ASSEMBLY, IDLE SIDE BLADE	016120	1	
1	Wheel, Idle Side Blade	016013	1	◆
2	Bearing, Idle Side Blade Wheel 3309 B.2RSR TVH FAQ	086428	1	
3	Ring, 100mm Internal Retaining Beveled	F04254-28	1	
4	RETAINER, ZINC	095929-1	1	
5	BOLT, M10x25 -10.9- Fe/Zn5 DIN 7991	F81003-82	1	
6	BELT, BLADE WHEEL B57	P04185	1	
7	SHAFT, IDLE BLADE WHEEL	095732	1	
8	HOUSING, IDLE BLADE WHEEL SHAFT	016103	1	
9	BOLT, 1/2-20 X 1 1/2" HEX HEAD GRADE 5	F05008-53	2	
10	NUT, 1/2-20 HEX JAM	F05010-16	2	
11	BOLT, M12x1,25x100-8.8 HEX HEAD FULL THREAD GRADE 2	F81004-41	1	
12	SPACER, 1/2" I.D. FLANGED	086769-1	2	
13	NUT, M12x1,25 8.8 HEX JAM	F81034-5	2	
14	WASHER, 12.2 SPLIT LOCK	F81056-2	1	

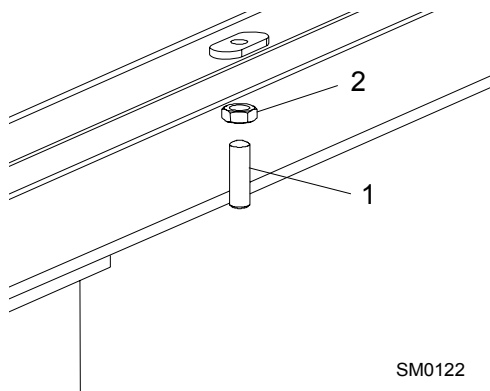
3.3 Hydraulic Blade Tensioner Assembly



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	HYDRAULIC BLADE TENSIONER ASSEMBLY	A10054	1	
	Handle Assembly, Hydraulic Blade Tensioner Screw	A12294	1	
1	Screw, Hydraulic Blade Tensioner	S10056	1	
2	Handle, Hydraulic Tensioner Screw	095930	1	
3	Sleeve, Plastic Handle	P08072	1	
4	Pin, 3/16" x 7/8" Roll	F05012-19	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	1	
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	
21	Bolt, 5/16-18 X 2 3/4" Hex Head Grade 5	F05006-28	4	
	Instruction Sheet, Hydraulic Tensioner Installation	A10136-272	1	

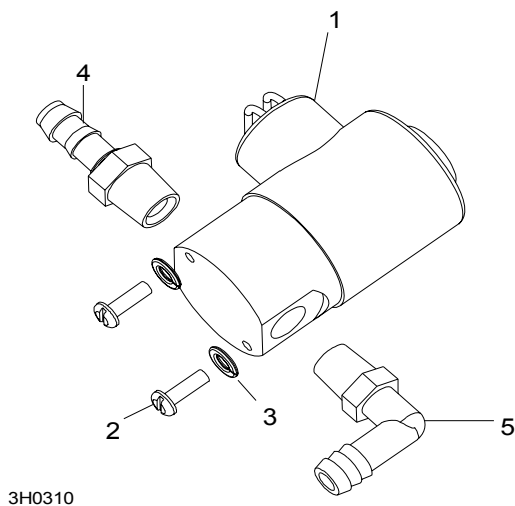
SECTION 4 SAW HEAD

4.1 Middle Throat Screw



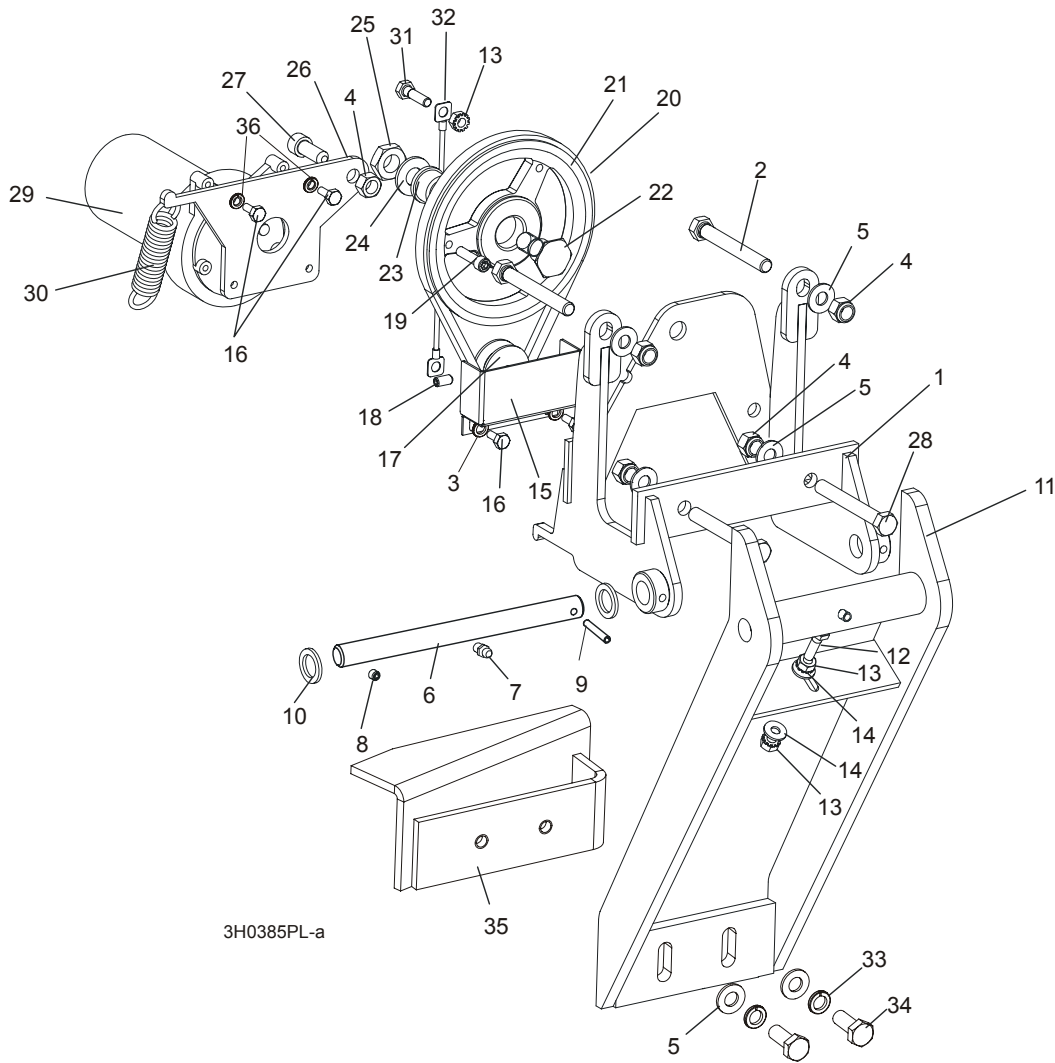
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
1	SCREW, 3/8-16 X 1 1/4" OVAL POINT SOCKET SET	F05007-18	1	
2	NUT, 3/8-16 HEX JAM	F05010-29	1	

4.2 Water Lube Solenoid Valve



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
1	VALVE, WATER LUBE SOLENOID	016140	1	
2	SCREW, 4MM X 12 CROSS SLOT ROUND HEAD	F05004-74	2	
3	WASHER, 4MM SPLIT LOCK	F05011-57	2	
4	FITTING, 1/4" MALE NPT 3/8" HOSE BARB	P04682	1	
5	FITTING, 1/4" MALE NPT 3/8" HOSE BARB ELBOW	P04730	1	

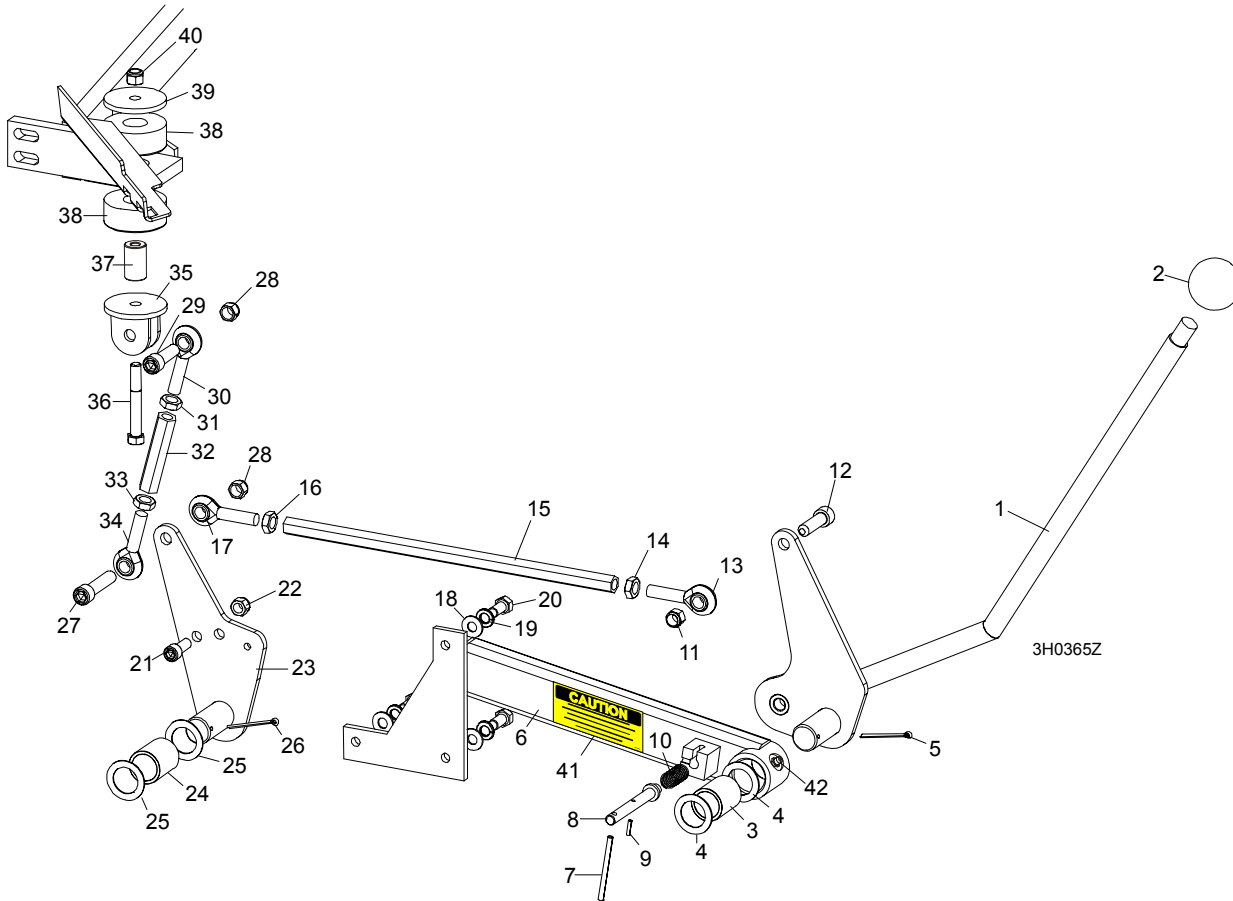
4.3 Board Return Assembly



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	RETURN ASSEMBLY, BOARD	087839-1	1
1	Mount Weldment, Board Return	087788-1	1
2	Bolt, M10x70-8.8 Fe/Zn5 PN-M/82302 Hex Head	F81003-60	2
3	WASHER, M5, FLAT ZINC	F81052-1	2
4	NUT,M10-8-B NYLON HEX ZINC LOCK	F81033-1	5
5	Washer,10.5 Flat	F81055-1	6
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
12	Screw, 1/4-20 x 3/4" 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 Ptd	087985-1	1	
16	Screw, 10-32 x 1/2" Hex Head Machine	F05004-60	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	BOLT, M10x75-8.8-Fe/Zn5 PN-M/82101	F81003-15	2	
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	Angle, Board Return	087835-1	1	
36	WASHER, M5 SPLIT LOCK	F81052-2	2	

4.4 Clutch Lever Assembly

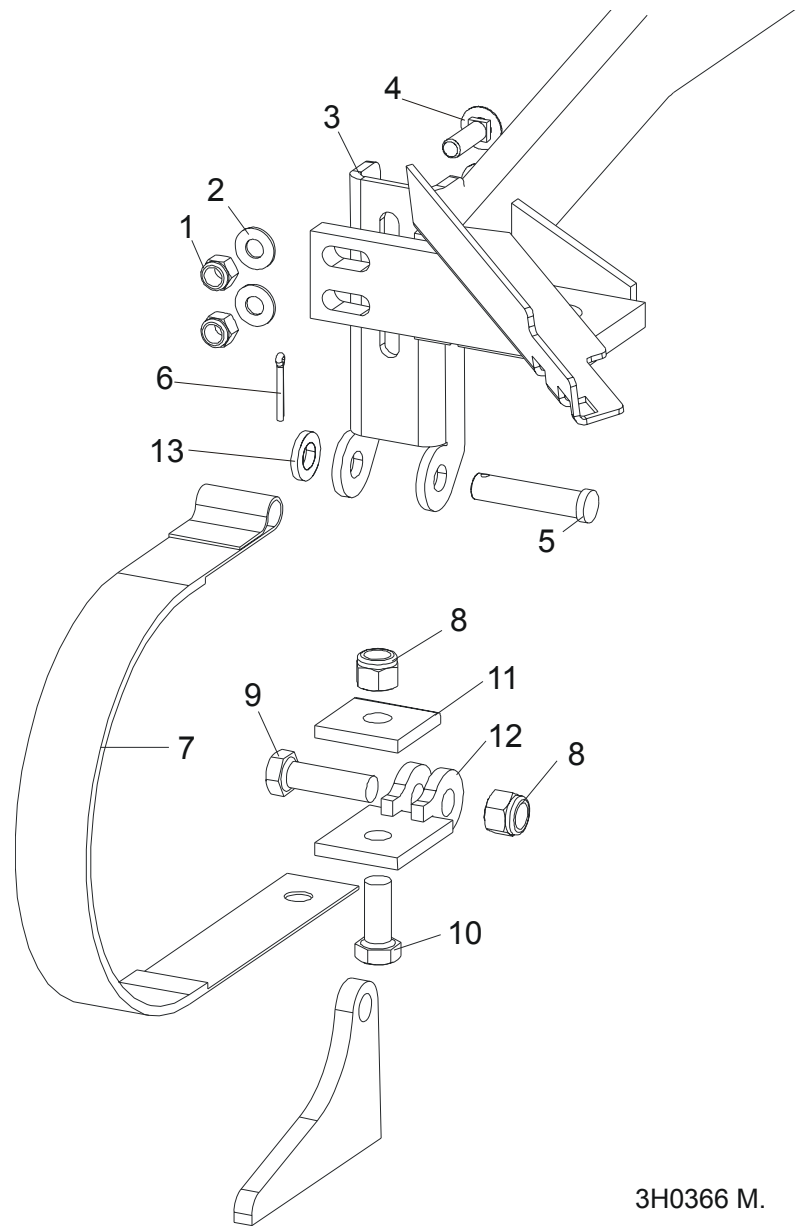


REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	HANDLE ASSEMBLY, EXTENDED CLUTCH/BRAKE	086242	1	
1	Lever, Clutch/Brake	086339-1	1	◆
2	Knob, Plastic Round	086337	1	
3	Bushing, Clutch/Brake Pivot	P05041	1	
4	Washer, Clutch/Brake Pivot	087051-1	2	
5	Pin, 1/8" X 1 3/4" Cotter	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 ¹	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	
17	Rod End, 7/16-20 Right Hand Thread	P11579	1	
18	WASHER, 8.4 SAE FLAT	F81054-1	3	
19	WASHER, 8.2 SPLIT LOCK	F81054-4	3	

20	BOLT, M8X20-8.8-B HEX HEAD	F81002-4	3	
21	BOLT ,M10 X 25 SOCKET HEAD	F81003-32	1	
22	NUT, M10-8-B HEX NYLON LOCK	F81033-1	1	
23	PLATE WELDMENT, CLUTCH PIVOT	087086-1	1	
24	BUSHING, CLUTCH/BRAKE PIVOT	095349	1	
25	WASHER, CLUTCH/BRAKE PIVOT	087051-1	2	
26	PIN, 1/8" X 1 3/4" COTTER	F05012-43	1	
27	SCREW, 7/16-20 X 2" SOCKET HEAD	F05007-120	1	
28	NUT, 7/16-20 HEX NYLON LOCK	F05010-83	2	
29	SCREW, 7/16-20 X 2" SOCKET HEAD	F05007-120	1	
	TURNBUCKLE ASSEMBLY, CLUTCH/BRAKE LEVER	A12304	1	
	TURNBUCKLE ASSEMBLY, 3 3/4" CLUTCH/BRAKE LEVER (50Hz Electric Only)	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	BRACKET, CLUTCH MOUNT	W12411-1	1	
36	BOLT, M10X70-8.8 HEX HEAD, ZINC	F81003-20	1	
37	SPACER, MOTOR MOUNT VIBRATION BUSHING	506712	1	
38	BUSHING, MOTOR MOUNT VIBRATION	P05032	2	
39	WASHER, 3/8" I.D. X 2 1/4" O.D. X 3/16" THICK	S12412-0	1	
40	NUT, 3/8-16 NYLON LOCK	F05010-10	1	
41	DECAL, PLACE PIN IN DETENT POSITION	085089	1	
42	FITTING, M6 GREASE	086280	1	

¹ 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.

4.5 Brake Assembly



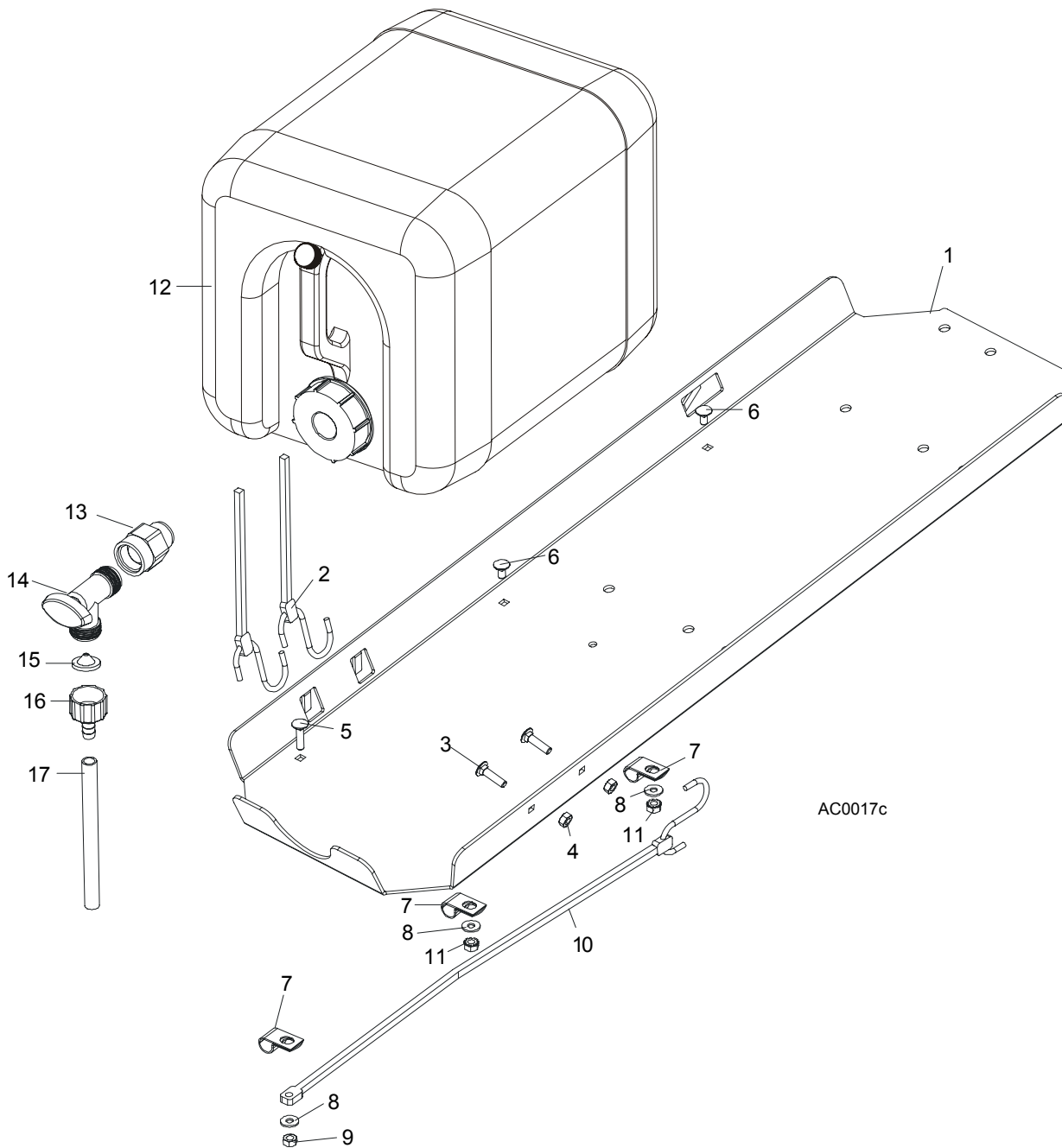
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REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	STRAP RETROFIT, SUPER BRAKE	014441	1
1	Nut, 3/8-16 Nylon Lock	F05010-10	2
2	Washer, 10.5 Flat	F81055-1	2
3	Bracket, Upper Super Brake Strap Mount	014395	1
4	Bolt, 3/8-16 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
9	Bolt, M12 x 40-8.8 Hex Head	F81004-4	1
10	Bolt, M12 x 30-8.8 Hex Head	F81004-22	1
11	Plate, Brake Strap Clamp	S04195-1	1

4**Saw Head***Brake Assembly*

12	Bracket, Lower Super Brake Strap Mount	014392	1	
13	Washer, 13 Flat Zinc	F81056-1	1	

4.6 Water Lube Assembly



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
1	TRAY, ELECTRIC BOX/WATER BOTTLE	086528-1	1	◆
2	STRAP, 20" RUBBER	P11668	2	
3	BOLT, 1/4-20 X 1" CARRIAGE HEAD	F05005-34	4	
4	NUT, 1/4-20 HEX LOCK	F05010-21	4	
5	BOLT, 1/4-20 X 1" CARRIAGE HEAD	F05005-34	1	
6	BOLT, 1/4-20 X 1/2" CARRIAGE HEAD	F05005-33	2	
7	CLAMP, 1/2" EMT HOSE	P07584	3	
8	WASHER, 7.4 FLAT	F81056-11	3	
9	NUT, 1/4-20 HEX LOCK	F05010-21	1	

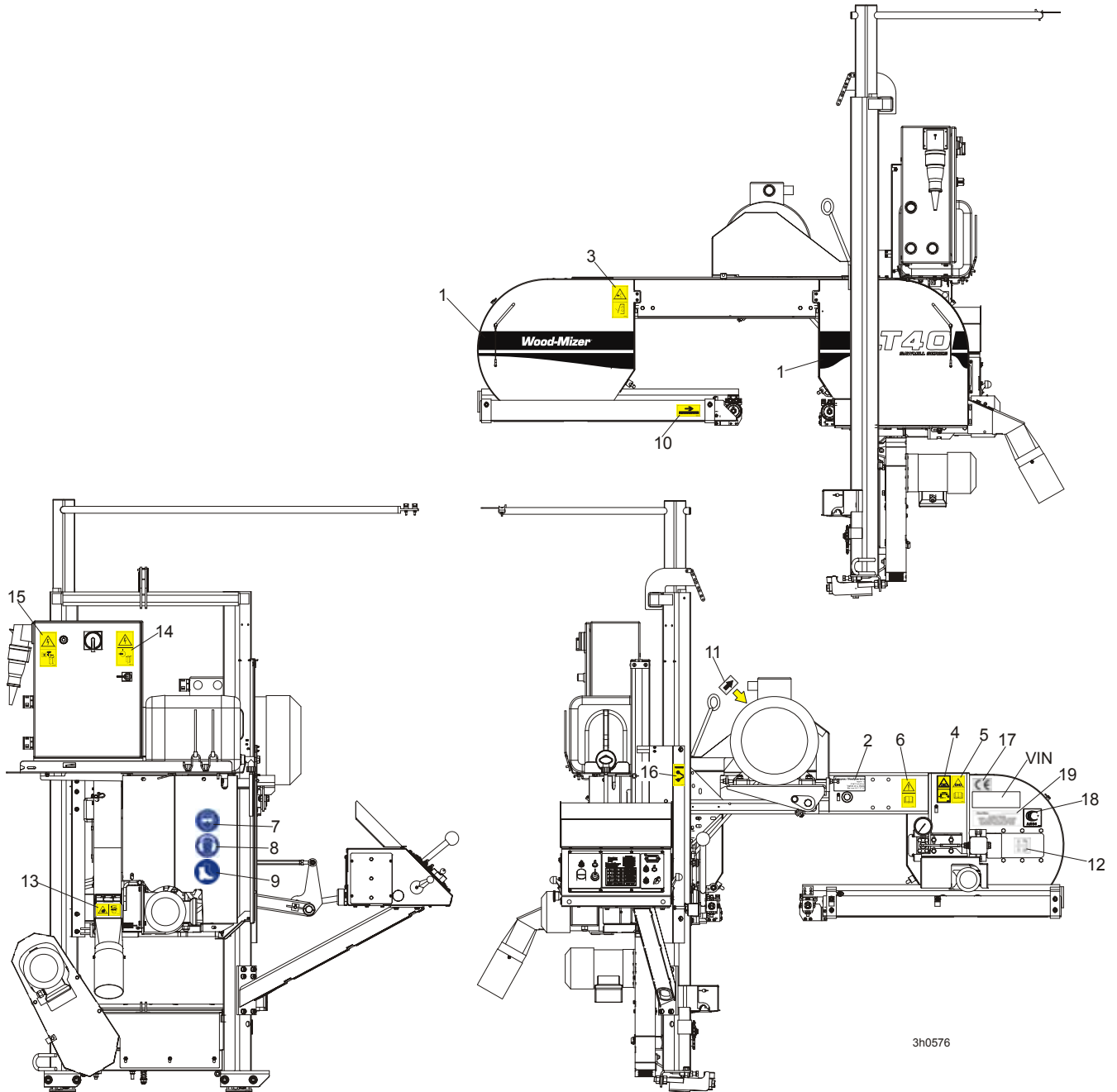
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Saw Head*Water Lube Assembly*

10	STRAP, 15" RUBBER	P07461	1	
11	NUT, 1/4-20 SELF-LOCKING	F05010-9	2	
12	BOTTLE, 5-GALLON WATER	014637	1	
13	FITTING, 3/4FPT X 3/4MPT	014636	1	
14	FITTING, WATER LUBE SHUTOFF VALVE	014100	1	
15	FILTER, WATER LUBE	016086 ¹	1	
16	FITTING, 5/8" NPT TO 3/8" HOSE BARB	014113	1	
17	TUBING, WATER LUBE 3/8" I.D.	R01885	2,1 m	

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

4.7 LT40AC Saw Head Decals



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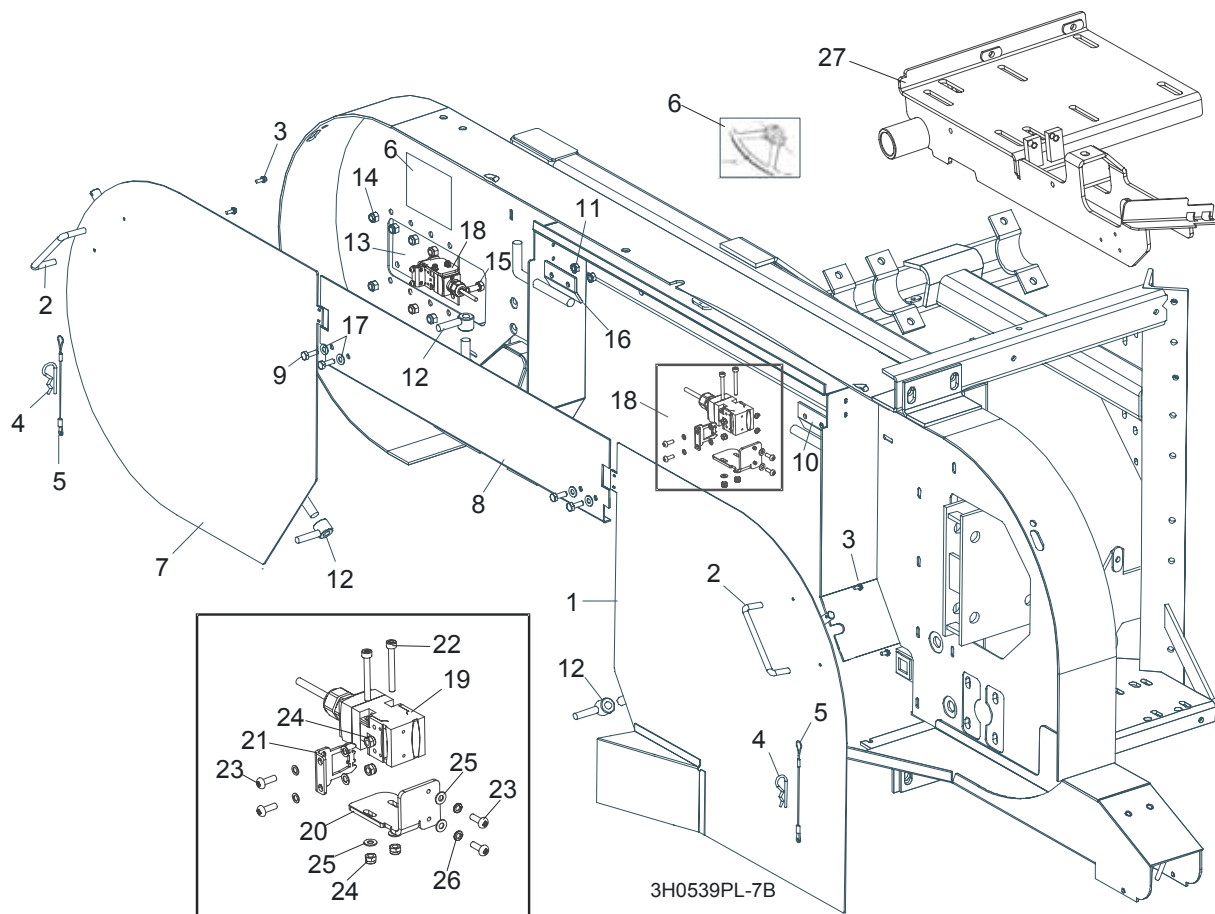
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	DECAL, LT40 SERIES SAWMILL	092763	1
	PICTOGRAPHIC DECAL KIT, LT40AC	099516	1
2	DECAL, EUROPEAN HEADQUARTERS ADDRESS	015841	1
3	DECAL, SAWMILL COVERS CAUTION	099220	2
4	DECAL, BLADE TENSION (PICTOGRAM)	099219	1
5	DECAL, BLADE TENSION - INSTRUCTIONS (PICTOGRAM)	099223	1
6	DECAL, READ OPERATOR'S MANUAL (PICTOGRAM)	096317	1

4

Saw Head*LT40AC Saw Head Decals*

7	DECAL, EYE PROTECTION WARNING (PICTOGRAM)	S12004G	1	
8	DECAL, EAR PROTECTION WARNING (PICTOGRAM)	S12005G	1	
9	DECAL, USE SAFETY BOOTS (PICTOGRAM)	501465	1	
10	DECAL, BLADE MOVEMENT DIRECTION (PICTOGRAM)	096321	1	
11	DECAL, MOTOR ROTATION DIRECTION	S20097	1	
12	DECAL, BLADE ALIGNMENT	P11789	1	
13	DECAL, SAWDUST CHUTE WARNING (PICTOGRAM)	099222	1	
14	DECAL, HIGH VOLTAGE INSIDE THE ELECTRIC BOX (PICTOGRAM)	096316	2	
15	DECAL, REMOVE THE PLUG BEFORE OPENING THE BOX (PICTOGRAM)	096319	2	
16	DECAL, BLADE DRIVE WARNING (PICTOGRAM)	096315	1	
17	DECAL, CE CERTIFIED SAWMILL (SMALL)	P85070	2	
18	DECAL, RUSSIAN SAFETY CERTIFICATION	099401	1	
19	DECAL, INTERNATIONAL SAWMILL NAME	501466	1	
	DECAL, BLADE SETTING	P85066	1	
	DECAL, KEEP AWAY DANGER, PICTOGRAM	099221	1	
	DECAL, MAX. OIL PRESSURE, PICTOGRAM	099524	1	

4.8 Blade Housing Covers



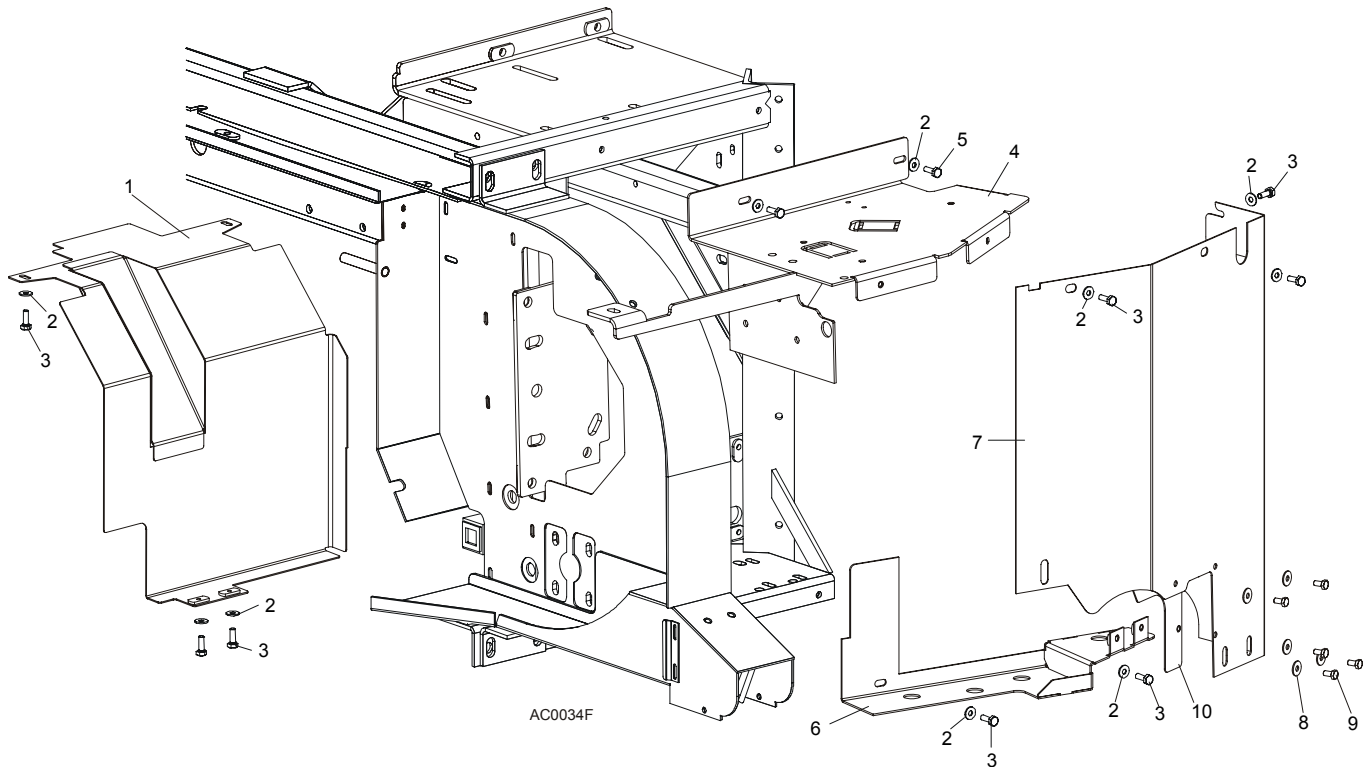
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	COVER ASSEMBLY, DRIVE SIDE BLADE HOUSING WITH HANDLE	087165	1
1	Cover Weldment, Drive Side Blade Housing	087159-1	1 ◆
2	Handle, Blade Housing Cover	P08065	1
3	Screw, #8-32 x 3/8"	F05015-8	2
	Pin Assembly, Cover Retainer	A11881	1
4	Pin, Safety Retainer	N/A	1
5	Cable, 3/64" x 6" Lanyard	N/A	1
6	DECAL, BLADE SETTING	P85066	1
	COVER, IDLE SIDE BLADE HOUSING WITH HANDLE	086431	1
7	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
	Pin Assembly, Cover Retainer	A11881	1
4	Pin, Safety Retainer	N/A	1
5	Cable, 3/64" x 6" Lanyard	N/A	1
8	COVER, MIDDLE BLADE HOUSING	087326-1	1
9	BOLT, 1/4-20 X 3/4" HEX HEAD	F05005-1	4

4

Saw Head*Blade Housing Covers*

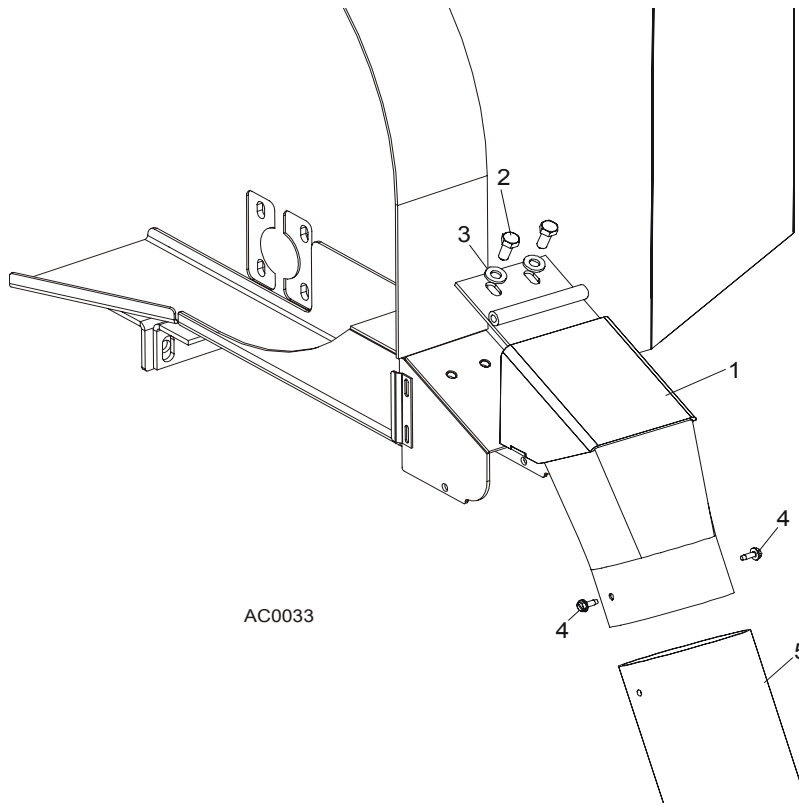
10	HINGE, MIDDLE BLADE HOUSING COVER	S07522	1	
11	NUT, 1/4-20 SELF-LOCKING HEX	F05010-9	4	
12	NUT, COVER TURN	086365-1	2	
13	PLATE, IDLE BLADE WHEEL GUARD	086230	1	
14	NUT, 5/16-18 HEX NYLON LOCK	F05010-58	6	
15	BOLT, 5/16-18 X 3/4" HEX HEAD GRADE 2	F05006-5	6	
16	HINGE, MIDDLE BLADE HOUSING COVER	085336-1	1	
17	WASHER 6.4 ZINC	F81053-1	4	
18	SWITCH ASSEMBLY, SAFETY SHUT-OFF	094301	2	
19	Safety Switch, AZ17-11ZRK	094232	2	
20	Bracket, Safety Switch Mount Painted	094300-1	2	
21	Key, AZ17/170-B5 Safety Switch	094422	2	
22	Bolt, M4 x 35-8.8 Socket Head	F81011-34	4	
23	Screw, M4 x 12-5.8	F81011-43	8	
24	Nut, M4 Hex	F81029-1	8	
25	Washer, M4 Split Lock Zinc	F81051-1	4	
26	Washer, 4.3	F81051-2	8	
27	MOUNT WELDMENT E15,E20,E25	087736-1	1	

4.9 Drive Belt Covers



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	GUARD, E15/E20/E25 BELT LOWER PAINTED	087660-1	1
2	WASHER, 6.5 SPECIAL FLAT ZINC	F81053-11	11
3	BOLT, M6 X 20-8.8 HEX HEAD FULL THREAD ZINC	F81001-2	9
4	GUARD WELDMENT, AC SAW HEAD UPPER PAINTED	086621-1	1
5	BOLT, M6 X 12-8.8 HEX HEAD FULL THREAD ZINC	F81001-7	2
	GUARD, AC SIDE PAINTED COMPLETE (WITHOUT BRAKE)	100621	1
	GUARD, AC SIDE PAINTED COMPLETE (WITH BRAKE)	100622	1
6	GUARD, AC LOWER	087525-1	1
7	GUARD, AC SIDE PAINTED (WITHOUT BRAKE)	086420-1	1
	GUARD, AC SIDE PAINTED (WITH BRAKE)	087333-1	1
8	WASHER, 6.5 SPECIAL FLAT ZINC	F81053-11	5
9	BOLT, M6 X 12-8.8 HEX HEAD FULL THREAD ZINC	F81001-7	5
10	PLATE, CAP COMPLETE	501393-1	1

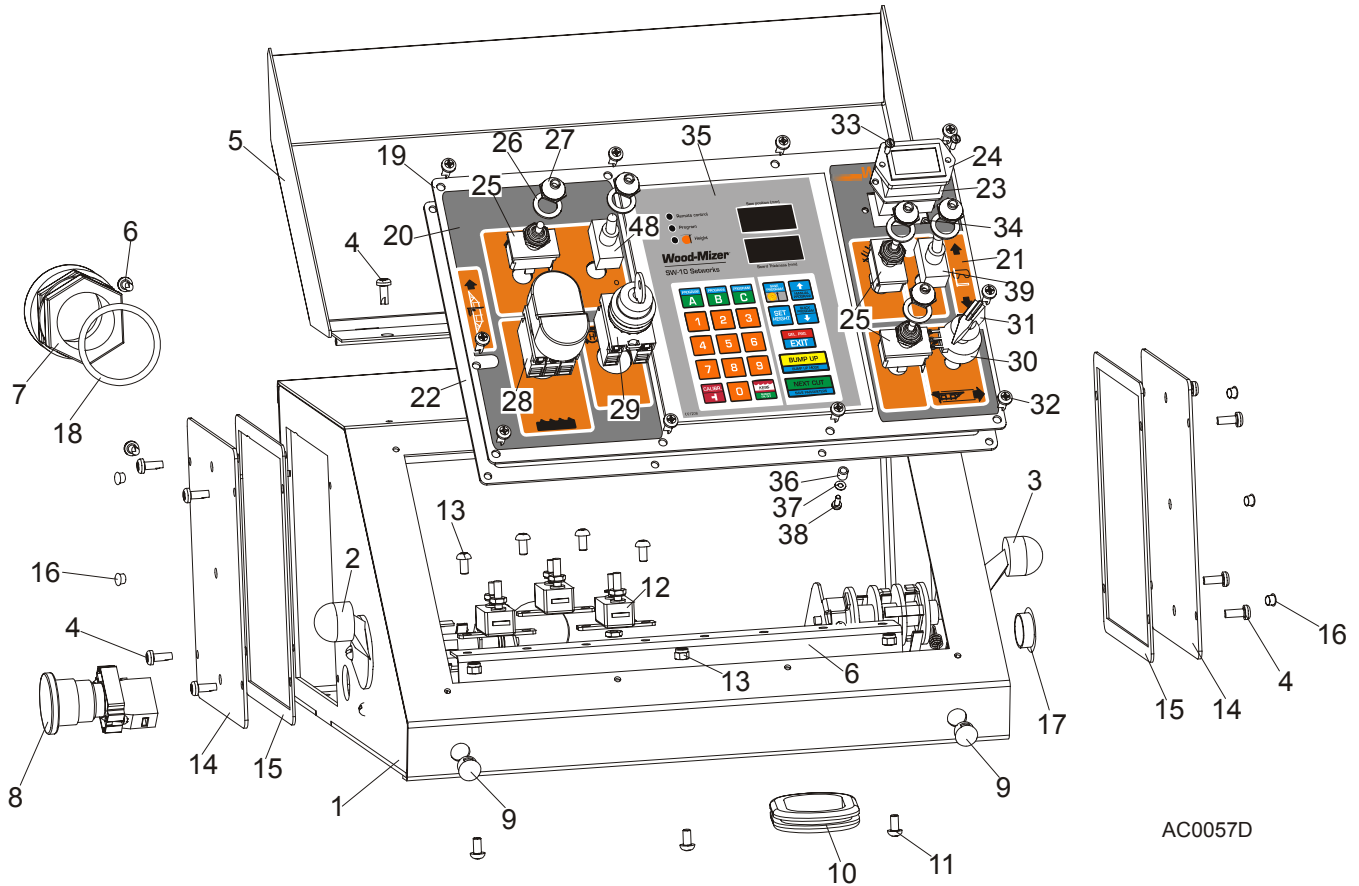
4.10 Sawdust Chute



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
1	CHUTE , LT40 SAWDUST	501500-1	1	
2	BOLT, M8x16	F81002-20	2	
3	WASHER, 8.4 FLAT	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, LT40AC Series MH



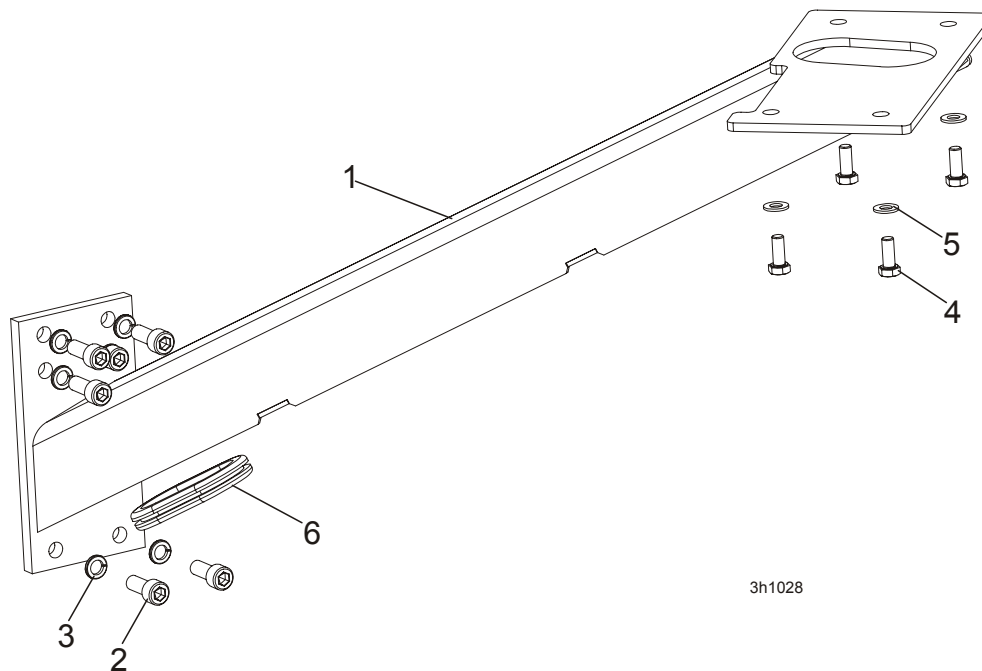
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REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	CONTROL BOX ASSEMBLY, LT40 AC	098690	1
1	Control Box, LT40AC	099622-1	1
2	Switch, 1992GS Pwr/Feed (Service Package)	E20438	1
3	Switch, 1992 Up/Down (Service Package)	E20440	1
4	Bolt, #10-24x1/2 Ph Pan Hd, Type 23	F05015-17	12
5	Cover Weldment, LT20/40 Complete	097135-1	1
6	Rail, Circuit Breaker	015310	1
7	Connector, 1 1/4 Straight Metal Conduit	024402	1
8	Switch, XB2 BS542 Emergency	086556	1
9	Switch, Speed Control	086773	2
10	Grommet, Rubber	087065	1
11	Screw, H M5x10 8.8 Zinc	F81000-13	7
12	Breaker, 15A Manual Reset	E20430	3
13	Nut, M5-8 Zinc	F81030-2	3
	Cover, Control Box Side Complete	086700	2
14	Cover, Control Box Side	086699-1	1
15	Gasket, Control Box Side	015274	1

16	Cap, SR1086 6.4 Dia. Hole	099700	6	
17	Cap, SR1086 22.2 Dia. Hole	093544	1	
18	Seal, 1 1/4 Ring LQTI w/Retainer	015430	1	
	Panel, LT40 AC Front Control Complete	098689	1	
19	Panel, LT20/40 AC Front Control	100572-1	1	
	Panel, LT40 AC Front Control	098586-1 ¹	1	
20	Decal, LT20/40 AC Control Box Left	099594	1	
21	Decal, LT40 DC Control Box Right	099596	1	
22	Gasket, LT20/40 Control Box	097132	1	
23	Gasket, Hour Meter	093346	1	
24	Meter, Hour	093166	1	
25	Switch, Toggle	024200	3	
26	Washer, 1/2x3/4x1/16 Nylon	P05251-1	5	
27	Boot, Toggle Switch	P02575	5	
28	Button, 24V Start/Stop	090452	1	
	Membrane M22-T-DD	090462	1	
29	Switch, M22 3-position Key	091361	1	
30	Potentiometer, 1k Feed Rate	E20519	1	
31	Knob, Speed Control	P06257	1	
32	Bolt, #10-24x1/2 Ph Pan Hd, Type 23	F05015-17	10	
33	Bolt, M3x12-8.8 Zinc	F81000-12	2	
34	Nut, M3-6 Nylon Zinc Lock	F81028-2	2	
35	Controller, SW-10 Setworks	500628	1	
36	Spacer, 4.2x6mm Idler	R80671-4	6	
37	Washer, 3.2 Flat Zinc	F81050-2	6	
38	Screw, M3x8-4.8 Zinc	F81000-83	6	
39	Switch, SPST On/Off 15A .25 TABS Toggle	P03027	2	

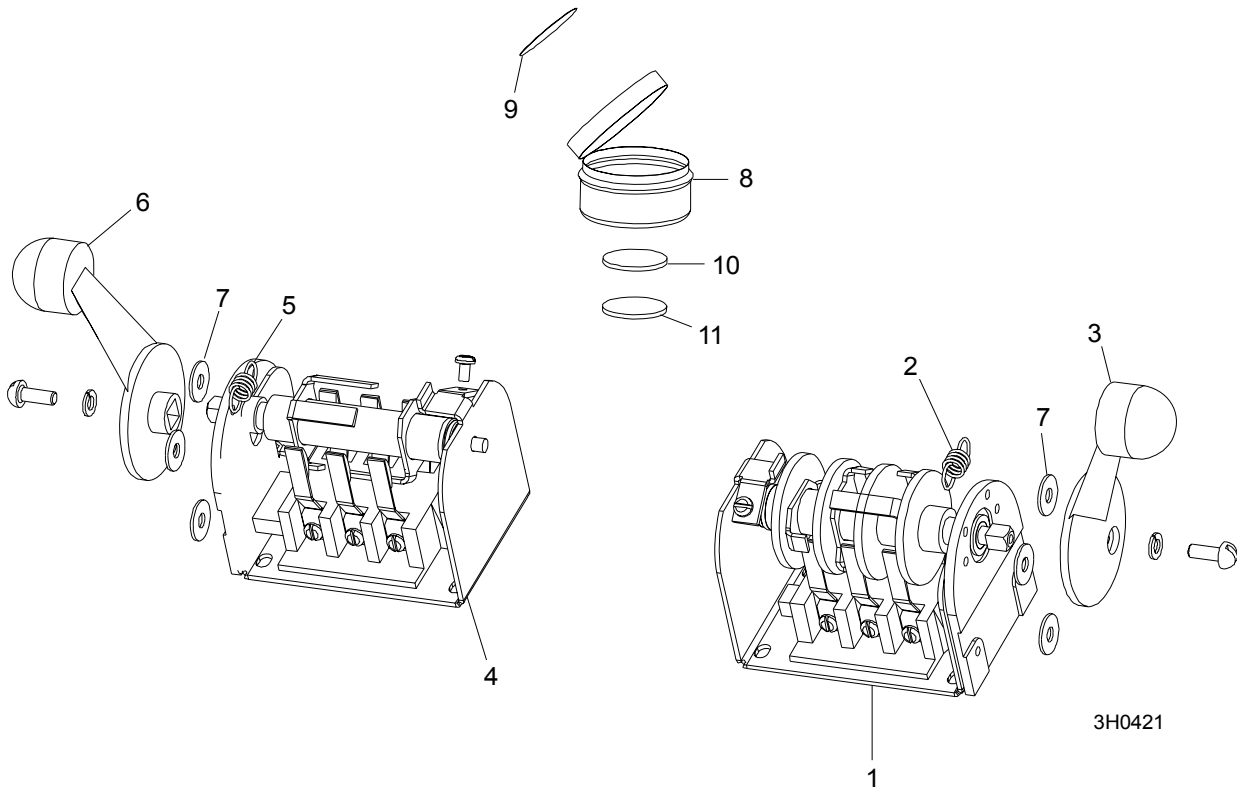
¹ Use in African version only.

5.2 Control Box Bracket



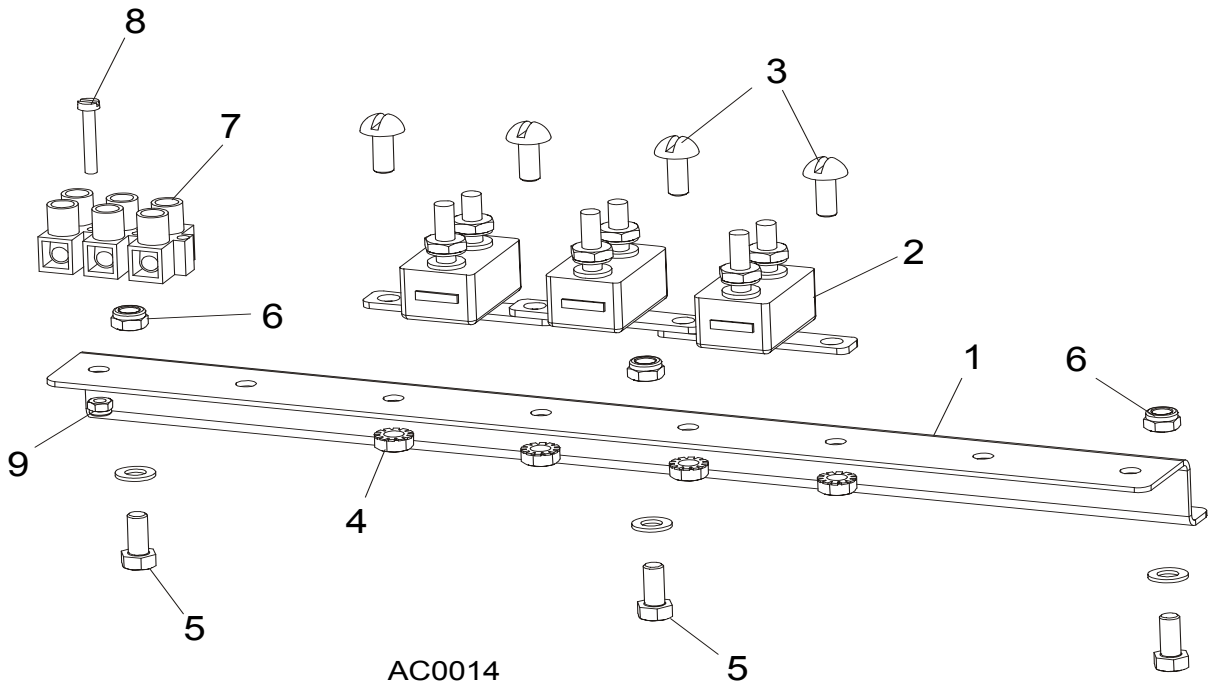
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1	MOUNT WELDMENT, STANDARD CONTROL BOX	086732-1	1	
2	BOLT, M10x25 8.8 ZINC SOCKET HEAD	F81003-32	6	
3	WASHER, 10.2 SPLIT LOCK ZINC	F81055-2	6	
4	BOLT, M8X20MM HEX HEAD, GR 5.8 ZINC	F81002-4	4	
5	WASHER, 8.4 FLAT ZINC	F81054-1	4	
6	GROMMET, RUBBER	087065	1	

5.3 Drum Switches



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	SWITCH ASSEMBLY, UP/DOWN DRUM	E20440	1	
1	Switch, S12 Bulk Drum	E20440-B	1	◆
2	Spring, Drum Switch	P12570	1	
3	Handle, Drum Switch Replacement	P12500	1	
	SWITCH ASSEMBLY, POWER FEED DRUM	E20438	1	
4	Switch, S10 Bulk Drum	E20438-B	1	◆
5	Spring, Drum Switch	P12570	1	
6	Handle, Drum Switch Replacement	P12500	1	
7	WASHER, #8 SAE FLAT	F05011-41	6	
	CUP ASSEMBLY, DRUM SWITCH GREASE	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	.011ml	◆

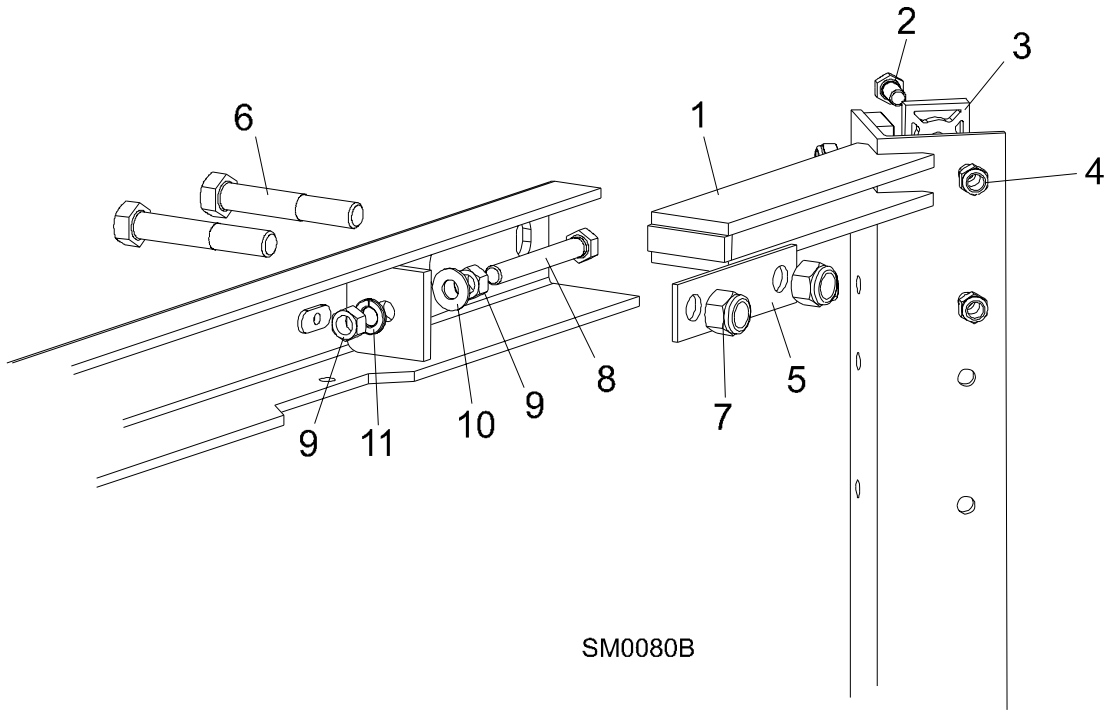
5.4 Circuit Breakers



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	RAIL, CIRCUIT BREAKER	015310	1
2	BREAKER, 15 AMP MANUAL RESET	E20430	5
3	SCREW, H M5X10 8.8 ZINC	F81000-13	4
4	NUT, M5-8 ZINC HEX SELF-LOCKING	F81030-2	4
5	SCREW, M5X12-5.8 ZINC	F81000-5	3
6	NUT, M5-8 ZINC HEX SELF-LOCKING	F81030-2	3
7	STRIP, ELECTRIC WIRE	F81086-1	1
8	SCREW, M3 X 20-5.8	F81000-8	1
9	NUT, M3	F81028-2	1

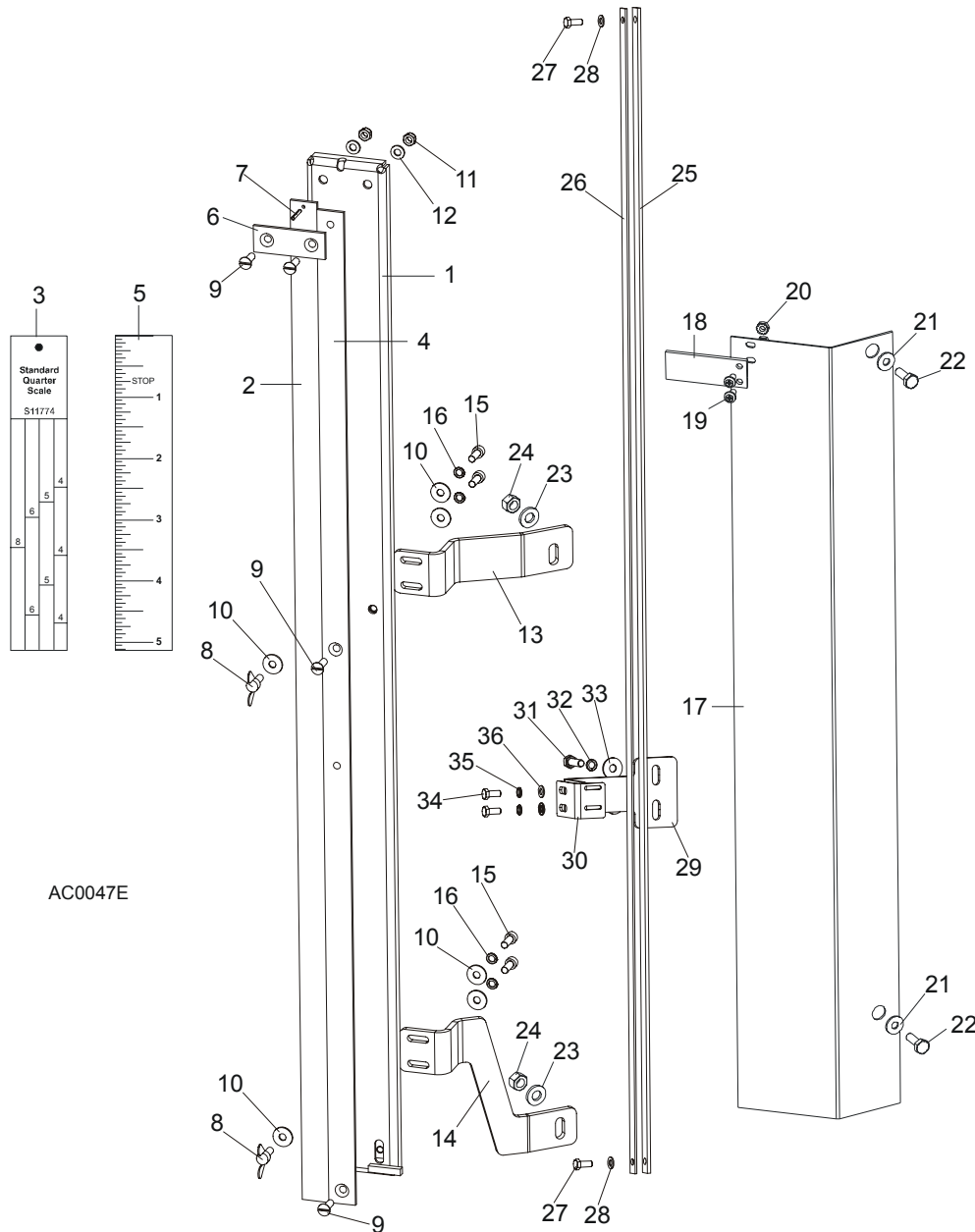
SECTION 6 UP/DOWN SYSTEM

6.1 Saw Head V-Brace Mount



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	V-BRACE, SAW HEAD MOUNT	086308	1
2	BOLT, 5/16-18 X 3/4" HEX HEAD GRADE 5	F05006-5	19
	BOLT, 5/16-18 X 1 1/4" HEX HEAD FULL THREAD	F05006-18	5
3	PAD, PLASTIC SLIDE	M04096	12
4	NUT, 5/16-18 NYLON LOCK	F05010-58	19
	NUT, 5/16-18 HEX	F05010-17	5
5	PLATE, V-BRACE WASHER	091247	4
6	BOLT, M12 X 40 - 8.8 HEX HEAD	F81004-1	4
7	NUT, M12 - 8 NYLON LOCK	F81034-2	4
8	BOLT, 3/8-16 X 3" FULL THREAD	F05007-1	2
9	NUT, 3/8-16 HEX	F05010-1	4
10	WASHER, 10.5 FLAT	F81055-1	2
11	WASHER, 10.2 SPLIT LOCK	F81055-2	2

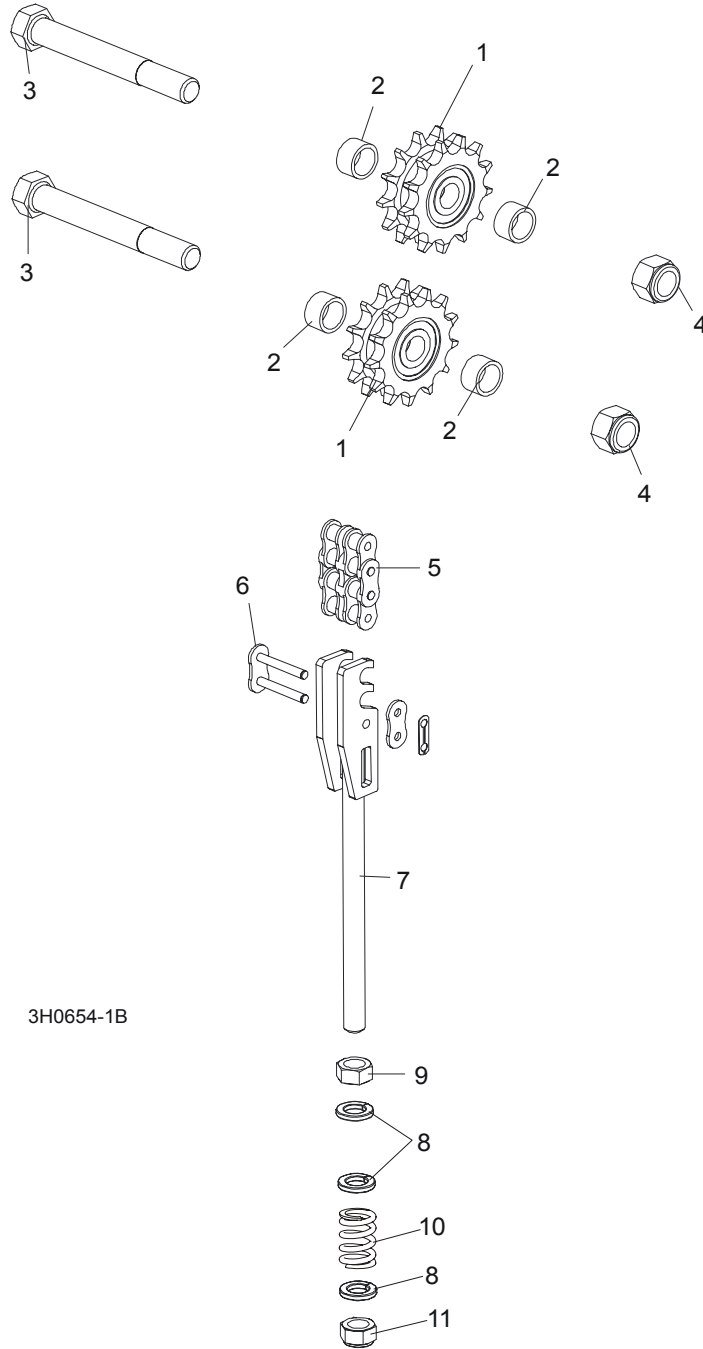
6.2 Blade Height Scale



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	SCALE, BLADE HEIGHT W/SCANNER	098882	1
1	Bracket, Scale Mounting	098890-1	1
2	Scale, 35" Quarter	093342	1
3	Decal, 35" Standard Quarter Scale	090716	1
	Decal, 35" Grade Hardwood Quarter Scale	090717	1
4	Scale, 35" Inch	093341	1
5	Decal, 35" Inch	090709	1
6	Strap, Scale Hold-Down	093134	1
7	Pin, 3x20 Roll	F81044-5	1
8	Screw, M6x16 Wing	F81001-16	2
9	Screw, M6x20- 4.8-B	F81001-31	4

10	Washer, 6.5 Flat	F81053-11	7	
11	Nut, M6, Hex, Nylon Lock Zinc	F81031-2	2	
12	Washer, M6, Flat, Zinc	F81053-1	2	
13	Bracket, Scale Upper	098880-1	1	
14	Bracket, Scale Lower	098881-1	1	
15	Bolt, M6x16-8.8 Socket Head	F81001-21	4	
16	Washer, M6 Split Lock Zinc	F81053-3	4	
	Pointer Assembly, Fixed Scale	A12023	1	
17	Bracket, Fixed Scale Pointer Mount	087044-1	1	◆
18	Indicator, Blade Height Scale	094821	1	
19	Screw, M4x12 -5,8-B- Fe/Zn5	F81011-43	2	
20	Nut, M4-B Fe/Zn5	F81029-1	2	
21	Washer, 6.5 Flat	F81053-11	2	
22	Bolt, M6x12-8.8-Zinc	F81001-7	2	
23	Washer, 8.4 Flat	F81054-1	2	
24	Nut, M8-8-B Hex Lock	F81032-2	2	
	MAGNETIC STRIP ASSY	097774	1	
	Bar with Magnetic Strip	098173-1	1	
25	Magnetic Strip MB320 (1m)	096014-1	1	
26	Bar, Magnetic Strip	098173	1	
27	Bolt, M5 X 12-5.8-Fe/Zn5	F81000-5	2	
28	Washer, M5, Flat zinc	F81052-1	2	
	BRACKET, SENSOR COMPLETE	100620	1	
29	Bracket, Sensor	100599-1	1	
30	Bracket, Sensor	100619-1	1	
31	Bolt, M6x20-8.8 Hex Head Full Thread Zinc	F81001-2	2	
32	Washer, Z6.1 Split Lock Zinc	F81053-3	2	
33	Washer, 6.5 Flat Zinc	F81053-11	2	
34	Bolt, M5 X 12-5.8-Fe/Zn5, PN-M/82105	F81000-5	2	
35	Washer, 5.1 Split Lock Zinc	F81052-2	2	
36	Washer, 5.3 Flat Zinc	F81052-1	2	
	DECAL KIT, METRIC SCALE	K12064	1	
	Decal, Metric	S11711	1	
	Decal, Metric 16-40mm	P12040-1	1	
	Decal, Metric 45-63mm	P12040-2	1	

6.3 Up/Down Chain & Sprockets



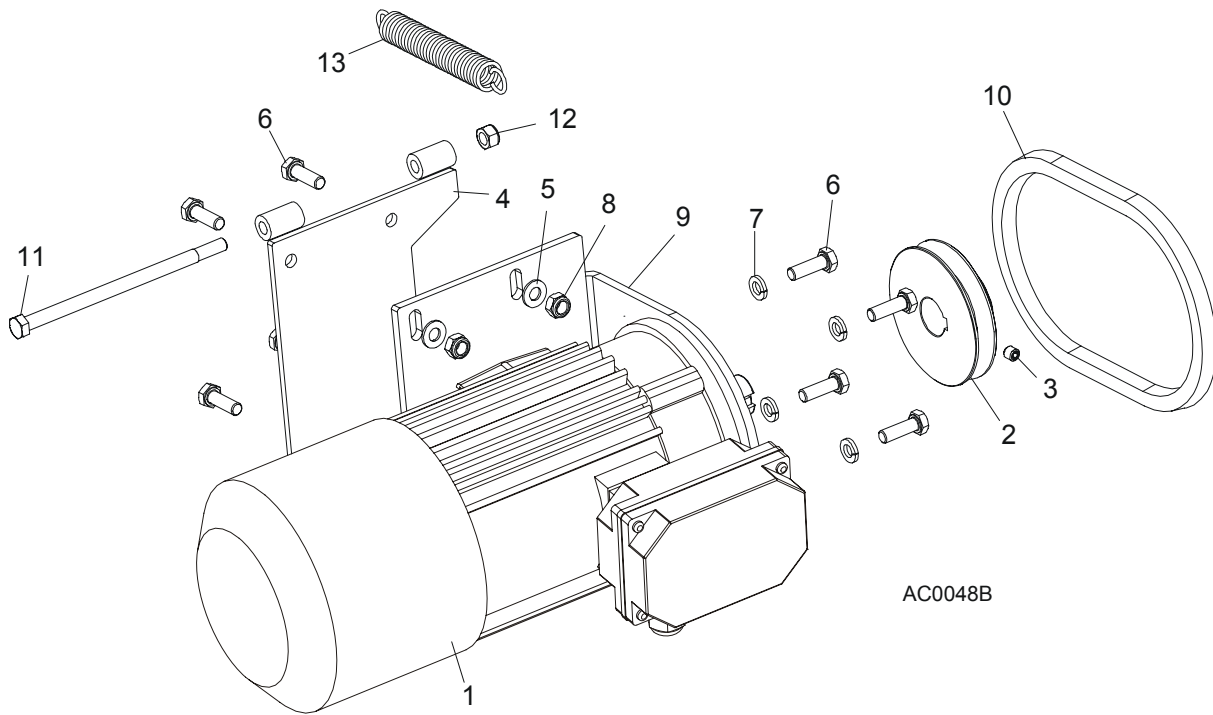
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REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	SPROCKET KIT, UP/DOWN IDLER #50-2	016020	1
1	Sprocket, Up/Down Idler '98	016019	2
2	Washer, Sprocket Spacer	095927-1	4
	Instruction Sheet, Up/Down Idler Retrofit	016020-541	1
3	BOLT, 5/8-11 X 5" HEX HEAD GRADE 2	F05009-6	2
4	NUT, 5/8-11 HEX NYLON LOCK	F05010-34	2
5	CHAIN, #50-2 X 75.625" UP/DOWN	015259	1
6	LINK, #50-2 MASTER	015258	2
	TENSIONER ASSEMBLY, UP/DOWN CHAIN	094283	1

6**Up/Down System***Up/Down Chain & Sprockets*

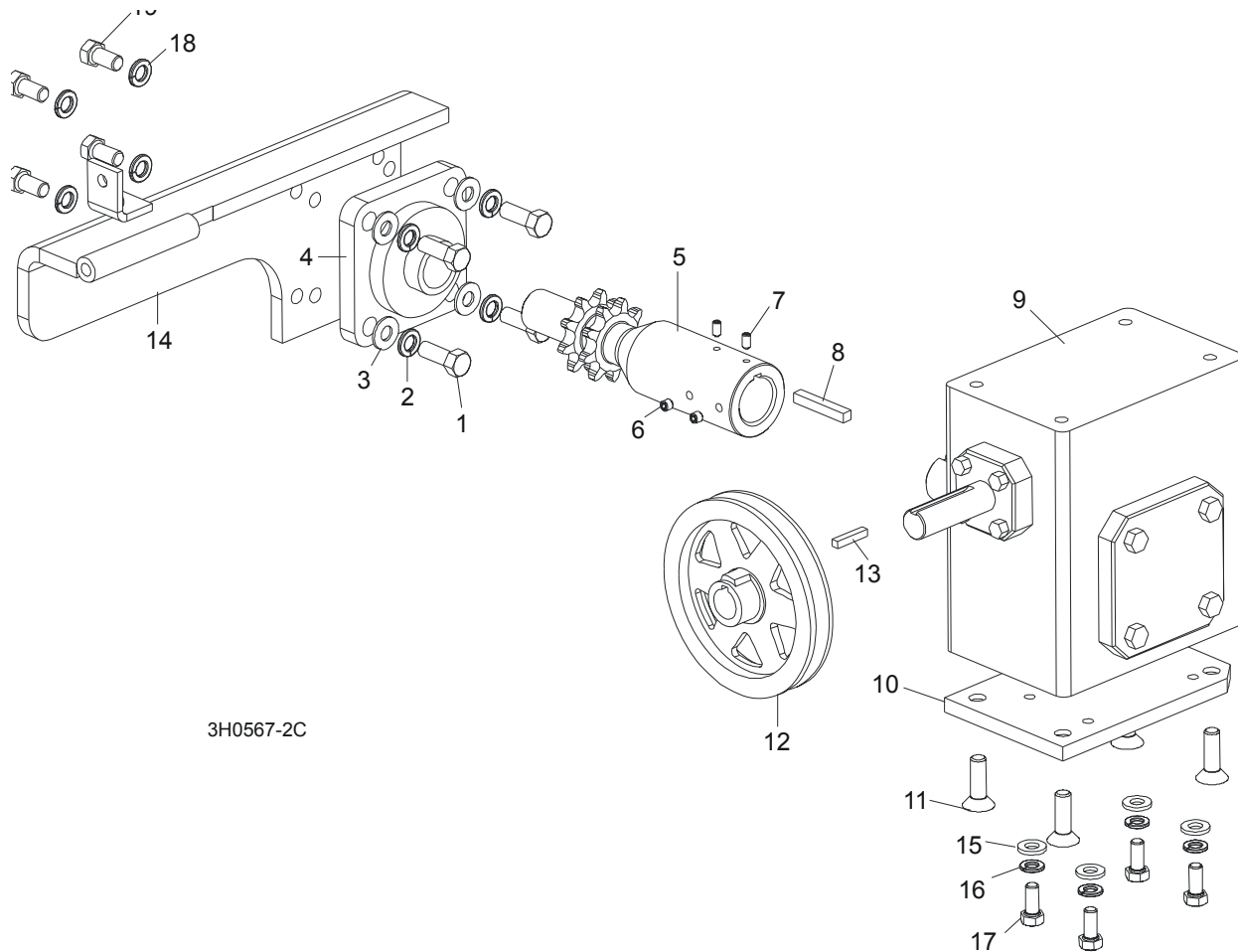
7	Bracket, Up/Down Chain Tensioner	094281-1	1	◆
8	Washer, M12, Flat, Zinc	F81056-1	3	
9	Nut, M12-8-B Hex	F81034-1	1	
10	Spring, 14x30x3.2	090797	1	
11	Nut, M12, Hexagon, Nylon, Zinc, Lock	F81034-2	1	

6.4 Up/Down Motor Assembly, LT40AC Series MH



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	UP/DOWN MOTOR ASSEMBLY, LT40AC	093023	1
1	Motor, SKh90-4S2 HPS 1,1kW, 1380obr./min 400V (w/brake)	098901	1
	BRAKE, HPS 10.84 230VAC LT40	083607	1
2	Pulley, AC Up/Down Motor Painted	086378-1	1
3	Screw, M8 x 8-33H Hex Socket Set Flat Point Zinc	F81014-1	1
4	Bracket Wdmt, Up/Down Motor	095738-1	1
5	Washer, 8.4 Split Lock	F81054-1	4
6	Bolt, M8 x 25 8.8 B Hex Head	F81002-4	8
7	Washer, 8.2 Split Lock	F81054-4	4
8	Nut, M8 8 B Hex	F81032-2	4
9	Bracket, AC Up/Down Motor Mount	086376-1	1
10	BELT, AX23	015257	1
11	BOLT, M8X160-8.8-B ZINC	F81002-22	1
12	NUT, M8-8-B NYLON LOCK HEX ZINC	F81032-2	1
13	SPRING, 3/4x 5x.095 EXTENSION	015569	1

6.5 Up/Down Drive Assembly

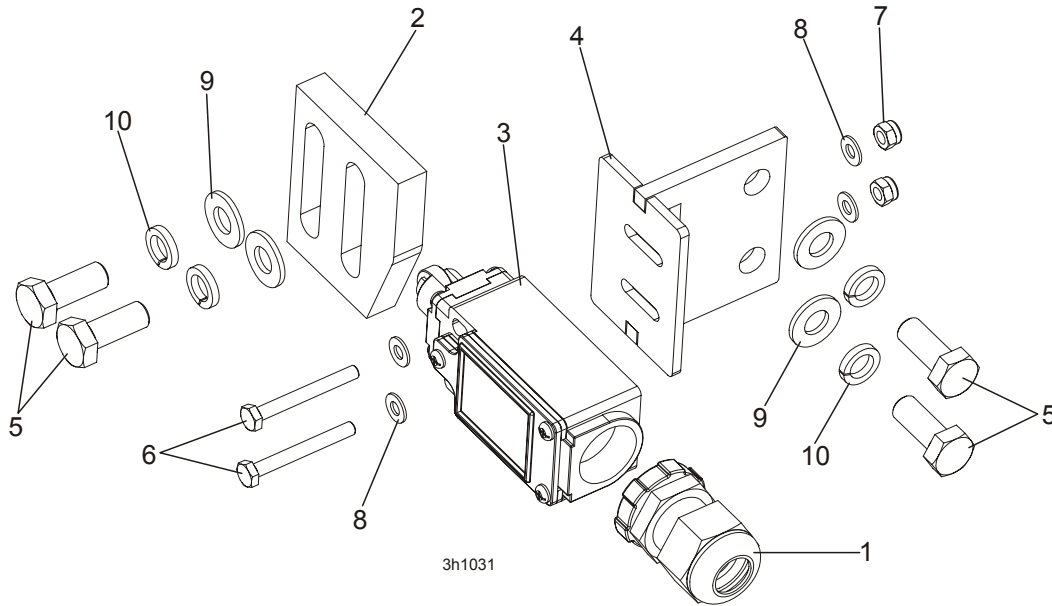


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REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	UP/DOWN DRIVE ASSEMBLY	092817	1
1	Bolt, 3/8-16 x 1" Hex Head	F05007-7	4
2	Washer, 10.2 Split Lock	F81055-2	4
3	Washer, 10.5 Flat	F81055-1	4
4	Bearing, Flanged Up/Down	014090	1
5	Shaft, Up/Down Sprocket	092816-1	1
6	Screw, M8 x 8-33H	F81014-1	2
7	Key, 1/4" Square x 1 11/16" Long	S04124	1
8	Spacer, Up/Down Shaft	016032	1
9	Reducer, Gear Box	014074	1
10	Plate, Gear Box Spacer	095894-1	1
11	Bolt, 3/8-16 x 1" Flat Socket Head	F05007-110	4
12	Pulley, Up/Down	015256	1
13	Key, 3/16" Square x 1" Long	S31027	1
14	Bracket Wdmt, Up/Down Bearing	095893-1	1
15	WASHER, 8.4 FLAT	F81054-1	4
16	WASHER, 8.2 SPLIT LOCK	F81054-4	4
17	BOLT, 5/16-18 X 1" HEX HEAD	F05006-5	4

18	WASHER, 10.2 SPLIT LOCK	F81055-2	4	
19	BOLT, 3/8-16 X 3/4" HEX HEAD	F05007-27	4	
	OIL, 8 OZ. MOBIL SHC634 BOTTLED SYNTHETIC GEAR	L04869-4	1	

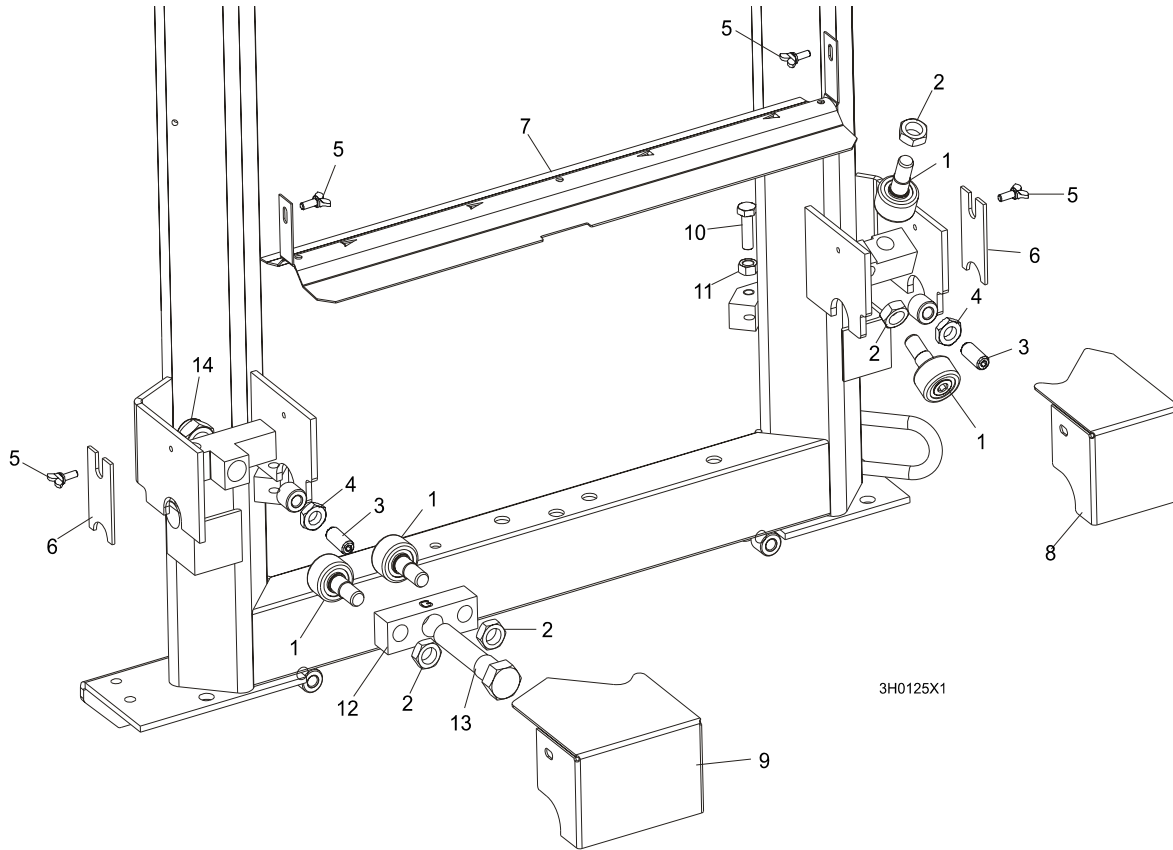
6.6 Safety Switches



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	KIT, LT40 UP/DOWN LOWER SAFETY SWITCH	504038	1	
1	STUFFING-BOX, SKINTOP PG 13,5	086524	1	
2	CAM, LIMIT SWITCH	094229-1	1	
3	SWITCH, GLCB01C LIMIT	100910	1	
4	BRACKET, LT40 LOWER SAFETY SWITCH	504035-1	1	
5	BOLT, M8x20-8.8-B HEX HEAD FULL THREAD	F81002-4	4	
6	BOLT, M4x35-8.8 SOCKET HEAD ZINC	F81011-7	2	
7	NUT, M4-B FE/ZN5 PN-M/82175	F81029-1	2	
8	WASHER, 4.3 FE/ZN5 PN-M/82005	F81051-2	4	
9	WASHER, 8.4 FLAT ZINC	F81054-1	4	
10	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	4	

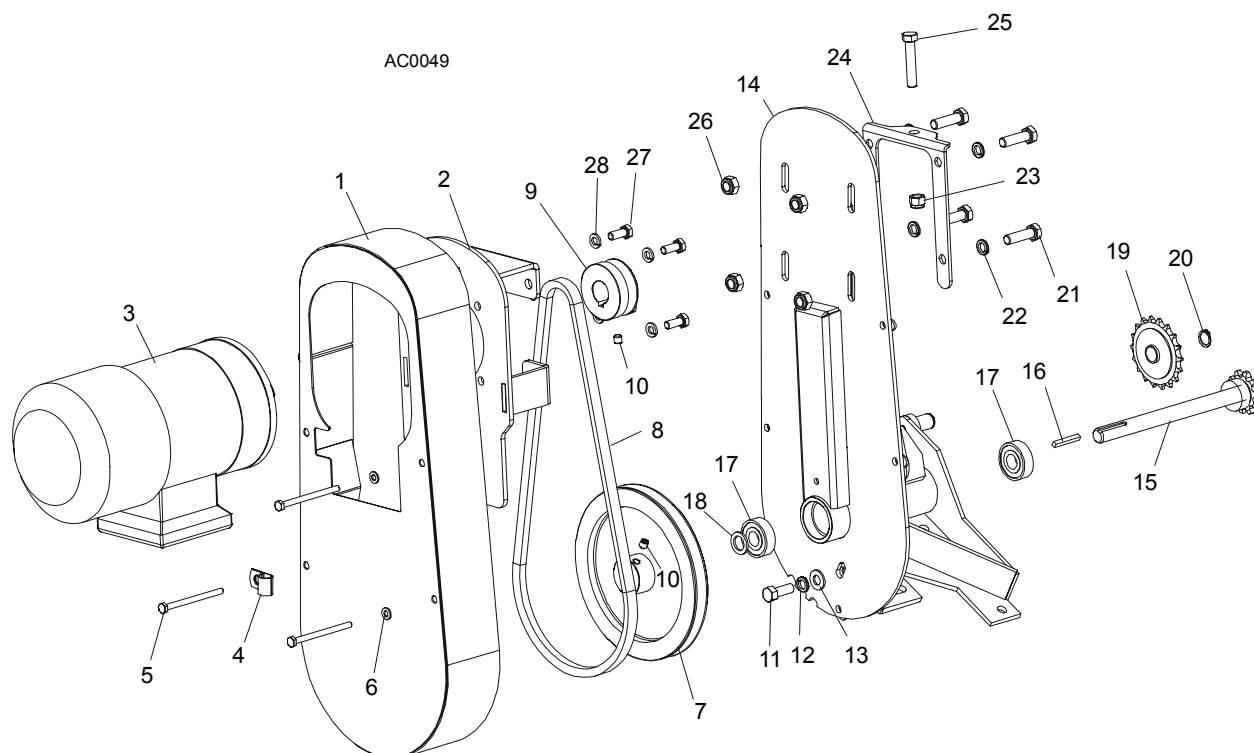
SECTION 7 POWER FEED & TRACK ROLLERS

7.1 Upper Track Rollers And Wipers



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	ROLLER, TRACK CAM BEARING	P12843	4
2	NUT, 5/8-18 HEX JAM	F05010-11	4
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, LT40/70 MIDDLE TRACK - SERVICE	092868-S	1
	Cover, LT40/70 Middle Track Ptd	092868-1	1
	Strip, 3/16 X 2 X 23 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

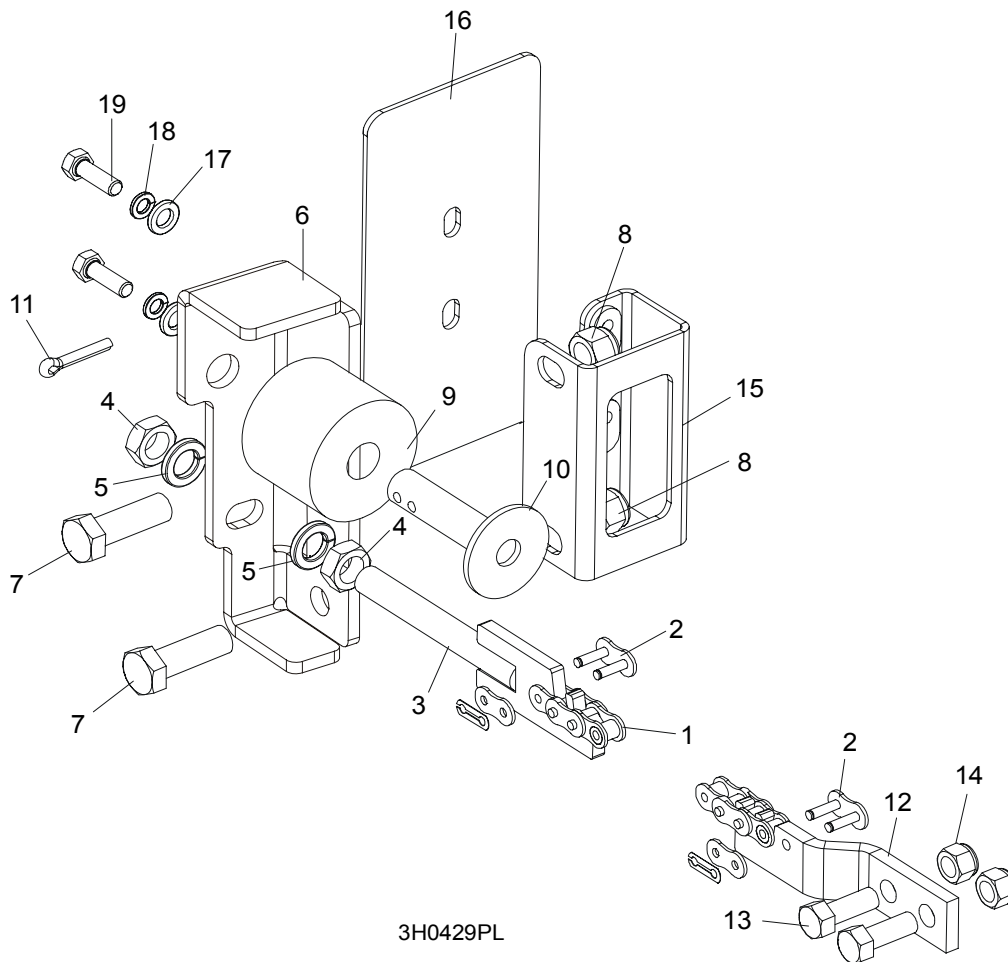
7.2 Power Feed Assembly, LT40AC Series MH



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	POWER FEED ASSEMBLY, AC SUPER	086522	1	
1	Cover Weldment, Top Power Feed	015128	1	
2	Plate, Power Feed Motor	086390	1	
3	Motor, 1100 W Power Feed Painted, AC Super	086530	1	
4	Clamp, 1/2" EMT Coated	P07584	1	
5	Bolt, M6 x 80 5.8 Hex Head Grade	F81001-61	4	
6	Washer, 6.4 Flat	F81053-1	4	
7	Sheave, Power Feed	086410-1	1	
8	Belt, Power Feed	086532	1	
9	Sheave, Feed Motor	086388-1	1	
10	Screw, M8 X 8-33H Hex Socket Set Flat Point Zinc	F81014-1	2	
11	Bolt, 3/8-16 x 1" Hex Head	F05007-7	1	
12	Washer, 3/8" Split Lock	F05011-4	5	
13	Washer, 3/8" Flat	F05011-3	5	
14	Bracket, Power Feed Mount	015162	1	
15	Shaft Weldment, Power Feed	015129	1	
16	Key, 3/16" Square x 1 3/8" Long	016108	1	
17	Bearing, 6203-2RSP6-5/8 CX	095087	2	
18	Washer, 5/8" x 15/16" x .094" Nylon	F05011-19	1	
19	Sprocket, 40 Idler 18T 5/8" ID	P04333	1	
20	Ring, Z15	F81090-2	1	
21	Bolt, M10x35-8.8Hex Head Full Thread Zinc	F81003-17	4	
22	Washer, 10.2 Split Lock Zinc	F81055-2	1	◆
23	Nut, 3/8-16 Hex Nylon Lock	F05010-10	1	

24	Bracket, Power Feed Mount	015162-1	1	
25	Bolt, 3/8-16 x 2" Hex Head Full Thread Zinc	F05007-16	1	
26	Nut, M10-8-B Hex Nylon Zinc Lock	F81033-1	1	
27	Bolt, M8x20-8.8-B Hex Head Full Thread Zinc	F81002-4	4	
28	Washer, 8.2 Split Lock Zinc	F81054-4	4	

7.3 Feed Chain/Stop

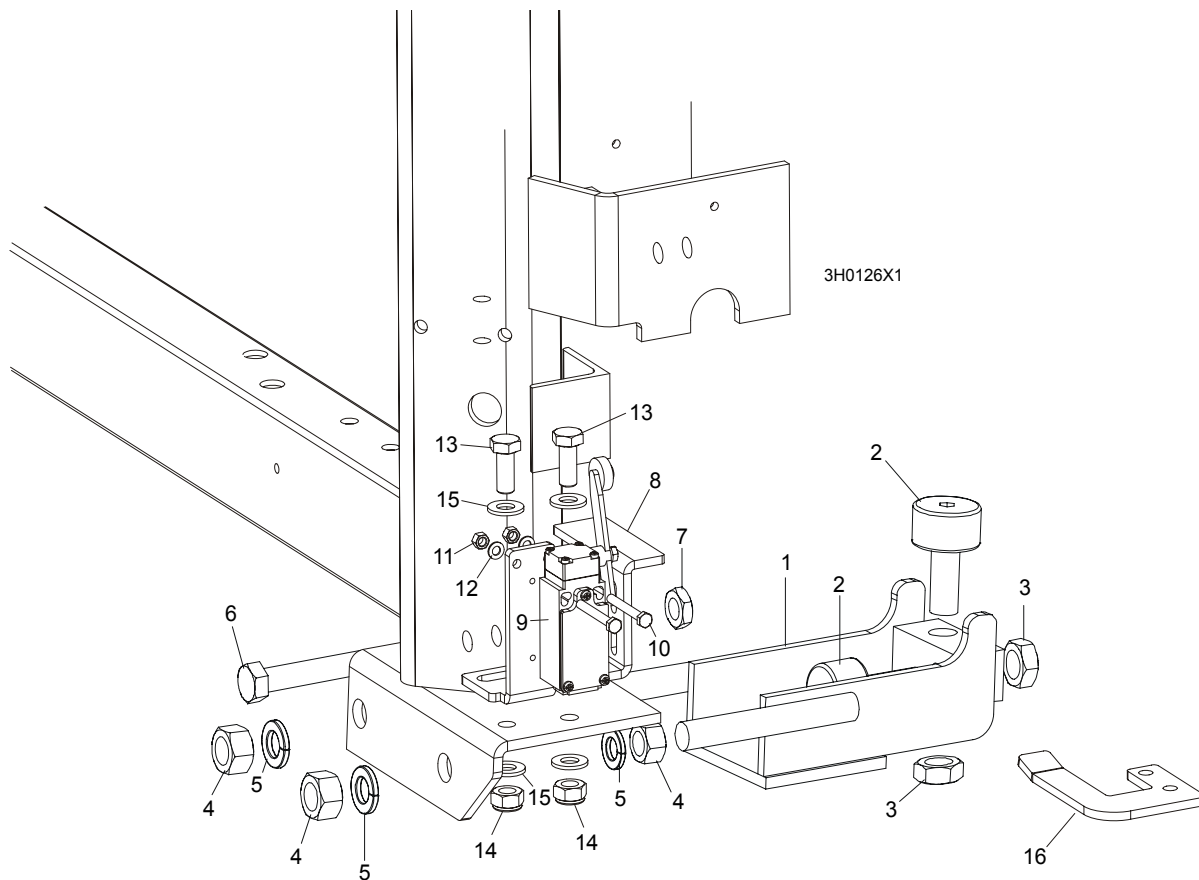


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REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	CHAIN KIT, LT40S FEED	K10408	1
	CHAIN KIT, LT40M FEED	K10410	1
1	Chain, #40 X 215" LT40S Feed	014744	1
	Chain, #40 X 267.5" LT40M Feed	014475	1
2	Link, #40 Master	P04200	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	BRACKET, FEED CHAIN REAR MOUNT	087628-1	1
7	BOLT, M12 X 40 8.8 HEX HEAD GRADE 5	F81004-4	2
8	NUT, M12-8 HEX NYLON LOCK	F81034-2	2
	STOP KIT, RUBBER CARRIAGE	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	BRACKET, FRONT FEED CHAIN MOUNT	095733-1	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, 5/16-18 X 1" HEX HEAD	F05006-1	2	

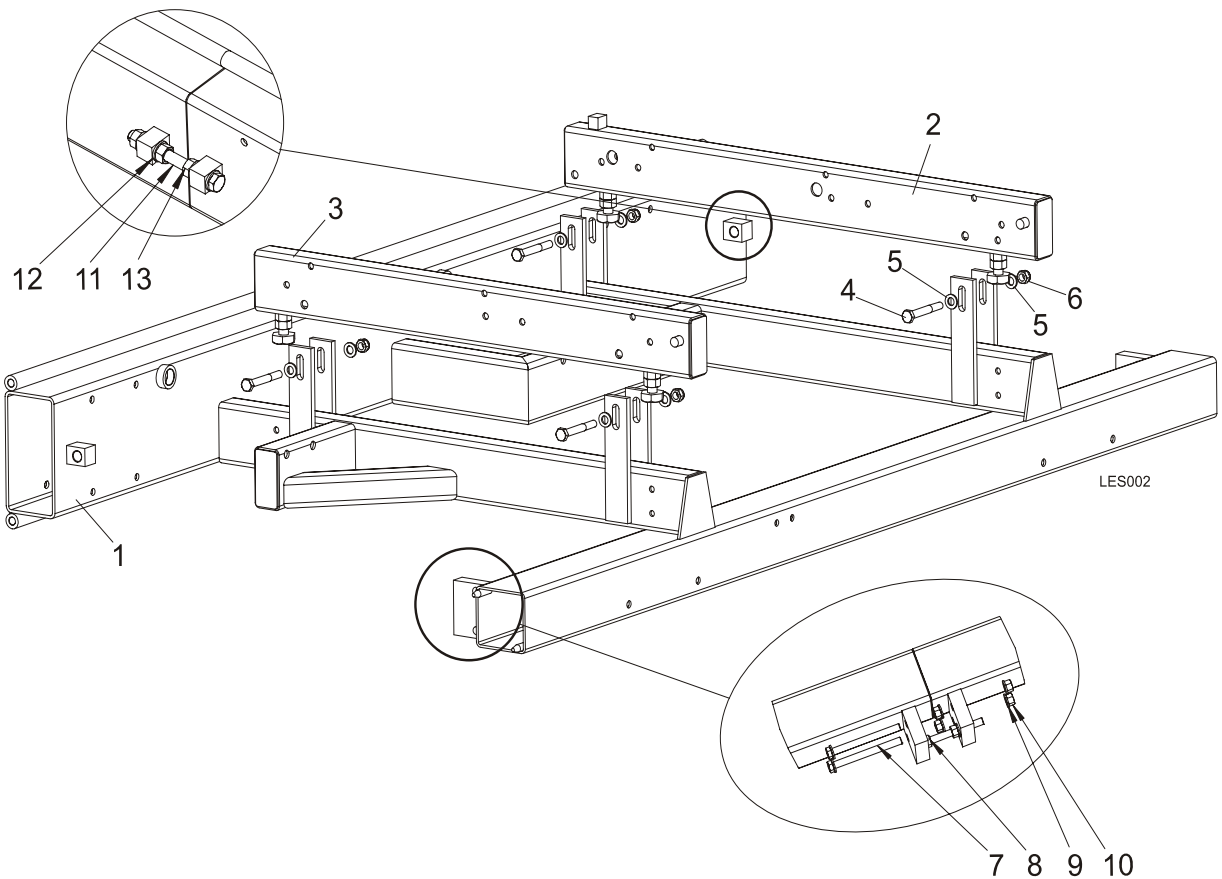
7.4 Lower Track Rollers



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	ROLLER ASSEMBLY, LOWER TRACK	098741	2
1	Bracket, Lower Track Roller Mounting	098740-1	1
2	Roller, Track Cam Bearing (McGill)	012797	2
3	Nut, 5/8-18 Hex Jam	F05010-11	2
4	Nut, M16, Hexagon, Grade 5.8 Plain	F81036-1	4
5	Washer, 16.3 Split Lock	F81058-2	4
6	BOLT, M12 X 55-8.8 HEX HEAD FULL THREAD	F81004-12	2
7	NUT, M12-8-B HEX JAM	F81034-1	2
8	BRACKET, POWER SUPPLY STRIP AND LIMIT SWITCH	086380-1	1
9	SWITCH, GLCB01A2B LIMIT	086469	1
10	BOLT, M5 X 40 8.8 HEX HEAD	F810000-11	2
11	NUT, M5-8	F81030-1	2
12	WASHER, 5.3 FLAT	F81052-1	2
13	BOLT, M10 X 25 8.8	F81003-11	2
14	NUT, M10 NYLON	F81033-1	2
15	WASHER, 10.5 FLAT	F81055-1	2
16	BRACKET, LIMIT SWITCH	091852-1	1

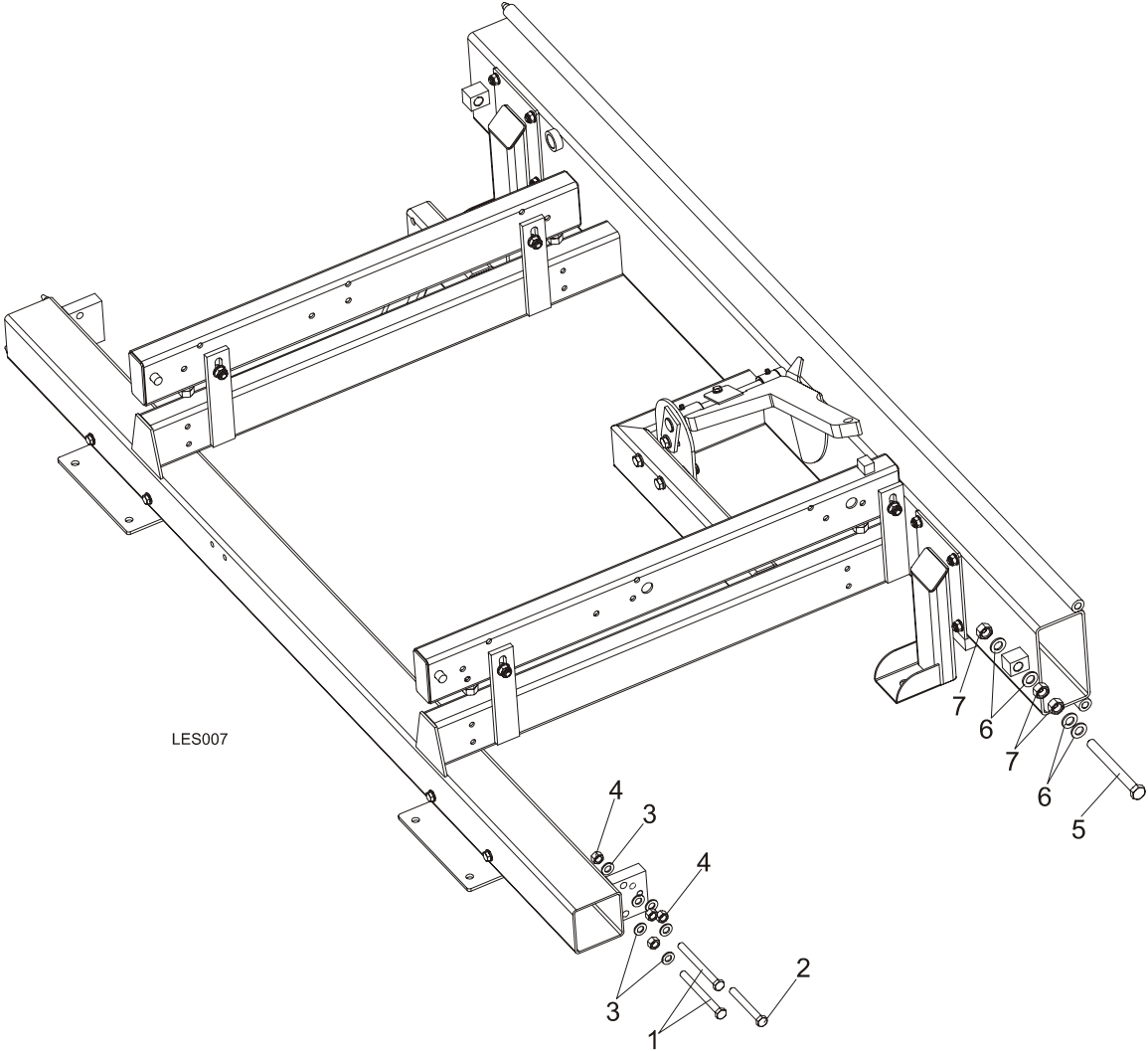
SECTION 8 BED FRAME ASSEMBLY

8.1 Bed Section



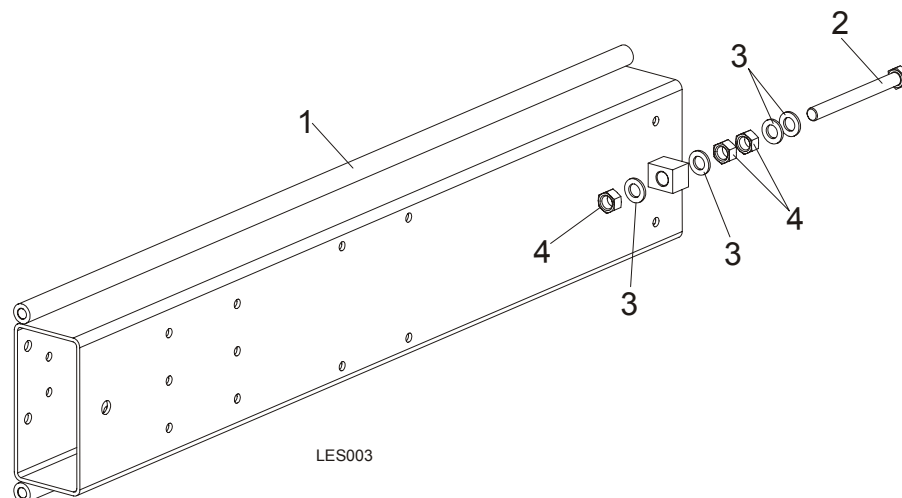
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	BED SECTION, LES COMPLETE	099714	1
1	Bed Rail Assembly, LES	099710-1	1
2	Tube Wldmt, Bed, LT80 Long	089385	1
3	Tube Wldmt, Bed, LT80 Short	089386	1
4	Bolt, M12 x 90-8.8 Hex Head Zinc	F81004-2	4
5	Washer, 13 SAE Flat	F81056-1	8
6	Nut, M12-8 Hex Nylon Zinc Lock	F81034-2	4
7	BOLT, M12X130-8.8 HEX HEAD ZINC	F81004-55	2
8	BOLT, M12X100-8.8 HEX HEAD ZINC	F81004-45	1
9	WASHER, 13 SAE FLAT	F81056-1	7
10	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	5
11	BOLT, M16X160-8.8 HEX HEAD ZINC	F81006-23	1
12	WASHER, 17 FLAT ZINC	F81058-1	4
13	NUT, M16-5.8 HEX ZINC	F81036-1	3

8.2 Bed Section, Additional



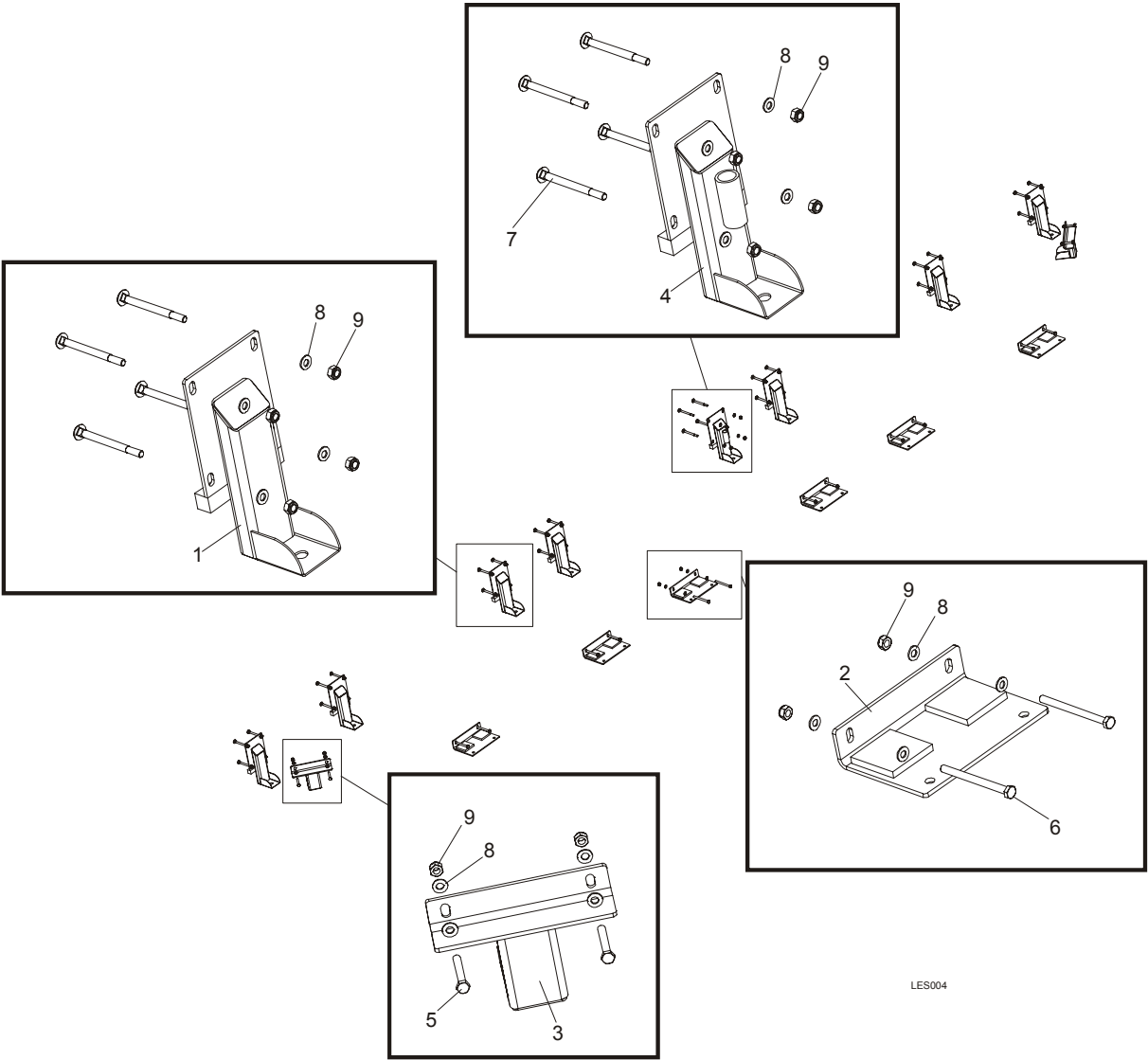
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	BED SECTION, LES ADDITIONAL	101061	1
1	Bolt, M12x130-8.8 Hex Head Zinc	F81004-55	2
2	Bolt, M12x100-8.8 Hex Head Zinc	F81004-45	1
3	Washer, 13 SAE Flat	F81056-1	7
4	Nut, M10-8-B Hex Nylon Zinc Lock	F81033-1	5
5	Bolt, M16x160-8.8 Hex Head Zinc	F81006-23	1
6	Washer, 17 Flat Zinc	F81058-1	4
7	Nut, M16-5.8 Hex Zinc	F81036-1	3

8.3 Bed Extension



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	BED EXTENSION, LES COMPLETE	099729	1	
1	Bed Extension, LES	099728-1	1	
2	Bolt, M16x160-8.8 Hex Head Zinc	F81006-23	1	
3	Washer, 17 Zinc Flat	F81058-1	4	
4	Nut, M16, Hex, Grade 5.8 Plain	F81036-1	3	

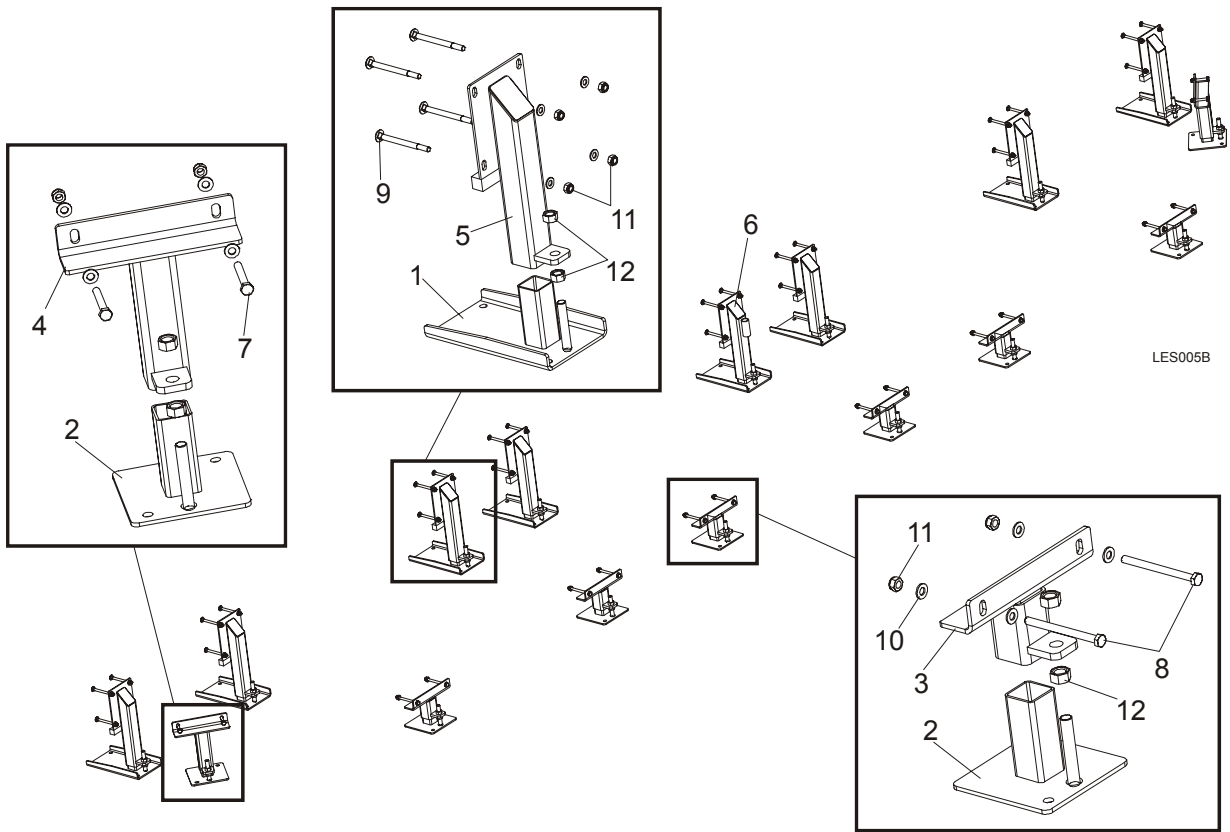
8.4 Stationary Leg Kit



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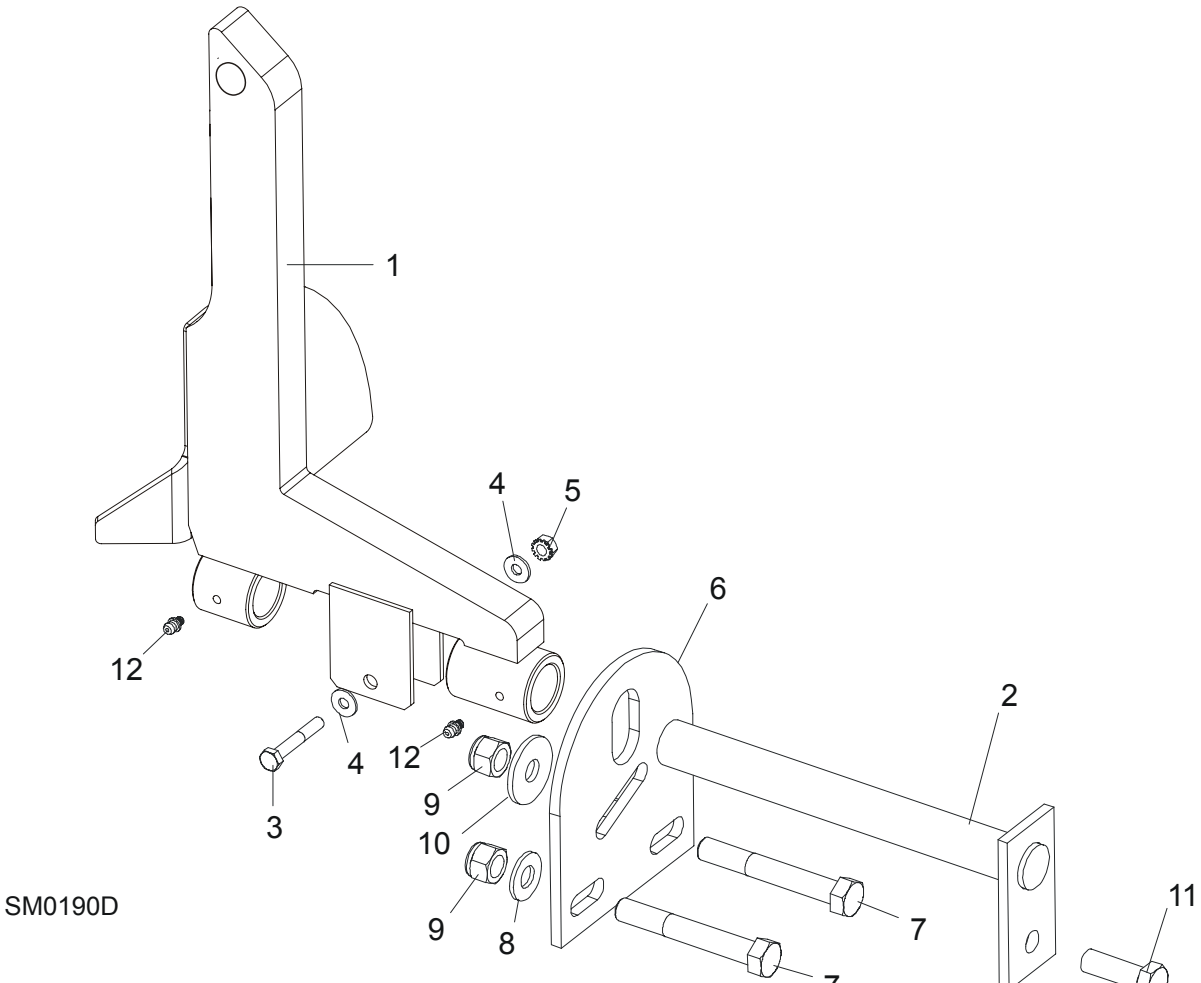
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	KIT, LES STATIONARY LEG (LT20B2)	500802	1
	KIT, LES STATIONARY LEG (LT20B3)	100864	1
1	Leg, LES High	100536-1	5/7
2	Leg, LES Low	100550-1	6
3	Leg, LES Side	100868-1	2
4	Leg, LES High w/Bushing	101186-1	1
5	Bolt, M10X75-8.8-Fe/Zn5 PN-M/82101	F81003-15	4
6	Bolt, M10x125-8.8 Hex Head Zinc	F81003-18	8/12
7	Bolt, M10X120 8.8 Fe/Zn5	F81003-33	24/32
8	Washer, 10.5 Flat Zinc	F81055-1	52/64
9	Nut, M10-8-B Hex Nylon Zinc Lock	F81033-1	36/48

8.5 Outrigger Leg Kit



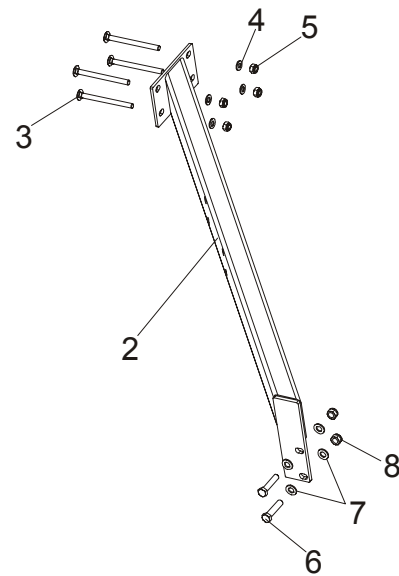
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	KIT, LES OUTRIGGER LEG (LT20B2)	500803	1
	KIT, LES OUTRIGGER LEG (LT20B3)	100865	1
1	Foot, LES Wide	500775-1	6/8
2	Foot, LES Table Leg	099281-1	6/8
3	Leg, LES Low	100553-1	4/6
4	Leg, LES Side	100554-1	2
5	Leg, LES High	100559-1	5/7
6	Leg, LES High w/Bushing	101187-1	1
7	Bolt, M10X75-8.8-Fe/Zn5 PN-M/82101	F81003-15	4
8	Bolt, M10x125-8.8 Hex Head Zinc	F81003-18	8/12
9	Bolt, M10X120 8.8 Fe/Zn5	F81003-33	24/32
10	Washer, 10.5 Flat Zinc	F81055-1	48/64
11	Nut, M10-8-B Hex Nylon Zinc Lock	F81033-1	40/48
12	Nut, M16, Hex, Grade 5.8 Plain	F81036-1	32

8.6 Log Side Support Assembly

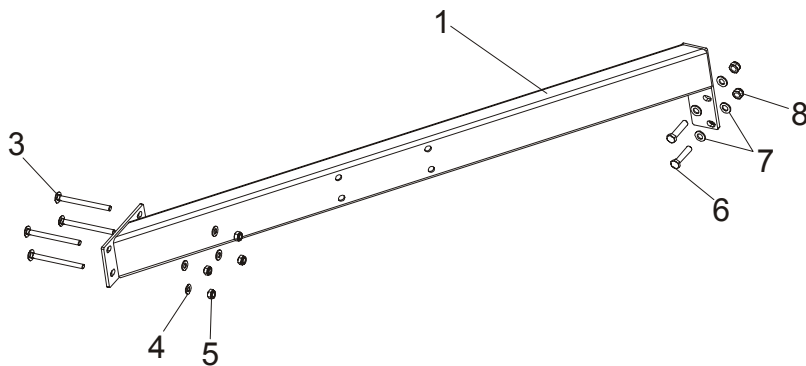


REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	LOG SIDE SUPPORT - LT20B	500960	1
1	SUPPORT, LOG SIDE W/GUARD	099785-1	1
2	Pin, Log Side Support Pivot	091549-1	1
3	Bolt, M8x45 - 8.8 Hex Head Grade 5	F81002-14	1
4	Washer, 8.4 Flat	F81054-1	2
5	Nut, M8-8-B Self Locking	F81032-2	1
6	Plate, Log Side Support End	091591-1	1
7	Bolt, M12 x 75-8.8 Hex Head	F81004-21	2
8	Washer, 13 Flat	F81056-1	2
9	Nut, M12-8 Hex Nylon Lock	F81034-2	3
10	Washer, 15 Flat Special Zinc-Plated	F81057-3	1
11	Bolt, M12 x 35-8.8 Hex Head	F81004-24	1
12	FITTING, 3/16" GREASE	P04107	2

8.7 Tubes, Front & Rear

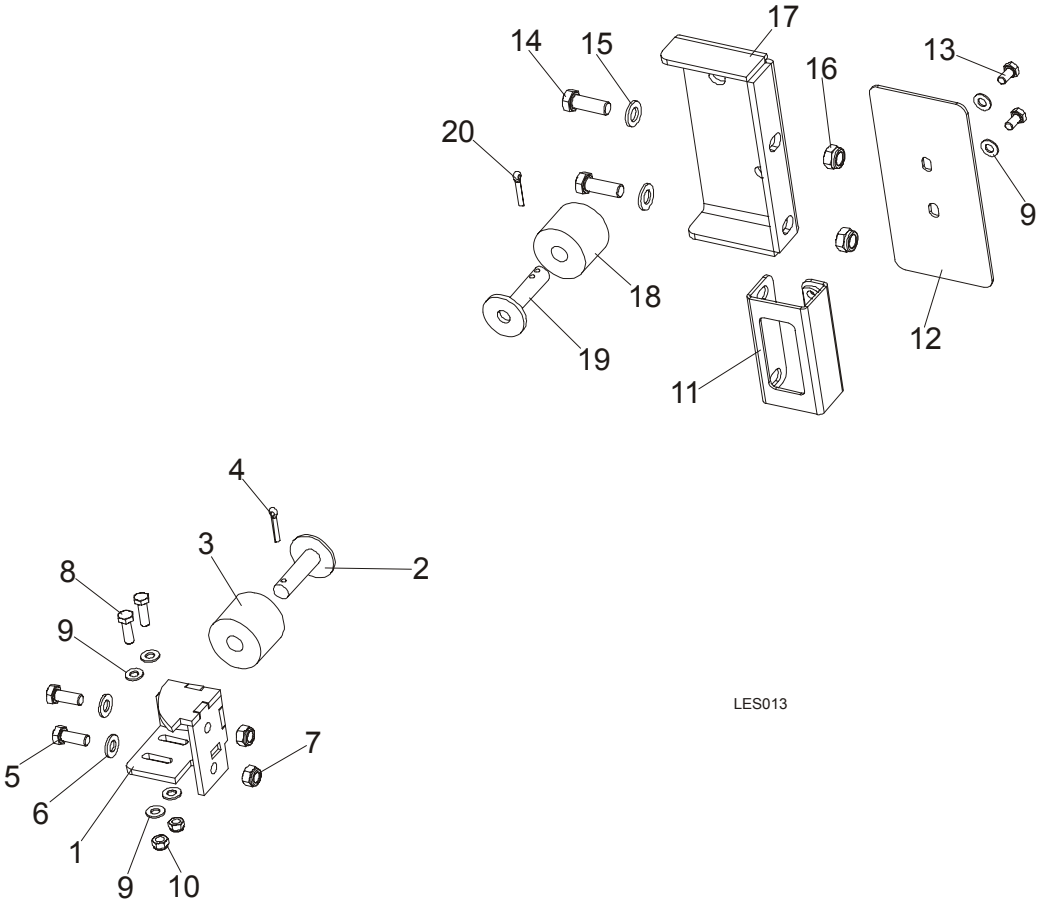


LES012



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	TUBE, LES BED FRONT	100551-1	1
2	TUBE, LES BED REAR	100545-1	1
3	BOLT, M10X125 CARRIAGE	F81003-34	8
4	WASHER, 10.5 ZINC FLAT	F81055-1	8
5	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	8
6	BOLT, M12X55-8.8 HEX HEAD ZINC	F81004-12	4
7	WASHER, 13 SAE FLAT	F81056-1	8
8	NUT, M12-8 HEX NYLON ZINC LOCK	F81034-2	4

8.8 Bumpers



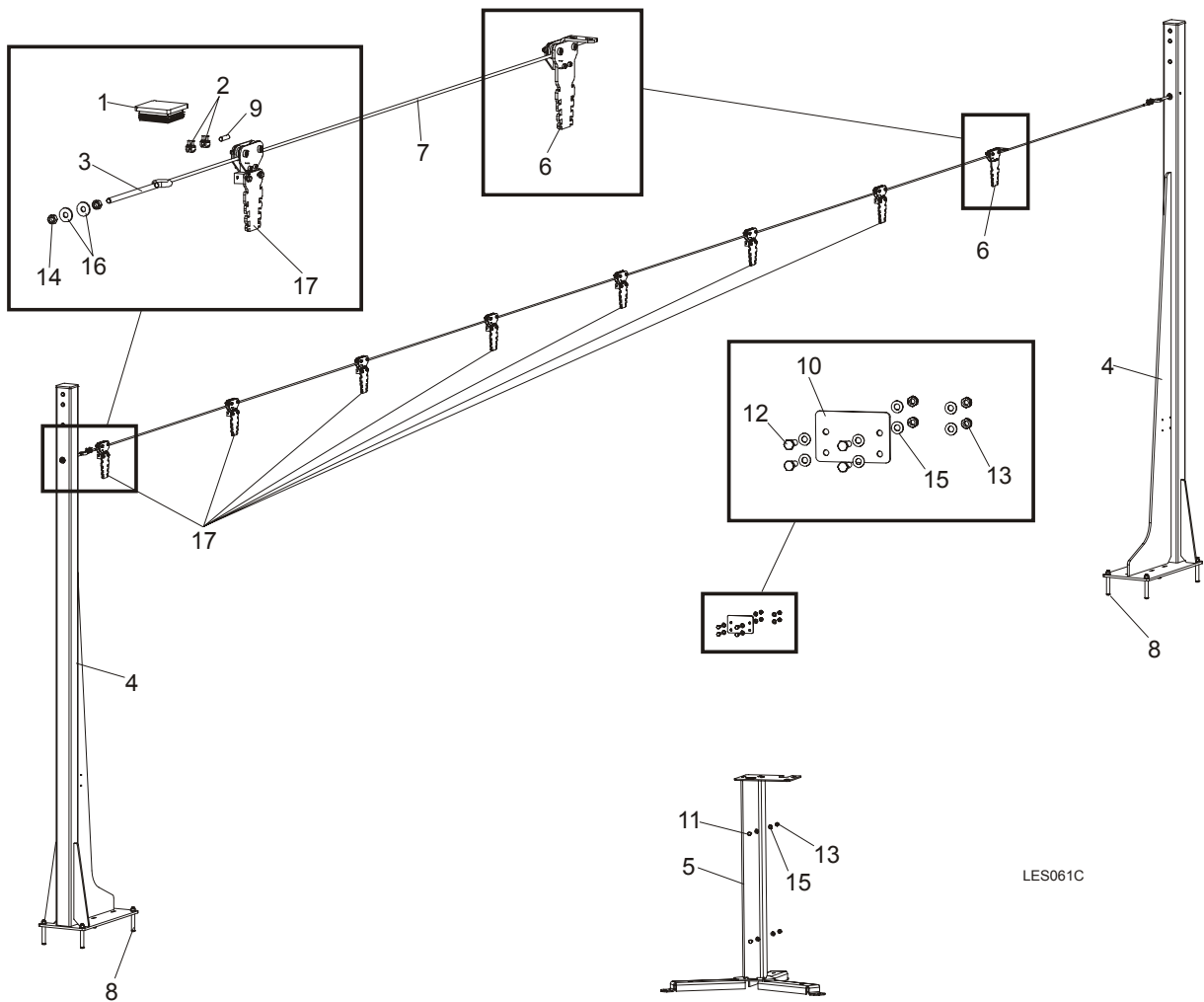
LES013

REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
1	MOUNT WELDMENT, FRONT CARRIAGE STOP	089712-1	1
2	MOUNT WELDMENT, CARRIAGE STOP PTD	086182-1	1
3	BUSHING, 11/16x2 1/8x1 3/4 RUBBER	P12165	1
4	PIN, 3/16 X 1 COTTER	F05012-21	1
5	BOLT, M10X25-8.8-FE/ZN5	F81003-11	2
6	WASHER, 10.5 ZINC FLAT	F81055-1	2
7	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	2
8	BOLT, M8x25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	2
9	WASHER, 8.4 FLAT ZINC	F81054-1	2
10	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	2
11	BRACKET WELDMENT, REAR MAIN TUBE COVER PT	087105-1	1
12	COVER, MAIN TUBE REAR	015023	1
13	BOLT, M8x16-8.8-B HEX HEAD FULL THREAD ZINC	F81002-20	2
14	BOLT, M12 X 35-8.8-FE/ZN5 HEX HEAD FULL	F81004-24	2
15	WASHER, 13 SAE FLAT	F81056-1	2
16	NUT, M12-8 HEX NYLON ZINC LOCK	F81034-2	2

8**Bed Frame Assembly***Bumpers*

	BUMPER, REAR COMPLETE	091828	1	
17	BRACKET, BUMPER REAR	091829-1	1	
18	BUSHING, 11/16X2 1/8X1 3/4 RUBBER	P12165	1	
19	STOP, (PTD) CARRIAGE	W09293	1	
20	PIN, 3/16 X 1 COTTER	F05012-21	1	

8.9 Remote Equipment Option



LES061C

REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	EQUIPMENT, LT20B REMOTE COMPLETE	501649	1
1	CAP, EDGER FRAME	089644	2
2	CLAMP, LT20 STRING	091614	4
3	TENSIONER, ZINC-PLATED	500846-1	2
4	COLUMN, LT20B LINE GUIDE	503600-1	2
5	STAND, LT20B CONTROL BOX	501651-1	1
6	PULLEY, STATIONARY	504264	1
7	CABLE, 6MM (11,5 M) STEEL	504279	1
8	PIN, LT 16X120	501877	8
9	POINTER, 6MM STEEL CABLE	504280-1	2
10	CAP, LT20B REMOTE CONTROL BOX	501879-1	1
11	BOLT, M8X20-5.8 HEX HEAD FULL THREAD ZINC	F81002-1	2
12	BOLT, M8x25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	4

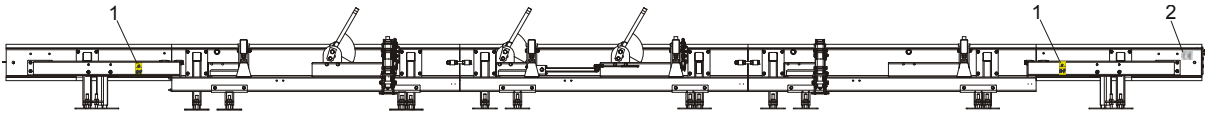
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Bed Frame Assembly

Bed Frame Decals

13	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	6	
14	NUT, M10-8-B-FE	F81033-3	4	
15	WASHER, 8.4 FLAT ZINC	F81054-1	12	
16	WASHER, 10.5 ZINC FLAT SPECIAL	F81055-6	4	
17	PULLEY	504114	7	

8.10 Bed Frame Decals

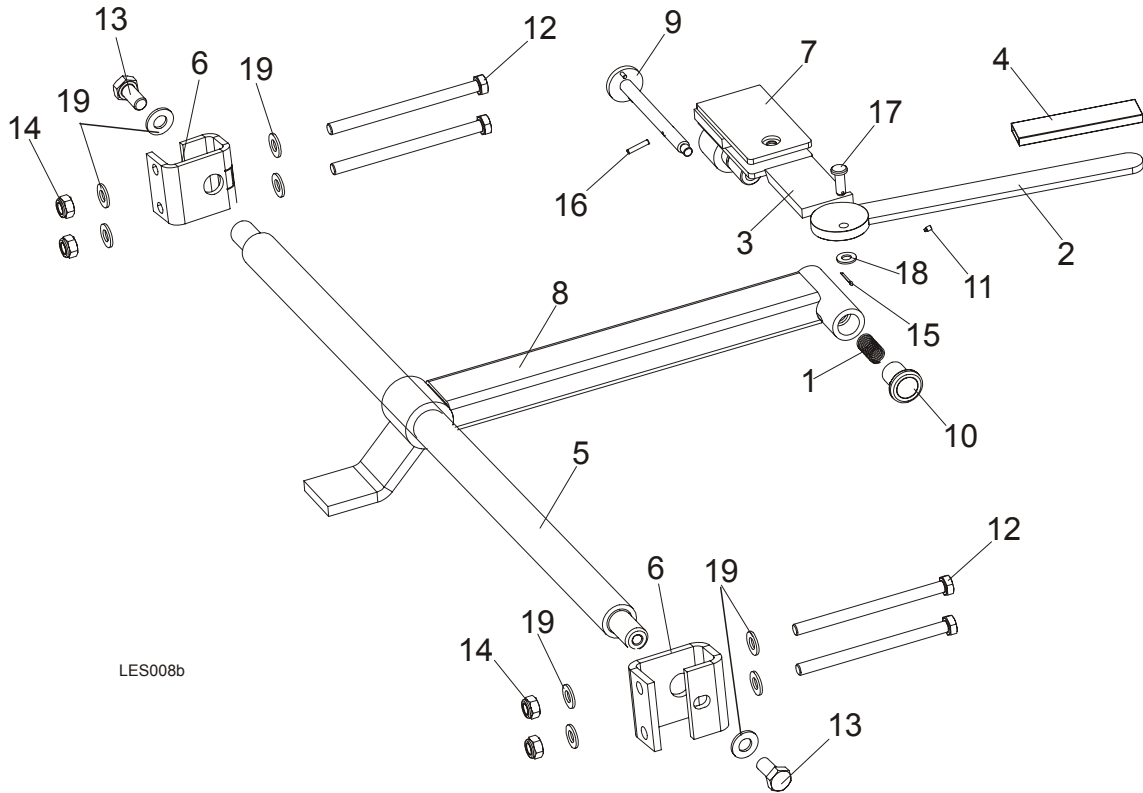


LES014

REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	PICTOGRAPHIC DECAL KIT, LES	101215	1	
	PICTOGRAPHIC DECAL KIT, LT20AC See Section 4.5	099509	1	
1	DECAL, KEEP AWAY DANGER, PICTOGRAM	099221	2	
2	DECAL, CE CERTIFIED SAWMILL SMALL	P85070	1	

SECTION 9 LOG CLAMP, LOADING RAMP & TOE BOARD

9.1 Log Clamp



LES008b

REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	LES LOG CLAMP	100650	1
1	Spring, .58 ODx1 1/8	021243	1
2	Lever, Log Clamp Zinc-plated	086828-1	1
3	Bracket, Log Clamp Zinc-plated	086831-1	1
4	Cover, LT15 Grip Log Clamp	086875	1
5	Rod, Clamp Main	100643	1
6	Block, Clamp Mounting	100644	2
7	Bracket, LES Cam	100646-1	1
8	Arm, LES Clamp	100721-1	1
9	Pin, Clamp Adjustable	101044-1	1
10	Pin, Blocking	101194	1
11	Screw, M4x6 ISO4028	101195	1
12	Bolt, M10x140-8.8 Hex Head Zinc	F81003-50	4
13	Nut, M10X20-5.8 FE/ZN5 PN-85/M-82105	F81003-1	2
14	Nut, M10-8-B Hex Nylon Zinc Lock	F81033-1	4
15	Pin, 1234-2x16 Cotter	F81041-2	1
16	Pin, 5x26 Roll	F81044-2	1

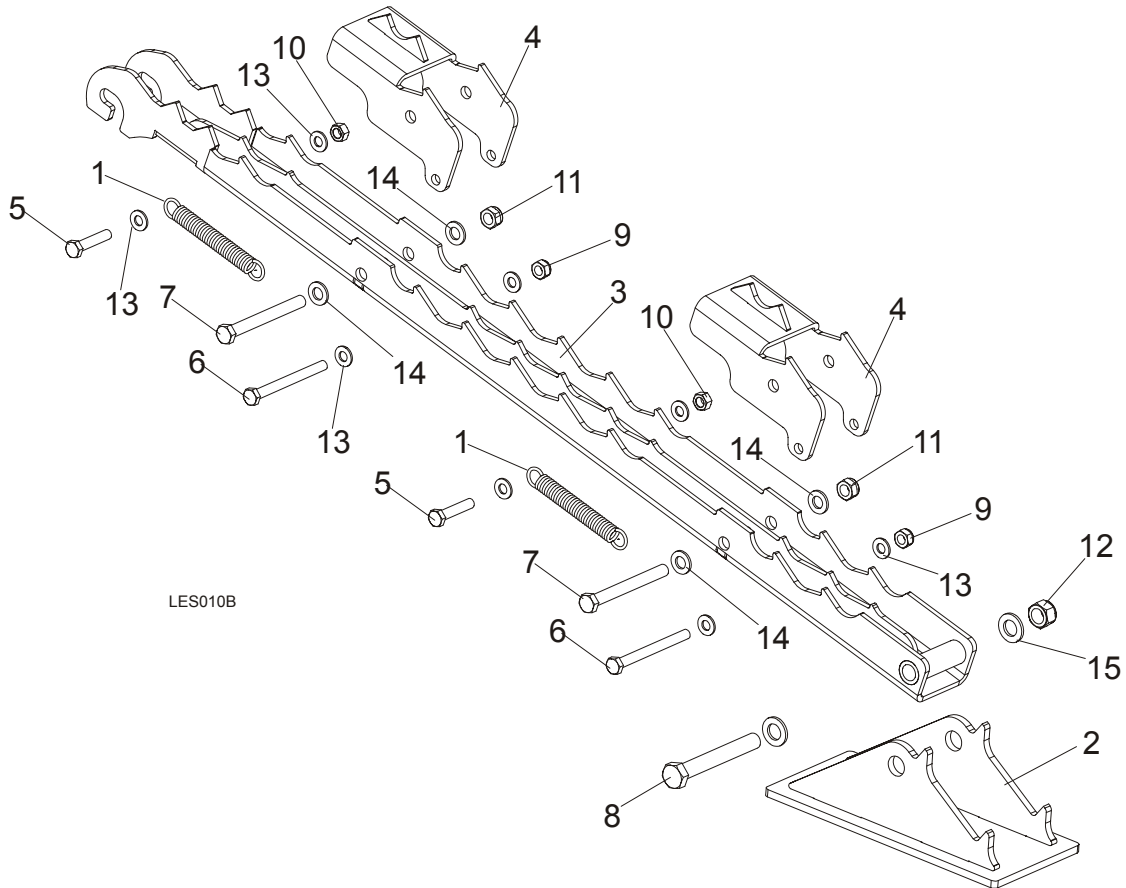


Log Clamp, Loading Ramp & Toe Board

Log Clamp

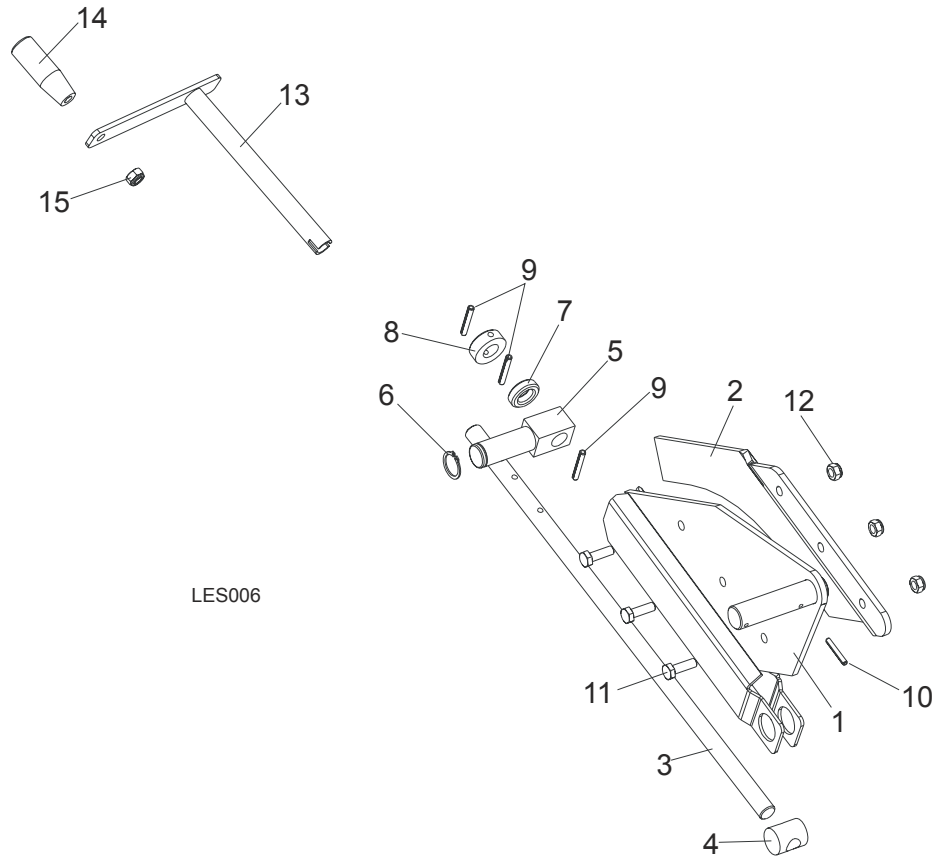
17	Pin, B-8x24x2x20.5 Roll	F81046-3	1	
18	Washer, 8.4 Zinc Flat	F81054-1	1	
19	Washer, 10.5 Zinc Flat	F81055-1	10	

9.2 Loading Ramp



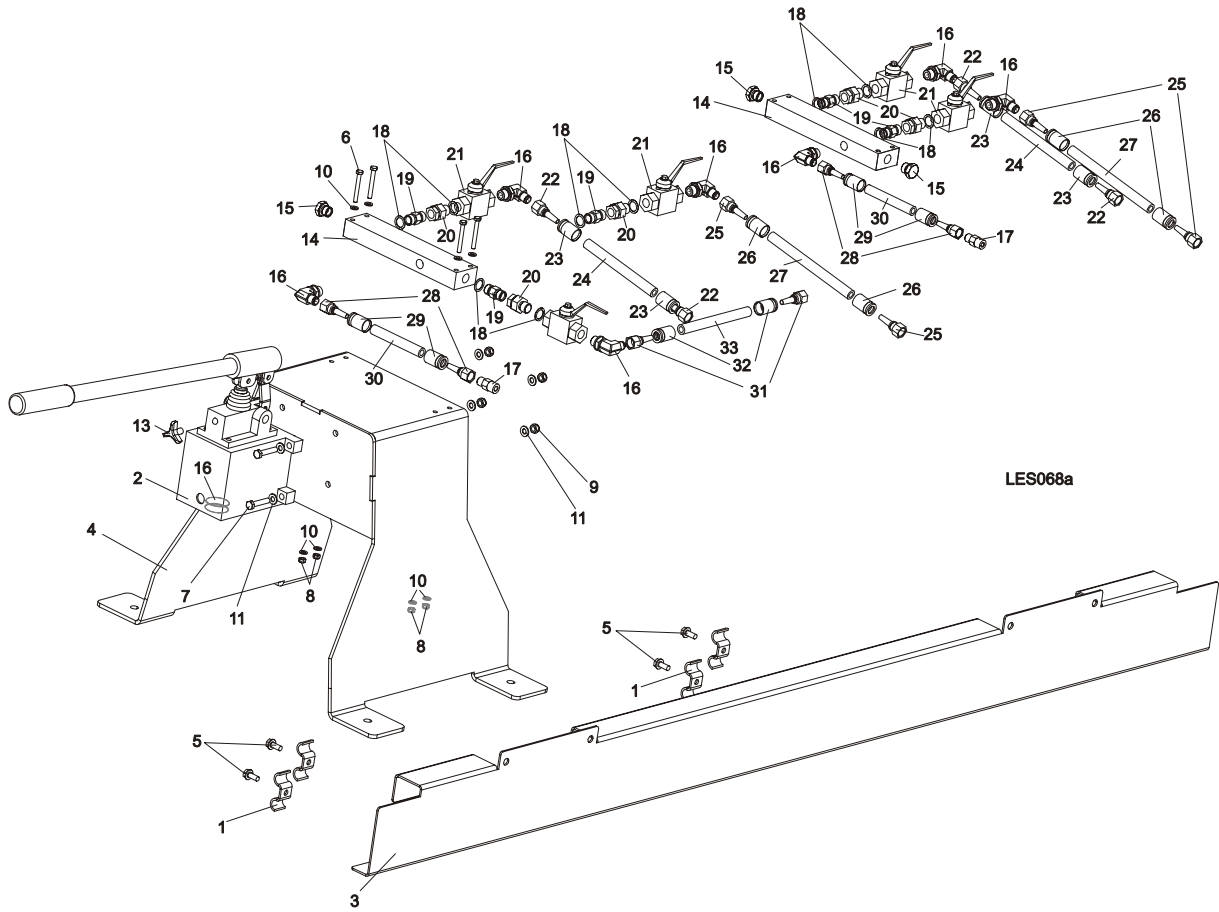
REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	LOADING RAMP, LES	500795	1
1	Spring, $\phi 1.9 \times \phi 14.2 \times 104$	091865	2
2	Foot, LES Loading Ramp	500788-1	1
3	Loading Ramp, LES	500790-1	1
4	Plate, LES Log w/Teeth	500799-1	2
5	Bolt, M10X50mm, Hex Head Full Thrd Zinc	F81003-4	2
6	Bolt, M10x110 8.8 Hex Head Zinc	F81003-43	2
7	Bolt, M12X115-8.8-FE/ZN5 PN-M/82101	F81004-33	2
8	Bolt, ISO 24014 M16 X 120 .8.8 A2E	F81006-25	1
9	Nut, M10-8-B Hex Nylon Zinc Lock	F81033-1	2
10	Nut, M10-8-B-Fe	F81033-3	2
11	Nut, M12-8 Hex Nylon Zinc Lock	F81034-2	2
12	Nut, M16 Hex Nylon Zinc Lock	F81036-2	1
13	Washer, 10.5 Zinc Flat	F81055-1	8
14	Washer, 13 Flat Zinc	F81056-1	4
15	Washer, 17 Flat Zinc	F81058-1	2

9.3 Manual Toe Board



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	TOE BOARD KIT, MANUAL REAR	094928	2
1	Plate Weldment, Manual Toe Board Rear	094926-1	1
2	Extension, Manual Toe Board Plate (II)	095202-1	1
3	Shaft, Manual Toe Board	090344-1	2
4	Nut, Special Threaded	090017	2
5	Pivot, Manual Toe Board Shaft (I)	094931-1	2
6	Ring, Z 22 Outside Retaining	F81090-24	2
7	Bearing, 5/8" Thrust	P04214	2
8	Collar, 16	F81039-6	2
9	Pin, 5x35-N-C PN-EN ISO 8752 Roll	F81044-9	6
10	Pin, 4x30 Zinc Roll	F81044-7	2
11	Bolt, M8 x 25-8.8-B Hex Head Full Thread Zinc	F81002-5	6
12	Nut, M8-8-B Hex Nylon Zinc Lock	F81032-2	6
	CRANK ASSEMBLY, MANUAL TOE BOARD	500600	1
13	Crank, Manual Toe Board	500599-1	1
14	Knob, Plastic Crank Handle	086338	1
15	Nut, M10-8-B Nylon Hex Zinc Lock	F81033-1	1

9.4 H1/H2/H3 Control Assemblies - Options



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	H1 CONTROL ASSEMBLY-LES	504360	1
1	CLAMP, 3/8" HOSE	016041	8
2	PUMP, PMS12/TNK1 HAND W/RELIEF VALVE	505630	1
3	CHANNEL, HYDRAULIC HOSE GUIDE	502419-1	3
4	BRACKET, PUMP & VALVE MOUNT	502543-1	1
5	SCREW, 5/16-18 x 3/4 SELF-TAPPING	F05015-30	8
6	BOLT, M6x50-8.8 HEX HEAD ZINC	F81001-62	4
7	BOLT, M8x40-8.8 HEX HEAD FULL THREAD ZINC	F81002-15	4
8	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	4
9	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	4
10	WASHER, 6.4 FLAT ZINC	F81053-1	8
11	WASHER, 8.4 FLAT ZINC	F81054-1	8
12	MAGNET, MW.38x12/N38 NEODYMIUM	500022	1
13	VALVE, LES HAND PUMP RELIEF - COMPLETE	083712	1
14	BLOCK, 4-WAY HYDRAULIC VALVE	502540-1	1
15	CAP, 3/8 BSPP (G3/8)	502544	2
	VALVE, H1 LES HYDRAULIC	504361	1



Log Clamp, Loading Ramp & Toe Board

H1/H2/H3 Control Assemblies - Options

16	FITTING, 3/8" BSP-9/16" JIC ELBOW	096335	3	
17	FITTING, G3/8-9/16-18JIC HAND PUMP	091842	1	
18	WASHING, 16x22 SEALING COPPER	502420	4	
19	FITTING, 3/8 BSP GZ STRAIGHT	503617	2	
20	FITTING, 3/8" BSP-GZ/GW 600 106 06 REDUCER	503616	2	
21	VALVE, 3/8 " G BALL	502056	2	
	PHD 2T3/8X4.200 W9/16UNF-W9/16UNF	502413	1	
22	FITTING, JIC 9/16-18	085900	2	
23	CRIMP SOCKET, 3/8" HYDRAULIC HOSE	085901	2	
24	HOSE, 3/8" (C/S-20MPa)P/N8106-6-06 HYDRAULIC	R02132	(4.2m)	
	PHD 2T3/8X4.200 W9/16UNF-W9/16UNF	502414	1	
25	FITTING, JIC 9/16-18	085900	2	
26	CRIMP SOCKET, 3/8" HYDRAULIC HOSE	085901	2	
27	HOSE, 3/8" (C/S-20MPa)P/N8106-6-06 HYDRAULIC	R02132	(7.2m)	
	PHD 2T3/8X4.200 W9/16UNF-W9/16UNF	502416	1	
28	FITTING, JIC 9/16-18	085900	2	
29	CRIMP SOCKET, 3/8" HYDRAULIC HOSE	085901	2	
30	HOSE, 3/8" (C/S-20MPa)P/N8106-6-06 HYDRAULIC	R02132	(0.58m)	
	H2/H3-LES CONTROL ASSEMBLY	502055	1	
1	CLAMP, 3/8" HOSE	016041	8	
2	PUMP, PMS12/TNK1 HAND W/RELIEF VALVE	505630	1	
3	CHANNEL, HYDRAULIC HOSE GUIDE	502419-1	3	
4	BRACKET, PUMP & VALVE MOUNT	502543-1	1	
5	SCREW, 5/16-18 x 3/4 SELF-TAPPING	F05015-30	8	
6	BOLT, M6x50-8.8 HEX HEAD ZINC	F81001-62	4	
7	BOLT, M8x40-8.8 HEX HEAD FULL THREAD ZINC	F81002-15	4	
8	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	4	
9	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	4	
10	WASHER, 6.4 FLAT ZINC	F81053-1	8	
11	WASHER, 8.4 FLAT ZINC	F81054-1	8	
12	MAGNET, MW.38x12/N38 NEODYMIUM	500022	1	
13	VALVE, LES HAND PUMP RELIEF - COMPLETE	083712	1	
14	BLOCK, 4-WAY HYDRAULIC VALVE	502540-1	1	
15	CAP, 3/8 BSPP (G3/8)	502544	1	
	VALVE, H2/3-LES HYDRAULIC	502040	1	
16	FITTING, 3/8" BSP-9/16" JIC ELBOW	096335	4	
17	FITTING, G3/8-9/16-18JIC HAND PUMP	091842	1	
18	WASHER, 16x22 SEALING COPPER	502420	6	
19	FITTING, 3/8 BSP GZ STRAIGHT	503617	3	
20	FITTING, 3/8" BSP-GZ/GW 600 106 06 REDUCER	503616	3	
21	VALVE, 3/8 " G BALL	502056	3	
	PHD 2T3/8X4.200 W9/16UNF-W9/16UNF	502413	1	
22	FITTING, JIC 9/16-18	085900	2	
23	CRIMP SOCKET, 3/8" HYDRAULIC HOSE	085901	2	
24	HOSE, 3/8" (C/S-20MPa)P/N8106-6-06 HYDRAULIC	R02132	(4.2m)	
	PHD 2T3/8X4.200 W9/16UNF-W9/16UNF	502414	1	

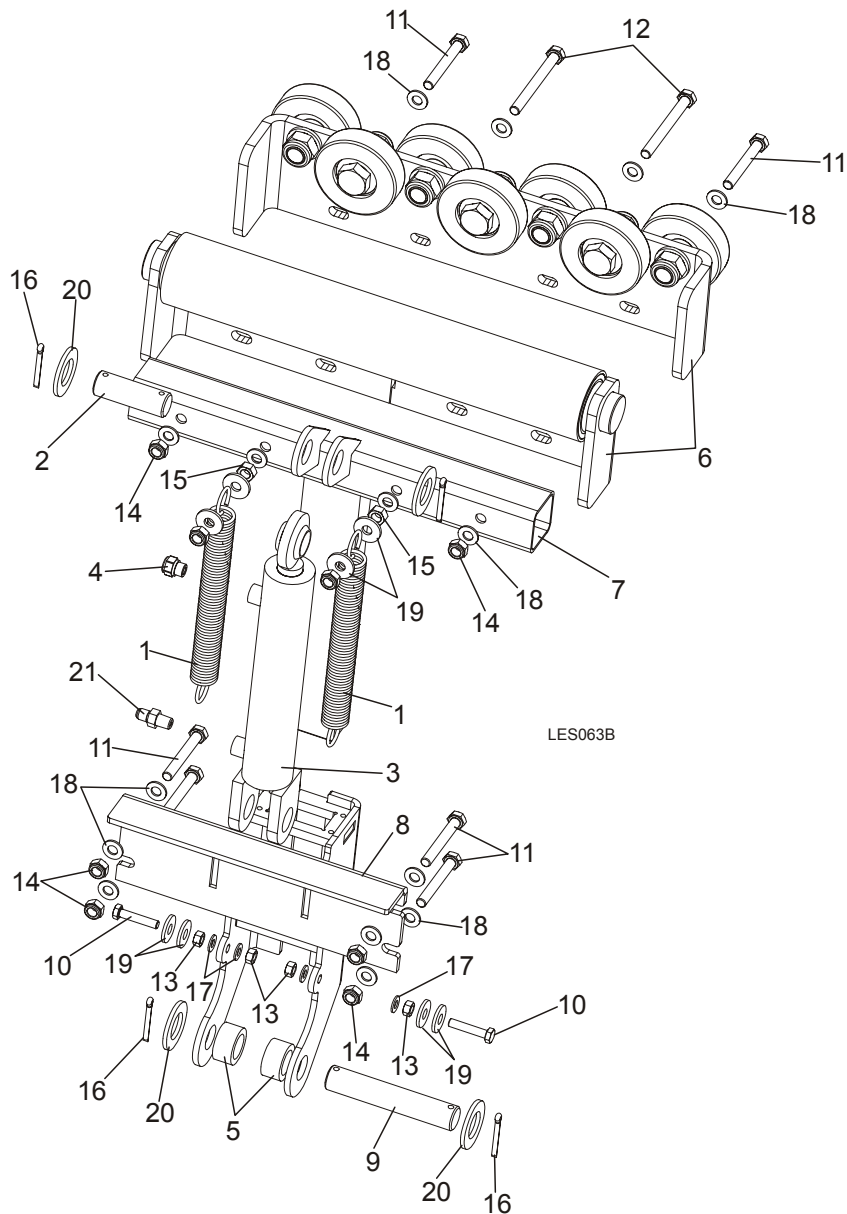
Log Clamp, Loading Ramp & Toe Board

H1/H2/H3 Control Assemblies - Options

9

25	FITTING, JIC 9/16-18	085900	2	
26	CRIMP SOCKET, 3/8" HYDRAULIC HOSE	085901	2	
27	HOSE, 3/8" (C/S-20MPa)P/N8106-6-06 HYDRAULIC	R02132	(7.2m)	
	PHD 2T3/8X4.200 W9/16UNF-W9/16UNF	502416	1	
28	FITTING, JIC 9/16-18	085900	2	
29	CRIMP SOCKET, 3/8" HYDRAULIC HOSE	085901	2	
30	HOSE, 3/8" (C/S-20MPa)P/N8106-6-06 HYDRAULIC	R02132	(0.58m)	
	PHD 2T3/8X4.200 W9/16UNF-W9/16UNF	092357	1	
31	FITTING, JIC 9/16-18	085900	2	
32	CRIMP SOCKET, 3/8" HYDRAULIC HOSE	085901	2	
33	HOSE, 3/8" (C/S-20MPa)P/N8106-6-06 HYDRAULIC	R02132	(6.25m)	

9.5 Toe Board Roller Option



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	KIT, ROLLER TOE BOARD	502110	1
1	SPRING, 1 1/16x8x.135 DIA	015718	2
2	PIN, 25X75 ZINC-PLATED	088659-1	1
3	CYLINDER, CJ-S170-16-40/25/152 HYDRAULIC	088681	1
4	AIR VENT VALVE 2901-14-17	090794	1
5	BUSHING, 38/25.4-19.6	505514-1	2
6	BRACKET, HYDRAULIC TOE BOARD - FRONT	502050-1	1
	RETROFIT KIT, ROLLER TURNER OPTION	504893-S	1

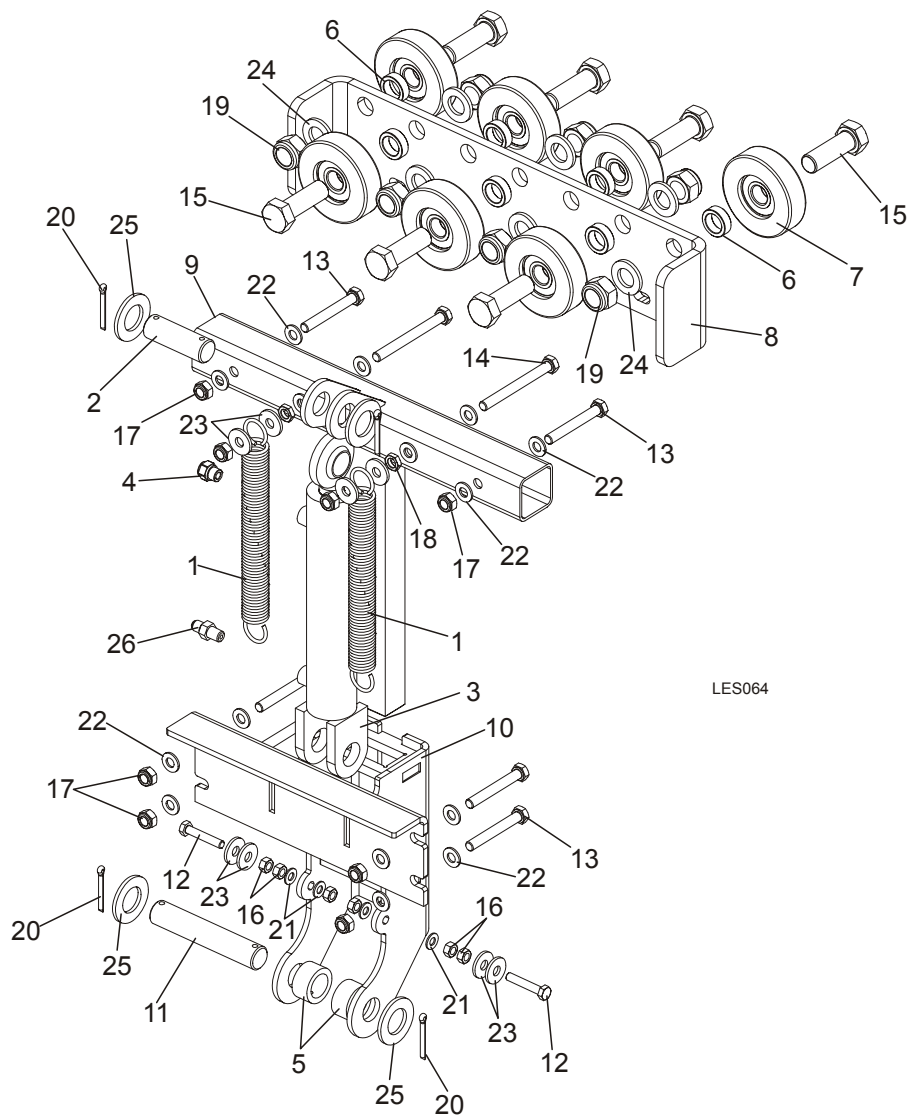
Log Clamp, Loading Ramp & Toe Board

Toe Board Roller Option

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7	LINE FEED PART, TOE BOARD	502104-1	1	
8	GUIDE, TOE BOARD ROLLER	502105-1	1	
9	PIN, 25 x 140	502109-1	1	
10	BOLT, M8 X 45 - 8.8 Fe/Zn5, PN-M/82105	F81002-14	2	
11	BOLT, M10x75-8.8-Fe/Zn5 PN-M/82101	F81003-15	6	
12	BOLT, M10x100-8.8 FE/ZN PN-M/82105	F81003-91	2	
13	NUT, M8 HEXAGON, GRADE 5.8 FREE ZINC	F81032-1	6	
14	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	8	
15	NUT, M10-8-B-FE	F81033-3	2	
16	PIN, 5 X 40 COTTER	F81043-31	4	
17	WASHER, 8.4 FLAT ZINC	F81054-1	4	
18	WASHER, 10.5 FLAT ZINC	F81055-1	16	
19	WASHER, 10.5 ZINC FLAT SPECIAL	F81055-6	8	
20	WASHER 28 FE/ZN5	F81061-1	4	
21	FITTING, 3/8JIC-1/4NPT STR	015560	1	

9.6 Roller Turner Option



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	KIT, ROLLER TURNER	502309	1
1	SPRING, 1 1/16x8x.135 DIA	015718	2
2	PIN, 25X75 ZINC-PLATED	088659-1	1
3	CYLINDER, CJ-S170-16-40/25/152 HYDRAULIC	088681	1
4	AIR VENT VALVE 2901-14-17	090794	1
5	BUSHING, 38/25.4-19.6	505514-1	2
6	BUSHING, 21X30X10 SPACER ZINC	099351-1	7
7	ROLLER, RP-90, 6304 POLYURETHANE	099689	7
8	PLATE, TOE BOARD ROLLER MAIN	502037-1	1
9	LINE FEED PART, TOE BOARD	502104-1	1
10	GUIDE, TOE BOARD ROLLER	502105-1	1

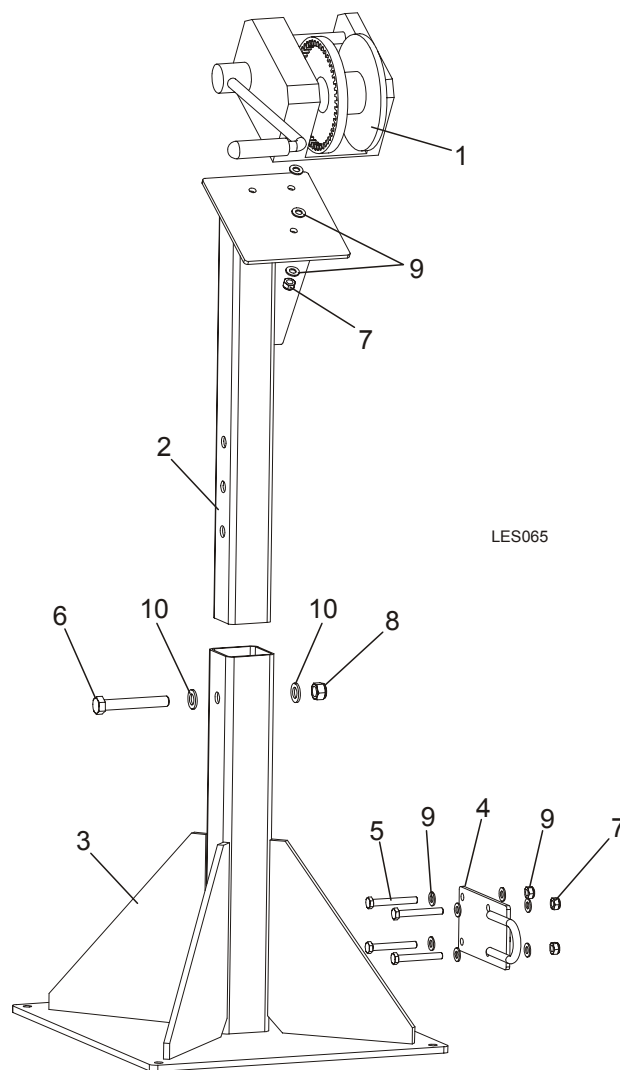
Log Clamp, Loading Ramp & Toe Board

Roller Turner Option

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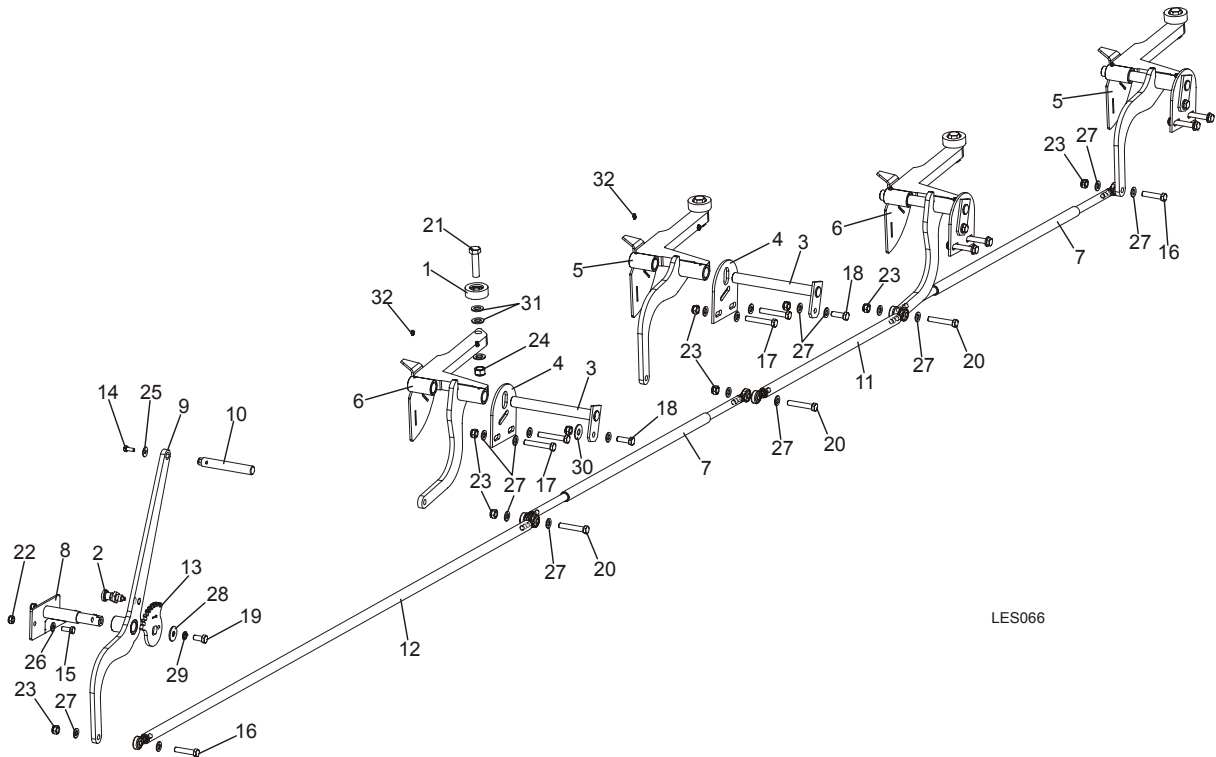
11	PIN, 25 x 140	502109-1	1	
12	BOLT, M8x45-8.8 Fe/Zn5 PN-M/82105	F81002-14	2	
13	BOLT, M10X75-8.8 FE/ZN5 PN-M/82101	F81003-15	6	
14	BOLT, M10x100-8.8 FE/ZN PN-M/82105	F81003-91	2	
15	BOLT, M20X60-8.8-FE/ZN5 PN-85/M-82101	F81007-7	7	
16	NUT, M8 HEXAGON, GRADE 5.8 FREE ZINC	F81032-1	4	
17	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	8	
18	NUT, M10-8-B-FE	F81033-3	2	
19	NUT, M20-6 HEX	F81037-2	7	
20	PIN, 5 X 40 COTTER	F81043-31	4	
21	WASHER, 8.4 FLAT ZINC	F81054-1	4	
22	WASHER, 10.5 FLAT ZINC	F81055-1	16	
23	WASHER, 10.5 ZINC FLAT SPECIAL	F81055-6	8	
24	WASHER, M20 FLAT ZINC	F81059-2	7	
25	WASHER 28 FE/ZN5	F81061-1	4	
26	FITTING, 3/8JIC-1/4NPT STR	015560	1	

9.7 Winch Option



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	KIT, WINCH	501341	1
1	WINCH, AL-KO TYPE 901	096453	1
2	TUBE, VERTICAL OUTRIGGER	501128-1	1
3	BASE WDMT, WINCH	502068-1	1
4	UCHWYT LINKI	502418-1	1
5	BOLT, M10x75-8.8-Fe/Zn5 PN-M/82101	F81003-15	4
6	BOLT, M16x110-8.8-Fe/Zn5 PN-M/82101	F81006-24	1
7	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	7
8	NUT, M16,HEX, NYLON ZINC LOCK	F81036-2	1
9	WASHER, 10.5 FLAT ZINC	F81055-1	14
10	WASHER, 17 FLAT ZINC	F81058-1	2

9.8 Log Side Supports w/Lever Option



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
	KIT, LOG SIDE SUPPORTS W/LEVER	503672	1
1	ROLLER ASSY, SIDE SUPPORT	015014	4
2	PIN, DETENT	090197	1
3	PIN, SIDE SUPPORT ZINC-PLATED	091549-1	4
4	PLATE, LOG SIDE SUPPORT MOUNT PTD	091591-1	4
5	SIDE SUPPORT, W/COVER 1	502955-1	2
6	SIDE SUPPORT, W/COVER 2	502958-1	2
7	STRING, EXTREME COMPLETE	502961	2
8	AXIS, COMPLETE	502966-1	1
9	LEVER	502977-1	1
10	KNOB, LEVER	502979	1
11	STRING, MIDDLE COMPLETE	502980	1
12	STRING, LEVER COMPLETE	502981	1
13	BLOCK, SIDE SUPPORT LEVER	502982-1	1
14	BOLT,M8X20-5.8 HEX HEAD FULL THREAD ZINC	F81002-1	1
15	BOLT, M10X25-8.8-FE/ZN5	F81003-11	2
16	BOLT, M12X55-8.8 HEX HEAD ZINC	F81004-12	2
17	BOLT, M12 X 75-8.8 ZINC	F81004-21	8
18	BOLT, M12 X 35-8.8-FE/ZN5 HEX HEAD FULL	F81004-24	4
19	SCREW, M12X25-8.8-FE/ZN5 PN-M/82105	F81004-31	1
20	BOLT, M12x70 8.8 Fe/Zn5 HEX HEAD	F81004-39	3



Log Clamp, Loading Ramp & Toe Board

Log Side Supports w/Lever Option

21	BOLT, M16x65-8.8 HEX HEAD FULL THREAD ZINC	F81006-1	4	
22	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	2	
23	NUT, M12-8 HEX NYLON ZINC LOCK	F81034-2	17	
24	NUT, M16,HEX, NYLON ZINC LOCK	F81036-2	4	
25	WASHER, 8.5 FLAT, ZINC SPECIAL	F81054-11	1	
26	WASHER, 10.5 FLAT ZINC	F81055-1	2	
27	WASHER, M12 , FLAT, ZINC	F81056-1	33	
28	WASHER, 13 FLAT, ZINC SPECIAL	F81056-14	1	
29	WASHER, Z12.2 SPLIT LOCK ZINC	F81056-2	1	
30	WASHER, 15 FLAT SPECIAL ZINC-PLATED	F81057-3	1	
31	WASHER, 17 FLAT ZINC	F81058-1	12	
32	FITTING, 3/16X3/16 STRAIGHT GREASE	P04107	9	