

Wood-Mizer[®] Sawmill

Parts Manual

LT40

rev. K3.04 - K5.01

Safety is our #1 concern!

January 2010

Form #1644



WARNING! Read and understand this manual before using this machine.

California

Proposition 65 Warning



WARNING: Breathing gas/diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Always start and operate the engine in a well-ventilated area.
If in an enclosed area, vent the exhaust to the outside.
Do not modify or tamper with the exhaust system.
Do not idle the engine except as necessary.

For more information go to www.P65warnings.ca.gov.



WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection.

For more information go to www.P65Warnings.ca.gov/wood.

Active Patents assigned to Wood-Mizer, LLC

Wood-Mizer, LLC has received patents that protect our inventions which are a result of a dedication to research, innovation, development, and design. Learn more at: woodmizer.com/patents

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SECTION 1 REPLACEMENT PARTS

1.1 How To Use The Parts List

- Use the table of contents 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.

To Order Parts

- From the continental US, call **1-800-525-8100** to order parts. 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.

1.2 Sample Assembly



REF	PART #	DESCRIPTION	COMMENTS	QTY.
	012345	SAMPLE ASSEMBLY, COMPLETE	INCLUDES ITEMS 1-6	1
1	F02222-22	Sample Part		1
2	F03333-33	Sample Part		2
	098765	Sample Subassembly	Includes items 3-6	1
3	S04444-44	Subassembly Sample Part		1
4	K55555	Subassembly Sample Part		1
	054321	Sample Sub-Subassembly	Includes items 5-6	2
5	022222	Sub-Subassembly Sample Part		1
6	F10234-56	Sub-Subassembly Sample Part		1

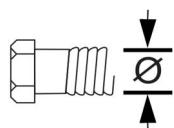
The Sample Assembly, Complete, part number 02345 (top level assembly) includes two parts (F0222-22 and F0333-33) and the 098765 subassembly.

Subassembly 098765 contains two parts(S04444-44 and K55555) and two copies of sub-subassembly 054321.

Each sub-subassembly 054321 contains two parts (022222 and F10234-56).

1.3 Torque Values

Grade		Units	SAE 5	SAE 8
Grade Mark				
Bolt Dia.	Threads Per In.	Units	SAE 5	SAE 8
6	32	in-lbs (Nm)	20 (2.3)	-
8	32	in-lbs (Nm)	24 (2.7)	30 (3.4)
10	24	in-lbs (Nm)	35 (4.0)	45 (5.1)
10	32	in-lbs (Nm)	40 (4.5)	50 (5.7)
12	24	in-lbs (Nm)	50 (5.7)	65 (7.3)
1/4	20	in-lbs (Nm)	95 (10.7)	125 (14.1)
1/4	28	in-lbs (Nm)	95 (10.7)	150 (17.0)
5/16	18	ft-lbs (Nm)	17 (22.6)	23 (31.2)
5/16	24	ft-lbs (Nm)	20 (27.1)	25 (33.8)
3/8	16	ft-lbs (Nm)	30 (40.7)	40 (54.2)
3/8	24	ft-lbs (Nm)	35 (47.5)	45 (61.0)
7/16	14	ft-lbs (Nm)	50 (67.8)	65 (88.1)
7/16	20	ft-lbs (Nm)	55 (74.6)	70 (94.9)
1/2	13	ft-lbs (Nm)	75 (101.7)	100 (135.6)
1/2	20	ft-lbs (Nm)	85 (115.3)	110 (149.2)
9/16	12	ft-lbs (Nm)	105 (142.4)	135 (183.1)
9/16	18	ft-lbs (Nm)	115 (155.9)	150 (203.4)
5/8	11	ft-lbs (Nm)	150 (203.4)	195 (264.4)
5/8	18	ft-lbs (Nm)	160 (217.0)	210 (284.8)
3/4	10	ft-lbs (Nm)	170 (230.5)	220 (298.3)
3/4	16	ft-lbs (Nm)	175 (237.3)	225 (305.1)
7/8	9	ft-lbs (Nm)	302 (409.5)	473 (640.9)
7/8	14	ft-lbs (Nm)	300 (406.8)	400 (542.4)
1	8	ft-lbs (Nm)	466 (631.8)	714 (967.4)



Metric Bolt Head Identification



8.8
Metric Grade 8.8

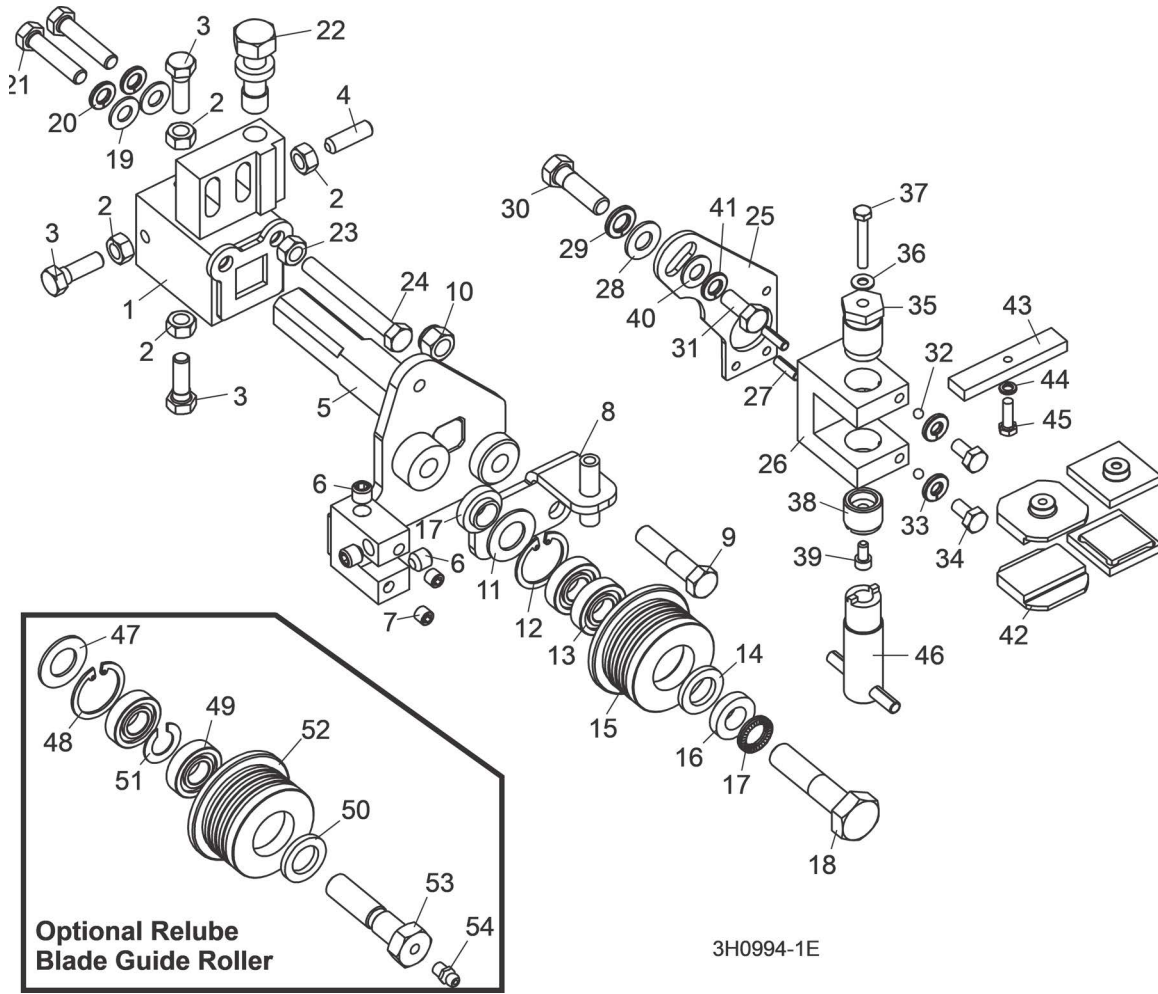


10.9
Metric Grade 10.9

COARSE THREAD					FINE THREAD				Wrench Size	
Diameter & Thread Pitch	Metric 8.8		Metric 10.9		Diameter & Thread Pitch	Metric 8.8		Metric 10.9		
	N-m	lbs-ft	N-m	lbs-ft		N-m	lbs-ft	N-m		lbs-ft
6 x 1.0	8	6	11	8					10 mm	
8 x 1.25	20	15	27	20	8 x 1.0	21	16	29	22	13 mm
10 x 1.5	39	29	54	40	10 x 1.25	41	30	57	42	16 mm
12 x 1.75	68	50	94	70	12 x 1.25	75	55	103	76	18 mm
14 x 2.0	109	80	151	111	14 x 1.5	118	87	163	120	21 mm
16 x 2.0	169	125	234	173	16 x 1.5	181	133	250	184	24 mm
18 x 2.5	234	172	323	239	18 x 1.5	263	194	363	268	27 mm
20 x 2.5	330	244	457	337	20 x 1.5	367	270	507	374	30 mm
22 x 2.5	451	332	623	460	22 x 1.5	495	365	684	505	34 mm
24 x 3.0	571	421	790	583	24 x 2.0	623	459	861	635	36 mm
30 x 3.0	1175	867	1626	1199	30 x 2.0	1258	928	1740	1283	46 mm

SECTION 2 BLADE GUIDE ROLLERS & ARM

2.1 Blade Guide Assembly, Idle Side



REF	PART #	DESCRIPTION	COMMENTS	QTY.
	003992	GUIDE ASSEMBLY, IDLE SIDE BLADE ROLLER		1
	003920	Block Assembly, Idle Side Blade Guide Mount		1
1	003921	Block Weldment, Blade Guide Mount	Available in assemblies only.	1
2	F05010-17	Nut, 5/16-18 Hex		4
3	F05006-88	Bolt, 5/16-18 x 1" Hex Head Stainless Steel		3
4	F05006-122	Screw, 5/16-18 x 1" Socket Head Flat Point Stainless Steel Set		1
5	003924	Shaft Weldment, Idle Side Guide		1
6	P30127	Fitting, 1/8" NPT Socket Pipe Plug		3
7	007734	Fitting, 1/16" NPT Socket Pipe Plug		2
8	006322	Bracket Weldment, Idle Side Water Lube		1
9	F05007-78	Bolt, 3/8-16x1 1/2 Hex Head Grade 5		1
10	F05010-10	Nut, 3/8-16 Hex Nylon Lock		1
	A04925	Roller Assembly, Blade Guide (standard)		1

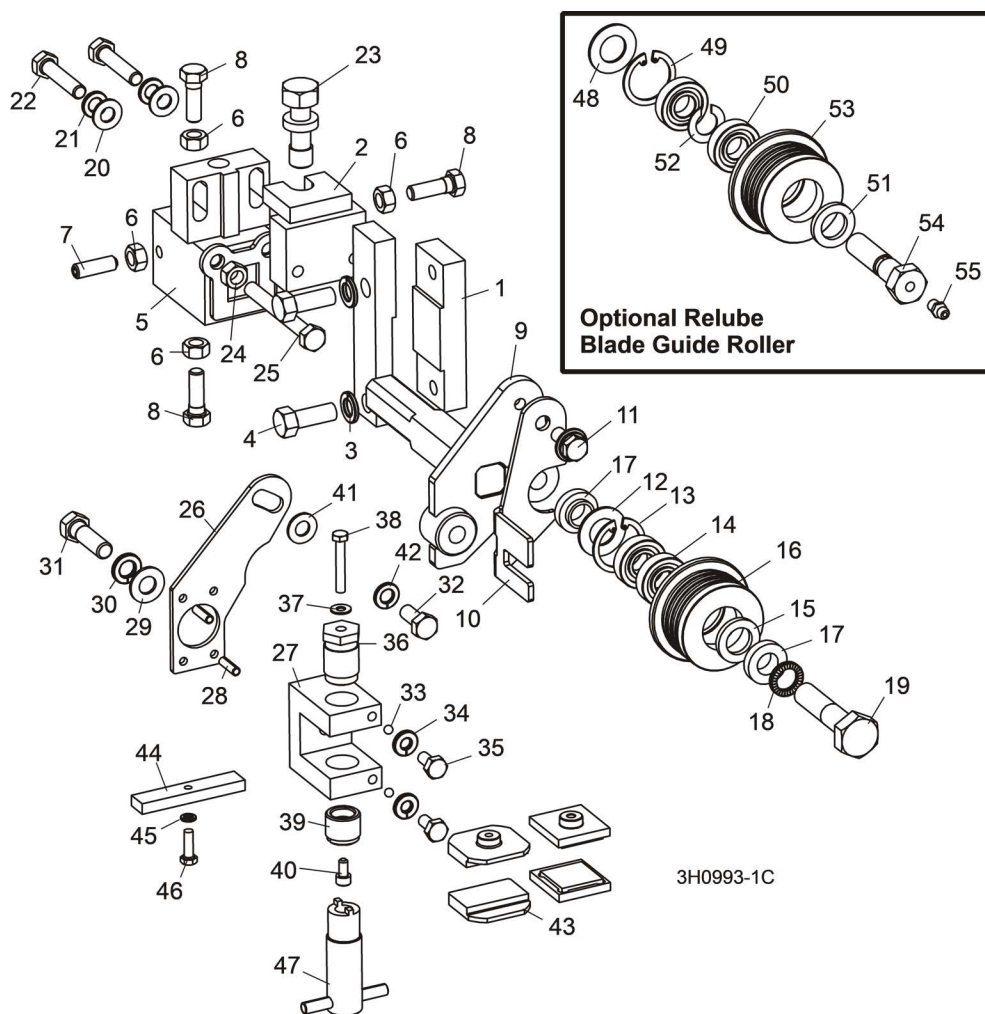
2 Blade Guide Rollers & Arm

Blade Guide Assembly, Idle Side

REF	PART #	DESCRIPTION	COMMENTS	QTY.
	014299	Roller Assembly, Extended Blade Guide (optional for use with 1 1/2" blades)	High-Performance Blade Guide Kit requires LMS blade lube system. Use kit 006325 to upgrade both drive and idle side blade guides to High-Performance. If sawmill not already equipped with LMS, add kit .	1
	K07079	Bearing Kit, Blade Guide Rebuild		1
11	P04252	Washer, 5/8" White Felt		1
12	F04254-1	Ring, 1 1/8" Interior Retaining		1
13	015975	Bearing, R8-2RS Blade Guide	Available in assemblies only.	2
14	P06455	Washer, 5/8" Gray Felt		1
	F05005-105	Screw, 1/4-28 x 1/4" Socket Head Cup Point Set Black Oxide		1
	057407-1507	Instruction Sheet, Blade Guide Rebuild		1
15	S04250	Roller, Flanged Blade Guide	Available in assemblies only.	1
	014298	Roller, Flanged Blade Guide (1 1/2" blade)	Available in assemblies only.	1
	A04925-364	Instruction Sheet, Blade Guide Roller Replacement		1
16	S04253	Spacer, Blade Guide		2
17	F05011-125	Washer, 1/2" Nord-Lock		1
18	F05008-10	Bolt, 1/2-13 x 2 1/4" Hex Head Grade 5		1
19	F05011-17	Washer, 5/16" SAE Flat		2
20	F05011-13	Washer, 5/16" Split Lock		2
21	F05006-76	Bolt, 5/16-18 x 1 1/2" Hex Head		2
22	035656	Bolt, Blade Guide Vertical Adjustment		1
23	F05010-17	Nut, 5/16-18 Hex		1
24	F05006-136	Bolt, 5/16-18 x 2 3/4" Hex Head Full Thread		1
	006325	GUIDE KIT, HIGH-PERFORMANCE BLADE GUIDE (OPTIONAL)	High-Performance Blade Guide Kit requires LMS blade lube system. Use kit 006325 to upgrade both drive and idle side blade guides to High-Performance. If sawmill not already equipped with LMS, add kit .	1
	003928	Block Assembly, Idle Side Blade Guide		1
25	003915	Plate, Block Tilt Adjustment		1
26	003909	Block, Guide Block Mount		1
27	F05012-22	Pin, 3/16" x 5/8" Roll		2
28	F05011-3	Washer, 3/8" SAE Flat		1
29	F05011-4	Washer, 3/8" Split Lock		1
30	F05007-123	Bolt, 3/8-16 x 1 1/4" Hex Head Grade 5		1
31	F05006-102	Bolt, 5/16-18 x 3/4" Hex Head		1
32	003914	Ball, 3/16" Dia. Nylon		2
33	F05011-14	Washer, 1/4" Split Lock		2
34	F05005-15	Bolt, 1/4-20 x 1/2" Hex Head		2
35	003994	Bolt, Blade Guide Block Mount		1
36	042867	Washer, #10 Brass		1
37	F05004-240	Bolt, #10-32 x 1 1/4" Hex Head Stainless Steel		1
38	044057	Screw, Lower Block Adjustment		1

REF	PART #	DESCRIPTION	COMMENTS	QTY.
39	F05004-200	Screw, #10-32 x 3/8" Socket Head Stainless Steel		1
40	F05011-17	Washer, 5/16" SAE Flat		1
41	F05011-13	Washer, 5/16" Split Lock		1
42	052355	Block, Blade Guide Wear (Standard for 1 1/4" Blades)	052355 blocks for use with 1 1/4" blade provided as standard equipment. EZ-Glide blocks 036347 are available for customers who prefer this block.	2
	052309	Block, Blade Guide Wear (Optional for 1 1/2" Blades)	Bearing must be modified for use with relube roller assemblies. Remove one seal from each bearing, place open sides facing each other and place spacer 035411 between bearings.	2
	036347	Block Assembly, 1" Sq. EZ-Glide Wear		2
43	035799	Block, Blade Guide Alignment		1
44	F05011-20	Washer, #10 Split Lock		1
45	F05004-152	Screw, #10-32 x 5/8" Hex Head		1
46	044064	Adjustment Tool, Lower Guide Block		1
	035248	Shim, .008" Blade Guide Block Spacer		1
		Drive Side Blade Guide Parts (See Section 2.1)		
	016568	ROLLER ASSEMBLY, BLADE GUIDE RELUBE (OPTIONAL)		1
	057405	ROLLER ASSEMBLY, EXTENDED BLADE GUIDE RELUBE (OPTIONAL FOR USE WITH 1 1/2" BLADES)	High-Performance Blade Guide Kit requires LMS blade lube system. Use kit 006325 to upgrade both drive and idle side blade guides to High-Performance. If sawmill not already equipped with LMS, add kit .	1
	057407	Bearing Kit, Relube Blade Guide Rebuild		1
47	P04252	Washer, 5/8" White Felt		1
48	F04254-1	Ring, 1 1/8" Interior Retaining		1
49	015975	Bearing, R8-2RS Blade Guide	Available in assemblies only. Bearing must be modified for use with relube roller assemblies. Remove one seal from each bearing, place open sides facing each other and place spacer 035411 between bearings.	2
50	P06455	Washer, 5/8" Gray Felt		1
51	035411	Spacer, Blade Guide Bearing		1
	057407-1507	Instruction Sheet, Blade Guide Rebuild		1
52	035426	Roller, Flanged Blade Guide (Relube)	Available in assemblies only.	1
	057402	Roller, Flanged Blade Guide (Relube 1 1/2" blade)	Available in assemblies only.	1
	A04925-364	Instruction Sheet, Blade Guide Roller Replacement		1
53	036161	BOLT, BLADE GUIDE ROLLER (RELUBE ONLY)		1
54	P05060	FITTING, 1/4-28 GREASE (RELUBE ONLY)		1

2.2 Blade Guide Assembly, Drive Side



REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	016548	BLOCK, BOLT ON BLADE GUIDE MOUNT		1
2	003964	BRACKET WELDMENT, INNER BLADE GUIDE MOUNT		1
3	F05011-4	WASHER, 3/8" SPLIT LOCK		2
4	F05007-7	BOLT, 3/8-16 X 1" HEX HEAD		2
	003905	GUIDE ASSEMBLY, DRIVE SIDE BLADE ROLLER		1
	003910	Block Assembly, Blade Guide Mount		1
5	003911	Block Weldment, Blade Guide Mount	Available in assemblies only.	1
6	F05010-17	Nut, 5/16-18 Hex		4
7	F05006-122	Screw, 5/16-18 x 1" Socket Head Flat Point Stainless Steel Set		1
8	F05006-88	Bolt, 5/16-18 x 1" Hex Head Stainless Steel		3
9	003913	Shaft Weldment, Drive Side Guide		1
10	003916	Plate, Blade Guide Deflector		1
11	F05006-101	Bolt, 5/16-18 x 3/4" Hex Head w/Flat & Lock Washer		1
	A04925	Roller Assembly, Blade Guide (standard)		1

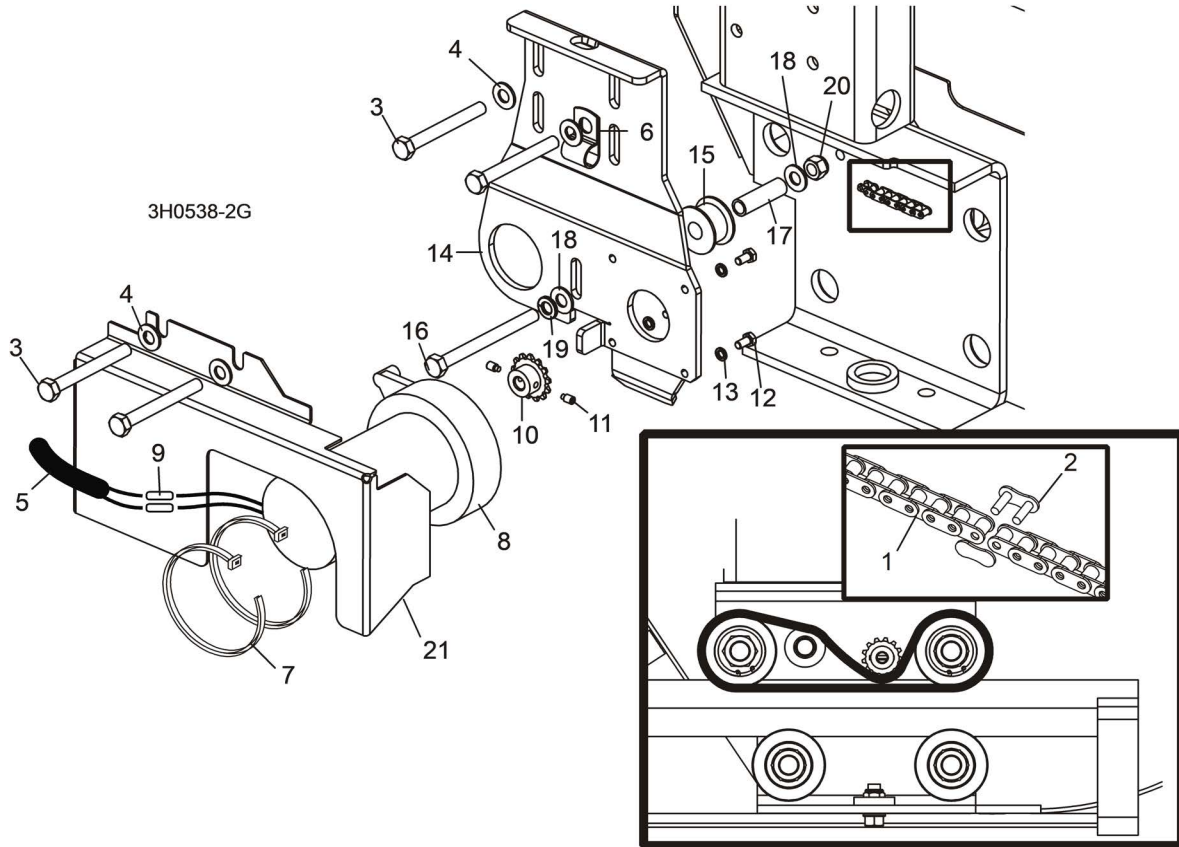
REF	PART #	DESCRIPTION	COMMENTS	QTY.
	014299	Roller Assembly, Extended Blade Guide (optional for use with 1 1/2" blades)	High-Performance Blade Guide Kit requires LMS blade lube system. Use kit 006325 to upgrade both drive and idle side blade guides to High-Performance. If sawmill not already equipped with LMS, add kit .	1
	K07079	Bearing Kit, Blade Guide Rebuild		1
12	P04252	Washer, 5/8" White Felt		1
13	F04254-1	Ring, 1 1/8" Interior Retaining		1
14	015975	Bearing, R8-2RS Blade Guide	Available in assemblies only.	2
15	P06455	Washer, 5/8" Gray Felt		1
	F05005-105	Screw, 1/4-28 x 1/4" Socket Head Cup Point Set Black Oxide		1
	057407-1507	Instruction Sheet, Blade Guide Rebuild		1
16	S04250	Roller, Flanged Blade Guide	Available in assemblies only.	1
	014298	Roller, Flanged Blade Guide (1 1/2" blade)	Available in assemblies only.	1
	A04925-364	Instruction Sheet, Blade Guide Roller Replacement		1
17	S04253	Spacer, Blade Guide		2
18	F05011-125	Washer, 1/2" Nord-Lock		1
19	F05008-10	Bolt, 1/2-13 x 2 1/4" Hex Head Grade 5		1
20	F05011-17	Washer, 5/16" SAE Flat		2
21	F05011-13	Washer, 5/16" Split Lock		2
22	F05006-93	Bolt, 5/16-18 x 1 1/4" Hex Head		2
23	035656	Bolt, Blade Guide Vertical Adjustment		1
24	F05010-17	Nut, 5/16-18 Hex		1
25	F05006-136	Bolt, 5/16-18 x 2 3/4" Hex Head Full Thread		1
	006325	GUIDE KIT, HIGH-PERFORMANCE BLADE GUIDE (OPTIONAL)	High-Performance Blade Guide Kit requires LMS blade lube system. Use kit 006325 to upgrade both drive and idle side blade guides to High-Performance. If sawmill not already equipped with LMS, add kit.	1
	003927	Block Assembly, Drive Side Blade Guide		1
26	003915	Plate, Block Tilt Adjustment		1
27	003909	Block, Guide Block Mount		1
28	F05012-22	Pin, 3/16" x 5/8" Roll		2
29	F05011-3	Washer, 3/8" SAE Flat		1
30	F05011-4	Washer, 3/8" Split Lock		1
31	F05007-123	Bolt, 3/8-16 x 1 1/4" Hex Head Grade 5		1
32	F05006-102	Bolt, 5/16-18 x 3/4" Hex Head		1
33	003914	Ball, 3/16" Dia. Nylon		2
34	F05011-14	Washer, 1/4" Split Lock		2
35	F05005-15	Bolt, 1/4-20 x 1/2" Hex Head		2
36	003994	Bolt, Blade Guide Block Mount		1
37	042867	Washer, #10 Brass		1
38	F05004-240	Bolt, #10-32 x 1 1/4" Hex Head -SS		1
39	044057	Screw, Lower Block Adjustment		1
40	F05004-200	Screw, #10-32 x 3/8" Socket Head -SS		1

2 Blade Guide Rollers & Arm

Blade Guide Assembly, Drive Side

REF	PART #	DESCRIPTION	COMMENTS	QTY.
41	F05011-17	Washer, 5/16" SAE Flat		1
42	F05011-13	Washer, 5/16" Split Lock		1
43	052355	Block, Blade Guide Wear (Standard for 1 1/4" Blades)	052355 blocks for use with 1 1/4" blade provided as standard equipment. EZ-Glide blocks 036347 are available for customers who prefer this block.	2
	052309	Block, Blade Guide Wear (Optional for 1 1/2" Blades)	Bearing must be modified for use with relube roller assemblies. Remove one seal from each bearing, place open sides facing each other and place spacer 035411 between bearings.	2
	036347	Block Assembly, 1" Sq. EZ-Glide Wear	052355 blocks for use with 1 1/4" blade provided as standard equipment. EZ-Glide blocks 036347 are available for customers who prefer this block.	2
44	035799	Block, Blade Guide Alignment		1
45	F05011-20	Washer, #10 Split Lock		1
46	F05004-152	Screw, #10-32 x 5/8" Hex Head		1
47	044064	Adjustment Tool, Lower Guide Block		1
	035248	Shim, .008" Blade Guide Block Spacer		1
		Idle Side Blade Guide Parts (See Section 2.1)		
	016568	ROLLER ASSEMBLY, BLADE GUIDE RELUBE (OPTIONAL)		1
	057405	ROLLER ASSEMBLY, EXTENDED BLADE GUIDE RELUBE (OPTIONAL FOR USE WITH 1 1/2" BLADES)	High-Performance Blade Guide Kit requires LMS blade lube system. Use kit 006325 to upgrade both drive and idle side blade guides to High-Performance. If sawmill not already equipped with LMS, add kit .	1
	057407	Bearing Kit, Relube Blade Guide Rebuild		1
48	P04252	Washer, 5/8" White Felt		1
49	F04254-1	Ring, 1 1/8" Interior Retaining		1
50	015975	Bearing, R8-2RS Blade Guide	Available in assemblies only. Bearing must be modified for use with relube roller assemblies. Remove one seal from each bearing, place open sides facing each other and place spacer 035411 between bearings.	2
51	P06455	Washer, 5/8" Gray Felt		1
52	035411	Spacer, Blade Guide Bearing		1
	057407-1507	Instruction Sheet, Blade Guide Rebuild		1
53	035426	Roller, Flanged Blade Guide (Relube)	Available in assemblies only.	1
	057402	Roller, Flanged Blade Guide (Relube 1 1/2" blade)	Available in assemblies only.	1
	A04925-364	Instruction Sheet, Blade Guide Roller Replacement		1
54	036161	BOLT, BLADE GUIDE ROLLER (RELUBE ONLY)		1
55	P05060	FITTING, 1/4-28 GREASE (RELUBE ONLY)		1

2.3 Blade Guide Arm Drive Assembly



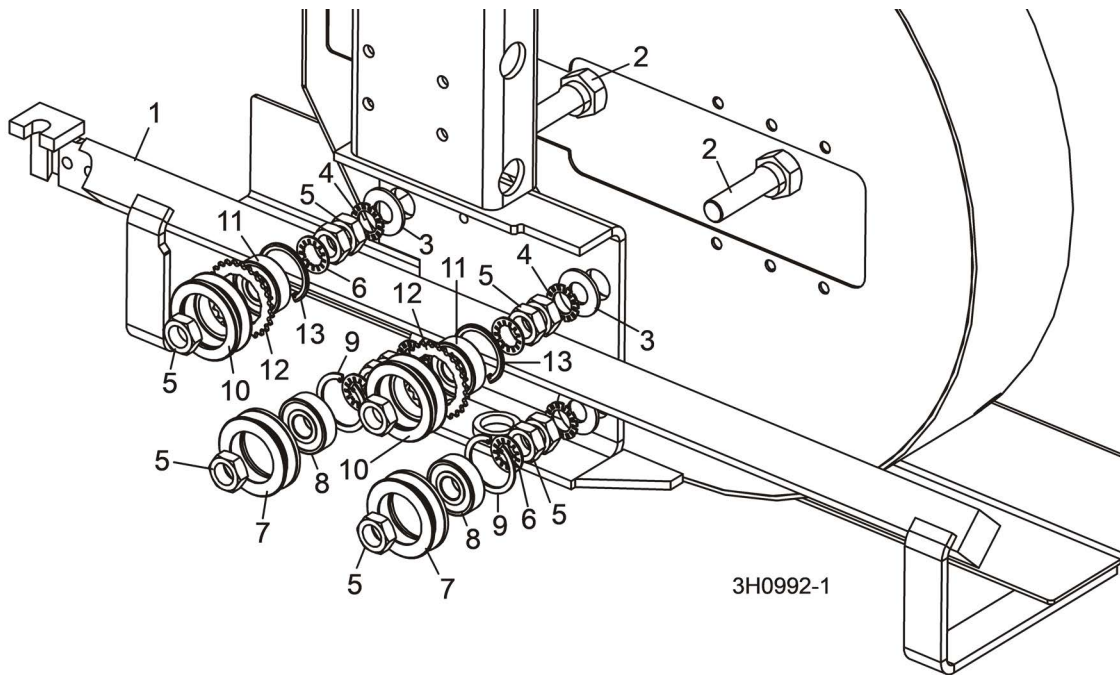
REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	P09984	CHAIN, #25 X 20 1/4"		1
2	P09983	LINK, #25 MASTER		1
3	F05006-28	BOLT, 5/16-18 X 2 3/4" HEX HEAD GRADE 5		4
4	F05011-17	WASHER, 5/16" SAE FLAT		4
5	R01897	TUBE, 3/8" X 1/2" NEOPRENE		2.5ft
6	P07584	CLAMP, 1/2" COATED EMT		2
7	F05089-1	WRAP, 1/4" X 6" TIE		2
	015989	DRIVE ASSEMBLY, BLADE GUIDE ARM		1
	079215	Motor Assembly, Blade Guide Arm Replacement		1
8	079214	Motor, Current Applications 1/30HP 12VDC Gear		1
	061232	Gear Kit, Motor Replacement (Current Application)		1
	061234	Brush Kit, Gear Motor Replacement (Current Application)		1
	061233	Shaft Kit, Gear Motor Replacement (Current Application)		1
9	F04875-1	Connector, 14 Gauge Butt		2
10	P09970	Sprocket, Gear Motor #25 14-Tooth		1
11	F05004-274	Screw, #10-24 x 1/4" Full Dog Point Socket Set		2
12	F05004-60	Screw, #10-32 x 1/2" Hex Head		4
13	F05011-20	Washer, #10 Split Lock		4
	A10365-296	Instruction Sheet, Blade Guide Arm Motor		1

2 Blade Guide Rollers & Arm

Blade Guide Arm Drive Assembly

REF	PART #	DESCRIPTION	COMMENTS	QTY.
14	015939	Bracket, Blade Guide Arm Motor Mount		1
15	S09999	Roller, Blade Guide Arm Chain Idler		1
16	F05006-3	Bolt, 5/16-18 X 3 1/2" Hex Head Full Thread		1
17	S09996	Spacer, 5/16" I.D. X 1 1/2"		1
18	F05011-17	Washer, 5/16" SAE Flat		2
19	F05011-13	Washer, 5/16" Split Lock		1
20	F05010-58	Nut, 5/16-18 Hex Nylon Lock		1
21	S11617	COVER, BLADE GUIDE ARM MOTOR		1
	S12029	GUARD, BLADE GUIDE ARM (G.S. ONLY)		1

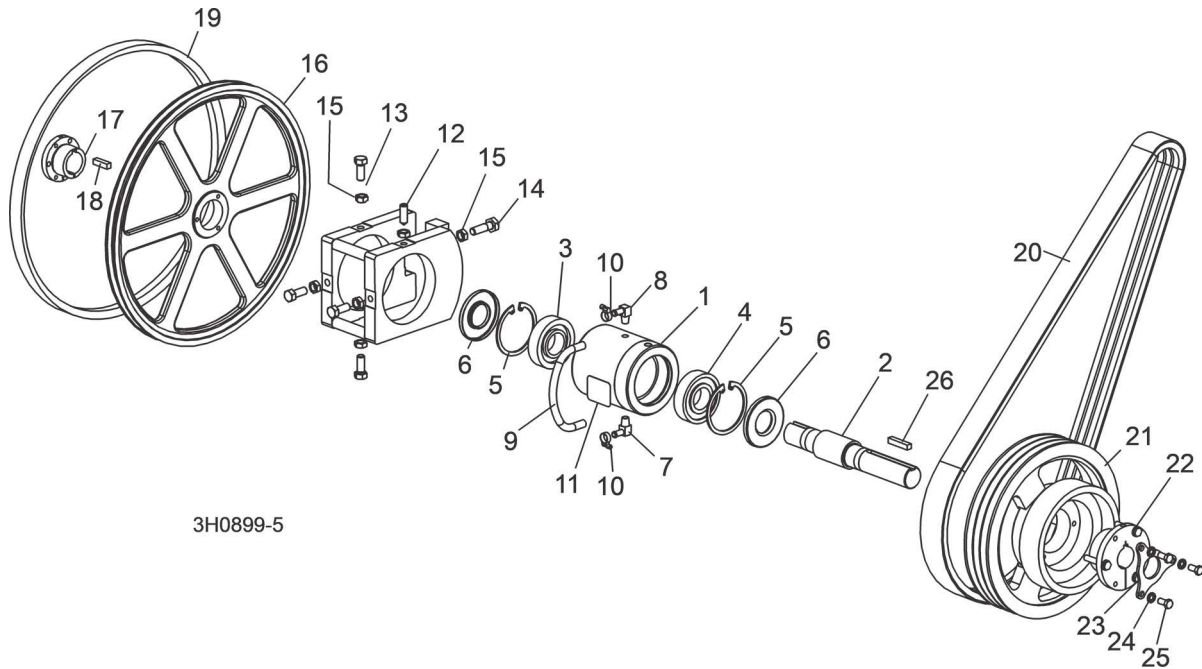
2.4 Blade Guide Arm



REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	003972	BLADE GUIDE ARM WELDMENT		1
	007040	BLADE GUIDE ARM WELDMENT (WIDE HEAD ONLY)		1
2	W09067	BOLT, BLADE GUIDE ARM ROLLER CAM		4
3	F05011-5	WASHER, 5/8" SAE FLAT		4
4	F05011-26	WASHER, 5/8" EXTERNAL STAR		4
5	F05010-11	NUT, 5/8-18 HEX JAM		12
6	F05011-25	WASHER, 5/8" INTERNAL STAR		8
	A09059	ROLLER ASSEMBLY, BLADE GUIDE ARM WITH BEARING		2
7	S07989	Roller, Blade Guide Arm V-Groove	Available in assemblies only.	1
8	P06030-1	Bearing, 6203-2NSL 5/8" I.D.	Available in assemblies only.	1
9	F04254-8	Ring, 1.575" ID Beveled 5002-156 Retaining		1
	A09932	ROLLER ASSEMBLY, BLADE GUIDE ARM WITH BEARING AND SPROCKET		2
10	S09930	Roller, Blade Guide Arm Drive	Available in assemblies only.	1
11	P06030-1	Bearing, 6203-2NSL 5/8" I.D.	Available in assemblies only.	1
12	S09931	Sprocket, #25 26-Tooth	Available in assemblies only.	1
13	F04254-8	Ring, 1.575" ID Beveled 5002-156 Retaining		1

SECTION 3 BLADE WHEELS & TENSIONER

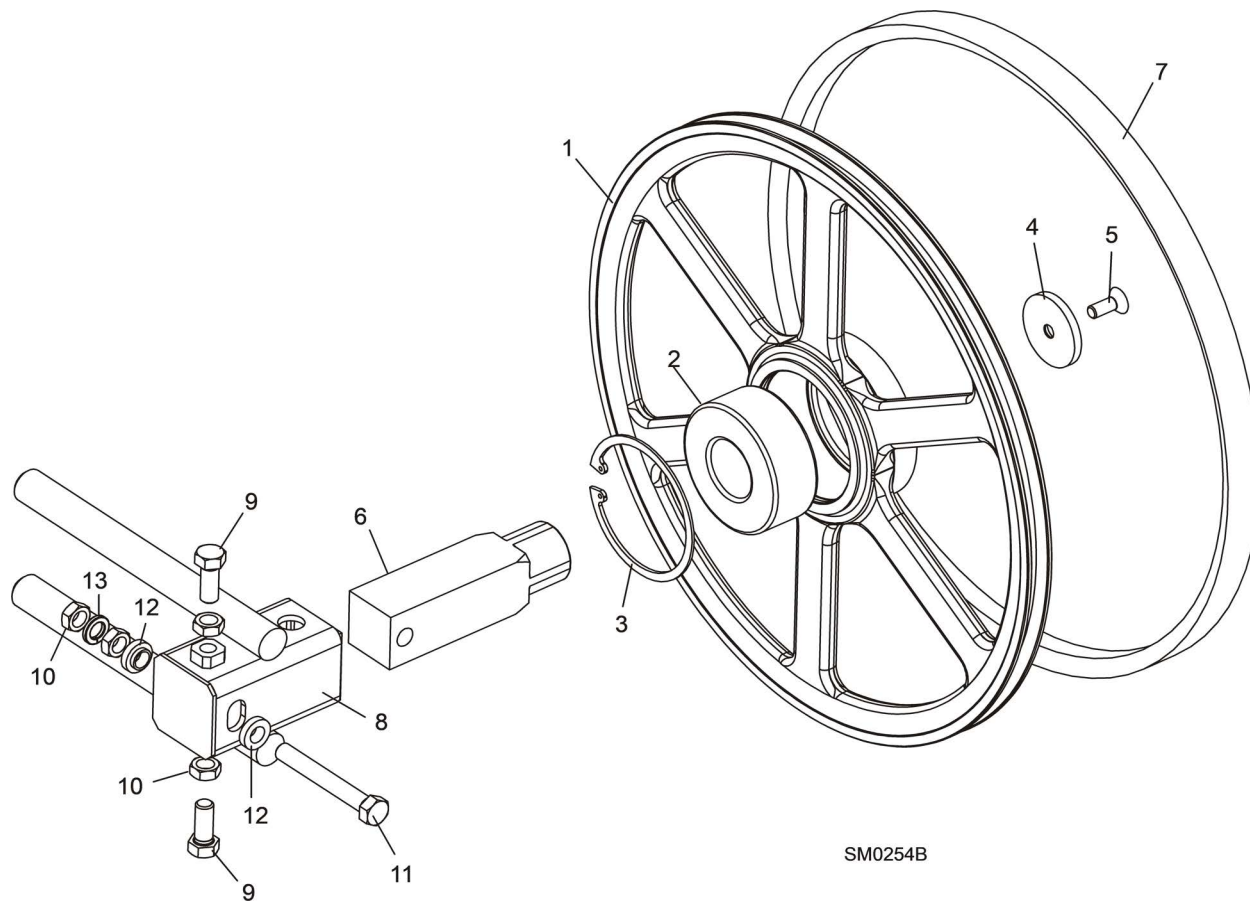
3.1 Blade Drive Assembly - D35 and G38 Engines



REF	PART #	DESCRIPTION	COMMENTS	QTY.
	016393	BEARING ASSEMBLY, BLADE WHEEL DRIVE		1
	016392	Bearing Assembly, Cylindrical Drive	Available in assemblies only.	1
1	016391	Housing, Blade Wheel Drive Bearing	Available in assemblies only.	1
2	014005	Shaft, Blade Wheel Drive	Available in assemblies only.	1
3	P10205	Bearing, Blade Wheel Drive #MU1308TV		1
4	016055	Bearing, Blade Wheel Drive #6308 C3 Open		1
5	F04254-17	Ring, 90mm Interior Retaining #I17		2
6	P10206	Seal, Drive Bearing #CR15890		2
7	016330	Fitting, 1/4" NPT x 3/8" Hose Barb Elbow		1
8	016331	Fitting, 1/4" NPT x 3/8" Hose Barb Vented Elbow		1
9	016394	Hose, Oil Level Viewer		1
10	P649	Clamp, 7/32-5/8" Hose		2
11	017470	Decal, Oil Level Gauge		1
	016393-555	Instruction Sheet, Drive Bearing Replacement		1
12	F05004-170	SCREW, 1/2-20 X 1 1/2" CONE POINT SET		1
13	F05008-108	BOLT, 1/2-20 X 1 1/4" HEX HEAD GRADE 5		4
14	F05008-49	BOLT, 1/2-20 X 1 3/4" HEX HEAD GRADE 5		1
15	F05010-16	NUT, 1/2-20 HEX JAM		6
	014562	WHEEL KIT, DRIVE SIDE BLADE	Service Kit	1
16	016284	Wheel, Drive Side Blade	Available in assemblies only.	1
17	016270	Bushing, Modified 1 9/16" SD		1
18	S12892	Key, 3/8" x 3/8" x 1 5/8"		1

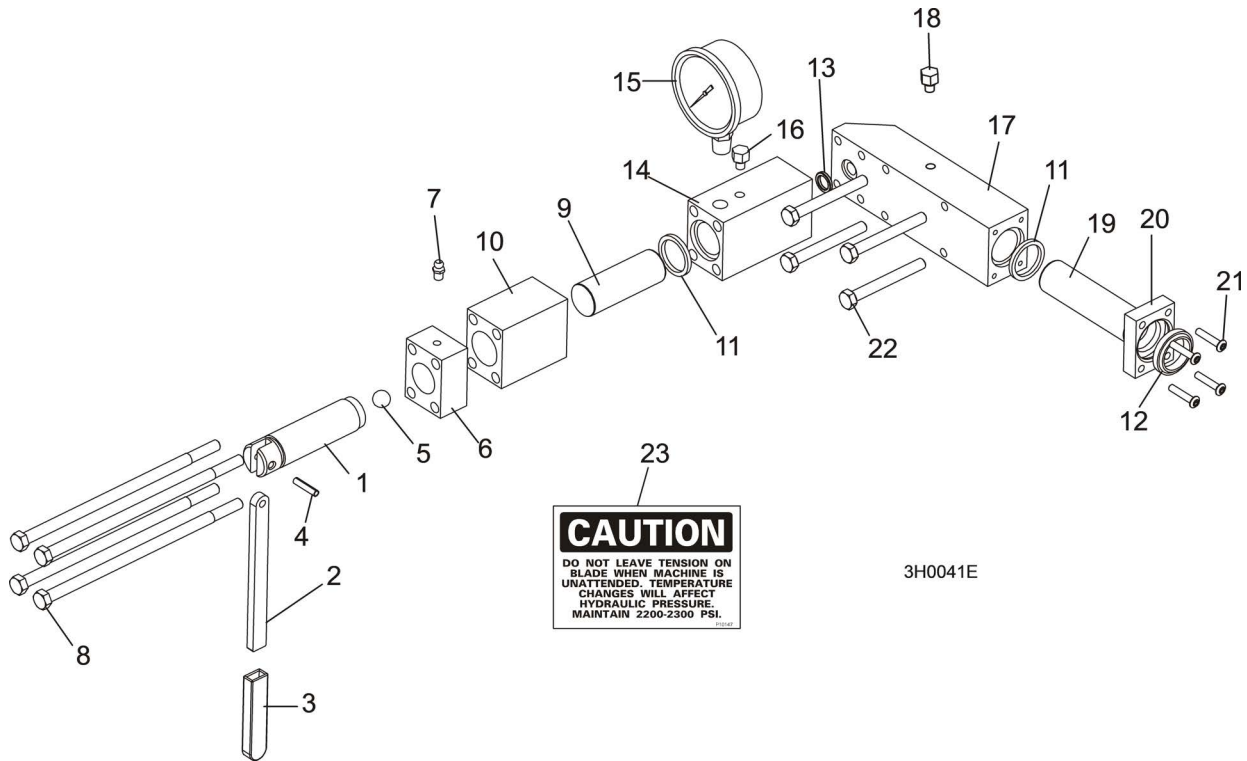
REF	PART #	DESCRIPTION	COMMENTS	QTY.
	K12897-488	Instruction Sheet, Drive Side Blade Wheel Replacement		1
19	P04185	BELT, BLADE WHEEL B57		1
20	06672	BELT, 3/5VX750 THIN LAM	G38	1
	110268	BELT, 3/5VFL765 KEVLAR	D35	1
	036163	BELT, 2/BXF71 DRIVE	G26	1
21	016531	SHEAVE, 5V12.5X3 BRAKE COMBO		1
22	016532	BUSHING, SF X 1 9/16"		1
23	017953	PLATE, BUSHING KEY RETAINER		1
24	F05011-4	WASHER, 3/8" SPLIT LOCK		3
25	F05007-27	BOLT, 3/8-16 X 3/4" HEX HEAD		3
26	014693	KEY, 3/8" X 3/8" X 1 7/8"		1

3.2 Idle Blade Wheel Assembly



REF	PART #	DESCRIPTION	COMMENTS	QTY.
	016120	WHEEL ASSEMBLY, IDLE SIDE BLADE		1
1	016013	Pulley, Idle Side Ptd.	Available in assemblies only.	1
2	016014	Bearing, 5309-2RS		1
3	F04254-28	Ring, 100mm Internal Retaining Beveled		1
	016441	SHAFT KIT, IDLE BLADE WHEEL		1
4	016397	Retainer, 13/32ID x 2 1/4OD x 1/4"		1
5	F05007-64	Bolt, 3/8-16 x 1" Flat Head Socket		1
6	016398	Shaft, 1 3/4 Idler, 3/8 Retainer		1
7	P04185	BELT, BLADE WHEEL B57		1
8	016103	HOUSING, IDLE BLADE WHEEL SHAFT		1
9	F05008-53	BOLT, 1/2-20 X 1 1/2" HEX HEAD GRADE 5		2
10	F05010-16	NUT, 1/2-20 HEX JAM		4
11	F05008-111	BOLT, 1/2-20 X 3 3/4" HEX HEAD FULL THREAD GRADE 2		1
12	S04253	SPACER, 1/2" I.D. FLANGED		2
13	F05011-9	WASHER, 1/2" SPLIT LOCK		1

3.3 Hydraulic Blade Tensioner Assembly



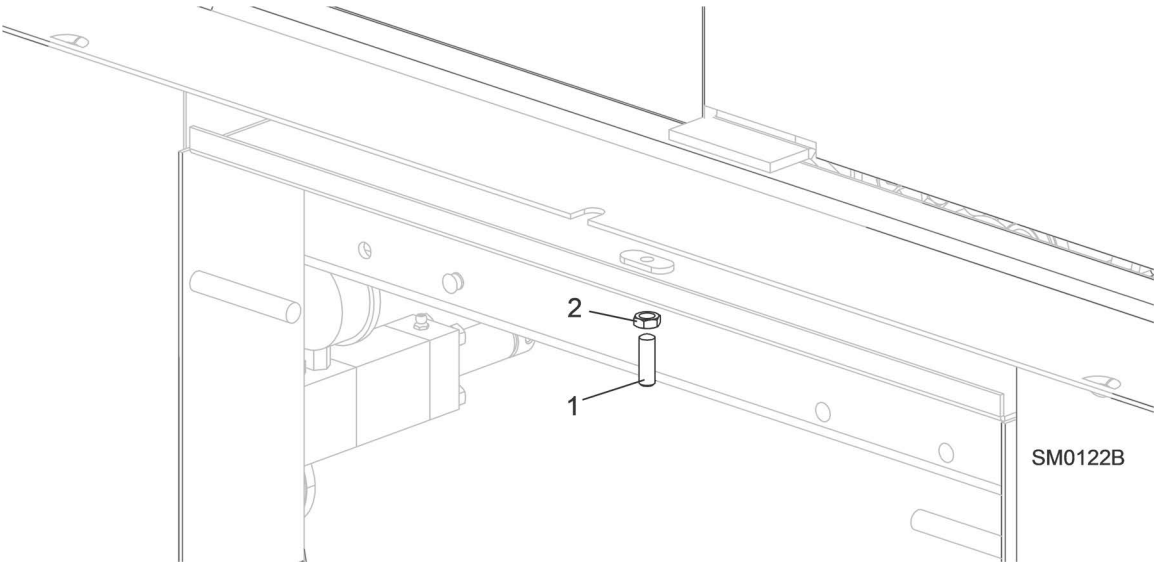
REF	PART #	DESCRIPTION	COMMENTS	QTY.
	A10136	HYDRAULIC BLADE TENSIONER ASSEMBLY	Service Kit	1
	A10054	Tensioner Assy, Hyd Blade	Production assembly	1
	A12294	Handle Assembly, Hydraulic Blade Tensioner Screw	Service Kit	1
1	S10056	Screw, Hydraulic Blade Tensioner	Available in assemblies only.	1
2	S08174	Handle, Hydraulic Tensioner Screw		1
3	P08072	Sleeve, Plastic Handle		1
4	F05012-19	Pin, 3/16" x 7/8" Roll		1
5	P02720	Ball, 1/2" Steel		1
6	S10062	Block, Threaded Tensioner End	Available in assemblies only.	1
7	P05060	Fitting, 1/4-28 Grease		1
	A12294-518	Instruction Sheet, Tensioner Screw		1
8	F05006-43	Bolt, 5/16-18 X 7 1/2" Hex Head Grade 5		4
9	S10060	Piston, Hydraulic Tensioner Front 2 3/4" Long		1
10	S10061	Block, Piston Guide		1
	003224	Seal Kit, Hydraulic Tensioner		1
5	P02720	Ball, 1/2" Steel		1
11	P10051	Seal, 1" Diameter		2
12	P10053	Wiper, 1" Diameter		1
13	P10377	Ring, 5/8" X 3/32" Square "O"		1
14	S10140	Block, Hydraulic Tensioner Gauge Mounting		1
15	P10052	Gauge, 3000 P.S.I. Hydraulic		1
16	P10065	Plug, Hydraulic Tensioner Fill		1
	016329	Block Assembly, Rear Tensioner Piston		1

3 **Blade Wheels & Tensioner**
Hydraulic Blade Tensioner Assembly

REF	PART #	DESCRIPTION	COMMENTS	QTY.
17	S10142	Block, Rear Tensioner Piston	Available in assemblies only.	1
18	P10065	Plug, Hydraulic Tensioner Fill		1
19	S10059	Piston, Hydraulic Tensioner Rear 3 5/8" Long		1
20	S10089	Block, Rear Piston End		1
21	F05004-43	Bolt, #10-24 X 1" Socket Button Head		4
22	F05006-28	Bolt, 5/16-18 X 2 3/4" Hex Head Grade 5		4
23	P10147	Decal, Hydraulic Tension Caution		1
	A10136-272	Instruction Sheet, Hydraulic Tensioner Installation		1

SECTION 4 SAW HEAD FRAME

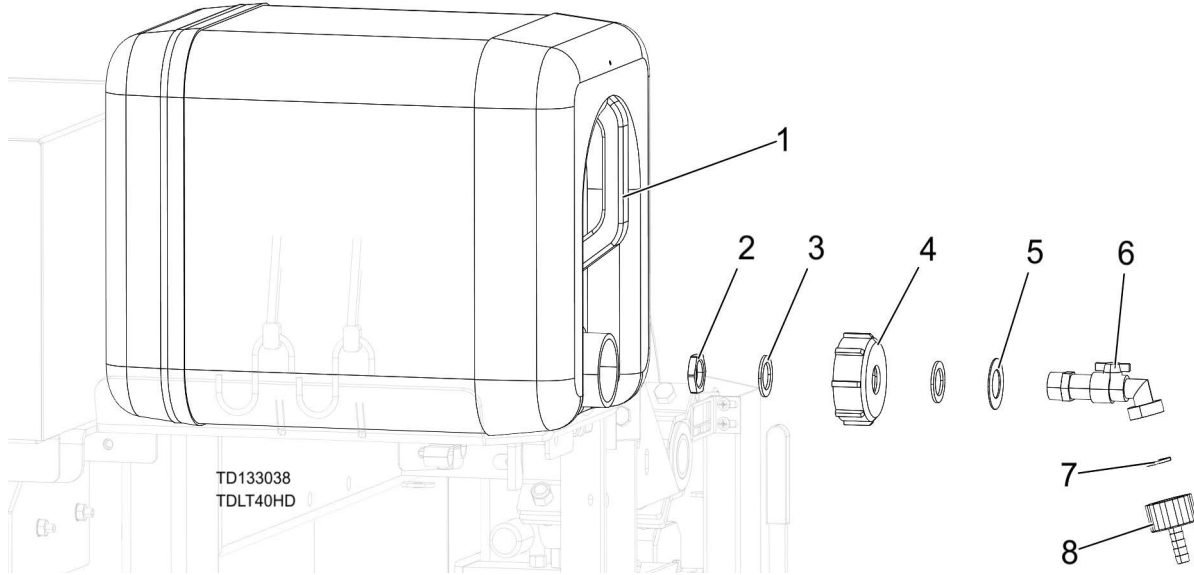
4.1 Middle Throat Screw



REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	F05007-18	SCREW, 3/8-16 X 1 1/4" OVAL POINT SOCKET SET		1
2	F05010-29	NUT, 3/8-16 HEX JAM		1

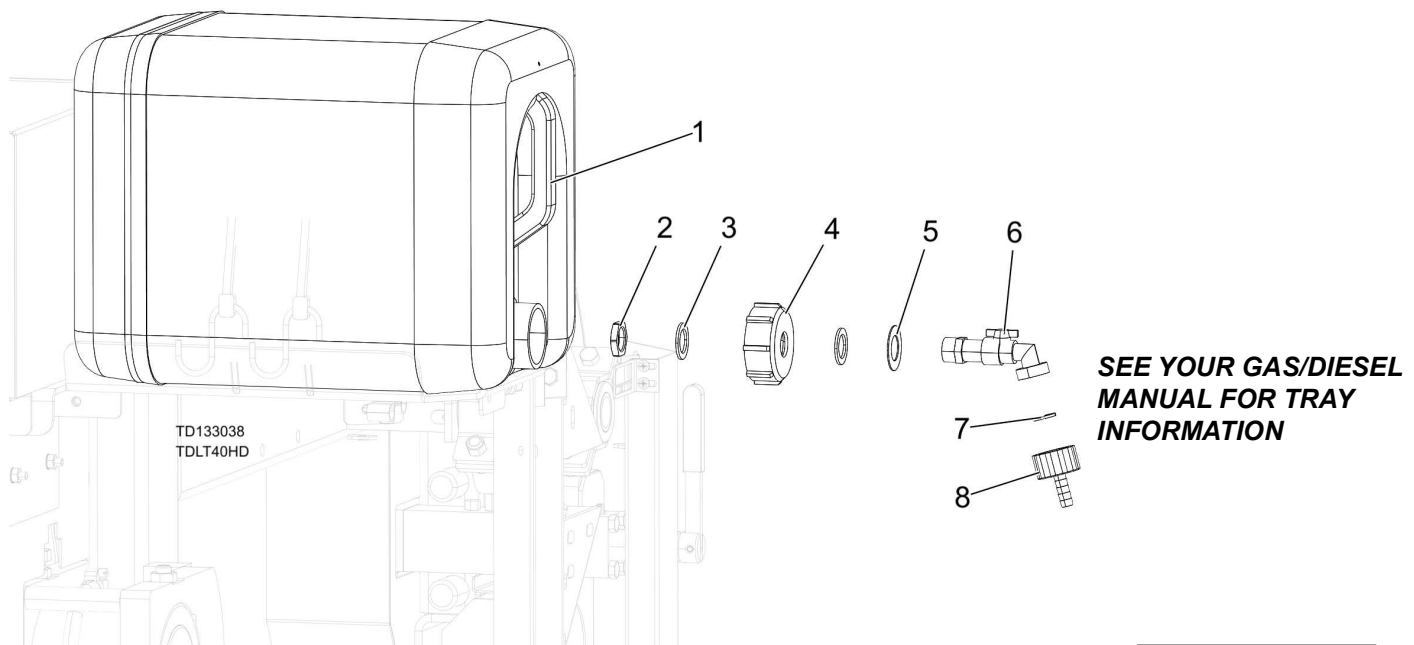
4.2 Water Lube Assembly (2024-Present)

Used on all trays



REF	PART #	DESCRIPTION	COMMENTS	QTY.
	550787	Assembly, Water Bottle		1
1	513866	Bottle, Water		1
2	550779	Gland Nut, 1/2 NPT		1
3	550780	O-ring, 27x20x1.5		2
4	550785	Cap, Water Bottle		1
5	530841	Shim, 21/37-1		1
6	550776	Fitting, Water Lube Shutoff Valve		1
7	550778	Gasket, 1/2 (Batard)		1
8	550777	Fitting, G3/4" X 10mm Hose Barb		1

4.3 Water Lube Assembly (2019-2024, Used on all trays)

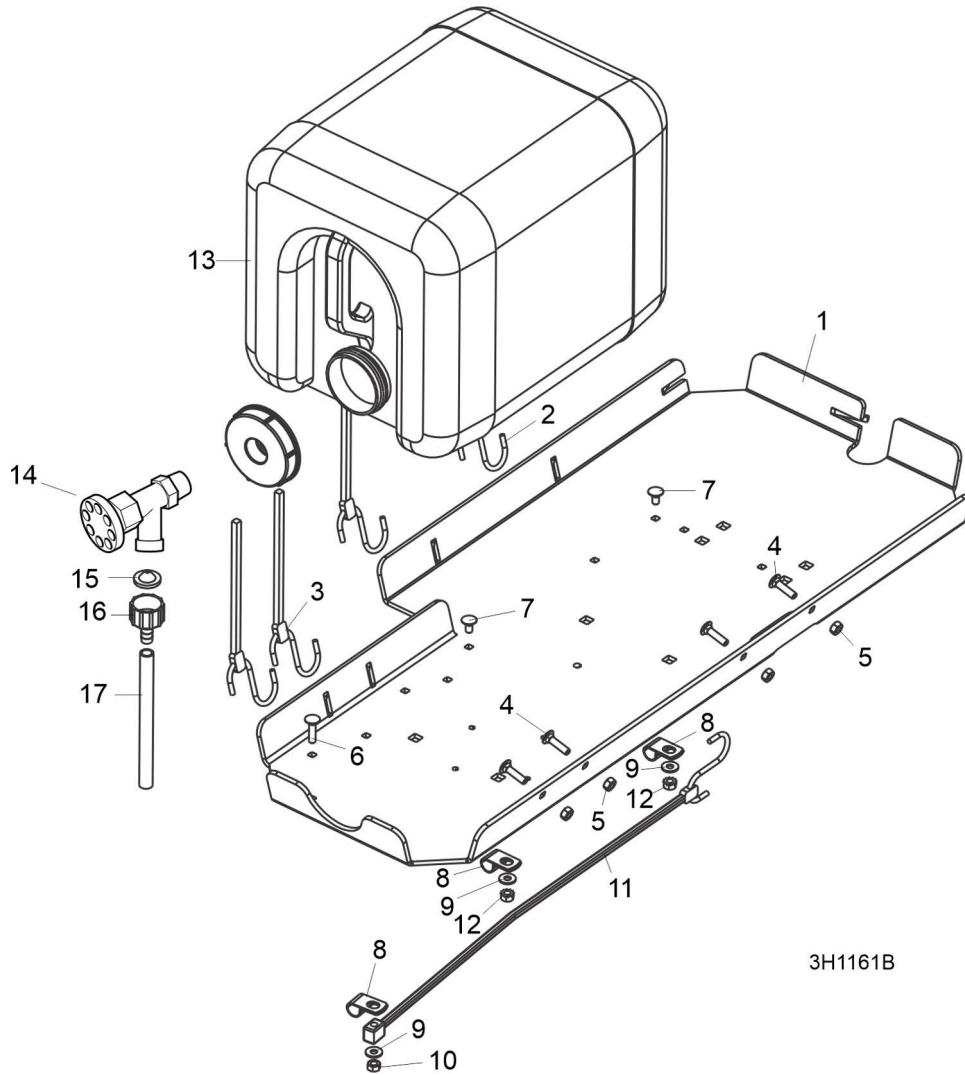


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MANUAL FOR TRAY
INFORMATION**

REF	PART #	DESCRIPTION	COMMENTS	QTY.
	550787	Assembly, Water Bottle		1
1	513866	Bottle, Water		1
2	550779	Gland Nut, 1/2 NPT		1
3	550780	O-Ring, 27x20x1.5		2
4	550785	Cap, Water Bottle		1
5	530841	Shim, 21/37-1		1
6	550776	Fitting, Water Lube SHutoff Valve		1
7	550778	Gasket, 1/2 (Batard)		1
8	550777	Fitting, G3/4" x 10mm Hose Barb		1
	110731	Bottle Kit, 5 Gallon Water	Replaced by 550787 after 1/29/2024 per ECN 39290.	1
	014642	Bottle Assembly, Water Lube w/Cap	Service parts	1
	061372	O-ring, Water Bottle Cap	If the cap leaks, add this o-ring to the cap, leaving the existing o-ring installed.	1
	014636	Fitting, 3/4 FPT x 3/4 MPT	Deleted after 9/19/2022 per ECN 38718.	1
	133320	Valve, 3/4 NPT Elbow 3/4 Male GHT Outlet	Replaced 014100 after 9/16/2022 per ECN 38718.	1
	014100	Valve, 3/4 NPT Elbow 3/4 Male GHT Outlet		1
	016086	Filter, Water Lube	Service parts	1
	014113	Fitting, 5/8" NPT to 3/8" Hose Barb	Service parts	1
	R01885	Tubing, Water Lube 3/8" I.D.	Not Shown	7 ft.
	CBOTTLE	Cover, 5 gal. Water Bottle	OPTIONAL -- Not Shown	1

4.4 Water Lube/Fuel Tray Assembly (2015, Gas Only)

LT40 Prior to K4.06-K4.08
 LT40 Super Rev. J7.16-J7.17
 LT40HD Rev. K6.07-K6.09
 LT40HD Super Rev. K3.15-K3.17
 LT50HD Rev. A5.15-A5.17

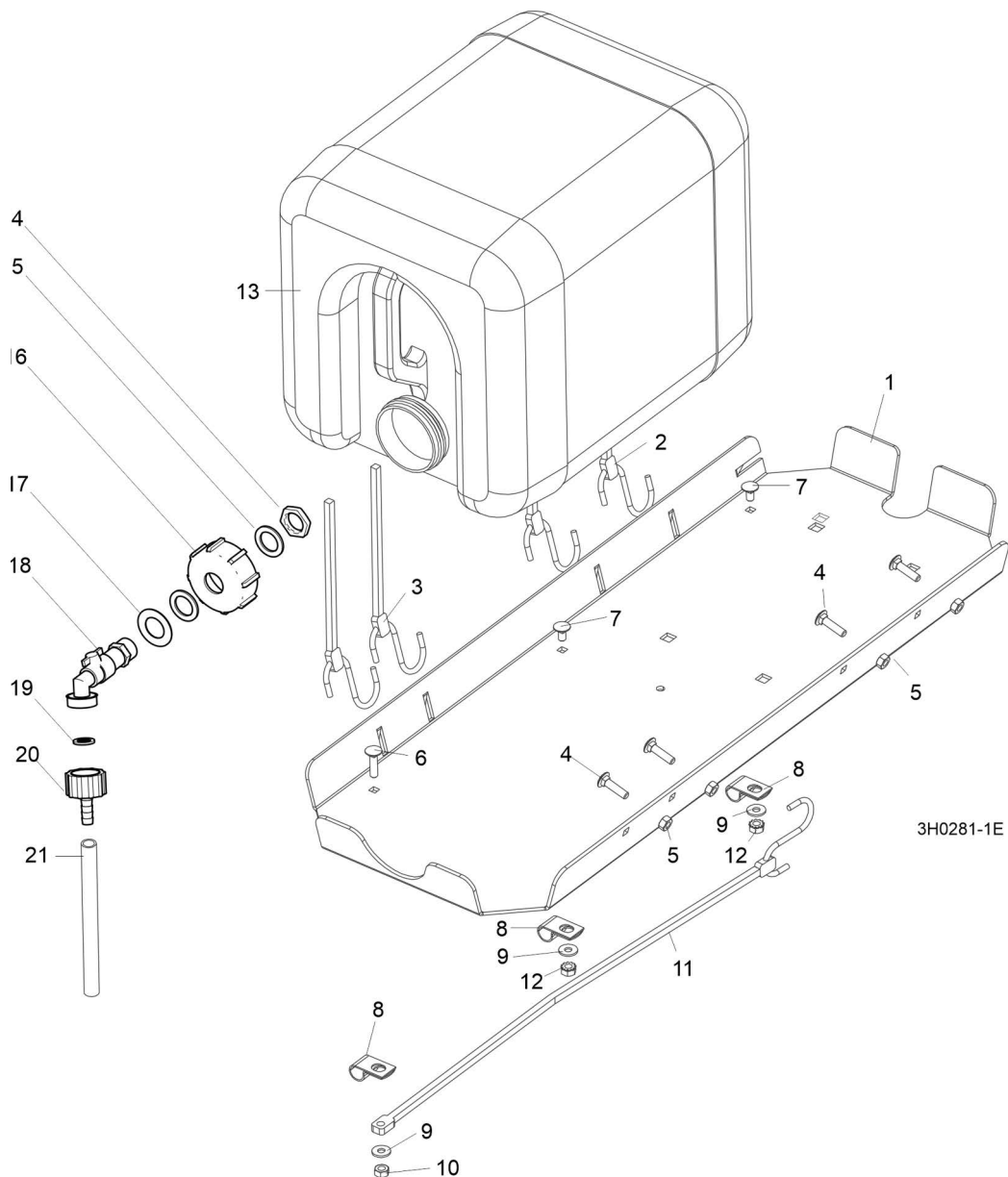


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REF	PART #	DESCRIPTION	COMMENTS	QTY.
	076482	Tray Assembly, 5-gallon Gas Tank/water Bottle	Replaced A11685 Fuel Tank/Water Bottle Tray Assembly (See Section 4.8) to accommodate new gas tank meeting regulation standards (LT40 Rev. K4.06LT40Super Rev. J7.16LT40HD Rev. K6.07LT40HD Super Rev. K3.15LT50 Rev. A5.15).	1
1	076484	Tray, Fuel Tank/Water Bottle		1
2	P11668	Strap, 20" Rubber		2
3	P11668	Strap, 20" Rubber		2
4	F05005-34	Bolt, 1/4-20 X 1" Carriage Head		4

REF	PART #	DESCRIPTION	COMMENTS	QTY.
5	F05010-21	Nut, 1/4-20 Hex Lock		4
6	F05005-34	Bolt, 1/4-20 X 1" Carriage Head		1
7	F05005-33	Bolt, 1/4-20 X 1/2" Carriage Head		2
8	P07584	Clamp, 1/2" Emt Hose		3
9	F05011-11	Washer, 1/4" Sae Flat		3
10	F05010-21	Nut, 1/4-20 Hex Lock		1
11	P07461	Strap, 15" Rubber		1
12	F05010-9	Nut, 1/4-20 Self-locking		2
13	014642	Bottle Assembly, Water Lube W/cap	Separate from tray	1
	061372	O-ring, Water Bottle Cap	If the water bottle cap keeps leaking, add this o-ring to the cap. Leave the existing o-ring installed.	1
	014636	Fitting, 3/4fpt X 3/4mpt	Deleted after 9/19/2024 per ECN 38718.	1
14	133320	Valve, 3/4 NPT Elbow 3/4 Male GHT Outlet	Replaced 014100 after 9/19/2022 per ECN 38718.	1
	014100	Fitting, Water Lube Shutoff Valve		1
15	016086	Filter, Water Lube		1
16	014113	Fitting, 5/8" Npt To 3/8" Hose Barb		1
17	R01885	Tubing, Water Lube 3/8" I.d.		7 ft.
	CBOTTLE	Cover, 5 Gal. Water Bottle Optional (Not Shown)		1

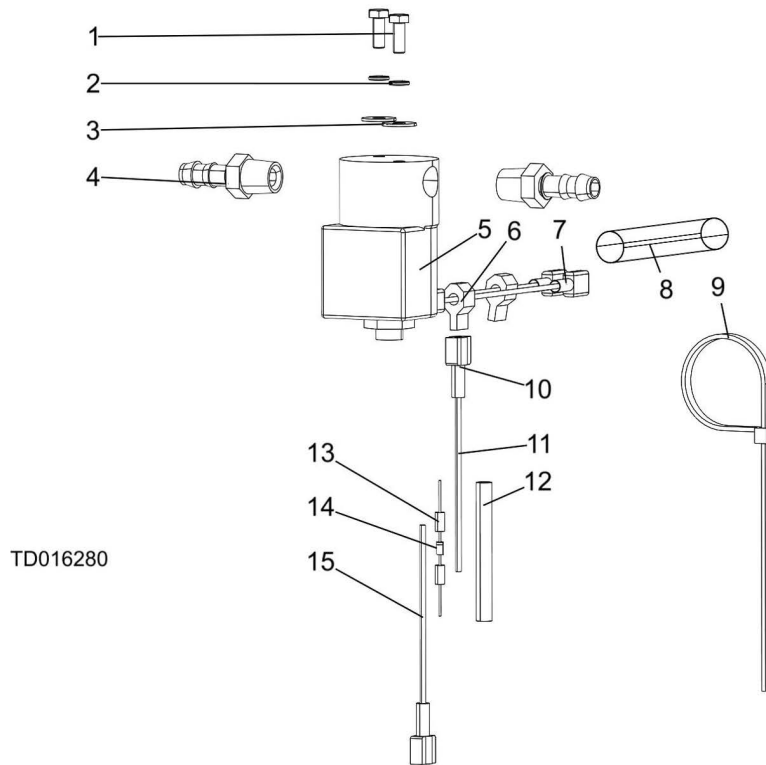
4.5 Water Lube Assembly (All prior to 2015 - Electric Only after 2015)



REF	PART #	DESCRIPTION	COMMENTS	QTY.
	A11685	TRAY ASSEMBLY, FUEL TANK/WATER BOTTLE		1
1	S11684	Tray, Fuel Tank/Water Bottle		1
2	P11258	Strap, 24" Rubber (For Fuel Tank - See Engine Manual)		2
3	P11668	Strap, 20" Rubber		2
4	F05005-34	Bolt, 1/4-20 X 1" Carriage Head		4
5	F05010-21	Nut, 1/4-20 Hex Lock		4
6	F05005-34	BOLT, 1/4-20 X 1" CARRIAGE HEAD		1
7	F05005-33	BOLT, 1/4-20 X 1/2" CARRIAGE HEAD		2
8	P07584	CLAMP, 1/2" EMT HOSE		3
9	F05011-11	WASHER, 1/4" SAE FLAT		3

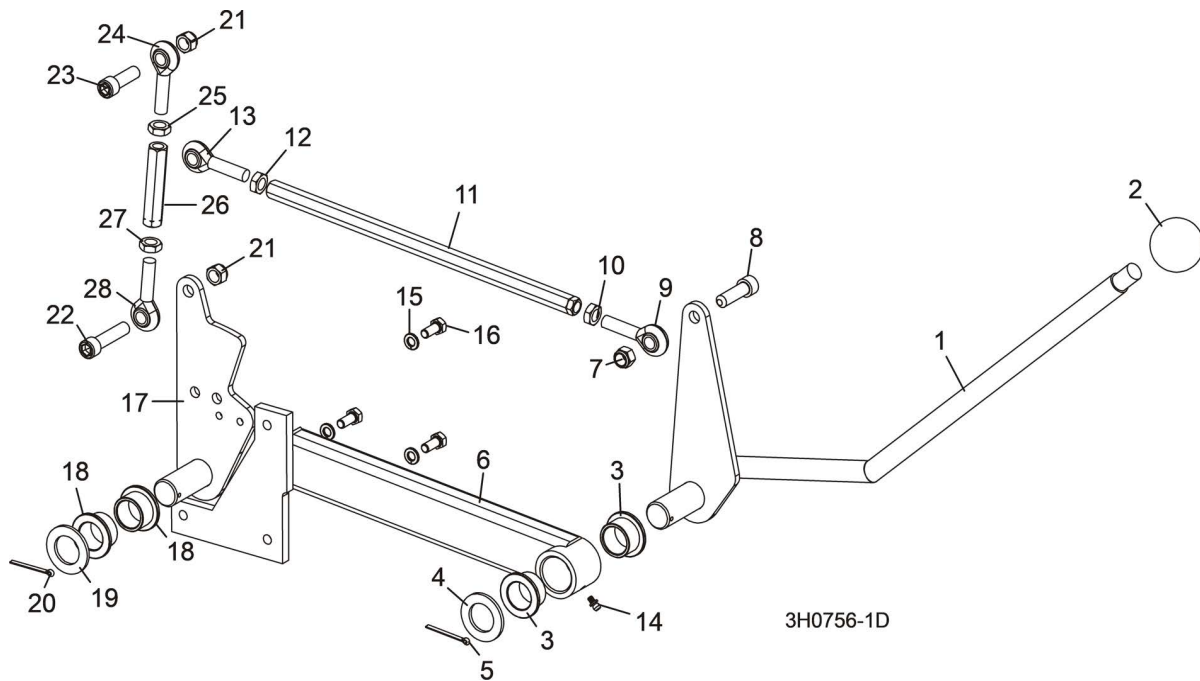
REF	PART #	DESCRIPTION	COMMENTS	QTY.
10	F05010-21	NUT, 1/4-20 HEX LOCK		1
11	P07461	STRAP, 15" RUBBER		1
12	F05010-9	NUT, 1/4-20 SELF-LOCKING		2
	550787	Assembly, Water Bottle	Replaced 014642, 061372, 133320 & 014113 after 1/29/2024 per ECN 39290.	1
13	513866	Bottle, Water		1
14	550779	Gland Nut, 1/2 NPT		1
15	550780	O-Ring, 27x20x1.5		1
16	550785	Cap, Water Bottle		1
17	530841	Shim, 21/37-1		1
18	550776	Fitting, Water Lube Shutoff Valve		1
19	550778	Gasket, 1/2(Batard)		1
20	550777	Fitting, G3/4" x 10mm Hose Barb		1
	014642	BOTTLE ASSEMBLY, WATER LUBE W/CAP		1
	061372	O-ring, Water Bottle Cap	If the water bottle cap keeps leaking, add this o-ring to the cap. Leave the existing o-ring installed.	1
	014636	FITTING, 3/4FPT X 3/4MPT	Deleted after 9/19/2022 per ECN 38718.	1
	133320	Valve, 3/4 NPT Elbow 3/4 Male GHT Outlet	Replaced 014100 after 9/19/2022 per ECN 38718.	1
	014100	FITTING, WATER LUBE SHUTOFF VALVE		1
	016086	FILTER, WATER LUBE	Filter recommended for LT50-Super models to prevent debris from entering water lube solenoid valve.	1
	014113	FITTING, 5/8" NPT TO 3/8" HOSE BARB	No longer available	1
21	R01885	TUBING, WATER LUBE 3/8" I.D.		7 ft.

4.6 Water Lube Solenoid Valve



REF	PART #	DESCRIPTION	COMMENTS	QTY.
	016280	Solenoid Valve, Water Lube Kit		1
1	F05004-60	Bolt, #10-32x1/2 HH		2
2	F05011-20	Washer, #10 Split Lock		2
3	F05011-18	Washer, #10 SAE Flat		2
4	P04682	Fitting, 3/8 Barb 1/4NPT Male		2
	133071	Assy, Water Lube Solenoid Electrical		1
5	016140	Solenoid Valve, 2-Way NC 1/4 Port 12 VDC		1
6	F04875-13	Connector, TT-Tap 14-16Awg		2
7	F05708-21R	Terminal, 1/4 18-22Ga Quick Female FI		2
8	R02374	Conduit, 1/2" Flex Loom		1
9	F05089-3	Tie Wrap, 3/16x5 1/2 UV Blk		1
	024123	Diode Assy, Inductive Kick Protection		1
10	F05708-22R	Terminal, 1/4 18-22 Ga Qk Male FI Reel		2
11	R01915-3_3	Wire, 18AWG Stranded Red GXL		1
12	R01950-4_2_14	Tubing, 1/4" IDx2.25 Heat Shrink		1
13	024032	Conn, 14-16 AWG Parallel Splice		2
14	E05909	DIODE, 1N4003		1
15	R01915-0_3	Wire, 18AWG Stranded Black		1

4.7 Clutch/Brake Lever Assembly (D35/D36)

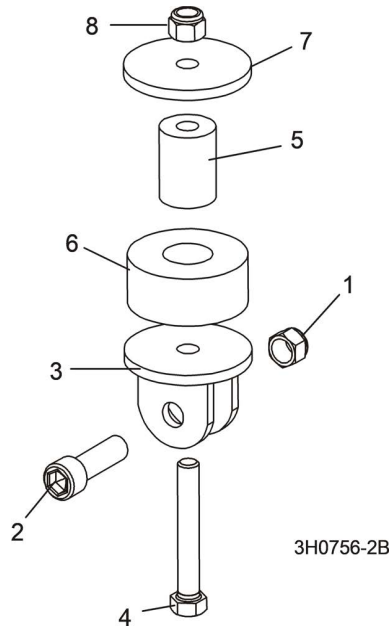


REF	PART #	DESCRIPTION	COMMENTS	QTY.
	016317	HANDLE ASSEMBLY, EXTENDED CLUTCH/BRAKE		1
1	016295	Lever, Clutch/Brake	Available in assemblies only.	1
2	P04211	Knob, Plastic Round		1
3	P737	Bushing, Clutch/Brake Pivot		2
4	P116	Washer, Clutch/Brake Pivot		1
5	F05012-49	Pin, 1/8" X 1 1/2" Cotter		1
6	015241	Extension Weldment, Clutch Handle		1
7	F05010-83	Nut, 7/16-20 Nylon Lock		1
8	F05007-55	Screw, 7/16-20 x 1 1/2" Socket Head		1
9	P11578	Rod End, 7/16-20 Left Hand Thread		1
10	F05010-87	Nut, 7/16-20 Hex Jam Left Hand Thread		1
11	015073	Rod, Clutch Extension		1
12	F05010-38	Nut, 7/16-20 Hex Jam		1
13	P11579	Rod End, 7/16-20 Right Hand Thread		1
14	P04107	Fitting, 3/16" Straight Grease		1
15	F05011-13	WASHER, 5/16" SPLIT LOCK		3
16	F05006-5	BOLT, 5/16-18 X 3/4" HEX HEAD		3
17	016296	PLATE WELDMENT, CLUTCH PIVOT		1
18	P737	BUSHING, CLUTCH/BRAKE PIVOT		2
19	P116	WASHER, CLUTCH/BRAKE PIVOT		1
20	F05012-49	PIN, 1/8" X 1 1/2" COTTER		1
21	F05010-83	NUT, 7/16-20 HEX NYLON LOCK		2
22	F05007-120	BOLT, 7/16-20 X 2" SOCKET HEAD		1
23	F05007-55	BOLT, 7/16-20 X 1 1/2" SOCKET HEAD		1
	A11576	TURNBUCKLE ASSEMBLY, 3 1/2" CLUTCH/BRAKE LEVER		1
24	P11579	Rod End, 7/16-20 Right Hand Thread		1

4**Saw Head***Clutch/Brake Lever Assembly (D35/D36)*

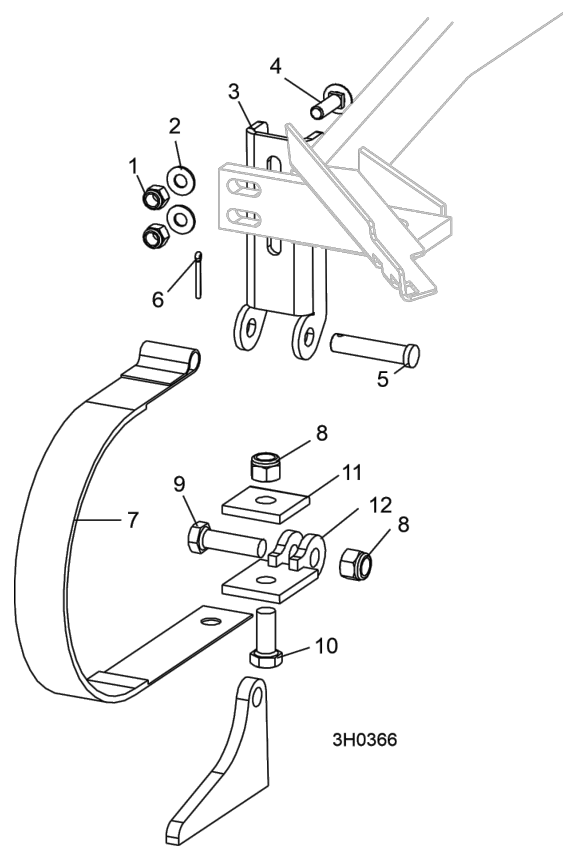
REF	PART #	DESCRIPTION	COMMENTS	QTY.
25	F05010-38	Nut, 7/16-20 Hex Jam		1
26	S12262	Turnbuckle, 3 1/2" Clutch/Brake Lever	Available in assemblies only.	1
27	F05010-87	Nut, 7/16-20 Hex Jam Left Hand Thread		1
28	P11578	Rod End, 7/16-20 Left Hand Thread		1

4.8 Clutch Mount Assembly



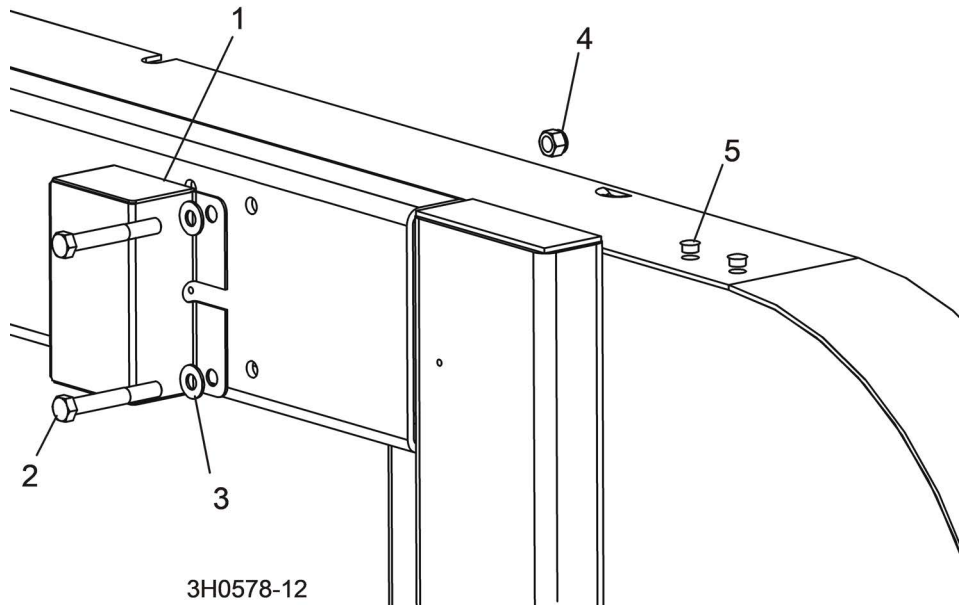
REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	F05010-83	NUT, 7/16-20 HEX NYLON LOCK		1
2	F05007-55	BOLT, 7/16-20 X 1 1/2" SOCKET HEAD		1
3	W12411	BRACKET, CLUTCH MOUNT		1
4	F05007-157	BOLT, 3/8-16 X 2 1/2" HEX HEAD		1
5	016316	SPACER, MOTOR MOUNT VIBRATION BUSHING		1
6	P05032	BUSHING, MOTOR MOUNT VIBRATION		1
7	021276	WASHER, .40" I.D. X 1.44" O.D. X .18" THICK		1
8	F05010-10	NUT, 3/8-16 NYLON LOCK		1

4.9 Brake Assembly



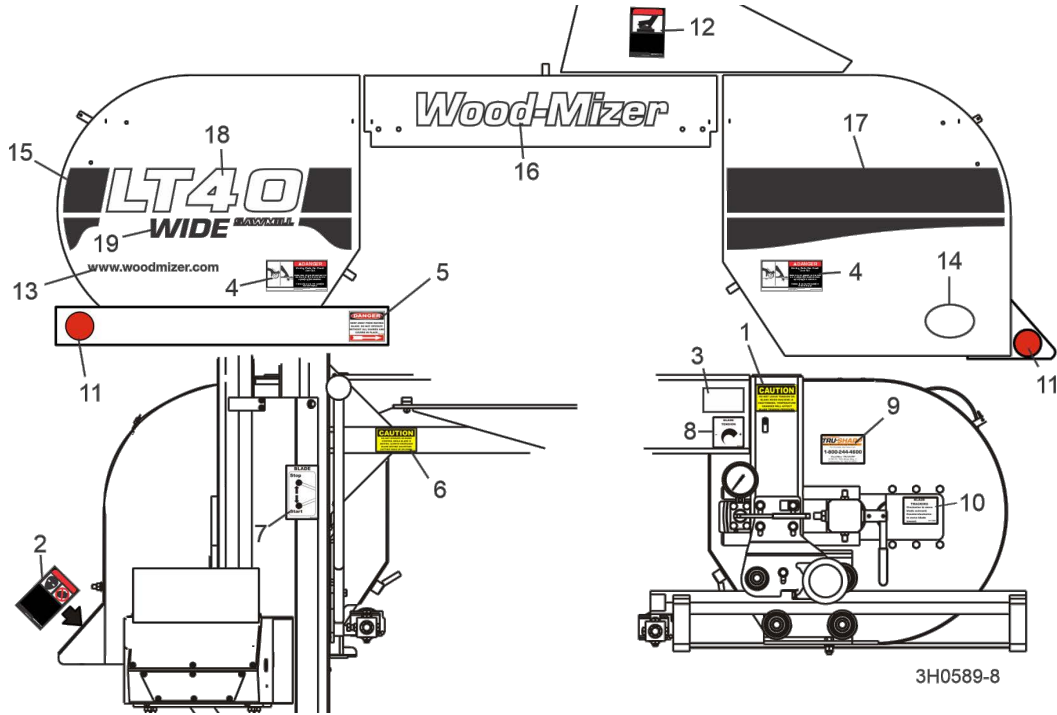
REF	PART #	DESCRIPTION	COMMENTS	QTY.
	014441	STRAP RETROFIT, SUPER BRAKE		1
1	F05010-10	Nut, 3/8-16 Nylon Lock		2
2	F05011-3	Washer, 3/8" SAE Flat		2
3	014395	Bracket, Upper Super Brake Strap Mount		1
4	F05007-127	Bolt, 3/8-16 x 1 1/4" Carriage Head Grade 5		2
5	F05012-81	Pin, 1/2" x 2 1/4" Clevis		1
6	F05012-1	Pin, 1/8" x 1" Cotter		1
7	014391	Strap, Upper Pivot Metal Brake		1
8	F05010-8	Nut, 1/2-13 Nylon Lock		2
9	F05008-88	Bolt, 1/2-13 x 1 3/4" Hex Head Grade 5		1
10	F05008-37	Bolt, 1/2-13 x 1 1/4" Hex Head Grade 5		1
11	S04195	Plate, Brake Strap Clamp		1
12	014392	Bracket, Lower Super Brake Strap Mount		1

4.10 Wire Box/Hole Plugs



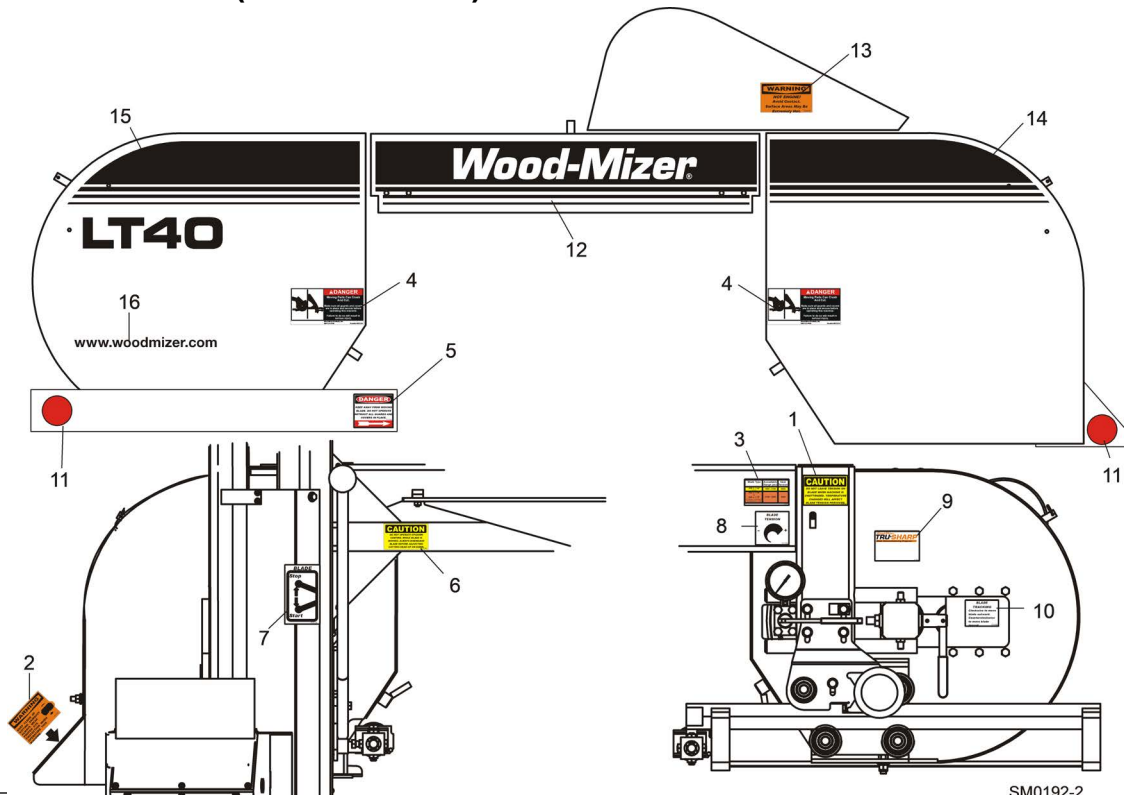
REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	023616	Box, Wire Storage	Accesses debarker wiring	1
2	F05007-29	Bolt, 3/8-16 x 2 3/4" Hex Head		2
3	F05011-3	Washer, 3/8" SAE Flat		2
4	F05010-10	Nut, 3/8-16 Hex Nylon Lock		2
5	014537	Plug, 13/32" Plastic Hole		2

4.11 Saw Head Decals (After 11/15/2010)



REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	P10147	DECAL, BLADE TENSION CAUTION		1
2	P11754	DECAL, SAWDUST CHUTE WARNING		1
3	P12373	DECAL, BLADE TENSION RANGES		1
4	033254	DECAL, BLADE COVERS DANGER		2
5	S11752	DECAL, BLADE DANGER ARROW RIGHT		1
6	S11762	DECAL, UP/DOWN CAUTION		1
7	P11779	DECAL, BLADE START/STOP		1
8	P11790	DECAL, BLADE TENSION INFO		1
9	P12879	DECAL, TRU-SHARP INFO		1
10	P11789	DECAL, BLADE ALIGNMENT INFO		1
11	P07452	DECAL, RED REFLECTIVE 2" ROUND		2
12	014419	DECAL, HOT ENGINE WARNING		1
13	003235	DECAL, WOOD-MIZER WEBSITE		1
14	065582	DECAL, 30 YEAR LOGO		1
15	065023	DECAL, LT40 IDLE SIDE BLACK EURO STRIPE		1
16	065025	DECAL, LT40/50 WHITE WOOD-MIZER LOGO		1
17	065026	DECAL, LT40/50 DRIVE SIDE BLACK EURO STRIPE		1
18	065024	DECAL, LT40 WHITE EURO LOGO		1
19	074335	DECAL, LT15/70 WIDE LOGO	(WIDE HEAD ONLY)	1

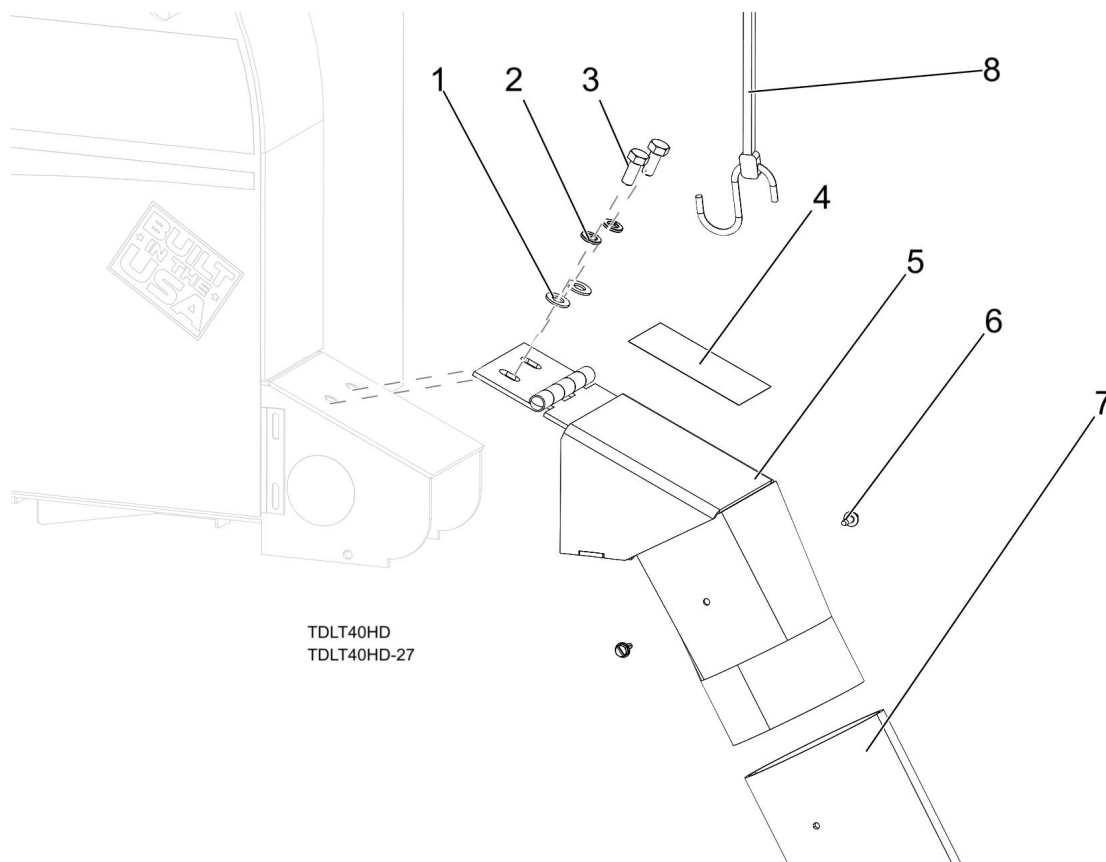
4.12 Saw Head Decals (Prior to 2010)



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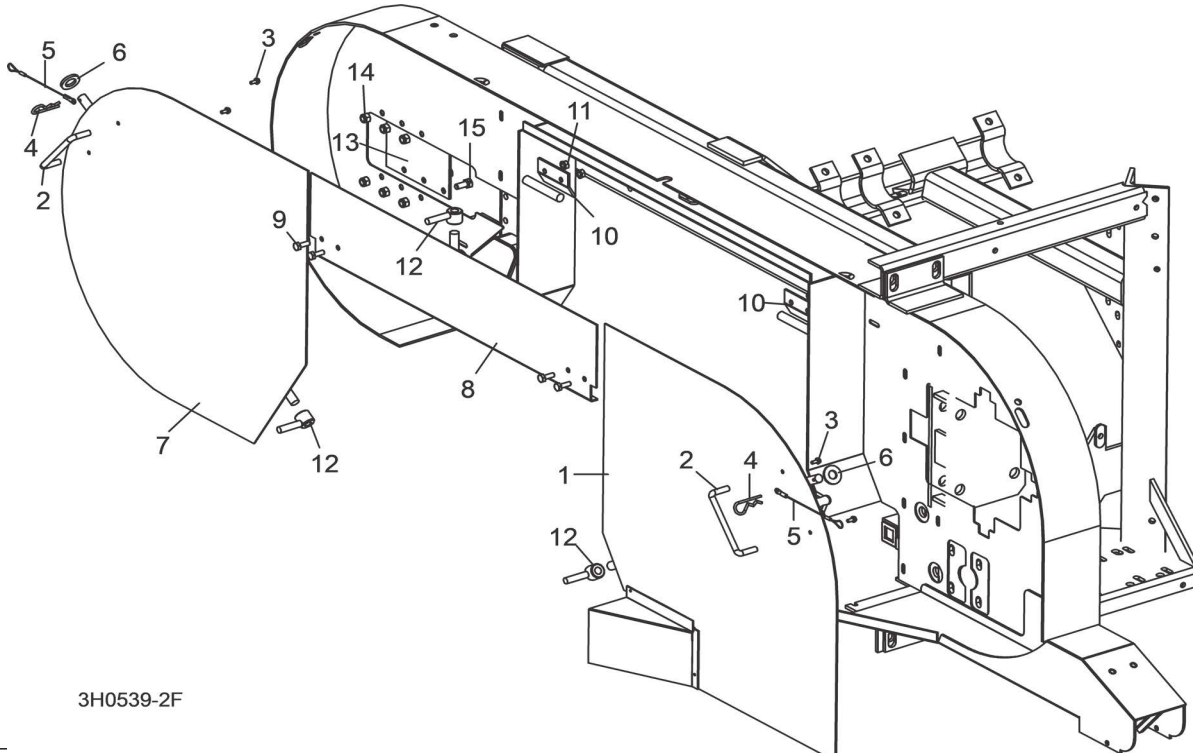
REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	P10147	DECAL, BLADE TENSION CAUTION		1
2	P11754	DECAL, SAWDUST CHUTE WARNING		1
3	P12373	DECAL, BLADE TENSION RANGES		1
4	033254	DECAL, BLADE COVERS DANGER		2
5	S11752	DECAL, BLADE DANGER ARROW RIGHT		1
6	S11762	DECAL, UP/DOWN CAUTION		1
7	P11779	DECAL, BLADE START/STOP		1
8	P11790	DECAL, BLADE TENSION INFO		1
9	P12879	DECAL, TRU-SHARP INFO		1
10	P11789	DECAL, BLADE ALIGNMENT INFO		1
11	P07452	DECAL, RED REFLECTIVE 2" ROUND		2
12	003244	DECAL, MIDDLE COVER		1
13	014419	DECAL, HOT ENGINE WARNING		1
14	003243	DECAL, BLADE HOUSING COVER (DRIVE SIDE)		1
15	003245	DECAL, BLADE HOUSING COVER (IDLE SIDE LT30)		1
	003246	DECAL, BLADE HOUSING COVER (IDLE SIDE LT40)		1
16	003235	DECAL, WOOD-MIZER WEBSITE		1

4.13 Sawdust Chute



REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	F05011-17	Washer, 5/16 SAE Flat		2
2	F05011-13	Washer, 5/16 Split Lock		2
3	F05006-5	Bolt, 5/16-18x3/4 HH Gr2		2
4	P11754	Decal, Sawdust Chute Warning		1
5	015466	Chute Weldment, 97 Sawdust		1
6	F05015-7	Bolt, #10-24x1/2 Self Tap		2
7	016727	Chute, Rubber Sawdust		1
8	P11668	Strap, 20 Rubber W/Hook	Located on fuel tray - used for transporting the chute	1

4.14 Blade Housing Covers



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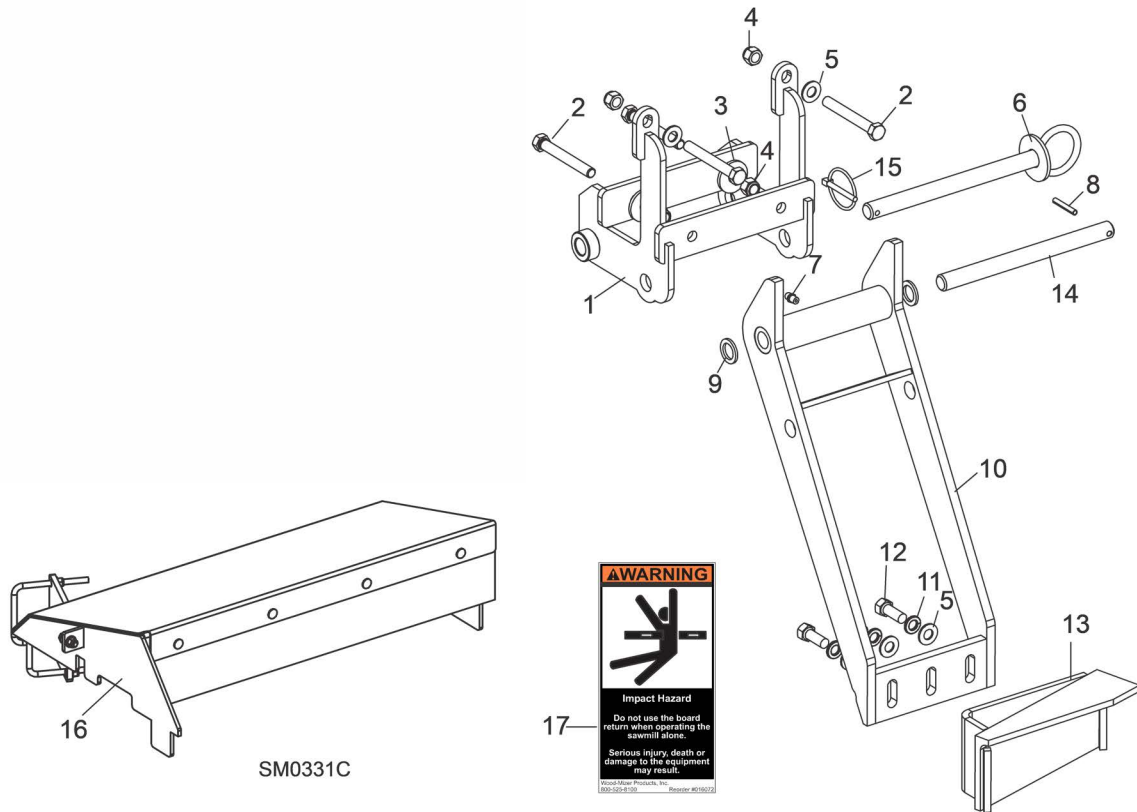
REF	PART #	DESCRIPTION	COMMENTS	QTY.
	015937	Cover Assembly, Drive Side Blade Housing With Handle	Removed (1) 015734 Sawdust Exit Funnel and (7) F04203-8 1/8" x 1/8" Pop Rivet (LT40 Rev. K4.06LT40Super Rev. J7.16LT40HD Rev. K6.07LT40HD Super Rev. K3.15LT50 Rev. A5.15).	1
1	015911	Cover, Drive Side Blade Housing	Available in assemblies only. (Includes Decal 003235)	1
2	P08065	Handle, Blade Housing Cover		1
3	F05015-8	Screw, #8-32 X 3/8" Self-Tap		2
	A12812	Pin Assembly, Cover Retainer	Service assembly	1
4	P05059	Pin, Safety Retainer		1
5	016030	Cable, 3/64" x 6" Lanyard		1
6	F05011-87	Washer, 1/2" ID x 1 1/8" OD x .093" Rubber		1
	A09419	Cover, Idle Side Blade Housing With Handle		1
7	W09351	Cover, Idle Side Blade Housing	Available in assemblies only. (Includes Decal 003235)	1
	P08065	Handle, Blade Housing Cover	See items 2-6	1
	F05015-8	Screw, #8-32 X 3/8" Self-Tap		2
	A12812	Pin Assembly, Cover Retainer	Service assembly	1
	P05059	Pin, Safety Retainer		1
	016030	Cable, 3/64" x 6" Lanyard		1
	F05011-87	Washer, 1/2" ID x 1 1/8" OD x .093" Rubber		1
8	016247	Cover, Middle Blade Housing		1
	079509	Cover, Middle Blade Housing	(Wide Head Only)	1
9	F05005-1	Bolt, 1/4-20 X 3/4" Hex Head		18
10	S07522	Hinge, Middle Blade Housing Cover		2
11	F05010-9	Nut, 1/4-20 Self-Locking Hex		4

4 Saw Head
Blade Housing Covers

REF	PART #	DESCRIPTION	COMMENTS	QTY.
12	021145	Nut, Cover Turn		3
13	S04433	Plate, Idle Blade Wheel Guard		1
14	F05010-58	Nut, 5/16-18 Hex Nylon Lock		6
15	F05006-5	Bolt, 5/16-18 X 3/4" Hex Head Grade 2		6

4.15 Drive Belt Covers

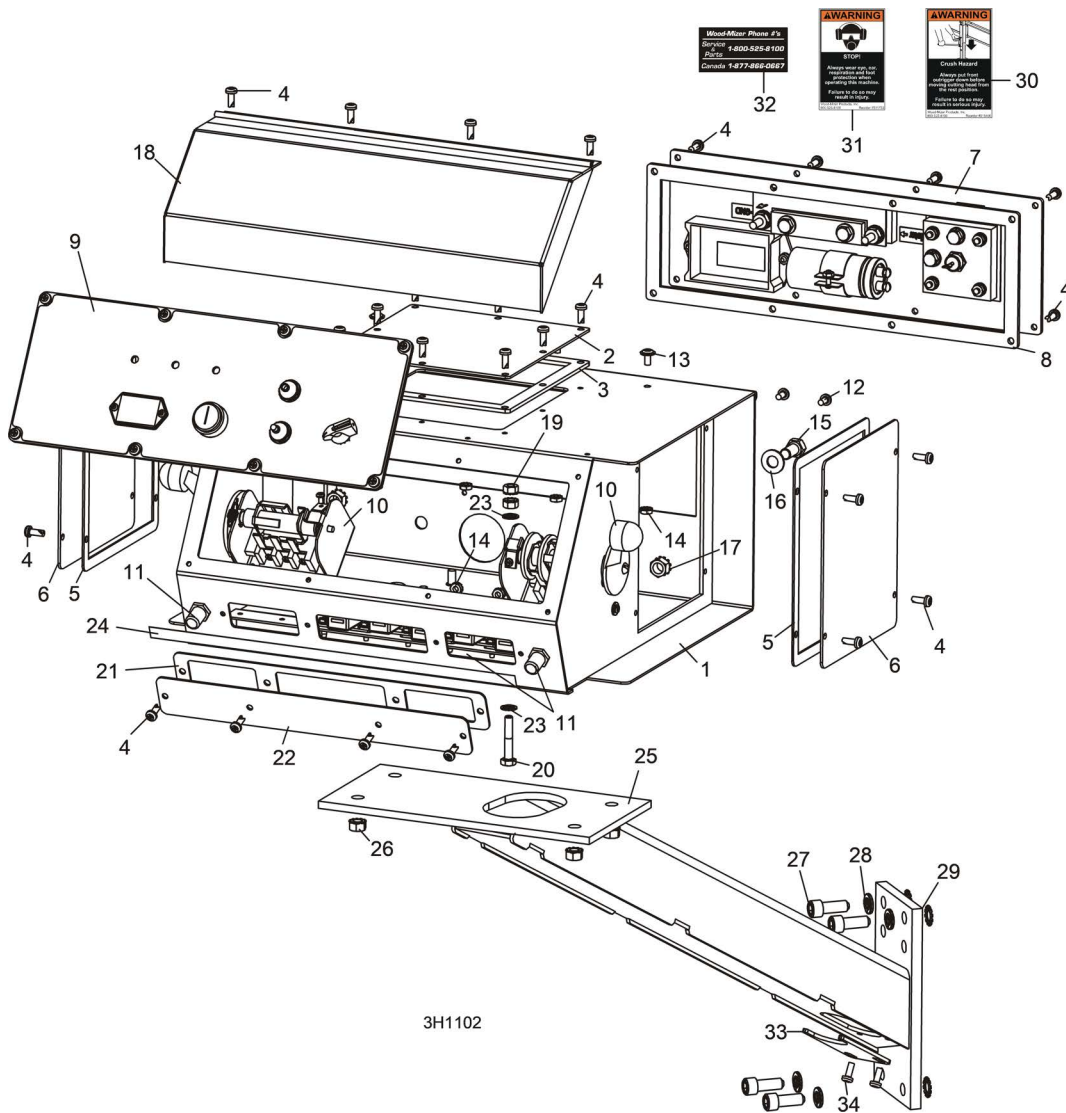
4.16 Board Return Assembly (Optional)



REF	PART #	DESCRIPTION	COMMENTS	QTY.
	MBR-A40	Return Option, Non-Super Board (AutoClutch, LT40)		1
	036693	Return Assembly, Optional Non-Super Board		1
1	036691	Mount Weldment, Board Return		1
2	F05007-1	Bolt, 3/8-16 x 3" Full Thread Hex Head		4
3	015336	Washer, 1/8" x 1 1/4"		2
4	F05010-10	Nut, 3/8-16 Hex Nylon Lock		4
5	F05011-3	Washer, 3/8" Flat		5
6	036692	Pin Weldment, Board Return Arm Support		1
7	P05060	Fitting, 1/4-28 Grease		1
8	F05012-16	Pin, 3/16 x 1 1/4" Roll		1
9	F05011-19	Washer, 5/8" x 15/16" x .094 Nylon		2
10	015210	Arm Weldment, Board Return		1
11	F05011-4	Washer, 3/8" Split		3
12	F05007-7	Bolt, 3/8-16 x 1" Hex Head		3
13	015652	Bracket Weldment, Board Return		1
14	015225	Rod, 5/8" x 7 5/8"		1
15	017604	Pin, 3/16" Retaining w/Chain		1
16	003264	Board Return Table Parts	(See Section 8.5)	1
17	016072	Decal, Board Return Warning		1

SECTION 5 CONTROL & BATTERY BOXES

5.1 Control Assembly (G26, G38, D35-International)

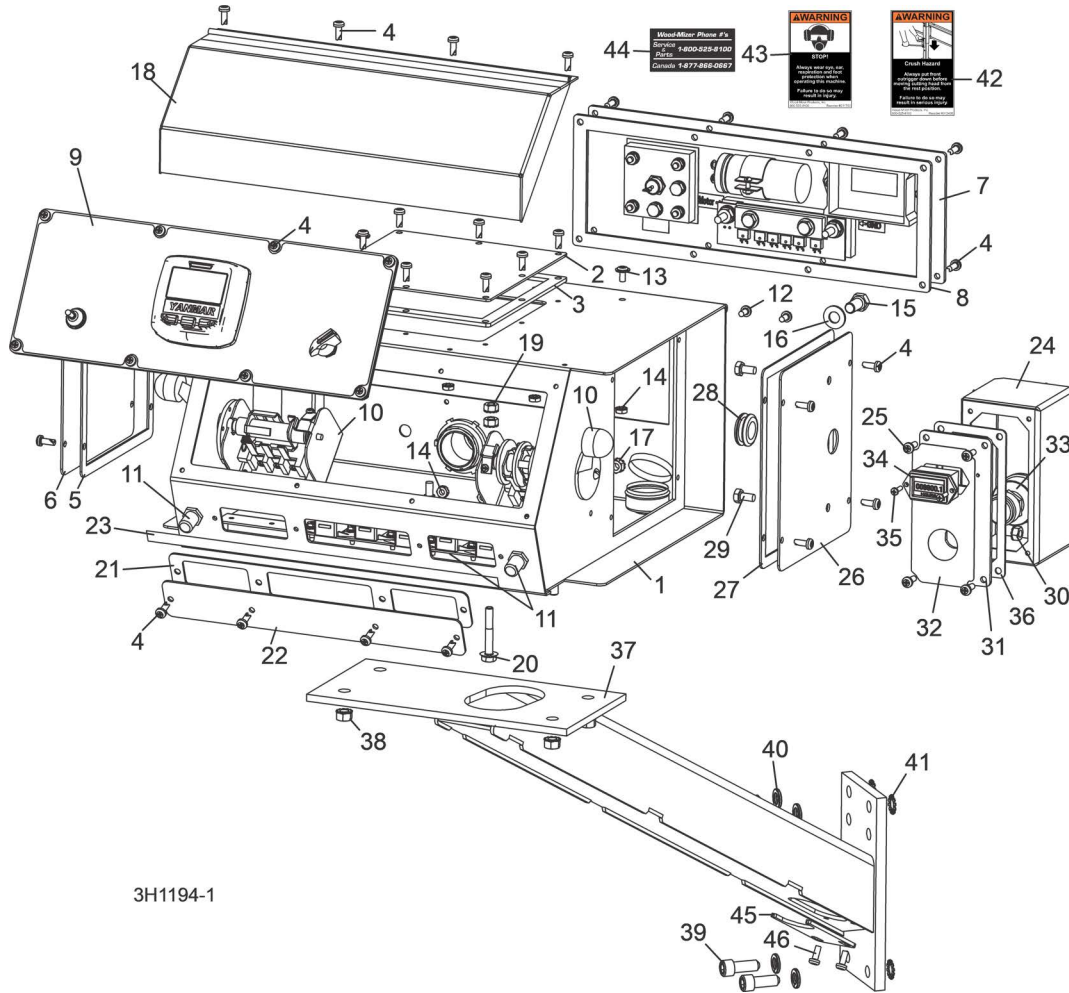


REF	PART #	DESCRIPTION	COMMENTS	QTY.
	015764	Cover, Console only 97+ w/Setworks	Optional	1
	036352	Cover, Sawmill Control Console w/Accuset	Optional	1
	069534	Operator Assy, LT40NR G26		1
	069320	Control Box Assembly, G28 (2010)		1
	069321	Control Box Assembly, D36		1
	073617	Operator Assy, LT40-Std G38 EFI		1
	069322	Operator Assy, LT40NR D35 (International Only)		1
1	016135	Box Weldment, Sawmill Control	Available in assemblies only.	1
2	065375	Plate, Control Box Access Cover		1
3	065376	Gasket, Control Box Access Cover		1
4	F05015-17	Screw, #10-24 x 1/2" Pan Head		32
5	015274	Gasket, Control Box Side Access		2
6	006473	Plate, Control Box Side Access		2
7	024458	Panel Assembly, Power Feed Control		1

5 Control & Battery Boxes
Control Assembly (G26, G38, D35-International)

REF	PART #	DESCRIPTION	COMMENTS	QTY.
	024396-1	Control Module, Power Feed SMT		1
	052294	Suppressor Assembly, Power Feed		1
	024387	Mosfet Module, Power Feed SMT		1
	051571	Capacitor Assembly, Power Feed Filter		1
	052363	Diode Assembly, Power Feed Replacement		1
8	015278	Gasket, Rear Access Panel		1
9	N/A	Front Control Panel & Wiring Harnesses	(See Section 5.4)	1
10	N/A	Drum Switches	(See Section 5.2)	1
11	N/A	Circuit Breakers	(See Section 5.3)	1
12	F05004-3	Screw, #10-24 x 3/8" Phillips Pan Head		2
13	F05004-148	Screw, #10-24 x 3/8" Phillips Pan Head Machine with Neo Washer		4
14	F05010-14	Nut, #10-24 Self Locking		6
15	F05007-27	Bolt, 3/8-16 x 3/4" Hex Head		2
16	F05011-3	Washer, 3/8" SAE Flat		2
17	F05010-19	Nut, 3/8" Self-Locking Hex		2
18	015304	Cover, Control Box Hinged		1
19	F05010-9	Nut, 1/4-20 Self Locking		2
20	F05005-181	Screw, 1/4-20 x 1 3/4" Flange Cap		1
21	015266	Gasket, Front Access Panel		1
22	015376	Panel, Control Box Front Access		1
23	F05011-69	Washer, 1/4" Internal Star Heavy Duty Lock		2
24	069349	Decal, Circuit Breaker ID		1
25	015236	Mount Weldment, Standard Control Box		1
26	F05010-20	Nut, 5/16-18 Self-Locking Hex		4
27	F05007-52	Bolt, 3/8-16 x 1" Socket Head		4
28	F05011-4	Washer, 3/8" Split Lock		4
29	F05011-36	Washer, 3/8" Exterior Star Lock		4
30	015400	Decal, Front Outrigger Warning		1
31	S11753	Decal, Ear/Eye Protection Warning		1
32	S12117	Decal, 800 Number		1
33	036381	Plate, Pedestal COver		1
34	F05015-17	Screw, #10-24 x 1/2" Pan Head		2

5.2 Control Assembly (D35, US only)



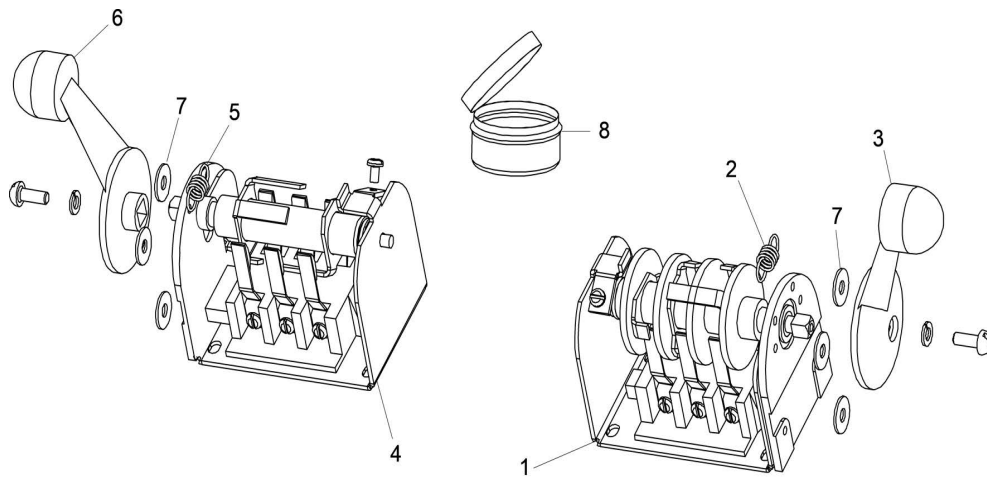
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REF	PART #	DESCRIPTION	COMMENTS	QTY.
	015764	Cover, Sawmill Control Console	Optional	1
	036352	Cover, Sawmill Control Console w/Accuset	Optional	1
	073608	Control Box Assembly, D35 Tier4		1
1	016135	Box Weldment, Sawmill Control	Available in assemblies only.	1
2	065375	Plate, Control Box Access Cover		1
3	065376	Gasket, Control Box Acces Cover		1
4	F05015-17	Screw, #10-24 x 1/2" Pan Head		32
5	015274	Gasket, Control Box Side Access		1
6	006473	Plate, Control Box Side Access		1
7	024458	Panel Assembly, Power Feed Control Kit		1
	024396-1	Control Module, Power Feed SMT		1
	052294	Suppressor Assembly, Power Feed		1
	024387	Mosfet Module, Power Feed SMT		1
	051571	Capacitor Assembly, Power Feed Filter		1
	052363	Diode Assembly, Power Feed Replacement		1
8	015278	Gasket, Rear Access Panel		1
9	N/A	Front Control Panel & Wiring Harnesses	(See Section 5.4)	1
10	N/A	Drum Switches	(See Section 5.2)	1

5 Control & Battery Boxes
Control Assembly (D35, US only)

REF	PART #	DESCRIPTION	COMMENTS	QTY.
11	N/A	Circuit Breakers	<i>(See Section 5.3)</i>	1
12	F05004-3	Screw, #10-24 x 3/8" Phillips Pan Head		2
13	F05004-148	Screw, #10-24 x 3/8" Phillips Pan Head Machine with Neo Washer		4
14	F05010-14	Nut, #10-24 Self Locking		6
15	F05007-27	Bolt, 3/8-16 x 3/4" Hex Head		2
16	F05011-3	Washer, 3/8" SAE Flat		2
17	F05010-19	Nut, 3/8" Self-Locking Hex		1
18	015304	Cover, Control Box Hinged		1
19	F05010-9	Nut, 1/4-20 Self Locking		2
20	F05005-181	Screw, 1/4-20 x 1 3/4" Flange Cap		1
21	015266	Gasket, Front Access Panel		1
22	015376	Panel, Control Box Front Access		1
23	069349	Decal, Circuit Breaker ID (Std. 2010)		1
	073603	Box Assembly, Key Switch		1
24	078426	Control Box Weldment, Key/Hour		1
25	F05015-17	Bolt, #10-24x1/2 Ph Pan Hd, Type 23		4
26	033495	Panel Weldment, Side L.H.		1
27	015274	Gasket, Side Panel Control 97		1
28	033475	Grommet, 5/8 ID 3/16 GW Rubber		1
29	F05005-15	Bolt, 1/4-20x1/2 HH		2
30	F05010-9	Nut, 1/4-20 Keps		2
	073597	Panel Assembly, Key Switch Box Frt		1
31	073598	Plate, Key Switch Box Front		1
32	073594	Decal, Key Switch		1
33	P04350	Switch, Key		1
34	015401	Digital Meter, Hour Rect Mount w/ Gasket		1
35	F05015-28	Screw, #6-32x1/2 Plain PH T23		2
36	033488	Gasket, LMS Panel		1
37	015236	Pedestal Weldment, Standard		1
38	F05010-20	Nut, 5/16-18 Self-Locking Hex		4
39	F05007-52	Bolt, 3/8-16 x 1" Socket Head		4
40	F05011-4	Washer, 3/8" Split Lock		4
41	F05011-36	Washer, 3/8" Exterior Star Lock		4
42	015400	Decal, Front Outrigger Warning		1
43	S11753	Decal, Ear/Eye Protection Warning		1
44	S12117	Decal, 800 Number		1
45	036381	Plate, Pedestal COver		1
46	F05015-17	Screw, #10-24 x 1/2" Pan Head		2

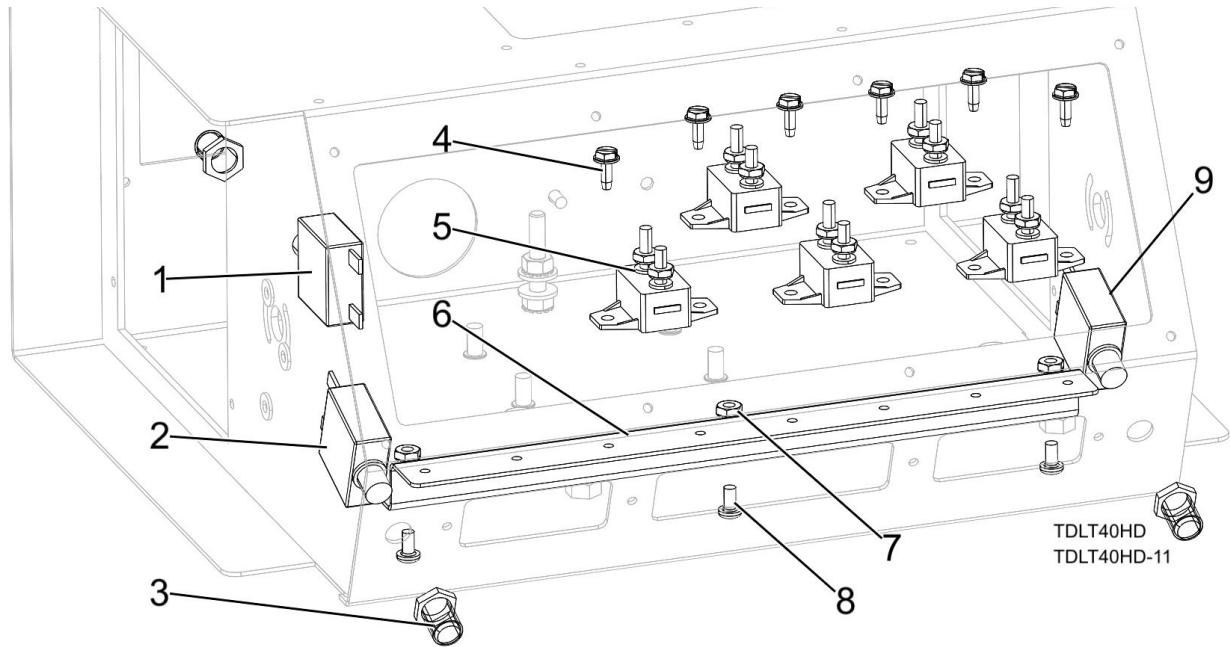
5.3 Drum Switches



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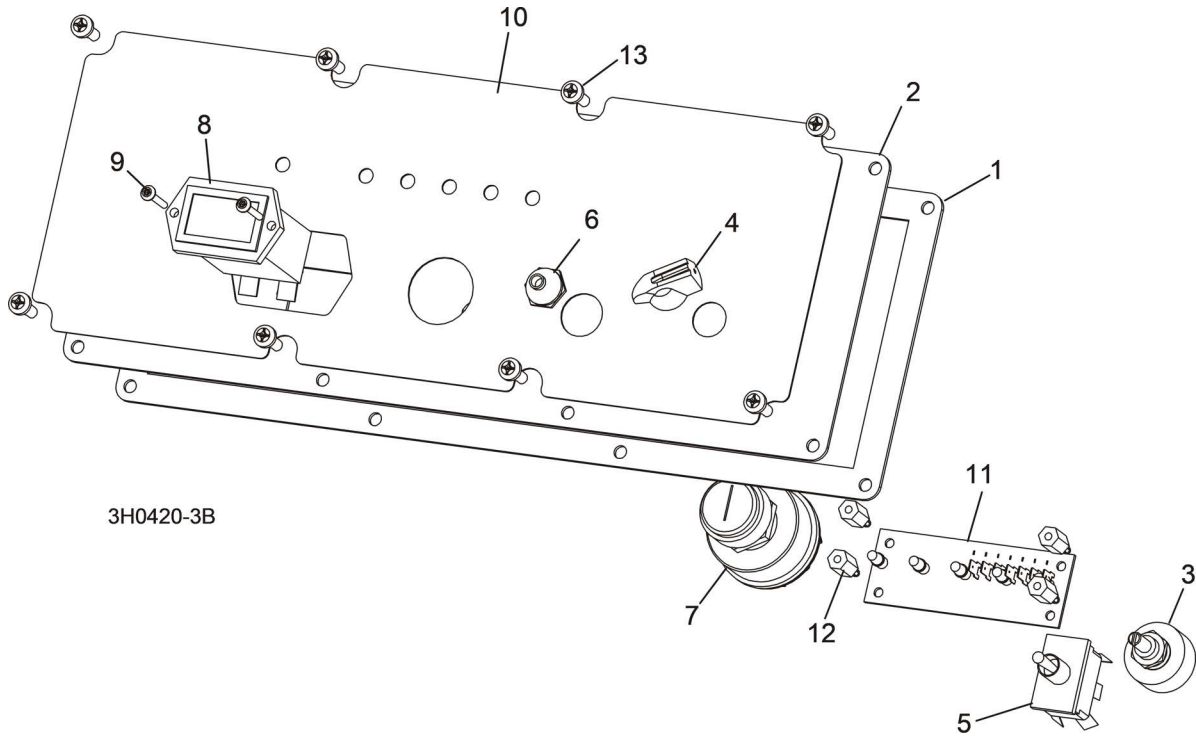
REF	PART #	DESCRIPTION	COMMENTS	QTY.
	E20440	SWITCH ASSEMBLY, UP/DOWN DRUM		1
1	E20440-B	Switch, S12 Bulk Drum	Available in assemblies only.	1
2	P12570	Spring, Drum Switch		1
3	P12500	Handle, Drum Switch Replacement		1
	E20439	SWITCH ASSEMBLY, POWER FEED DRUM		1
4	E20439-B	Switch, S11 Bulk Drum	Available in assemblies only.	1
5	P12570	Spring, Drum Switch		1
6	P12500	Handle, Drum Switch Replacement		1
7	F05011-41	WASHER, #8 SAE FLAT		6
8	A20463	CUP ASSEMBLY, DRUM SWITCH GREASE		1

5.4 Circuit Breakers



REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	024246	Breaker, 30A Manual Reset Panel Mount	For Autoclutch	1
2	051981	Breaker, 40A Manual Reset Panel Mount	Power Feed	1
3	021253	Boot, Circuit Breaker		3
	015621	Breaker Assembly, '98 Sawmill Control		1
4	F05015-7	Bolt, #10-24x1/2 Self Tap		6
5	E20430	Breaker, 15A Manual Reset		5
6	052826	Rail, Circuit Breaker Self Tap		1
7	F05010-14	Nut, #10-24 Keps		3
8	F05004-3	Bolt, #10-24x3/8 CrSI PH		3
9	021256	Breaker, 50A Manual Reset Panel Mount	Up/Down	1

5.5 Front Panel Assembly & Harnesses

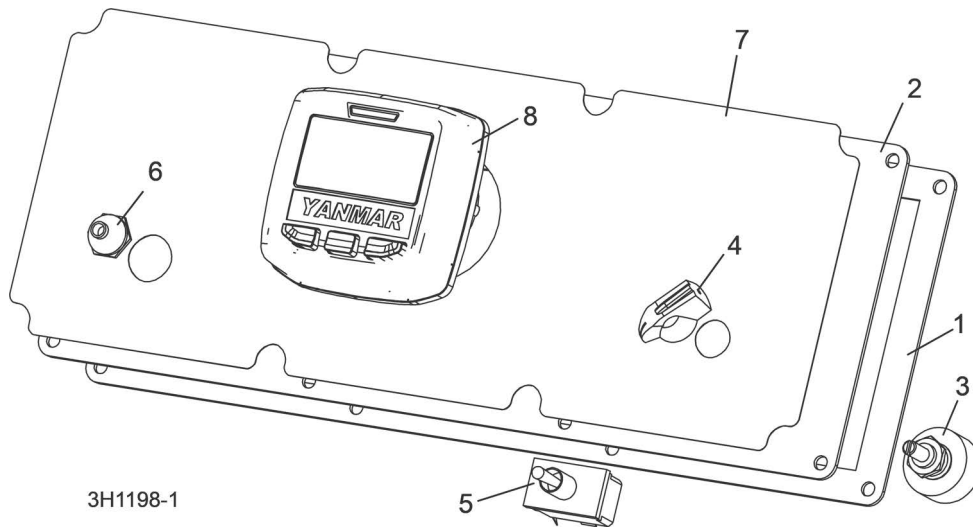


REF	PART #	DESCRIPTION	COMMENTS	QTY.
	024210	PANEL ASSEMBLY, CONTROL FRONT (G28)		1
	024211	PANEL ASSEMBLY, CONTROL FRONT (D35/D36)		1
1	015270	Gasket, Front Panel		1
2	015302	Panel Weldment, Control		1
3	024450-1	Switch Assembly, Feed Rate		1
4	P06257	Knob, Feed Rate With Set Screw		1
5	024200	Switch, Toggle		1
6	P02575	Boot, Toggle Switch Rubber		1
7	P04350	Switch, Key		1
8	015401	Meter, Hour		1
9	F05015-28	Screw, #6-32 x 1/2" Plain PH T23		2
10	015271	Decal, Control Panel (G28)		1
	015269	Decal, Control Panel (D35/D36)		1
11	015416	Board, LED Circuit (G28)		1
	015409	Board, LED Circuit (D35/D36)		1
12	023147	Spacer, 1/2"-#6 Threaded		4
13	F05015-17	SCREW, #10-24 X 1/2" PAN HEAD		8
	069531	HARNESS ASSEMBLY, UPPER WIRING (G28 2011)		1
	069302	HARNESS ASSEMBLY, UPPER WIRING (G28 2010)		1
	069305	HARNESS ASSEMBLY, UPPER WIRING (G38)		1
	069303	HARNESS ASSEMBLY, UPPER WIRING (D36)		
	069304	HARNESS ASSEMBLY, UPPER WIRING (D35)		1
	050399	Conduit, 1 1/4" x 58" Flex		1
	024402	Connector, 1 1/4" Straight Male Metal Conduit		1

5 **Control & Battery Boxes**
Front Panel Assembly & Harnesses

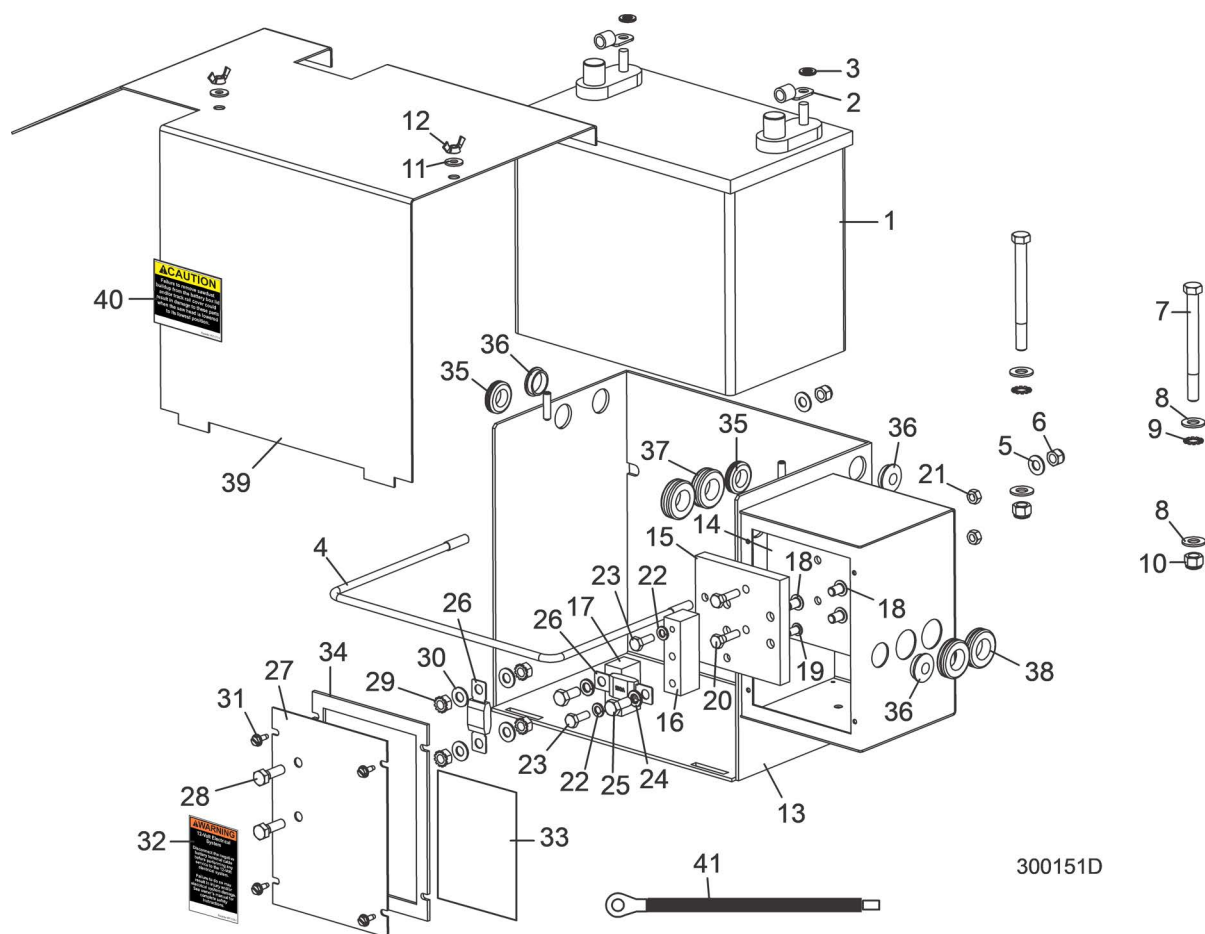
REF	PART #	DESCRIPTION	COMMENTS	QTY.
	050679	HARNESS ASSEMBLY, LOWER WIRING (G28)		1
	050678	HARNESS ASSEMBLY, LOWER WIRING (D35/D36)		1
	R02374	Conduit, 1/2" Expandable Black		41 in.
	R02374	Conduit, 1/2" Expandable Black		42 in.

5.6 Front Panel Assembly & Harnesses (Tier4 Only)



REF	PART #	DESCRIPTION	COMMENTS	QTY.
	073610	PANEL ASSEMBLY, LT40 STANDARD TIER4 CONTROL FRONT (D35)		1
1	015270	Gasket, Front Panel		1
2	011298	Panel, LT40/50 Control Box Front		1
3	024450	Pot Assembly, Feed Rate Control Sawmill		1
4	P06257	Knob, Feed Rate With Set Screw		1
5	024200	Switch, Toggle		1
6	P02575	Boot, Toggle Switch Rubber		1
7	073593	Decal, Yanmar Tier 4 Cotrol Panel Front (D35)		1
8	073601	Controller, Yanmar Tier 4 Engine		1
	073609	HARNESS ASSEMBLY, LT40NR D35.9 TIER 4 UPPER (D35)		1
	050399	Conduit, 1 1/4" x 58" Flex		1
	024402	Connector, 1 1/4" Straight Male Metal Conduit		1
	073619	HARNESS ASSEMBLY, D35 TIER 4 LOWER (D35)		1
	R02374	Conduit, 1/2" Expandable Black		41 in.
	R02374	Conduit, 1/2" Expandable Black		42 in.

5.7 Battery Box Assembly

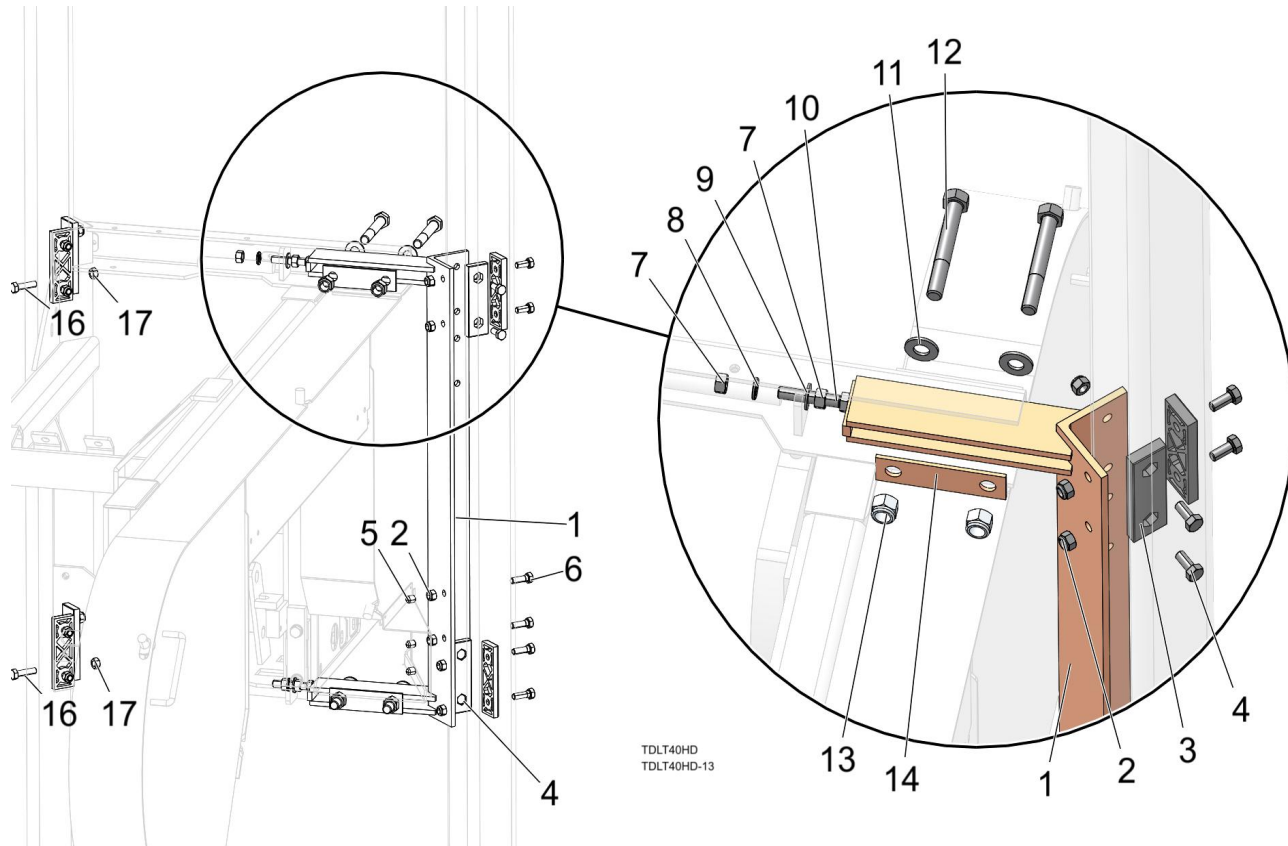


REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	061130	BATTERY, 12 VOLT 8A24	Battery changed to be equipped with two threaded studs (5/11).	1
	P12315 ¹	BATTERY, DEKA 12V, 24M77 800CCA 1000CA	Available in assemblies only.	1
	014667	BOX ASSEMBLY, LT30/LT40 BATTERY	Battery terminals (P05085), washer (P12161), 1/4" exterior star washer (F05011-37) and 1/4-20 hex self-locking nut (F05010-9) replaced with ring terminals and fasteners for batteries with threaded studs (5/11).	1
2	F05092-16	Terminal, 5/16 1-2 Ga Ring NI Loose		2
3	F05011-13	Washer, 5/16" Split Lock		2
4	P09790	Retainer Loop, Battery		1
5	F05011-17	Washer, 5/16" SAE Flat		2
6	F05010-58	Nut, 5/16-18 Hex Nylon Lock		2
7	F05007-4	Bolt, 3/8-16 X 4" Hex Head Grade 2		2
8	F05011-3	Washer, 3/8" SAE Flat		4
9	F05011-36	Washer, 3/8" External Star		2
10	F05010-10	Nut, 3/8" Hex Nylon Lock		2
11	F05011-11	Washer, 1/4" SAE Flat		2
12	F05010-13	Nut, 1/4-20 Wing		2
13	015472	Box Weldment, Battery		1

REF	PART #	DESCRIPTION	COMMENTS	QTY.
	006850	Block Assembly, Single Fuse		1
14	056999	Plate, Fuse Block Insulator		1
15	056997	Block, Fuse Mount	Available in assemblies only.	1
16	056996	Block, 3/4" Upper Fuse		1
17	056998	Block, 3/4" Lower Fuse		1
18	F05006-20	Screw, 5/16-18 x 1/2" Socket Button Head		3
19	F05005-59	Screw, 1/4-20 x 1/2" Socket Button Head		1
20	F05005-101	Bolt, 1/4-20 x 1" Hex Head Grade 5		2
21	F05010-21	Nut, 1/4-20 Hex Lock		2
22	F05011-14	Washer, 1/4" Split Lock		2
23	F05005-123	Bolt, 1/4-20 x 3/4" Hex Head Grade 5		2
24	F05011-13	Washer, 5/16" Split Lock		2
25	F05006-102	Bolt, 5/16-18 x 3/4" Hex head Grade 5		2
26	052370-150	Fuse, 150A Mega		2
	006854	Plate Assembly, Fuse Box Cover		1
27	006851	Cover, Fuse Box		1
28	F05006-1	Bolt, 5/16-18 x 1" Hex Head		2
29	F05010-20	Nut, 5/16-18 Hex Self-Locking		4
30	F05011-17	Washer, 5/16" SAE Flat		4
31	F05015-7	Screw, #10-24 X 1/2" Self-Tapping		4
32	P10364	Decal, 12 Volt Warning		1
33	006865	Decal, 150A Mega Fuse Link ID		1
34	050283	Gasket, Fuse Box Cover		1
35	P11764	Grommet, 5/8" Rubber Wire		2
36	052496	Plug, 1/2" Knockout Nylon		3
37	074198	Grommet, 3/4" ID 11 Gauge Thickness		2
38	074199	Grommet, 3/4" ID 16 Gauge Thickness		2
39	015774	LID WELDMENT, BATTERY BOX STANDARD		1
40	014774	DECAL, BATTERY BOX LID CAUTION		1
41	036309	CABLE ASSEMBLY, 1 GA X 16" FUSE TO BATTERY POSITIVE		1

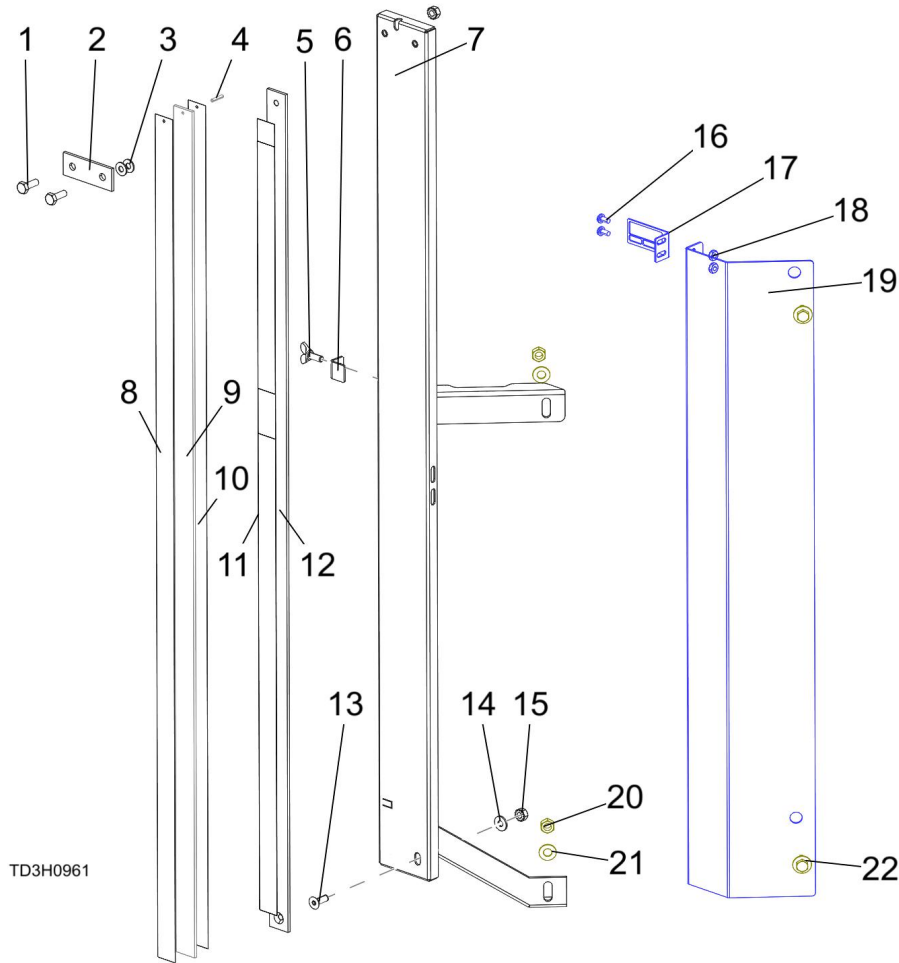
SECTION 6 UP/DOWN SYSTEM

6.1 Head Mount



REF	PART #	DESCRIPTION	COMMENTS	QTY.
	A07540	Slide Assembly, C-Frame Back W/Delrin		1
1	W04099	Slide Weldment, Delrin Pad Back Mnt		1
2	F05010-58	Nut, 5/16-18 Nyl Lock		16
3	M04096	Pads, Delrin Up/Dn Slide		8
4	F05006-5	Bolt, 5/16-18x3/4 HH Gr2		12
5	017715	Cap, .281x3/8 In Black Vinyl		3
6	F05006-1	Bolt, 5/16-18x1 HH Gr2		4
7	F05010-1	Nut, 3/8-16 Hex		4
8	F05011-4	Washer, 3/8 Split Lock		2
9	F05011-3	Washer, 3/8 Flat SAE		2
10	F05007-16	Bolt, 3/8-16x2 HH FT		2
11	F05011-2	Washer, 1/2 SAE Flat		2
12	F05008-61	Bolt, 1/2-13x3 1/2 Hex Head GR5 Zinc		2
13	F05010-8	Nut, 1/2-13 Nyl Hex Lock		4
14	S07935	Plate, .125x1.13x4.13 Washer		2
15	A07540	Slide Assembly, C-Frame Back W/Delrin		1
16	F05006-93	Bolt, 5/16-18x1-1/4 HH FT Gr5		2
17	F05010-17	Nut, 5/16-18 Hex		2

6.2 Blade Height & Quarter Scales

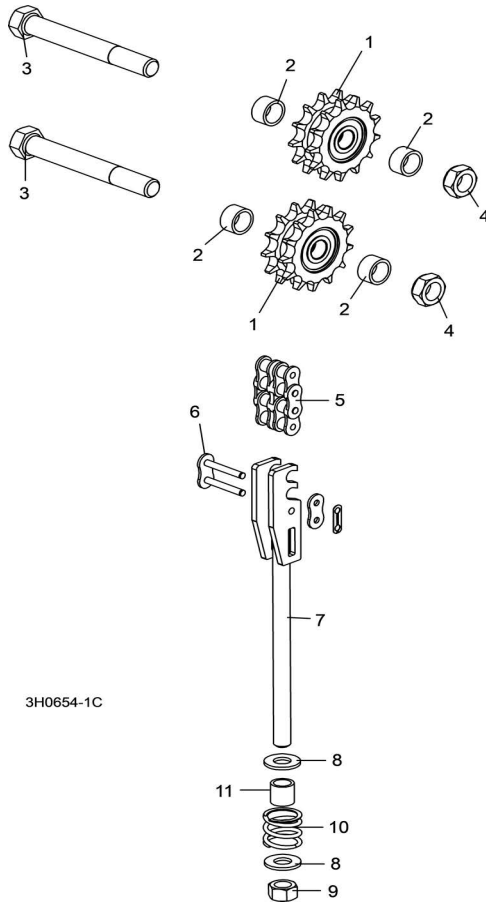


REF	PART #	DESCRIPTION	COMMENTS	QTY.
	A12022	Scale Assembly, Sawhead	Order K11998 for replacement kit	
1	F05005-1	Bolt, 1/4-20x3/4 FT HHC		2
2	S04805	Plate, 1/8x1x2 5/8 Al Scale		1
3	F05011-22	Washer, 1/4 .020 Thick Nylon		2
4	F05012-14	Pin, 1/8x5/8 Roll Zinc		1
5	F05005-64	Stud, 1/4-20x5/8 Wing		1
6	036666	Plate, Movable Scale Stop		1
7	W11997	Mount Wdmt, Scale Ptd		1
	S11989	Scale Assembly, Standard Quarter		1
8	S11774	Decal, Moveable Quarter Scale		1
9	R01665	Flat, 1/8x1x37- 5/8 6063 T6 AL		1
10	P12819	Decal, 37 1/2 Grade Quarter		1
11	S11773	Decal, Moveable Inch Scale		1
12	S11988	Plate, 1/8x1x37 1/4 Alum Inch		1
13	F05005-70	Bolt, 1/4-20x3/4 FHS		1
14	F05011-11	Washer, 1/4 SAE Flat		1
15	F05010-9	Nut, 1/4-20 Keps		2
	038591	Pointer Assembly, Adjustable Scale		1

6 Up/Down System
Blade Height & Quarter Scales

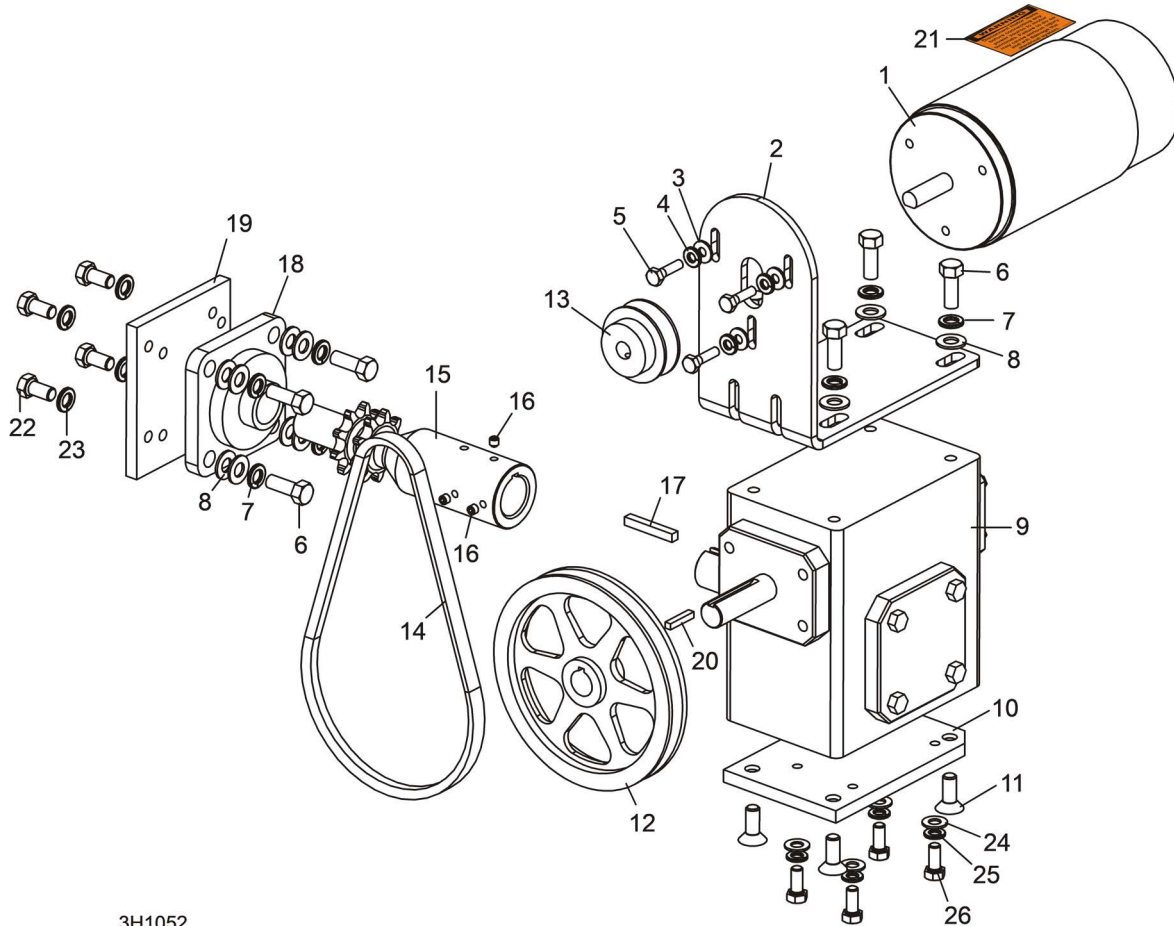
REF	PART #	DESCRIPTION	COMMENTS	QTY.
16	F05004-3	Bolt, #10-24x3/8 CrSI PH		2
17	038585	Pointer, Bent Scale Height		1
18	F05010-14	Nut, #10-24 Keps		2
19	038586	Plate, Bent Pointer Mount		1
20	F05010-6	Nut, 5/16-18 Swaged Hex		2
21	F05011-17	Washer, 5/16 SAE Flat		2
22	F05005-134	Bolt, 1/4-20x3/4 W/Conical Washer		2
	K12064	DECAL KIT, METRIC SCALE	Optional	1
	S11711	Decal, Metric		1
	P12040-1	Scale Assembly, Metric Quarter		1
	R01665	Flat, 1/8x1x192 6063 T6 Al		
	F05012-14	Pin, 1/8x5/8 Roll Zinc		
	P12040-1	Decal, 16-40CM Metric		
	P12040-2	Decal, 45-63CM Metric		

6.3 Up/Down Chain & Sprockets



REF	PART #	DESCRIPTION	COMMENTS	QTY.
	016020	SPROCKET KIT, UP/DOWN IDLER #50-2		1
1	016019	Sprocket, Up/Down Idler '98		2
2	016018	Spacer, 50-2 Idler '98		4
	016020-541	Instruction Sheet, Up/Down Idler Retrofit		1
3	F05009-6	BOLT, 5/8-11 X 5" HEX HEAD GRADE 2		2
4	F05010-96	NUT, 5/8-11 JAM NYLON LOCK		2
5	015259	CHAIN, #50-2 X 75.625" UP/DOWN		1
6	015258	LINK, #50-2 MASTER		2
	015456	TENSIONER ASSEMBLY, UP/DOWN CHAIN		1
7	015188	Bracket, Up/Down #50 Chain Tensioner	Available in assemblies only.	1
8	F05011-2	Washer, 1/2" SAE Flat		2
9	F05010-8	Nut, 1/2-13 Hex Nylon Lock		1
10	016516	Spring, 1" OD x 1" Long x .125" Wire Compr.		1
11	016515	Spacer, Up/Dn Chain Tensioner		1

6.4 Up/Down Assembly



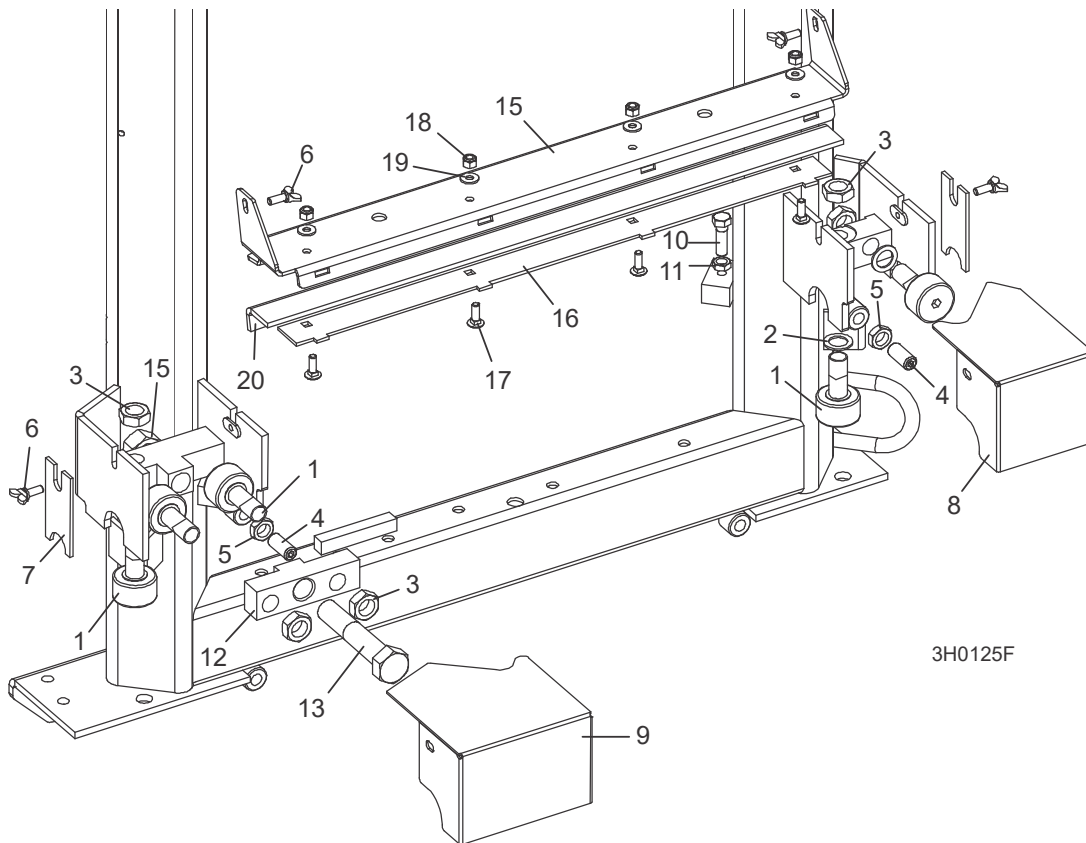
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REF	PART #	DESCRIPTION	COMMENTS	QTY.
	008722	UP/DOWN DRIVE ASSEMBLY		1
1	053683	Motor, 3/4HP 12VDC Electric		1
	061794	Brush Kit, .5-.75 12V DC Motor		1
2	008721	Bracket, Up/Down Motor Mount		1
	3	F05011-11	Washer, 1/4" SAE Flat	3
	4	F05011-14	Washer, 1/4" Split Lock	3
	5	F05005-101	Bolt, 1/4-20 X 1" Hex Head Grade 5	3
	6	F05007-7	Bolt, 3/8-16 x 1" Hex Head	8
	7	F05011-4	Washer, 3/8" Split Lock	8
	8	F05011-3	Washer, 3/8" SAE Flat	12
	9	074124	Gear Box, Up/Down Groove	1
	10	014158	Plate, Gear Box Spacer	1
	11	F05007-64	Bolt, 3/8-16 x 1" Flat Socket Head	4
	12	014088	Pulley, Up/Down	1
	036213	Belt/Pulley Kit, Standard Up/Down		1
	13	036204	Pulley, AK22 x 1/2"	1
	14	014089	Belt, 4L270	1
	016094	Shaft Kit, Up/Down Super		1
	15	016031	Shaft, Up/Down Sprocket	1
	16	F05005-105	Screw, 1/4-28 x 1/4" Socket Head Cup Point	3
	17	S04124	Key, 1/4" Square x 1 11/16" Long	1

REF	PART #	DESCRIPTION	COMMENTS	QTY.
18	014090	Bearing, Flanged Up/Down		1
19	014108	Plate, Bearing Spacer		1
20	S31027	Key, 3/16" Square x 1" Long		1
21	024431	Decal, Disconnect Motor Leads Warning		1
22	F05007-27	BOLT, 3/8-16 X 3/4" HEX HEAD		4
23	F05011-4	WASHER, 3/8" SPLIT LOCK		4
24	F05011-17	WASHER, 5/16" SAE FLAT		4
25	F05011-13	WASHER, 5/16" SPLIT LOCK		4
26	F05006-102	BOLT, 5/16-18 X 3/4" HEX HEAD GRADE 5		4
	L04869-4	OIL, 8 OZ. MOBIL SHC634 BOTTLED SYN- THETIC GEAR	24 oz. required for complete oil replacement.	1

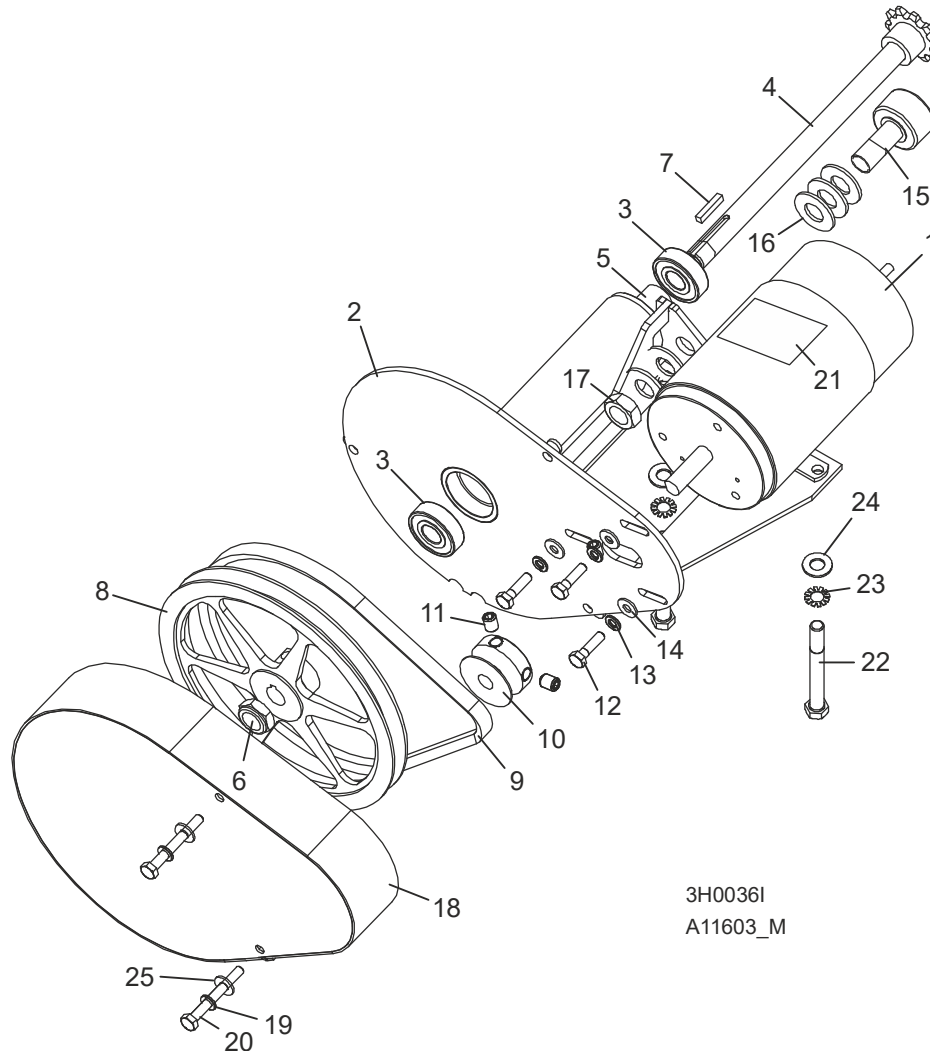
SECTION 7 FEED SYSTEM & TRACK ROLLERS

7.1 Upper Track Rollers And Wipers



REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	012797	Roller, Track Cam Bearing		5
2	016510	Shim, 5/8" x 1" x .062"		2
3	F05010-11	Nut, 5/8-18 Hex Jam		5
4	F05008-5	Screw, 1/2-13 x 1 1/4" Oval Point Set		2
5	F05010-31	Nut, 1/2-13 Hex Jam		2
6	F05005-64	Screw, 1/4-20 x 5/8" Thumb		4
7	M04113	Wiper, Plastic Track		2
8	012999	Housing, Upper Track Roller Rear		1
9	016285	Housing, Upper Track Roller Front		1
10	F05007-2	Bolt, 3/8-16 x 1 1/4" Hex Head		2
11	F05010-29	Nut, 3/8-16 Hex Jam		2
12	016501	Block, Upper Roller Pivot		1
13	F05013-3	Bolt, 3/4-10 x 4" Hex Head Grade 5		1
14	F05010-80	Nut, 3/4-10 Self Locking		1
	110612	Cover Assembly, LT40 Track		1
15	110609	Cover, Middle Track, LT40	Available in assemblies only.	1
16	110611	Retainer, Felt Oiler	Available in assemblies only.	1
17	F05005-113	Bolt, 1/4-20x3/4 Carriage		4
18	F05010-69	Nut, 1/4-20 Nylock		4
19	F05011-11	Washer, 1/4 SAE Flat		4
20	S09915	Felt, Middle Track Oiler LT40/50/70		1

7.2 Power Feed Assembly



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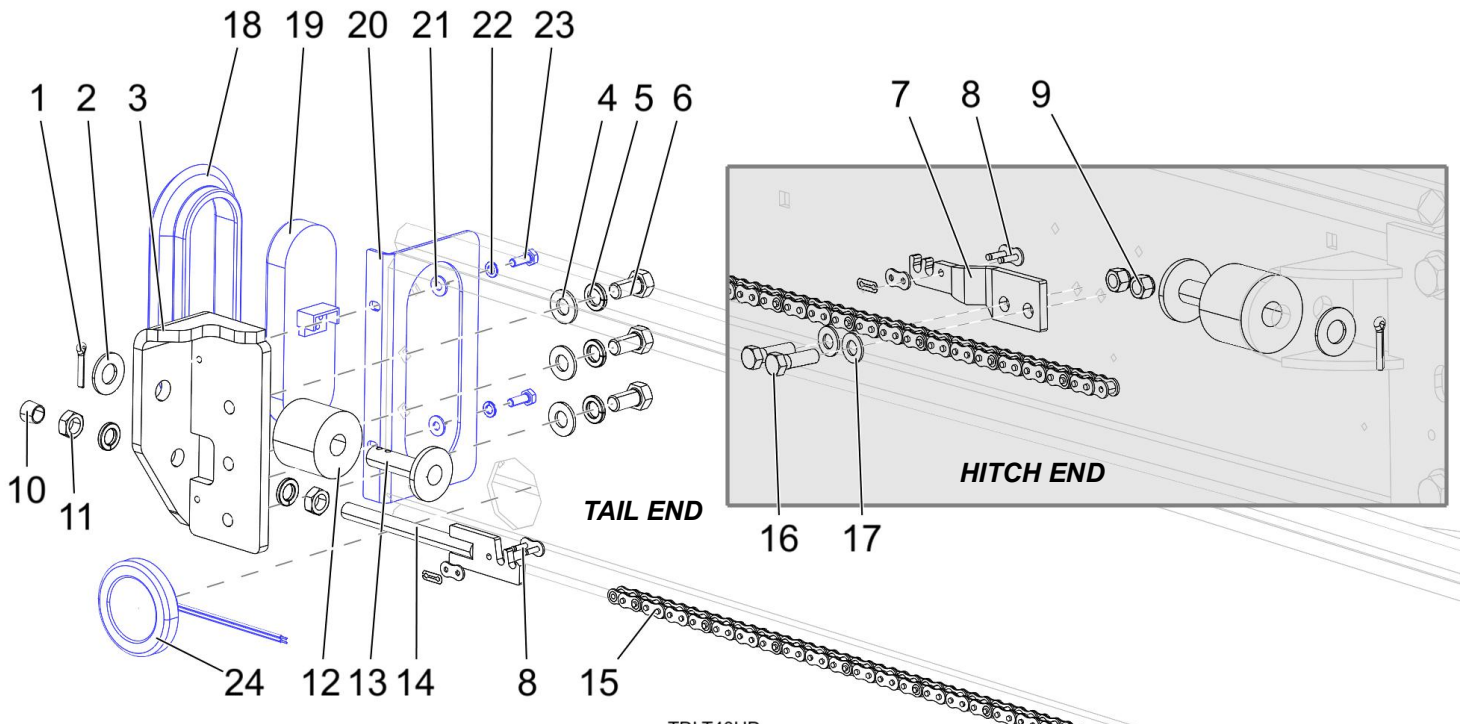
REF	PART #	DESCRIPTION	COMMENTS	QTY.
	A11603	POWER FEED ASSEMBLY		1
1	006747	Motor, Power Feed		1
	061794	Brush Kit, 12V Motor (2008)		1
	F05006-40	Screw, 5/16-18 x 3/8" Socket Head Set Oval Point		2
2	066991	Mount Weldment, LT35 Power Feed		1
3	P06030-1	Bearing, 5/8" 6203-2NSL		2
	079800	Shaft Upgrade, Power Feed		1
4	079798	Shaft Weldment, Power Feed, Threaded	Available in assemblies only.	1
5	079799	Spacer, Bearing, Power Feed		1
6	F05010-101	Nut, 5/8-18 Nyl Jam		1
7	S31027	Key, 3/16" Square x 1" Long		1
8	P04343	Pulley, 8" Power Feed		1
9	P04031	Belt, 4L280 V		1
10	S09579	Pulley, Power Feed Motor		1
11	F05007-12	Screw, 3/8-16 X 1/2" Cup Point Socket Set		2
12	F05005-101	Bolt, 1/4-20 X 1" Hex Head Grade 5		3
13	F05011-14	Washer, 1/4" Split Lock		3

7 Feed System & Track Rollers

Power Feed Assembly

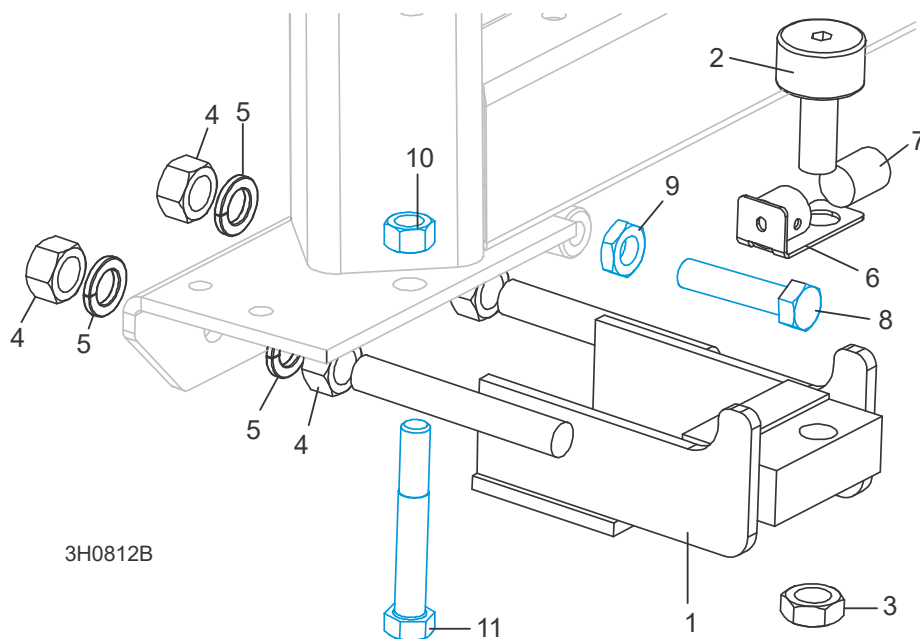
REF	PART #	DESCRIPTION	COMMENTS	QTY.
14	F05011-11	Washer, 1/4" SAE Flat		3
15	012797	Bearing, 1 1/2" Cam Follower		1
16	F05011-5	Washer, 5/8" SAE Flat		6
17	F05010-11	Nut, 5/8-11 Hex Jam		1
18	W11613	Guard, Power Feed Belt		1
19	F05011-14	Washer, 1/4" Split Lock		2
20	F05005-7	Bolt, 1/4-20x2 1/2 HH	ECN 35988:F05005-7 Replaced (2) F05005-32, Added (2) F05011-11	2
21	024431	Decal, Disconnect Motor Leads Warning		1
22	F05007-6	Bolt, 3/8-16 X 3 1/2" Hex Head Grade 8		2
23	F05011-36	Washer, 3/8" Star Lock		2
24	F05011-3	Washer, 3/8" SAE Flat		2
25	F05011-11	Washer, 1/4 SAE Flat ¹		2

7.3 Feed Chain/Stop and Taillight



REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	F05012-21	Pin, 3/16x1 Cotter, Zn		1
2	F05011-5	Washer, 5/8 SAE Flat		1
3	006686	Stop Weldment, 3/8 Tail		1
4	F05011-2	Washer, 1/2 SAE Flat		3
5	F05011-9	Washer, 1/2 Split Lock		5
6	F05008-128	Bolt, 1/2-13x1 HH Gr8		3
7	015008	Bracket, Feed Chain		1
8	P04200	Link, #40 Master		2
9	F05010-10	Nut, 3/8-16 Hex Nyl Lock		1
10	P22320	Plug, 1/2 Dia Cap		1
11	F05010-16	Nut, 1/2-20 Hex Jam		2
12	P12165	Bushing, 11/16x2 1/8x1 3/4 Rubber		1
13	W09293	Stop Weldment, Carriage Ptd		1
14	015721	Tensioner Weldment, Power Feed Chain		1
15	014745	Chain, 40 Roller 267 1/2		1
16	F05007-2	Bolt, 3/8-16x1 1/4 HH Gr2		1
17	F05011-3	Washer, 3/8 Flat SAE		1
18	006688	Grommet, 6 1/2 Light Mounting		1
19	074710	Light, 7 Diode LED Tail		1
20	057822	End Cap, Bed Tube w/ Light		1
21	F05011-11	Washer, 1/4 SAE Flat		2
22	F05011-14	Washer, 1/4 Split Lock		2
23	F05005-1	Bolt, 1/4-20x3/4 FT HHC		2
24	P12913	Lamp, Running Red Recessed		1

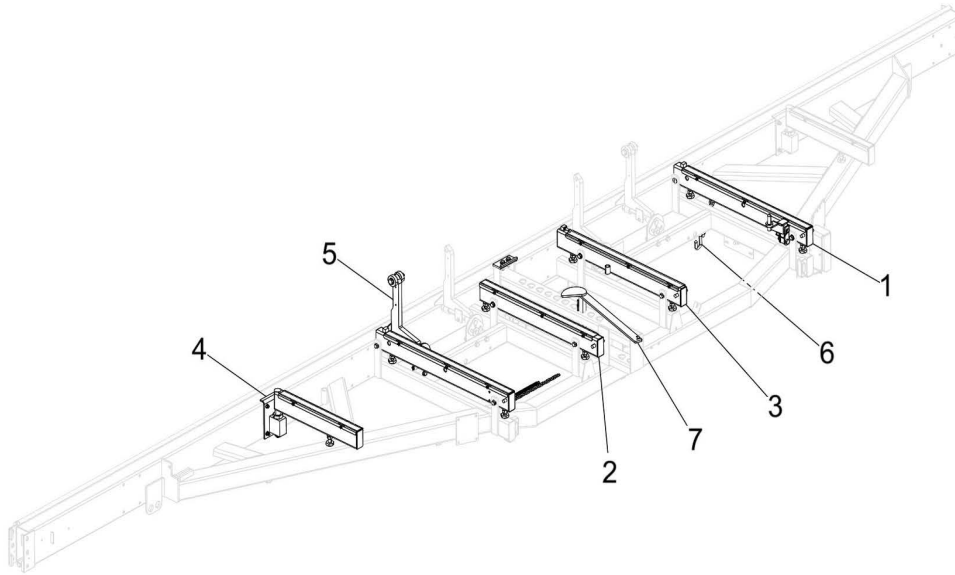
7.4 Lower Track Rollers



REF	PART #	DESCRIPTION	COMMENTS	QTY.
	012995	Roller Assembly, Lower Track		2
1	012982	Bracket, Lower Track Roller Mounting	Available in assemblies only.	1
2	012797	Roller, Track Cam Bearing		1
3	F05010-11	Nut, 5/8-18 Hex Jam		1
4	F05010-5	Nut, 5/8-11 Hex		4
5	F05011-118	Washer, 5/8" Split Lock Grade 8		4
6	033374	Bracket Weldment, Lower Track Roller Wiper		1
7	033375	Wiper, Round Gray Felt		1
8	F05008-2	Bolt, 1/2-13 x 2 1/4" Hex Head Full Thread		2
9	F05010-31	Nut, 1/2-13 Hex Jam		2
10	F05010-3	Nut, 1/2-13 Hex Lock		2
11	F05008-61	Bolt, 1/2-13 x 3 1/2" Hex Head Grade 5		2

SECTION 8 BED FRAME ASSEMBLY

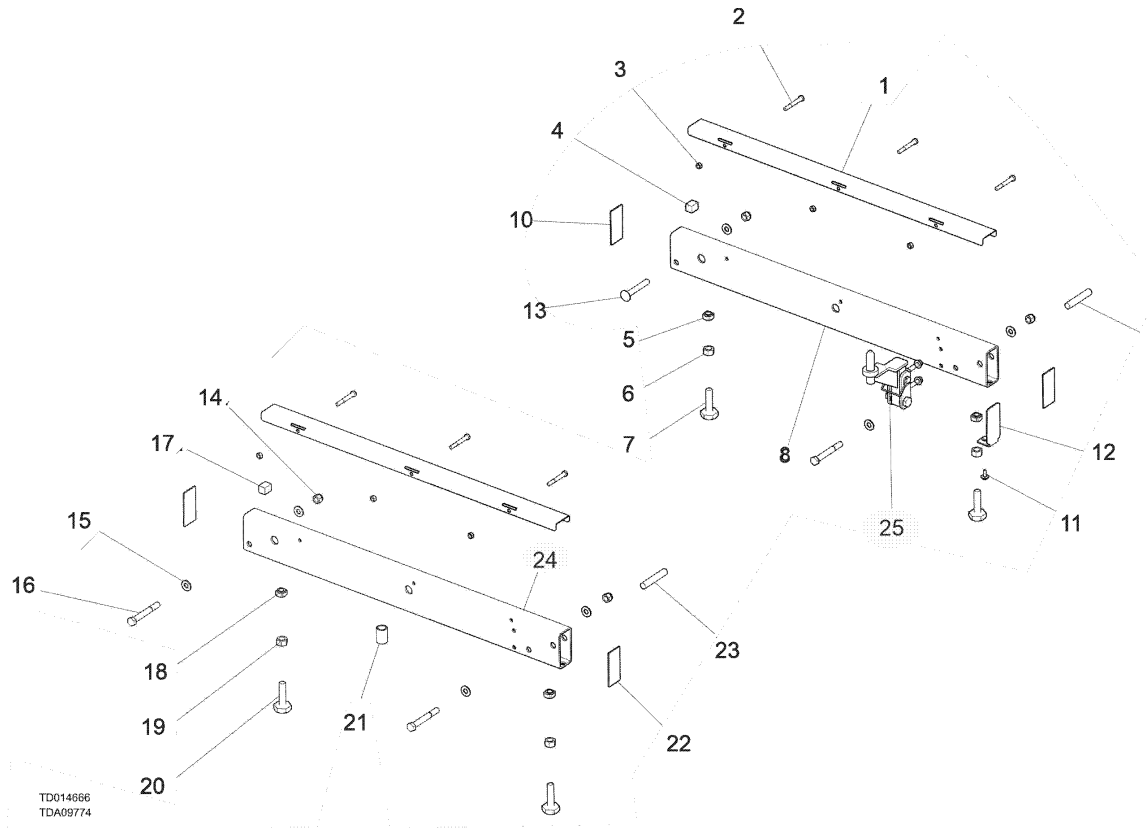
8.1 Bed Rail Assembly



TD014666
TD014666

REF	PART #	DESCRIPTION	COMMENTS	QTY.
	014666	BED ASSY, LT40 97		1
1		Bed Rail Assembly, Front And Rear	(See Section 8.2)	1
2		Bed Rail Assembly, Middle Front	(See Section 8.3)	1
3		Bed Rail Assembly, Middle Rear	(See Section 8.4)	1
4		Pivot Bed Rail Assembly	(See Section 8.6)	1
5		Log Side Support Assembly	(See Section 8.7)	4
6		Safety Chain Assembly	(See Section 8.8)	1
7		Log Clamp	(See Section 8.12)	1

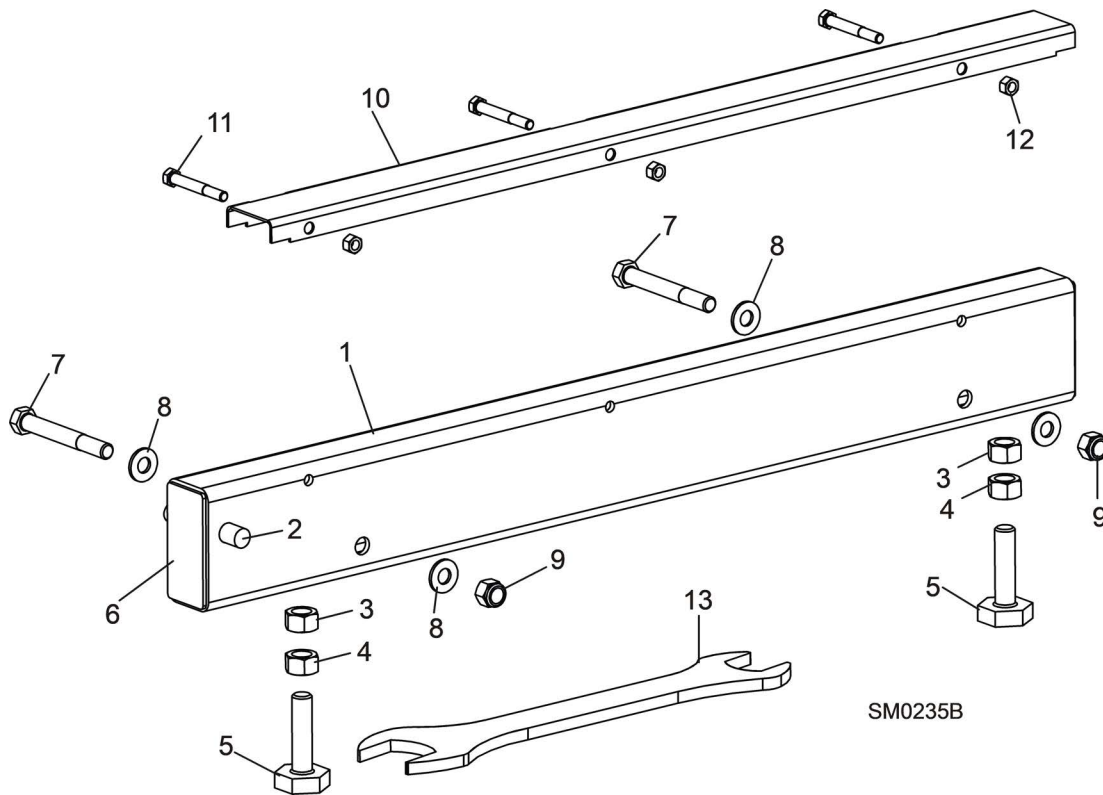
8.2 Bed Rail Assembly, Front And Rear



REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	016898	Cover, 36-1/4 Rail SS		2
2	F05006-10	Bolt, 5/16-18x2 1/2 HH Gr2		6
3	F05010-6	Nut, 5/16-18 Swaged Hex		6
	A09774	BEDRAIL ASSY, 1996 REAR NON-HYD		1
4	S09034	Block, 3/4x3/4x1		1
5	F05010-187	Nut, 5/8-11 Square Pilot Weld		2
6	F05010-5	Nut, 5/8-11 Hex		2
7	S13006	Bolt, Bed Rail Adj LT50		2
8	S09102	Tube, 2x4 Long Adj Bed Rail		1
9	S04030	Pin, 5/8x3 1/2		1
10	S04058	Plate, 1/8x1 3/4x3 3/4		1
11	F05005-134	Bolt, 1/4-20x3/4 W/Conical Washer		1
12	038843	Plate, Formed 2x4 Bed Cap		2
13	F05008-94	Bolt, 1/2-13x3 1/2 Carriage		1
14	F05010-8	Nut, 1/2-13 Nyl Hex Lock		4
15	F05011-2	Washer, 1/2 SAE Flat		7
16	F05008-78	1/2-13 x 4 HHB GR5 ZINC		3
	A09564	BEDRAIL ASSY, 1996 FRONT NON-HYD.		2
17	S09034	Block, 3/4x3/4x1		1
18	F05010-187	Nut, 5/8-11 Square Pilot Weld		2
19	F05010-5	Nut, 5/8-11 Hex		2
20	S13006	Bolt, Bed Rail Adj LT50		2

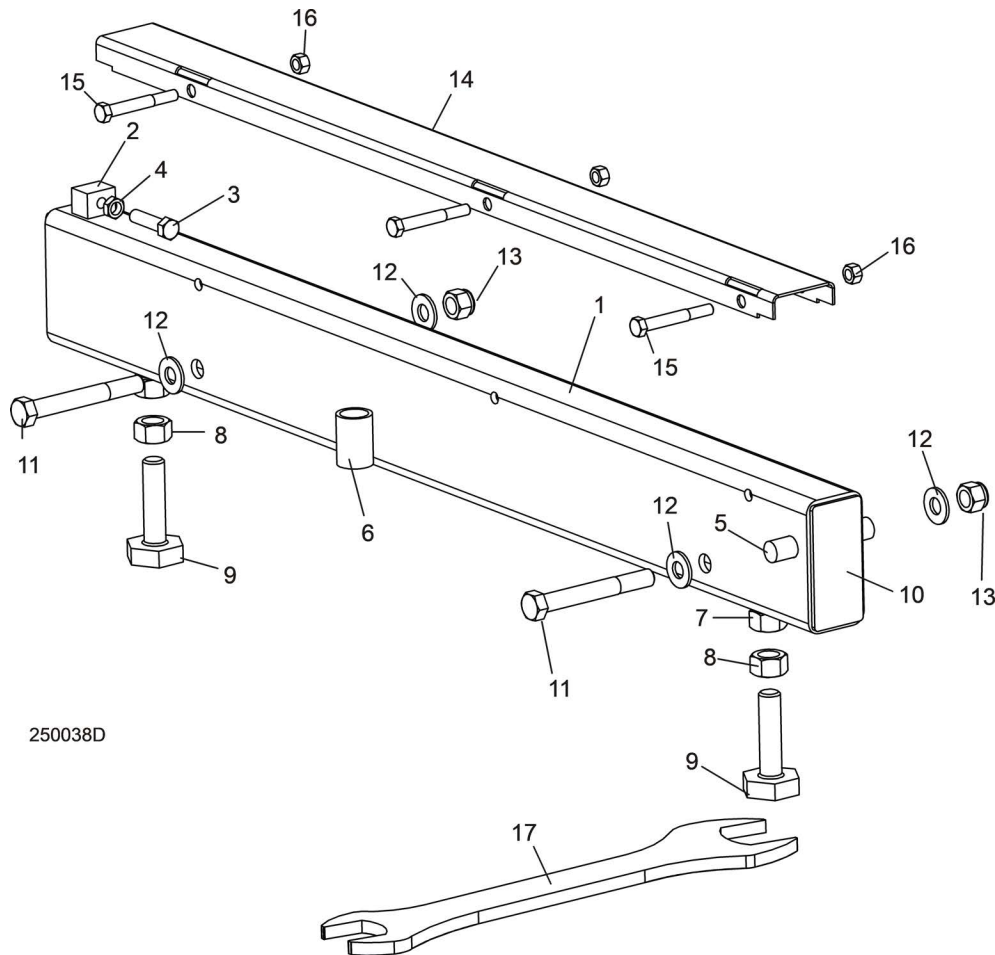
REF	PART #	DESCRIPTION	COMMENTS	QTY.
21	S09334	Tube, Ramp Mount		1
22	S04058	Plate, 1/8x1 3/4x3 3/4		2
23	S04030	Pin, 5/8x3 1/2		1
24	S09102	Tube, 2x4 Long Adj Bed Rail		1
25	079096	Pin Assy, Rest, Manual	(See Section 8.10)	1

8.3 Bed Rail Assembly, Middle Front



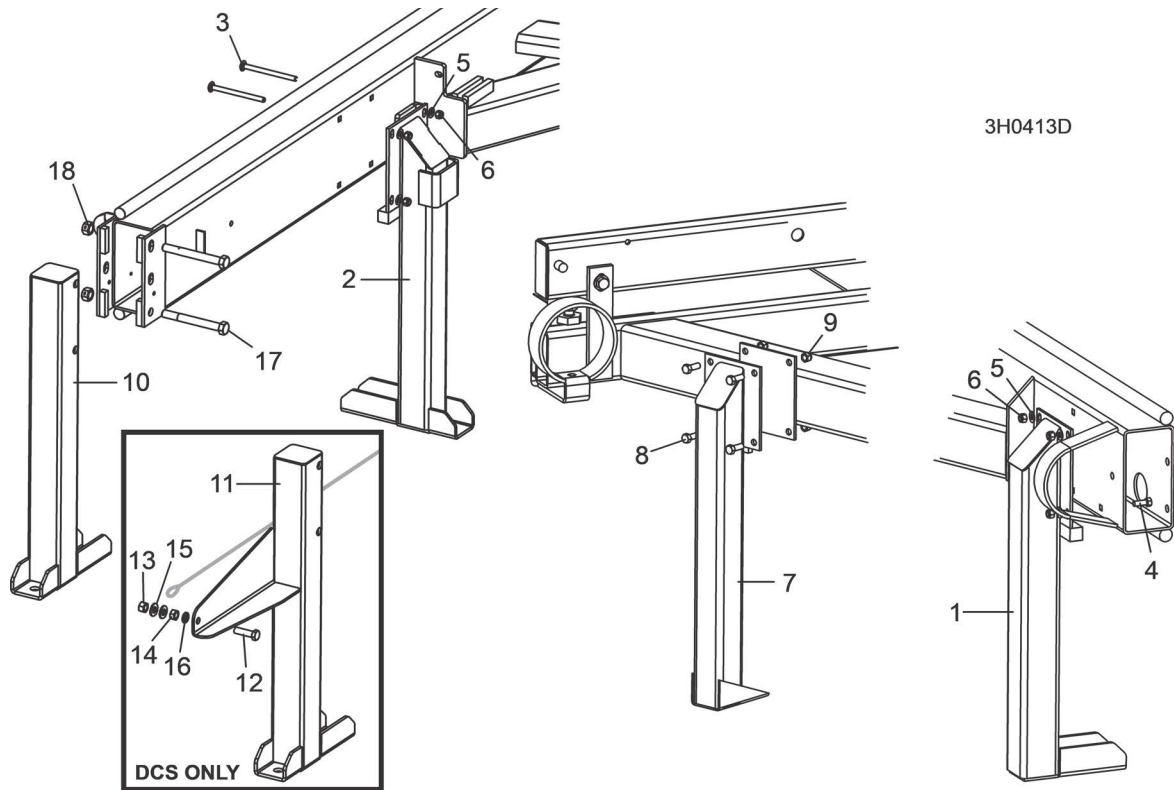
REF	PART #	DESCRIPTION	COMMENTS	QTY.
	A09566	BED RAIL ASSEMBLY, FRONT MIDDLE		1
1	S09103	Bed Rail Tube, Short	Available in assemblies only.	1
2	S04030	Pin, Ramp Mount		1
3	F05010-84	Nut, 5/8-11 Pilot Weld		2
4	F05010-5	Nut, 5/8-11 Hex		2
5	S13006	Bolt, Bed Rail Adjustment		2
6	S04058	Plate, Bed Rail End Cap	Available in assemblies only.	2
7	F05008-78	BOLT, 1/2-13 X 4" HEX HEAD GRADE 5		2
8	F05011-2	WASHER, 1/2" SAE FLAT		4
9	F05010-8	NUT, 1/2-13 NYLON LOCK		2
	A09956	COVER ASSEMBLY, STAINLESS STEEL BED RAIL	(LONG)	1
10	S09944	Cover, Stainless Steel Bed Rail	Available in assemblies only.	1
11	F05006-10	Bolt, 5/16-18 X 2 1/2" Hex Head		3
12	F05010-6	Nut, 5/16-18 Hex Lock		3
13	015970	WRENCH, BED RAIL ADJUSTMENT		1

8.4 Bed Rail Assembly, Middle Rear

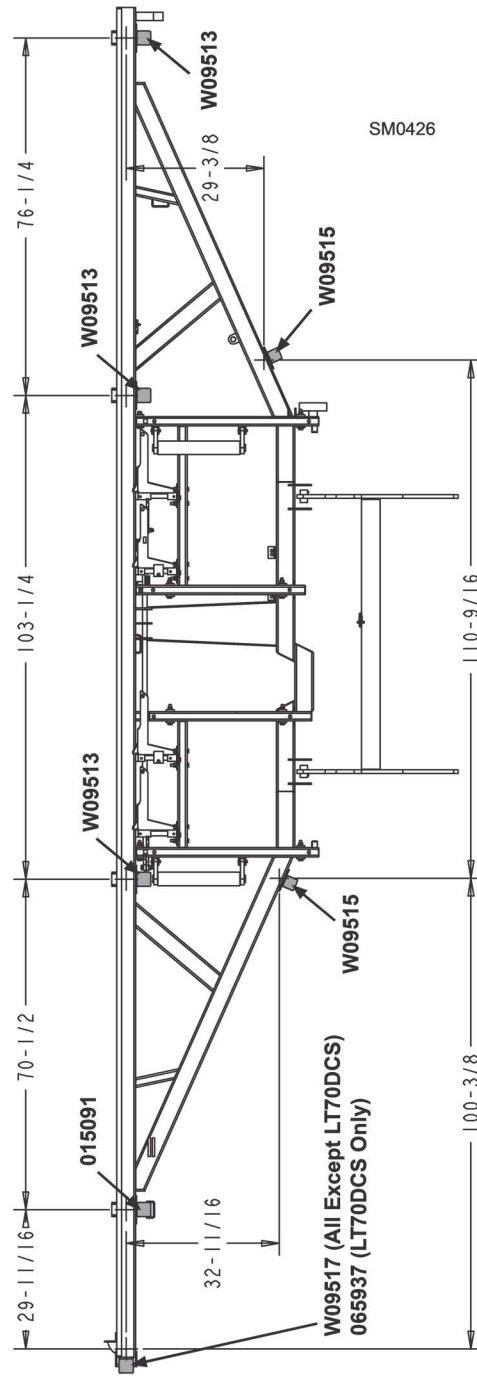
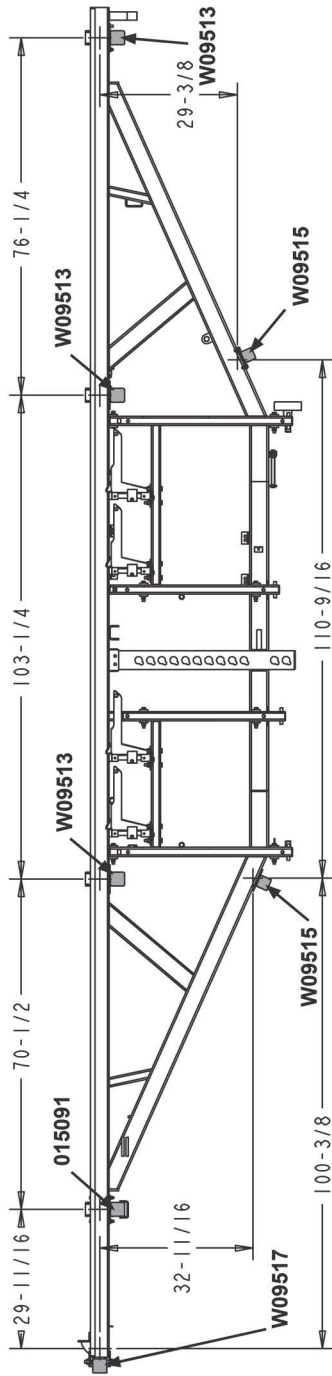


REF	PART #	DESCRIPTION	COMMENTS	QTY.
	A09565	BED RAIL ASSEMBLY, REAR MIDDLE		1
1	014640	Bed Rail Tube, Short	Available in assemblies only.	1
2	014639	Block, Log Stop w/Threaded Hole	Available in assemblies only.	1
3	F05007-17	Bolt, 3/8-16 x 1 1/2 Full Thead Hex Head		1
4	F05010-29	Nut, 3/8-16 Hex Jam		1
5	S04030	Pin, Ramp Mount		1
6	S09334	Tube, Ramp Retainer Mount	Available in assemblies only.	1
7	F05010-84	Nut, 5/8-11 Pilot Weld		2
8	F05010-5	Nut, 5/8-11 Hex		2
9	S13006	Bolt, Bed Rail Adjustment		2
10	S04058	Plate, Bed Rail End Cap	Available in assemblies only.	2
11	F05008-78	BOLT, 1/2-13 X 4" HEX HEAD GRADE 5		2
12	F05011-2	WASHER, 1/2" SAE FLAT		4
13	F05010-8	NUT, 1/2-13 NYLON LOCK		2
	A09956	COVER ASSEMBLY, STAINLESS STEEL BED RAIL (LONG)		1
14	S09944	Cover, Stainless Steel Bed Rail	Available in assemblies only.	1
15	F05006-10	Bolt, 5/16-18 X 2 1/2" Hex Head		3
16	F05010-6	Nut, 5/16-18 Hex Lock		3
17	015970	WRENCH, BED RAIL ADJUSTMENT		1

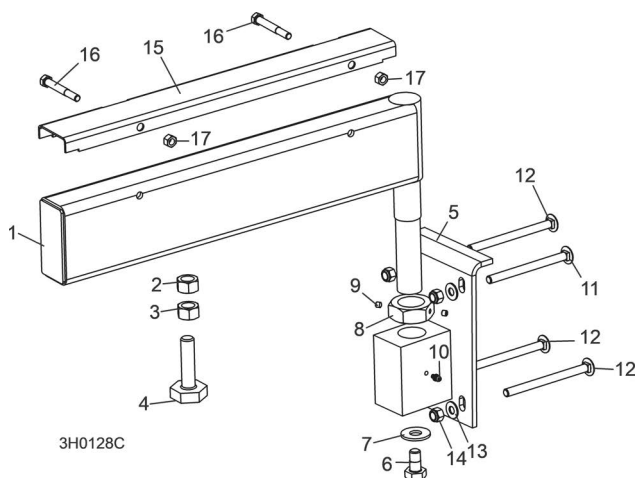
8.5 Leg Assembly (Stationary)



REF	PART #	DESCRIPTION	COMMENTS	QTY.
		<i>See Form #847</i> or diagram below for stationary sawmill foot anchor locations		
		<i>See Form #359</i> for stationary sawmill w/bed extension foot anchor locations		
1	W09513	LEG, LONG STATIONARY (1 REQ'D FOR LT30; 3 REQ'D FOR LT40)		1/3
2	015091	LEG, LONG STATIONARY W/BOARD RETURN TABLE BRACKET		1
3	F05007-113	BOLT, 3/8-16 X 5" CARRIAGE HEAD		8/12
4	F05007-2	BOLT, 3/8-16 X 1 1/4" HEX HEAD (REQ'D FOR REAR LT40 ONLY)		4
5	F05011-3	WASHER, 3/8" SAE FLAT		8/16
6	F05010-10	NUT, 3/8-16 HEX NYLON LOCK		8/16
7	W09515	LEG, SHORT STATIONARY		2
8	F05007-2	BOLT, 3/8-16 X 1 1/4" HEX HEAD		8
9	F05010-10	NUT, 3/8-16 HEX NYLON LOCK		8
10	W09517	LEG, FRONT STATIONARY		1
11	065935	Leg Weldment, Festoon Stationary Front		1
12	F05008-88	Bolt, 1/2-13 x 1 3/4" Full Thread Hex Head Grade 5		1
13	F05010-3	Nut, 1/2-13 Swaged Hex		1
14	F05010-35	Nut, 1/2-13 Free Hex		1
15	F05011-2	Washer, 1/2" SAW Flat		2
16	F05011-9	Washer, 1/2" Split Lock		1
17	F05009-11	BOLT, 5/8-11 X 5 1/2" HEX HEAD GRADE 5		2
18	F05010-4	NUT, 5/8-11 HEX LOCK		2



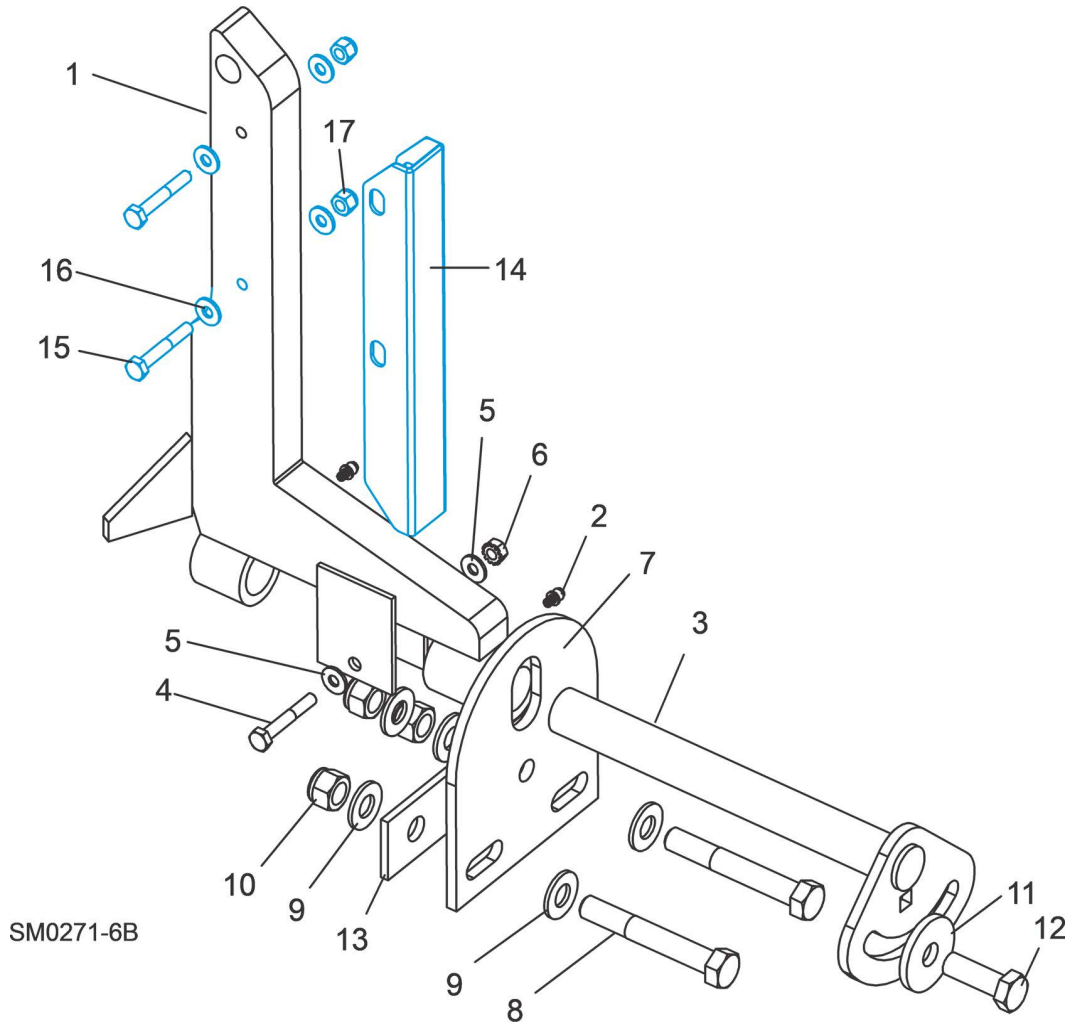
8.6 Pivot Bed Rail Assembly



REF	PART #	DESCRIPTION	COMMENTS	QTY.
	A13015	PIVOT BED RAIL ASSEMBLY (LT40)		2
	012993	PIVOT BED RAIL ASSEMBLY (LT30)		2
1	W13014	Pivot Bed Rail Weldment (LT40)	Available in assemblies only.	1
	012992	Pivot Bed Rail Weldment (LT30)	Available in assemblies only.	1
2	F05010-84	Nut, 5/8-11 Pilot Weld		2
3	F05010-5	Nut, 5/8-11 Hex		2
4	S13006	Bolt, Bed Rail Adjustment		2
5	W13090	Bracket, Pivot Rail Mounting		1
6	F05008-50	Bolt, 1/2-13 x 1" Hex Head Grade 2		1
7	F05011-52	Washer, 9/16" SAE Flat		1
8	S13016	Nut, Pivot Rail Adjustment		1
9	F05005-42	Screw, 1/4-28 x 1/4" Brass Tip Set		2
10	P04107	Fitting, 3/16" Grease		1
11	F05007-114	BOLT, 3/8-16 X 4 3/4" CARRIAGE HEAD		2
12	F05007-113	BOLT, 3/8-16 X 5" CARRIAGE HEAD		6
13	F05011-3	WASHER, 3/8" SAE FLAT		8
14	F05010-10	NUT, 3/8-16 NYLON LOCK		8
	017710	COVER KIT, PIVOT RAIL STAINLESS STEEL (LT40)		2
	015926	COVER KIT, PIVOT RAIL STAINLESS STEEL (LT30)		2
15	S13012	Cover, Stainless Steel Pivot Bed Rail (LT40)		1
	012994	Cover, Stainless Steel Pivot Bed Rail (LT30)		1
16	F05006-10	Bolt, 5/16-18 X 2 1/2" Hex Head		2
17	F05010-6	Nut, 5/16-18 Hex Lock		2
	015970	WRENCH, BED RAIL ADJUSTMENT	(See Section 8.1)	1

8.7 Log Side Support Assembly (Manual)

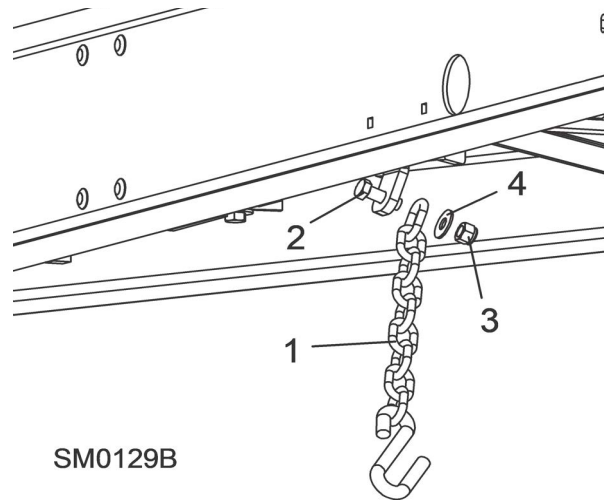
(See Section 10.6) for optional hydraulic side supports



REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	015235	SUPPORT, LOG SIDE		4
2	P04107	Fitting, 3/16" Grease		2
	016559	MOUNTING KIT, LOG SIDE SUPPORT		4
3	016544	Pin, Log Side Support Pivot		1
4	F05005-4	Bolt, 1/4-20 X 1 1/2" Hex Head Grade 5		1
5	F05011-11	Washer, 1/4" SAE Flat		2
6	F05010-9	Nut, 1/4-20 Self Locking		1
7	016555	Plate, Log Side Support End		1
8	F05008-61	Bolt, 1/2-13 X 3 1/2" Hex Head Grade 5		2
9	F05011-2	Washer, 1/2" SAE Flat		5
10	F05010-8	Nut, 1/2-13 Hex Nylon Lock		3
11	014632	Washer, .52" x 1.69"		1
12	F05008-33	Bolt, 1/2-13 X 1 1/2" Hex Head Grade 5		1
13	016558	Plate, Side Support Washer Clamp		1
	016562	ROLLER KIT, SIDE SUPPORT		4
14	016561	Roller, Side Support		2

REF	PART #	DESCRIPTION	COMMENTS	QTY.
15	F05011-5	Washer, 5/8" SAE Flat	Additional 5/8" SAE Flat Washer F05011-5 may be required on each side of side support to provide clearance for optional stainless steel side support guards. Extra washers are included in the stainless steel guard retrofit kit (016798).	6
16	F05009-118	Bolt, 5/8-11 x 3 3/4" Hex Head Grade 5		1
17	F05010-96	Nut, 5/8-11 Hex Nylon Lock Jam		1
18	016560	Bushing, Bronze 5/8" x 1" x 3/4"		2
	F05008-94	Bolt, 1/2-13 x 3 1/2" Carriage Head		1
	016562-526	Instruction Sheet, Side Support Roller		1
	016798	GUARD KIT, STAINLESS STEEL SIDE SUPPORT (OPTIONAL)		1
19	016722	Guard, Stainless Steel Side Support		4
20	F05005-4	Bolt, 1/4-20 x 1 3/4" Hex Head		8
21	F05011-11	Washer, 1/4" SAE Flat		16
	F05011-5	Washer, 5/8" SAE Flat	Additional 5/8" SAE Flat Washer F05011-5 may be required on each side of side support to provide clearance for optional stainless steel side support guards. Extra washers are included in the stainless steel guard retrofit kit (016798).	4
22	F05010-69	Nut, 1/4-20 Hex Nylon Lock		8
	016798-1005	Instruction Sheet, Stainless Steel Side Support Guard Retro		1

8.8 Safety Chain Assembly

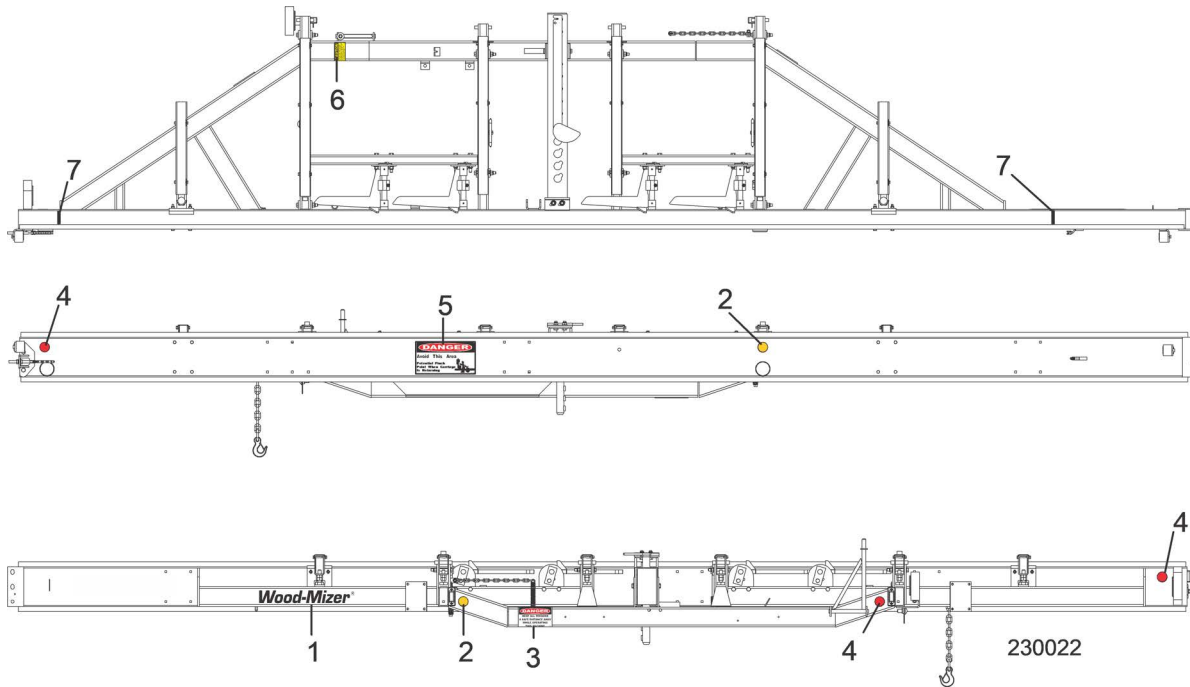


REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	107972	CHAIN, 15 INCH SAFETY		1
2	F05008-33	BOLT, 1/2-13X1 1/2 HEX HEAD GRADE 5		1
3	F05010-8	NUT, 1/2-13 NYLON HEX LOCK		1
4	F05011-35	WASHER, 7/16 STANDARD FLAT		1

8.9 Saw Head Rest Pin Assembly

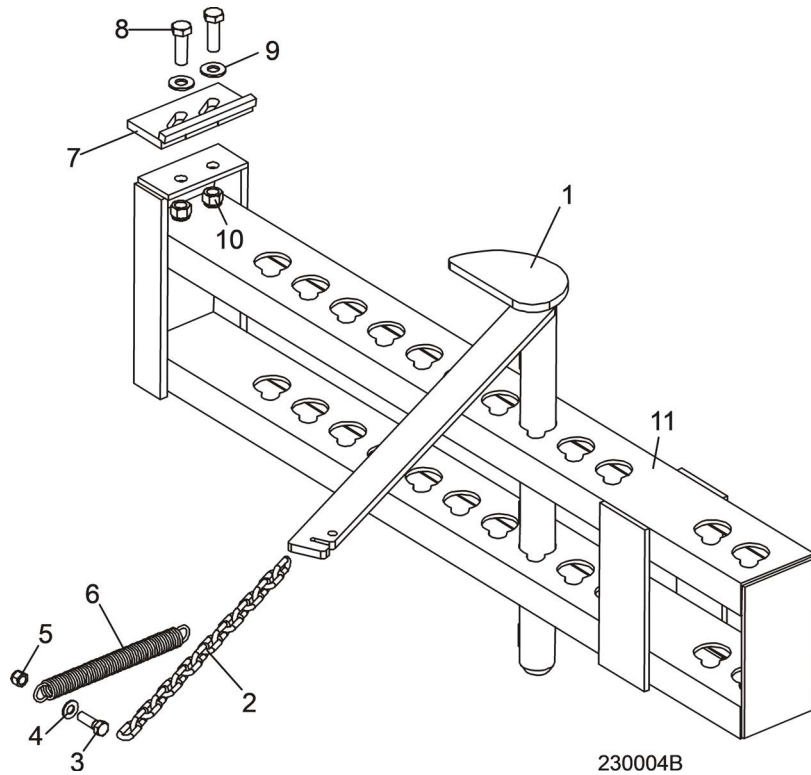
8.10 Rest Pin Assembly

8.11 Bed Frame Decals



REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	S12281	DECAL, WOOD-MIZER LOGO		1
1	014751	DECAL, WOOD-MIZER SUPER LOGO		1
2	P07453	DECAL, AMBER REFLECTIVE 2" ROUND		2
3	S09851	DECAL, KEEP AWAY DANGER		1
4	P07452	DECAL, RED REFLECTIVE 2" ROUND		3
5	P10287	DECAL, PINCH POINT DANGER		1
6	S12581	DECAL, SAW HEAD REST CAUTION		1
7	S12051	DECAL, LOG LIMIT STRIPE		2

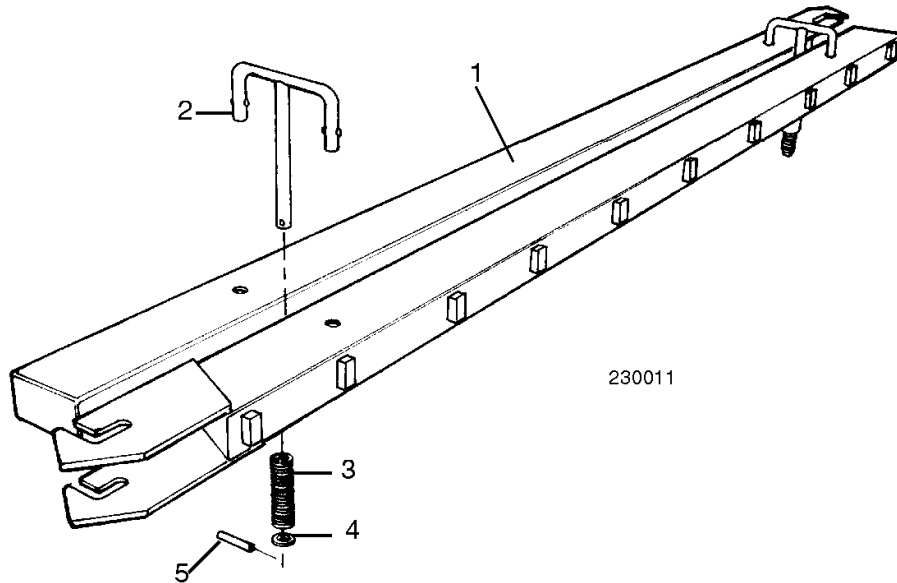
8.12 Log Clamp



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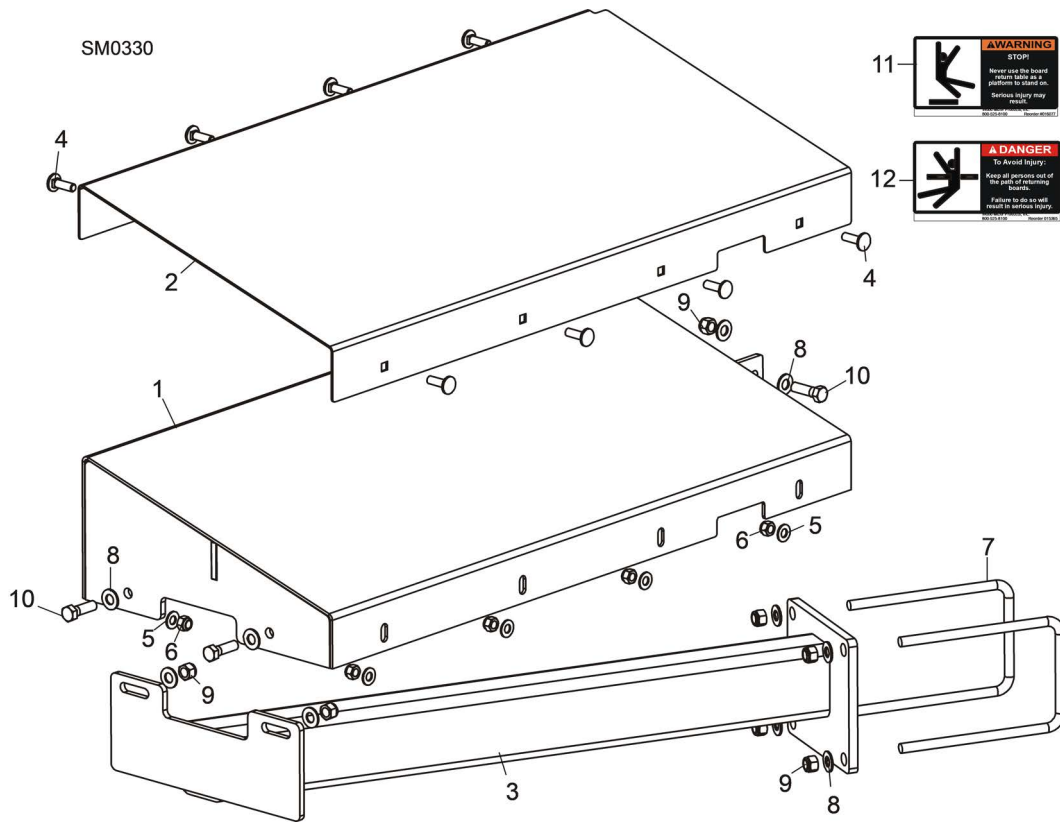
REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	W09412	CLAMP, LOG		1
2	M04311	CHAIN, LOG CLAMP		1
3	F05007-2	BOLT, 3/8-16 X 1 1/4" HEX HEAD GRADE 2		1
4	F05011-3	WASHER, 3/8" STANDARD FLAT		2
5	F05010-10	NUT, 3/8-16 HEX NYLON LOCK		1
6	P09136	SPRING, LOG CLAMP CHAIN		1
7	W09404	PLATE, LOG CLAMP STOP		1
8	F05008-33	BOLT, 1/2-13 X 1 1/2" HEX HEAD GRADE 5		2
9	F05011-2	WASHER, 1/2" SAE FLAT		2
10	F05010-8	NUT, 1/2-13 HEX NYLON LOCK		2
11	W09310	CHANNEL WELDMENT, MANUAL LOG CLAMP		1

8.13 Log Loading Ramps



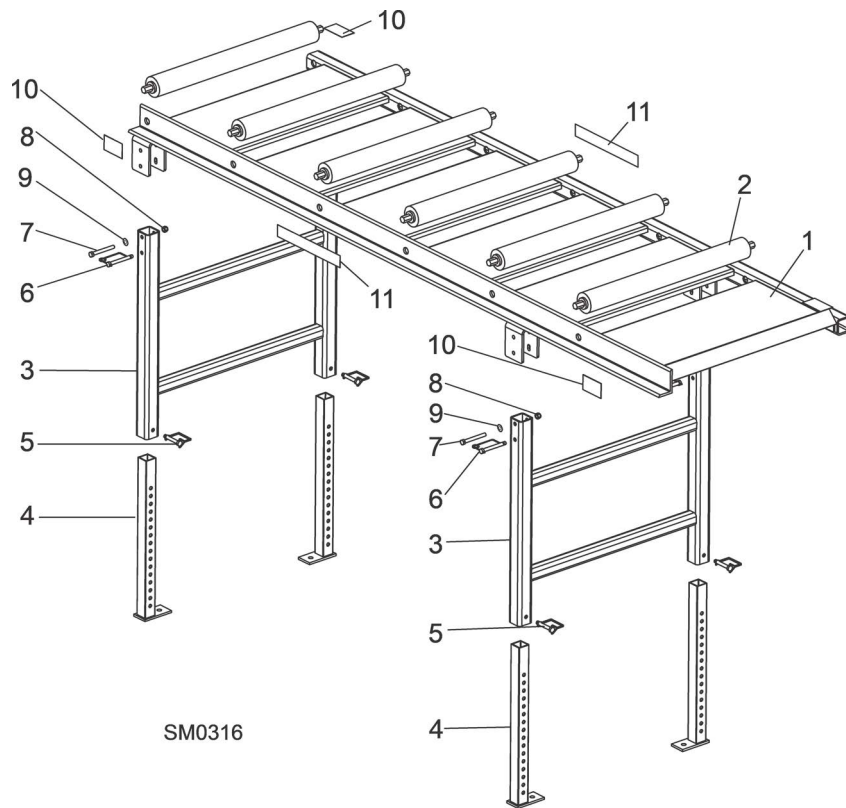
REF	PART #	DESCRIPTION	COMMENTS	QTY.
	K09466	RAMP KIT, LOG LOADING WITH RETAINERS		1
1	W09014	Ramp, Log Loading		2
	K09810	Retainer Kit, Log Ramp		2
2	W09413	Retainer, Log Ramp	Available in assemblies only.	1
3	P09335	Spring, Log Ram Retainer		1
4	F05011-19	Washer, 5/8" I.D. x .100" Thick Nylon		1
5	F05012-11	Pin, 3/16" x 1" Roll		1

8.14 Board Return Table Assembly (Optional)



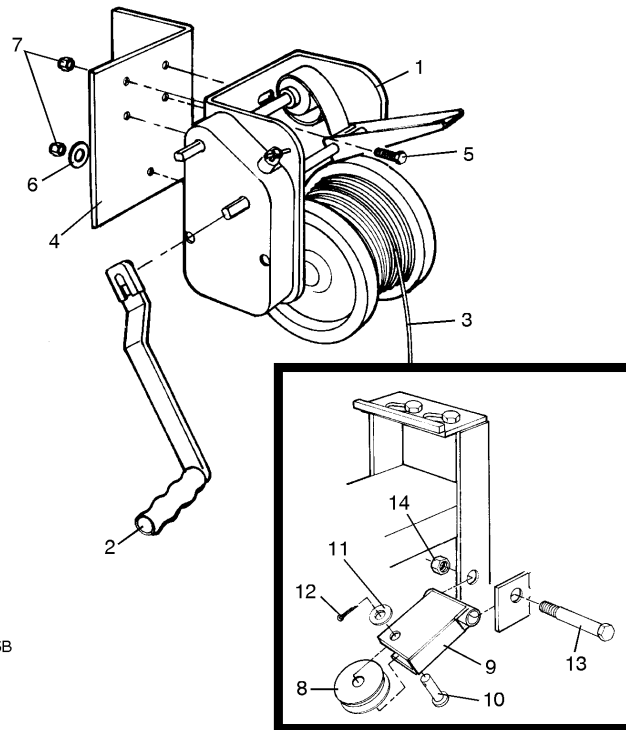
REF	PART #	DESCRIPTION	COMMENTS	QTY.
	003264	TABLE ASSEMBLY, BOARD RETURN (LT40)		1
	003270	TABLE ASSEMBLY, BOARD RETURN (LT30)		1
1	055515	Table Weldment, Board Return		1
2	003259	Cover, Board Return Table		1
3	055533	Mount Weldment, Board Return Table (LT40)		1
	038992	Mount Weldment, Board Return Table (LT30)		1
4	F05006-9	Bolt, 5/16-18 x 1" Carriage Head		8
5	F05011-17	Washer, 5/16" SAE Flat		8
6	F05010-58	Nut, 5/16-18 Nylon Lock		8
7	003207	Bolt, 3/8-16 x 4" x 5" 'U'		2
8	F05011-3	Washer, 3/8" SAE Flat		10
9	F05010-10	Nut, 3/8-16 Hex Nylon Lock		7
10	F05007-123	Bolt, 3/8-16 x 1 1/4" Hex Head Grade 5		3
11	016077	Decal, Board Return Table Warning		1
12	015365	Decal, Board Return Danger		1

8.15 Board Outfeed Table (Optional)



REF	PART #	DESCRIPTION	COMMENTS	QTY.
	016652	TABLE ASSEMBLY, BOARD OUTFEED		1
1	016606	Table Weldment, Board Outfeed		1
2	038167	Roller, 2 1/2" x 25"		6
3	016609	Mount Weldment, Outfeed Table Leg		2
4	016651	Leg Weldment, Outfeed Table		4
5	014151	Pin, 3/8" x 2 1/4" Square Wire Lock		4
6	016677	Pin, Snap - Coil Tension		4
7	F05007-135	Bolt, 3/8-16 x 3 1/4" Hex Head		4
8	F05010-10	Nut, 3/8-16 Hex Nylon Lock		4
9	S12641	Decal, Hand Pinch Point Warning		4
10	016991	Decal, 1 1/2" Wood-Mizer Logo		2

8.16 Manual Winch

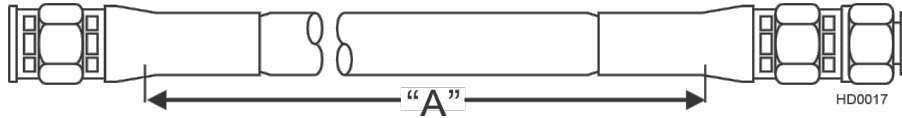


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REF	PART #	DESCRIPTION	COMMENTS	QTY.
	MW-A	MANUAL WINCH ASSEMBLY		1
1	P12323	Winch, Manual 3500lb	Available in assemblies only.	1
2	P04487	Handle, Manual Winch		1
3	P05087	Cable, Manual Winch 7/32" Dia. X 50' Long		1
4	S12321	Bracket, Winch Mount		1
5	F05007-11	Bolt, 3/8-16 X 1 1/4" Carriage		5
6	F05011-3	Washer, 3/8" Flat		1
7	F05010-10	Nut, 3/8-16 Hex Lock		5
8	S09393	Pulley, Winch Cable Guide		1
9	W09429	Bracket, Winch Cable Guide Pulley		1
10	F05012-24	Pin, 1/2" X 1 27/64" Clevis		1
11	F05011-2	Washer, 1/2" Sae Flat		1
12	F05012-1	Pin, 1/8" X 1" Cotter		1
13	F05009-8	Bolt, 5/8-11 X 4" Hex Head Full Thread		1
14	F05010-34	Nut, 5/8-11 Nylon Lock		1

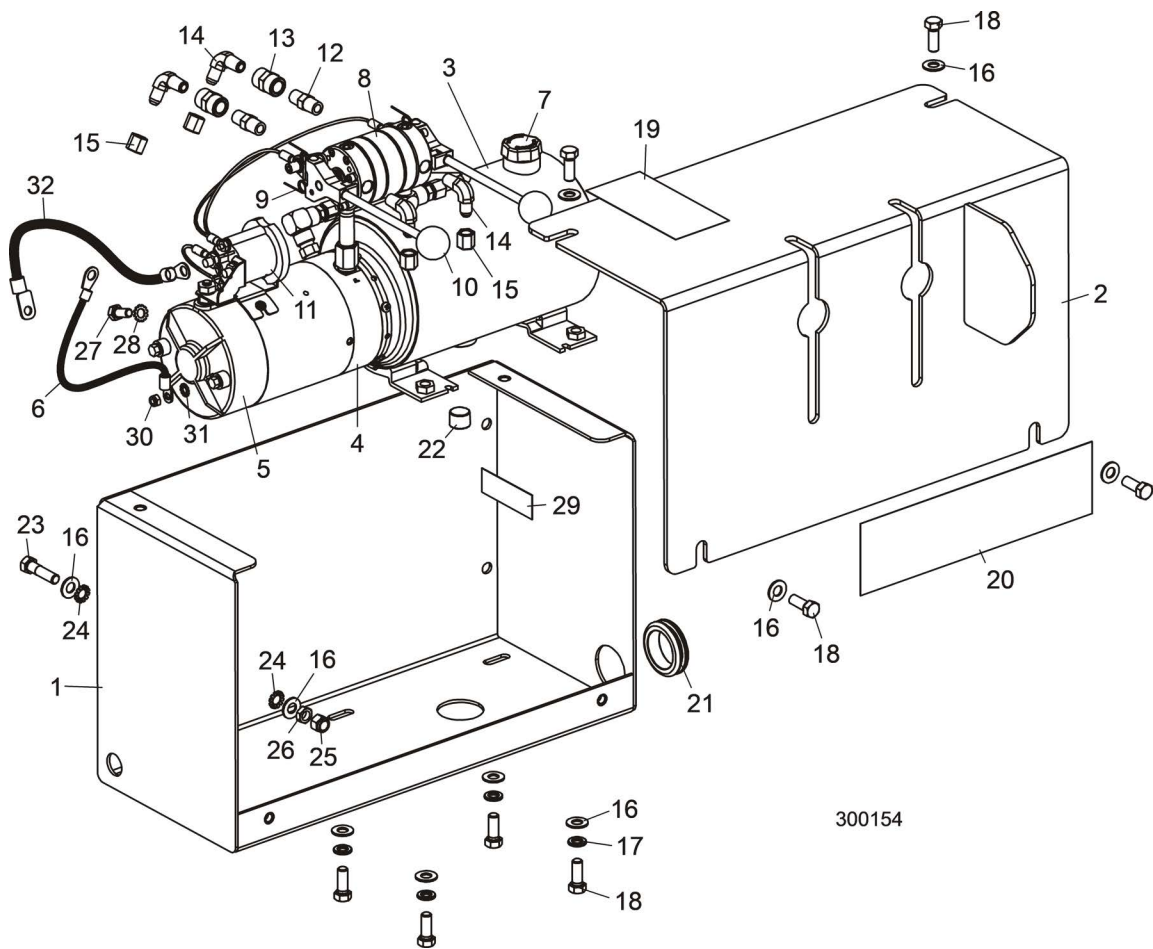
SECTION 9 BED HYDRAULIC LOG LOADER & TURNER (OPTIONAL)

9.1 Hydraulic Hoses



COLOR	LENGTH "A"	DESCRIPTION (NOTE: See Hydraulic Information Section in Operator's Manual for Hydraulic Schematics)	PART #	QTY.
Green	62"	LOADING ARM BRANCH TOP	079000-62	2
Yellow	64"	LOADING ARM BRANCH BASE	079000-64	2
Blue	148"	LOADING ARM TOP	079000-148	1
Red	158"	LOADING ARM BOTTOM	079000-158	1
Plain	27"	LOG TURNER BASE	079000-27	1
Orange	18"	LOG TURNER TOP	079000-18	1
Plain	220"	SIDE SUPPORT TOP	079000-220	1
Pink	206"	SIDE SUPPORT BASE	079000-206	1

9.2 Hydraulic Loader/Turner Control Box

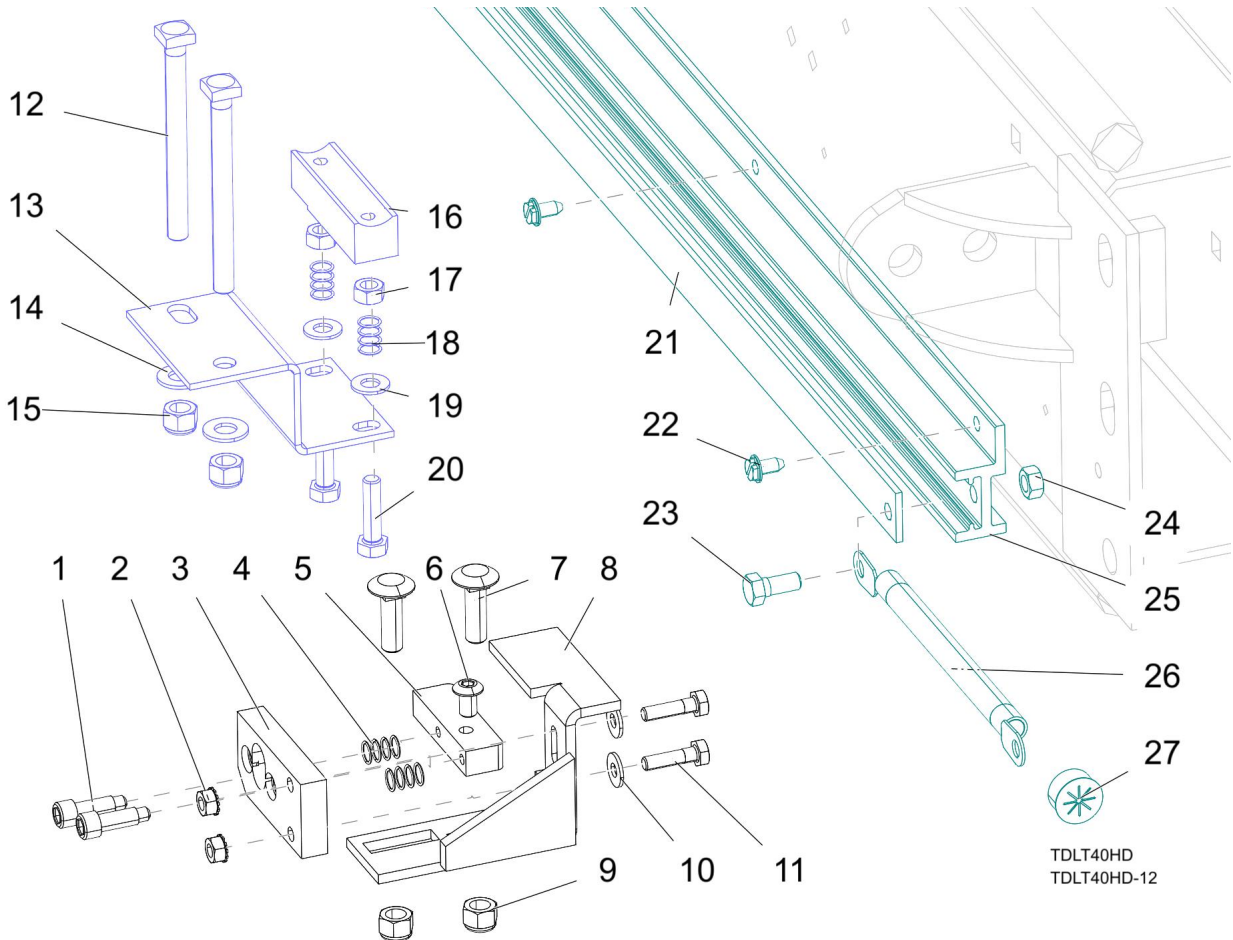


REF	PART #	DESCRIPTION	COMMENTS	QTY.
	025717	BOX ASSEMBLY, HYDRAULIC DUAL FUNCTION CONTROL		1
1	025716	Box Weldment, Hydraulic Dual Function Control		1
2	025714	Cover Weldment, Hydraulic Dual Function Control		1
3	025713	Pump/Valve Assembly, Hydraulic Dual Function #M-500 4W/4W		1
4		Pump, Hydraulic Replacement Monarch Model #12171-250		1
	052807	Motor Kit, Hydraulic Replacement		1
5	038683	Motor, 12 VDC Hydraulic Pump #08714 (Iskra)	Available in assemblies only.	1
	038682	Brush Kit, 4-Valve Hydraulic Pump Motor #08658-1 (Iskra)		1
	P12513	Bearing, Base Motor #02318		1
6	052806	Wire Assembly, Motor Brush Ground		1
7	P09596	Cap, Hydraulic Pump Vented Fill #01143		1
8		Valve Assembly, 4-Way Monarch #19760		2
9	025818	Spring, Hydraulic Pump Valve Contact #00015		4
10		Handle Assembly, Hydraulic Pump Valve #		2

9 **Bed Hydraulic System**
Hydraulic Loader/Turner Control Box

REF	PART #	DESCRIPTION	COMMENTS	QTY.
	P09753	Spring, Hydraulic Pump Valve Handle #00018		2
11		Solenoid, 12 VDC Motor Starter #17744		1
12	P05389	Fitting, 1/4" NPT Hex Nipple		2
13	P03420	Fitting, 1/4" NPT Coupling		2
14	P09142	Fitting, 1/4" NPT x 1/4" JIC Male Elbow		4
15	016815	Fitting, 1/4" JIC Cap		4
16	F05011-3	Washer, 3/8" SAE Flat		10
17	F05011-4	Washer, 3/8" Split Lock		4
18	F05007-87	Bolt, 3/8-16 X 1" Hex Head Grade 5		8
19	P12961	Decal, Keep Away Hydraulic Warning		1
20	036720	Decal, Hydraulic Logo		1
21	043405	Grommet, 1 1/2" x 3/16"		1
22	P26258	Fitting, 1/2" NPT Plug		1
23	F05007-78	Bolt, 3/8-16 x 1 1/2" Hex Head Grade 5		1
24	F05011-36	Washer, 3/8" External Star Lock		2
25	F05010-10	Nut, 3/8-16 Hex Nylon Lock		1
26	F05010-29	Nut, 3/8-16 Hex Jam		1
27	F05006-5	Bolt, 5/16-18 x 3/4" Hex Head		1
28	F05011-33	Washer, 5/16" External Star Lock		1
29	S12825	Decal, Hydraulic Fluid		1
30	F05010-200	Nut, M6-1.0 Hex Nylon Lock		1
31	F05011-37	Washer, 1/4" Exterior Star Lock		1
32		Cable Assembly, 10" Pump To Solenoid		1
	P12742	FLUID, 1-QUART DEXRON III HYDRAULIC		4
	006397	FLUID, 1-GALLON CONOCO MV32		1
	P12822	FLUID, 1-GALLON EXXON UNIVIS HVI 13 HYDRAULIC		1

9.3 Hydraulic Power Supply Strip

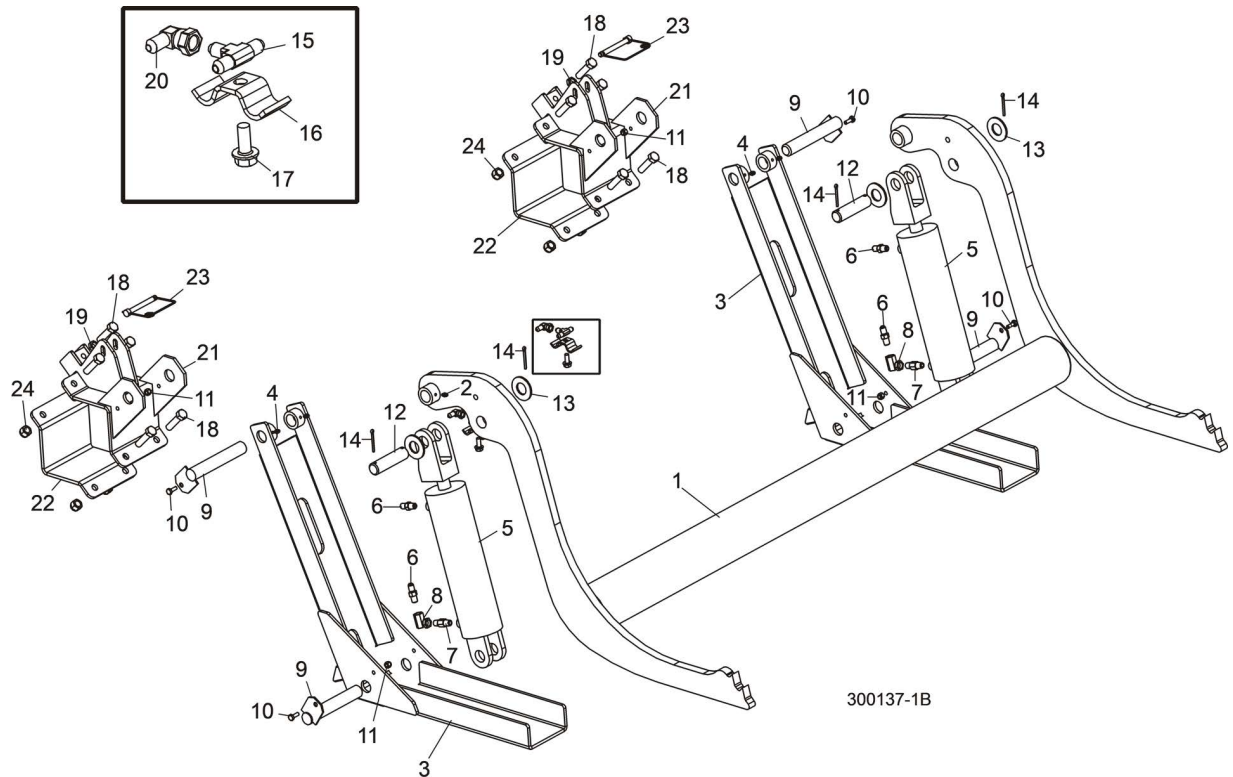


REF	PART #	DESCRIPTION	COMMENTS	QTY.
	017671	Contact Assy, Positive Hyd Power (97+)		1
1	F05006-143	Bolt, 5/16x3/4 Shoulder (1/4-20 Thread)		2
2	F05010-9	Nut, 1/4-20 Keps		2
3	S10072	Plate, 1/2 Nyl Insulator Contact		1
4	P10077	Spring, .42x.59x.042 Comp		2
5	015253	Button, Hot Contact 1997		1
6	F05006-20	Screw, 5/16-18x1/2 SBH		1
7	F05007-11	Bolt, 3/8-16x1 1/4 Carriage		2
8	015324	Plate Wdmt, Hot Contact		1
9	F05010-10	Nut, 3/8-16 Hex Nyl Lock		2
10	F05011-11	Washer, 1/4 SAE Flat		2
11	F05005-38	Screw, 1/4-20x1 HHC		2
	016797	Ground Assy, Floating Contact		
12	F05007-175	Bolt, 3/8-16x4 Square Head		1
13	016792	Plate, HPS Ground Contact Mount		1
14	F05011-3	Washer, 3/8 Flat SAE		1
15	F05010-10	Nut, 3/8-16 Hex Nyl Lock		2

9 **Bed Hydraulic System**
Hydraulic Power Supply Strip

REF	PART #	DESCRIPTION	COMMENTS	QTY.
16	015264	Block, Exten. Hyd Ground Contact		1
17	F05010-17	Nut, 5/16-18 Hex		2
18	P10077	Spring, .42x.59x.042 Comp		2
19	F05011-17	Washer, 5/16 SAE Flat		1
20	F05006-93	Bolt, 5/16-18x1-1/4 HH FT Gr5		1
	A11977	Strip Assy, 6Ft Contact		1
21	S10075	Strip, 1/8x1x69 13/16 CU		1
22	F05015-1	Bolt, 1/4-20x1/2 SI HH		8
23	F05006-45	Bolt, 5/16-18x3/4 HH Moulded Blk		1
24	F05010-86	Nut, 5/16-18 Nyl Lock Hex		1
25	P11976	Housing, Contact Strip		1
26	052161	Cable Assy, 1AWG Black x36		1
27	P04137	Grommet, 5/8 Wire		1

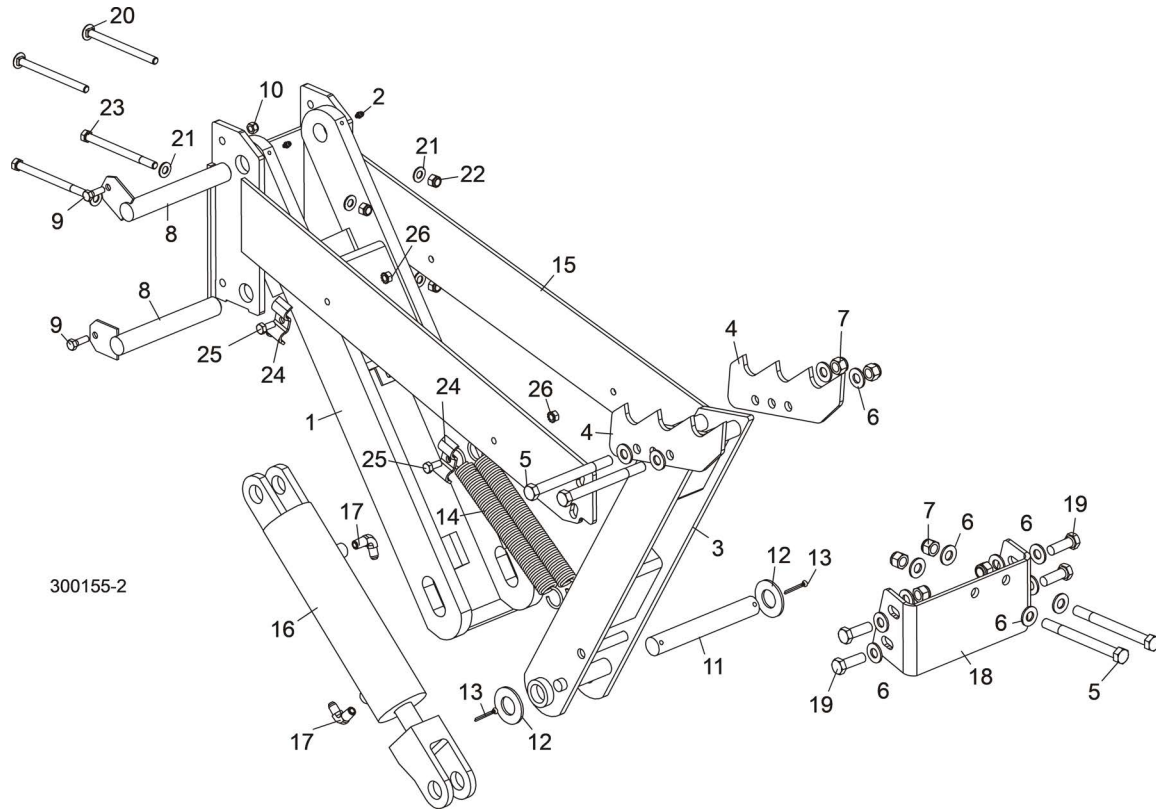
9.4 Hydraulic Log Loader (Optional)



REF	PART #	DESCRIPTION	COMMENTS	QTY.
	LTHDLA-M	LOADER KIT, HYDRAULIC LOG (MANUAL SAW-MILL OPTION)		1
1	036722	Arm, Hydraulic Log Loading		1
2	P04107	Fitting, 3/16" Grease		2
3	W09444	Channel, Hydraulic Log Loading Foot		2
4	P04107	Fitting, 3/16" Grease		4
	A09284	Cylinder Assembly, Hydraulic Log Loading Arm	Available in assemblies only.	2
5	P12847	Cylinder, 8" X 3" Hydraulic		1
	P12956	Seal Kit, 8" x 3" Hydraulic Cylinder		1
6	P09143	Fitting, C5205x4x4 Male Connector		2
7	P12199	Fitting, 0455x4x4 90° Swivel Elbow		1
	015832	Fitting Kit, 1/4NPT 5.0GPM Velocity Fuse		1
8	015750	Fitting, 1/4NPT 5.0GPM Velocity Fuse	Available in assemblies only.	2
	015832-255	Instruction Sheet, Velocity Fuse Replacement		1
9	W09446	Pin, Loading Arm Mount		4
10	F05005-1	Bolt, 1/4-20 x 3/4" Hex Head Full Thread		4
11	F05010-69	Nut, 1/4-20 Hex Lock		4
12	S09251	Pin, Loading Arm Cylinder Mount		2
13	F05011-28	Washer, 1" SAE Flat		4
14	F05012-23	Pin, 3/16" X 1 1/2" Cotter		4
15	P09145	Fitting, C5705x5x4 Union 'T'		2

REF	PART #	DESCRIPTION	COMMENTS	QTY.
16	S09245	Clamp, 1/4" Hydraulic Hose		
17	F05006-102	Bolt, 5/16-18 X 3/4" Hex Head Grade 5		
18	F05008-116	BOLT, 1/2-13 X 2" HEX HEAD FULL THREAD GRADE 5		
19	F05010-31	NUT, 1/2-13 JAM		2
20	036715	FITTING, 1/4" JIC X 1/4" JIC ELBOW		2
21	048270	MOUNT WELDMENT, LOADER ARM		2
22	036737	PLATE WELDMENT, LOADER ARM MOUNT		2
23	038472	PIN ASSEMBLY, 3/8" X 3" WIRE LOCK		2
24	F05010-8	NUT, 1/2-13 HEX NYLON LOCK		8

9.5 Hydraulic Log Turner (Optional)

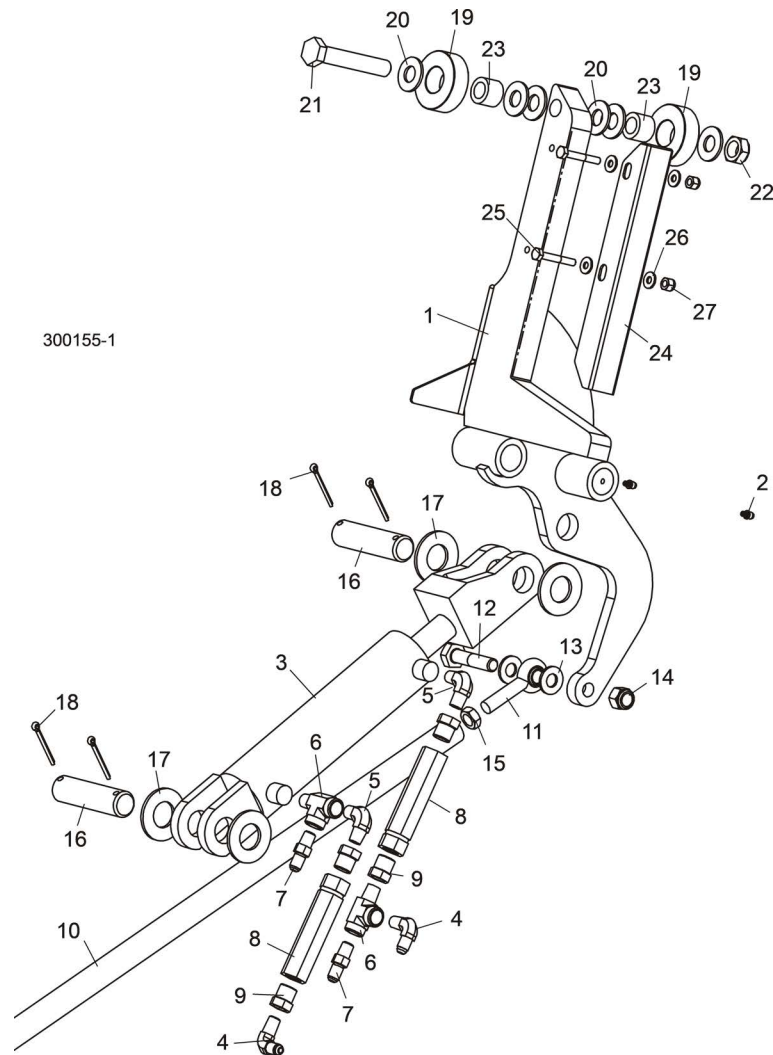


REF	PART #	DESCRIPTION	COMMENTS	QTY.
	007069	ARM ASSEMBLY, MANUAL MILL HYDRAULIC TURNER		1
1	015231	Arm, Hydraulic Log Turner Link		1
2	P04107	Fitting, 3/16" Grease		2
3	015233	Arm, Hydraulic Log Turner Painted		1
4	014675	Claw, Hydraulic Log Turner		2
5	F05008-28	Bolt, 1/2-13 X 5 1/2" Hex Head Grade 5		4
6	F05011-2	Washer, 1/2" SAE Flat		16
7	F05010-8	Nut, 1/2-13 Hex Nylon Lock		8
8	015085	Pin, Log Turner Mount		2
9	F05006-1	Bolt, 5/16-18 X 1" Hex Head Grade 2		2
10	F05010-58	Nut, 5/16-18 Hex Nylon Lock		2
11	S09246	Pin, Log Turner Pivot		1
12	F05011-28	Washer, 1" SAE Flat		2
13	F05012-23	Pin, 3/16" X 1 1/2" Cotter		2
14	015718	Spring, Hydraulic Log Turner		2
15	006999	Mount Weldment, Manual Mill Hydraulic Log Turner		1
	A09286	Cylinder Assembly, Hydraulic Log Turner		1
16	P12846	Cylinder, 8" X 2 1/2" Hydraulic	Available in assemblies only.	1
	P12955	Seal Kit, 8" x 2 1/2" Hydraulic Cylinder		1

9 **Bed Hydraulic System**
Hydraulic Log Turner (Optional)

REF	PART #	DESCRIPTION	COMMENTS	QTY.
17	P09142	Fitting, 1/4" NPT x 1/4" JIC 90° Male Elbow		2
18	007048	Plate, Manual Mill Hydraulic Log Turner Mount		1
19	F05008-33	Bolt, 1/2-13 x 1 1/2" Hex Head Grade 5		4
20	F05007-113	Bolt, 3/8-16 x 5" Carriage Head		2
21	F05011-3	Washer, 3/8" SAE Flat		6
22	F05010-10	Nut, 3/8-16 Hex Nylon Lock		4
23	F05007-5	Bolt, 3/8-16 x 5" Hex Head		2
24	S09245	Plate, 1/4" Hose Clamp		2
25	F05006-102	Bolt, 5/16-18 x 3/4" Hex Head Grade 5		2
26	F05010-20	Nut, 5/16-18 Hex Self-Locking		2

9.6 Hydraulic Log Side Supports (Optional)

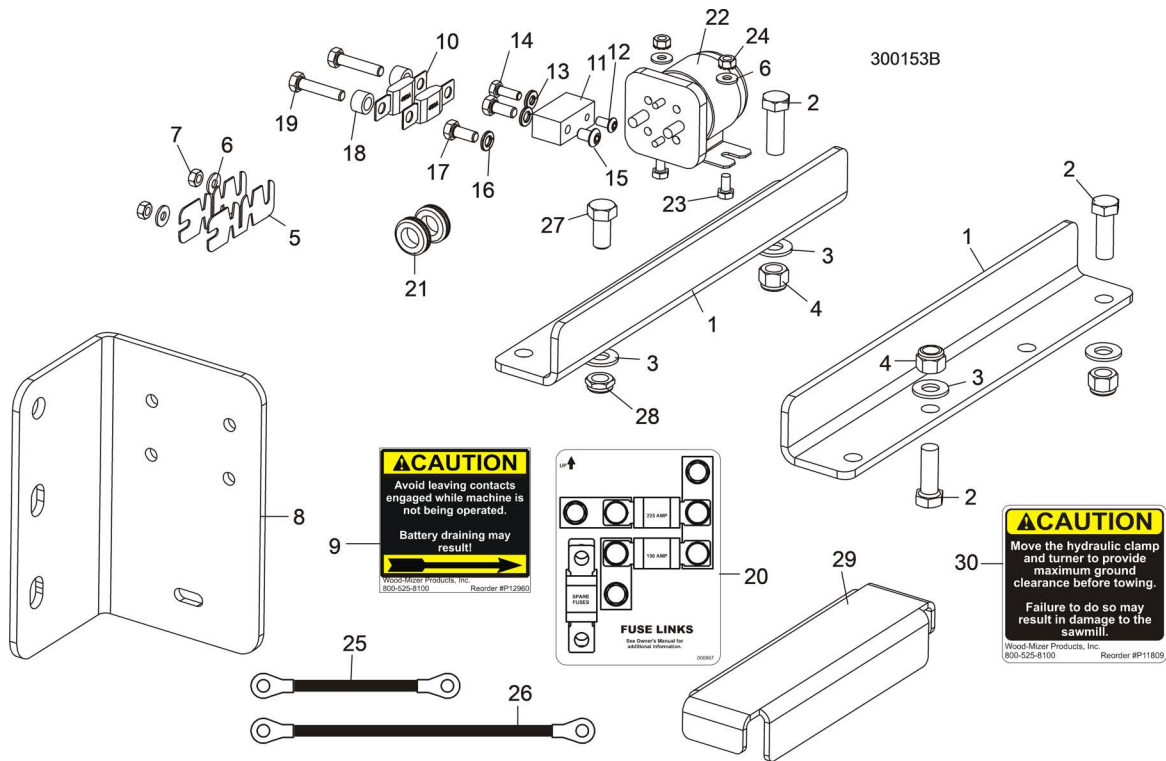


REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	W12339	SUPPORT, HYDRAULIC LOG SIDE		2
2	P04107	Fitting, 3/16" Straight Grease		2
	A09283	CYLINDER ASSEMBLY, HYDRAULIC LOG SIDE SUPPORT		1
3	P12845	Cylinder, 6" X 2" Hydraulic		1
	P12954	Seal Kit, 6" x 2" Hydraulic Cylinder		1
4	P09142	Fitting, 1/4" NPT x 1/4" JIC 90° Male Elbow		2
5	P09140	Fitting, 1/4" NPT 90° Male Elbow		2
6	P09141	Fitting, 1/4" NPT x 1/4" JIC Male Run 'T'		2
7	P09143	Fitting, 1/4" NPT x 1/4" JIC Male Connector		2
8	015484	Valve, Hydraulic Sequence		2
9	015490	Fitting, 3/8" NPT - 1/4" NPT Reducer		4
10	015026	ROD, HYDRAULIC SIDE SUPPORT LINK		1
11	P09137	END, 1/2" ROD		2
12	F05008-10	BOLT, 1/2-13 X 2 1/4" HEX HEAD GRADE 5		2
13	F05011-2	WASHER, 1/2" SAE FLAT		4
14	F05010-8	NUT, 1/2-13 HEX NYLON LOCK		2
15	F05010-16	NUT, 1/2-20 HEX JAM		1

9 **Bed Hydraulic System**
Hydraulic Log Side Supports (Optional)

REF	PART #	DESCRIPTION	COMMENTS	QTY.
16	S09251	PIN, CYLINDER MOUNT		2
17	F05011-28	WASHER, 1" SAE FLAT		4
18	F05012-23	PIN, 3/16" X 1 1/2" COTTER		4
	016562	ROLLER KIT, SIDE SUPPORT (OPTIONAL)		2
19	016561	Roller, Side Support		2
20	F05011-5	Washer, 5/8" SAE Flat	Additional 5/8" SAE Flat Washer F05011-5 may be required on each side of side support to provide clearance for optional stainless steel side support guards. Extra washers are included in the stainless steel guard retrofit kit (016798).	6
21	F05009-118	Bolt, 5/8-11 x 3 3/4" Hex Head Grade 5		1
22	F05010-96	Nut, 5/8-11 Hex Nylon Lock Jam		1
23	016560	Bushing, Bronze 5/8" x 1" x 3/4"		2
	F05008-94	Bolt, 1/2-13 x 3 1/2" Carriage Head		1
	016562-526	Instruction Sheet, Side Support Roller		1
	016798	GUARD KIT, STAINLESS STEEL SIDE SUPPORT (OPTIONAL)		1
24	016722	Guard, Stainless Steel Side Support		4
25	F05005-4	Bolt, 1/4-20 x 1 3/4" Hex Head		8
26	F05011-11	Washer, 1/4" SAE Flat		16
	F05011-5	Washer, 5/8" SAE Flat	Additional 5/8" SAE Flat Washer F05011-5 may be required on each side of side support to provide clearance for optional stainless steel side support guards. Extra washers are included in the stainless steel guard retrofit kit (016798).	4
27	F05010-69	Nut, 1/4-20 Hex Nylon Lock		8
	016798-1005	Instruction Sheet, Stainless Steel Side Support Guard Retro		1

9.7 Miscellaneous Loader & Turner Parts



REF	PART #	DESCRIPTION	COMMENTS	QTY.
1	048269	PLATE, AXLE MOUNT		2
2	F05008-33	BOLT, 1/2-13 X 1 1/2" HEX HEAD GRADE 5		3
3	F05011-2	WASHER, 1/2" SAE FLAT		4
4	F05010-8	NUT, 1/2" HEX NYLON LOCK		3
5	P11550	FUSE, 225A 12V		2
6	F05011-11	WASHER, 1/4" SAE FLAT		4
7	F05010-21	NUT, 1/4-20 HEX LOCK		2
8	048426	BRACKET, WINCH MOUNT		1
9	P12960	DECAL, HYDRAULIC CONTACT CAUTION		1
10	053339	FUSE, 225A 32V MEGA		2
11	056998	BLOCK, 3/4" LOWER FUSE		1
12	F05005-59	SCREW, 1/4-20 X 1/2" SOCKET BUTTON HEAD		1
13	F05011-14	WASHER, 1/4" SPLIT LOCK		1
14	F05005-123	BOLT, 1/4-20 X 3/4" HEX HEAD GRADE 5		1
15	F05006-20	SCREW, 5/16-18 X 1/2" SOCKET BUTTON HEAD		1
16	F05011-13	WASHER, 5/16" SPLIT LOCK		2
17	F05006-102	BOLT, 5/16-18 X 3/4" HEX HEAD GRADE 5		2
18	055323	SPACER, .39" X .625" X .39"		2
19	F05006-2	BOLT, 5/16-18 X 1 1/2" HEX HEAD FULL THREAD		2
20	006867	DECAL, 150A/225A MEGA FUSE ID		1
21	P11764	GROMMET, 5/8" ID RUBBER		2
22	016371	SOLENOID KIT, 200A 12V SPST CONT. DUTY		1
	015470	Solenoid, 200A 12V SPST Cont. Duty	Available in assemblies only.	1
	015426	Diode Assembly, Solenoid Coil Chassis Gnd		1

9 Hydraulic Log Loader & Turner (Optional)

Miscellaneous Loader & Turner Parts

REF	PART #	DESCRIPTION	COMMENTS	QTY.
	024451	WIRE ASSEMBLY, HYDRAULIC SOLENOID VOLTAGE DROP		1
23	F05005-15	BOLT, 1/4-20 X 1/2" HEX HEAD		2
24	F05010-9	NUT, 1/4-20 SELF-LOCKING HEX		2
25	036305	CABLE ASSEMBLY, 1 GA X 6 1/2" FUSE TO SOLENOID		1
26	036307	CABLE ASSEMBLY, 1 GA X 14" SOLENOID TO POSITIVE CONTACT		1
27	F05008-128	BOLT, 1/2-13 X 1" HEX HEAD GRADE 8		1
28	F05010-127	NUT, 1/2-13 HEX NYLON HALF NUT		1
29	025745	PLATE, HLT TRAVEL		1
30	P11809	DECAL, BEFORE TOWING CAUTION		1

SECTION 10 MISCELLANEOUS

10.1 Replacement Manuals



REF	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.
Wood-Mizer Product Information			
1	ALL-PRODUCTS CATALOG	PS750	1
Basic Sawmill Manuals			
2	TRU-SHARP BLADE HANDBOOK	M600	1
3	WOOD-MIZER GENERAL INFORMATION	M601	1
4	LT30/LT40 OPERATOR'S MANUAL	M1645	1
5	LT30/LT40 PARTS MANUAL	M1644	1
Power Option Manuals			
6	G28 ENGINE OPTION MANUAL	M1159	1
7	KOHLER CH20/CH25 OWNER'S MANUAL	015993	1
8	KOHLER CH20/CH25 SERVICE MANUAL	015994	1
9	D35 ENGINE OPTION MANUAL	M1573	1
10	D36 ENGINE OPTION MANUAL	M1598	1
Trailer Option Manuals			
11	STANDARD TRAILER OPTION	M793	1
Miscellaneous Option Manuals			
12	MANUAL WINCH OPTION MANUAL	M619-23	1
13	LOG TURNER OPTION MANUAL	M620	1
14	MANUAL TOE BOARD OPTION MANUAL	M627	1
15	SHINGLE/LAPSIDER OPTION MANUAL	M621	1
16	OPERATOR'S SEAT OPTION MANUAL	M613	1
17	RESAW ATTACHMENT OPTION MANUAL	M263	1
18	BED EXTENSION OPTION MANUAL	M294	1
19	MKII DEBARKER ATTACHMENT OPTION MANUAL	M546	1
20	ACCUSET 2 OPTION MANUAL	M1517	1
21	SIMPLE SET OPTION MANUAL	M1611	1
22	LASER SIGHT OPTION MANUAL	M679	1
23	AUTOCLUTCH OPTION MANUAL	M883	1
24	LUBE-MIZER OPTION MANUAL	M885	1
25	LATHE-MIZER OPTION MANUAL	M1337	1
Electrical Diagrams			
26	G28 ELECTRICAL INFORMATION	M1154	1
27	D35 ELECTRICAL INFORMATION	M1574	1
28	D36 ELECTRICAL INFORMATION	M1595	1