

Wood-Mizer®

Replacement Parts Manual

HR115, HR115 EC, HR115 G25

rev.A3.05



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

Form #925

Table of Contents

Section-Page

SECTION 1	GENERAL INFORMATION	1-1
1.1	How To Use the Parts List.....	1-1
1.2	Sample Assembly	1-1
SECTION 2	BLADE GUIDE ROLLERS & ARM	2-1
2.1	Blade Guide Assembly, Idle Side.....	2-1
2.2	HR110/115 Adjustable Blade Guide Roller	2-2
2.3	Blade Guide Assembly, Drive Side.....	2-3
2.4	Blade Guide Roller Guards	2-4
2.5	Blade Guard.....	2-5
SECTION 3	BLADE WHEELS & TENSIONER	3-1
3.1	Blade Wheel Assembly, Drive Side	3-1
3.2	Blade Wheel Assembly, Drive Side, Motor E15	3-2
3.3	Blade Wheel Assembly, Idle Side	3-3
3.4	Blade Tensioner Assembly	3-5
3.5	Motor Assembly, HR110.....	3-7
3.6	Motor Assembly, HR115.....	3-8
SECTION 4	ENGINE KIT HR115	4-1
4.1	Engine Assembly HR115 G25 600120-3	4-2
4.2	Engine Mount Kit G25 HR115G25. 592859	4-3
4.3	Alternator Kit 531669	4-4
4.4	Throttle Cable Assembly 506280	4-5
4.5	Muffler Guard 520167	4-6
4.6	Fuel Pump Assembly 520170	4-7
4.7	Tank Fuel Assembly G25 592860	4-8
4.8	Battery Box 592874	4-10
4.9	Belt Tensioner & Brake 096448	4-11
4.10	Tension Roller w/Brake 097446	4-12
4.11	Tension Roller 511166	4-13
4.12	Tensioner and Brake Handle 097436	4-14
4.13	SW-10 Setworks Mounting Kit 592875	4-16
4.14	Motoreducer HR115G25 592857	4-17
4.15	Up/Down Drive 531679	4-18
4.16	Control Panel 600119	4-19
4.17	Mast Cover 592945	4-21

SECTION 5 SAW HEAD & FEED TRACK

5-1

5.1	Blade Housing Cover	5-1
5.2	Water Lube Assembly	5-3
5.3	Blade Lube System (not available in EC version).....	5-4
5.4	Decals, HR115.....	5-5
5.5	Control Panel, HR115	5-7
5.6	Control Box	5-9
5.7	Electrical Box Decals	5-10
5.8	Front Hold-Down Roller	5-11
5.9	HR115W Front Hold-Down Roller	5-13
5.10	Rear Hold-Down Roller	5-15
5.11	Rear Roller (600 mm).....	5-16
5.12	Infeed, Outfeed & Return Tables	5-17
5.13	Feed Track Assembly	5-18
5.14	Complete Table, HR115W 600mm.....	5-20
5.15	Table, Idle Roller.....	5-22
5.16	Mast & Tilt Adjustment Assembly.....	5-23
5.17	Complete Table, HR115G25 600mm 592877	5-25

SECTION 6 UP/DOWN SYSTEM

6-1

6.1	AC Up/Down Drive Assembly.....	6-1
6.2	Slide Pads & Blade Height Scale	6-3
6.3	Up/Down Limit Switches.....	6-5
6.4	Up/Down Drive Assembly HR115G25. 592878	6-6

Getting Service

Wood-Mizer is committed to providing you with the latest technology, best quality and strongest customer service available on the market today. We continually evaluate our customers' needs to ensure we're meeting current wood-processing demands. Your comments and suggestions are welcome.

General Contact Information

From Europe call your local distributor or our European Headquarters and Manufacturing Facility in Koło, Nagórna 114 St, Poland at **+48-63-2626000**. From the continental U.S., call our U.S. Headquarter 8180 West 10th St.Indianapolis, IN 46214, toll-free at **1-800-525-8100**. Ask to speak with a Customer Service Representative. Please have your machine identification number and your customer number ready when you call. The Service Representative can help you with questions about the operation and maintenance of your machine. He also can schedule you for a service call.

Office Hours:

Country	Monday - Friday	Saturday	Sunday
Poland	7 a.m.- 3 p.m.	Closed	Closed
US	8 a.m.- 5 p.m.	8 a.m.- 12 p.m	Closed

Please have your vehicle identification number and your customer number ready when you call.

Wood-Mizer will accept these methods of payment:

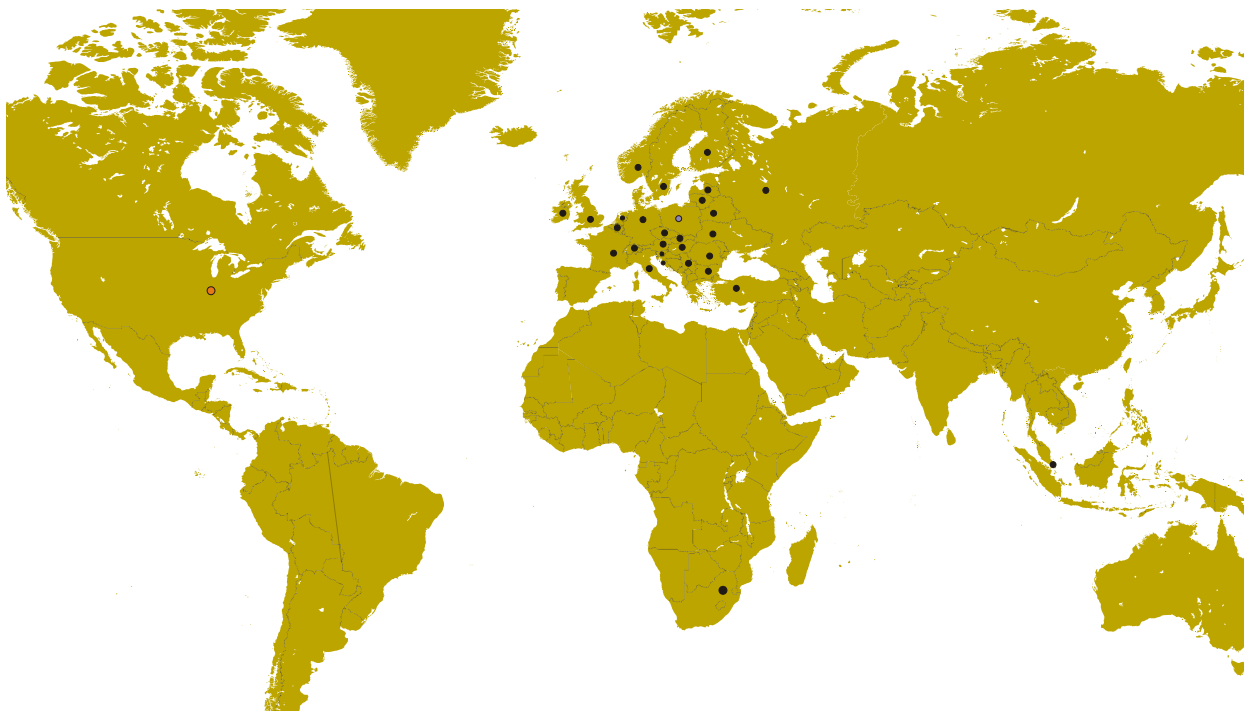
- Visa, Mastercard, or Discover
- COD
- Prepayment
- Net 15 (with approved credit)



Be aware that shipping and handling charges may apply. Handling charges are based on size and quantity of order.

Technical data are subject to change without prior notice.

Actual product may differ from product images. Some illustrations show machines with optional equipment.

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Branches & Authorized Sales Centers

For a complete list of dealers, visit www.woodmizer.com

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 **1-800-525-8100**. 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.

Office Hours:

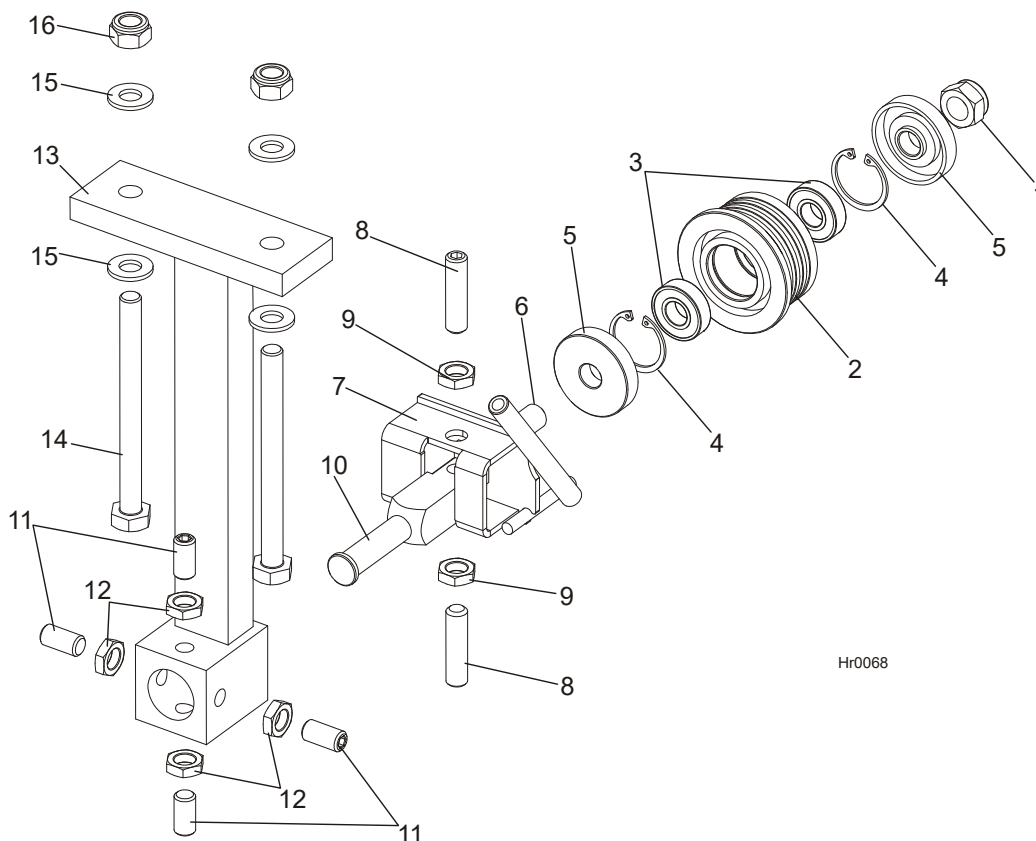
Country	Monday - Friday	Saturday	Sunday
Poland	7-15	Closed	Closed
US	8 a.m.- 5 p.m.	8 a.m.- 12 p.m.	Closed



CAUTION! It is strongly recommended that only original spare parts be used.

SECTION 2 BLADE GUIDE ROLLERS & ARM

2.1 Blade Guide Assembly, Idle Side

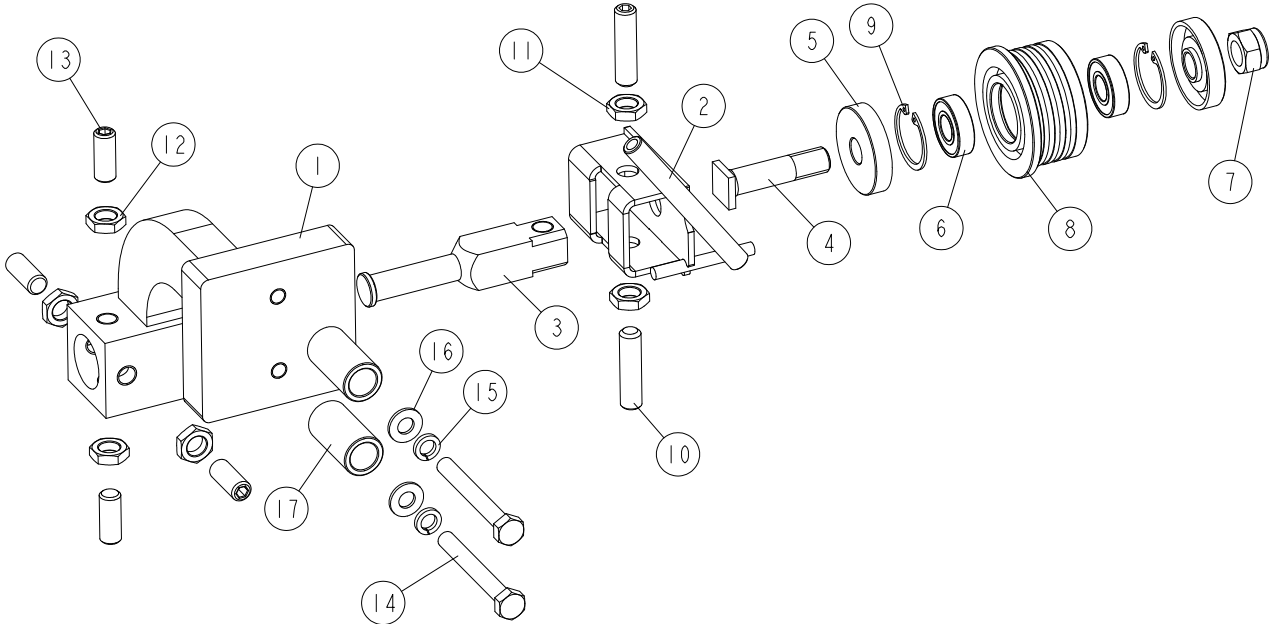


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REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY	
	ROLLER, HR115 ADJUSTABLE BLADE GUIDE	504863	1	
	BLADE GUIDE ASSEMBLY, IDLE SIDE	505613	1	
	ROLLER, BLADE GUIDE COMPLETE STANDARD	087887	1	
1	NUT, M12-8 HEX NYLON ZINC LOCK	F81034-2	1	
2	ROLLER, BLADE GUIDE NARROW	087889	1	◆
3	BEARING, 6001 2RSR FAG	087893	2	
4	RING, W28 INSIDE RETAINING	F81090-9	1	
5	WASHER, ZINC-PLATED SPACER	087891-1	2	
6	SHAFT, BLADE GUIDE ROLLER ZINC-PLATED	087763-1	1	
7	BRACKET WELDMENT, IDLE SIDE BLADE GUIDE	094681-1	1	
8	SCREW, M10X1X40 DIN 913 A2-70 SET STAINLESS STEEL	F81015-2	2	
9	NUT, M10X1-04-ST-A2 ISO 8675 THIN	F81033-10	2	
10	SHAFT, ZINC-PLATED BLADE GUIDE MOUNT	088255-1	1	
11	SCREW, M10X1X25 DIN 913 SET STAINLESS STEEL	F81015-4	4	
12	NUT, M10X1-04-ST-A2 ISO 8675 THIN	F81033-10	4	
13	BRACKET, HR115 ADJUSTABLE BLADE GUIDE	504860-1	1	
14	BOLT, M10 X 115-8.8 HEX HEAD ZINC	F81003-19	2	
15	WASHER, 10.5 FLAT ZINC	F81055-1	4	
16	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	2	

2.2 HR110/115 Adjustable Blade Guide Roller

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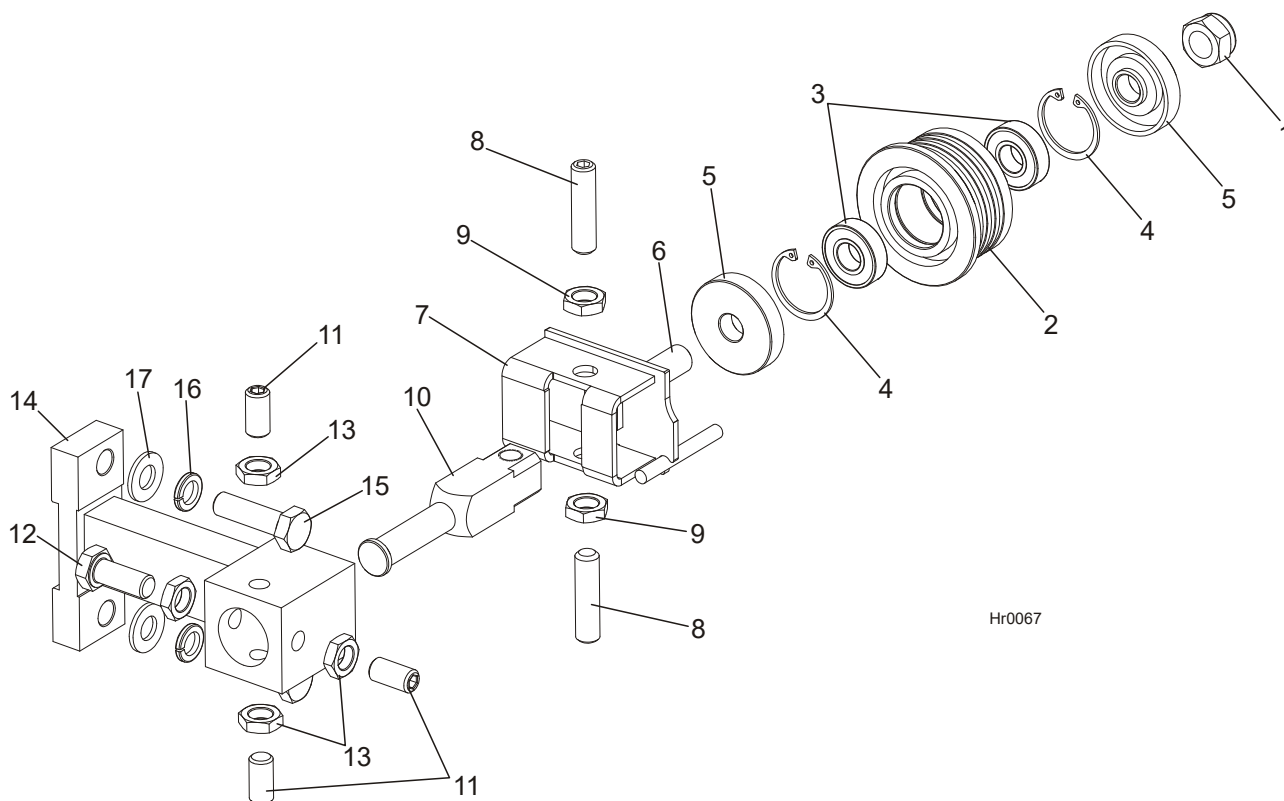


REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART #	QTY
-	ROLLER, HR110/115 ADJUSTABLE BLADE GUIDE - COMPLETE	546302	1
1	BRACKET, HR110/115 ADJUSTABLE BLADE GUIDE ROLLER	546303-1	1
-	BLADE GUIDE ASSEMBLY, IDLE SIDE	505613	1
2	BRACKET WELDMENT, BLADE GUIDE ROLLER ZINC-PLATED MOUNT	094681-1	1
3	SHAFT, ZINC-PLATED BLADE GUIDE MOUNT	088255-1	1
-	ROLLER, BLADE GUIDE NARROW W/BEARINGS	087887	1
4	SHAFT, BLADE GUIDE ROLLER ZINC-PLATED	087763-1	1
5	SPACER, ZINC-PLATED	087891-1	2
6	BEARING, 6001 2RSR (FAG, SKF)	087893	2
7	NUT, M12-8 DIN 982 HEX NYLON ZINC LOCK	F81034-2	1
8	ROLLER, BLADE GUIDE NARROW	087889	1
9	RING, W28 INSIDE RETAINING	F81090-9	2
10	SCREW, M10X1X40 DIN913 A2-70 STAINLESS STEEL SET	F81015-2	2
11	NUT, M10X1-04-ST-A2E ISO8675 THIN	F81033-10	2
12	NUT, M10X1-04-ST-A2E ISO8675 THIN	F81033-10	4
13	SCREW, M10X1X25 DIN 913 STAINLESS STEEL SET	F81015-4	4
14	BOLT, M8X65 5.8-HEX HEAD ZINC	F81002-3	2
15	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	2
16	WASHER, 8.4 FLAT ZINC	F81054-1	2
17	BUSHING, 14/20-39.5 SPACER	546305-1	2

2 BLADE GUIDE ROLLERS & ARM

Blade Guide Assembly, Drive Side

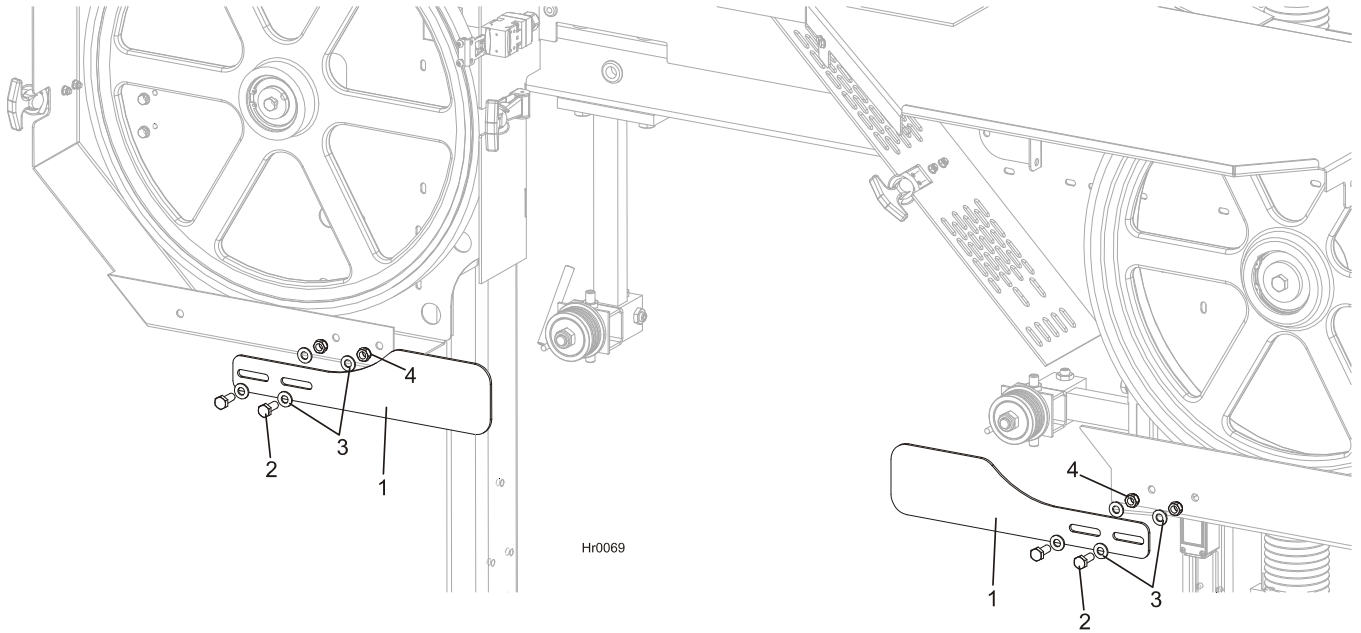
2.3 Blade Guide Assembly, Drive Side



Hr0067

REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY	
	BLADE GUIDE ASSEMBLY, DRIVE SIDE	505612	1	
	ROLLER, BLADE GUIDE COMPLETE STANDARD	087887	1	
1	NUT, M12-8 HEX NYLON ZINC LOCK	F81034-2	1	
2	ROLLER, BLADE GUIDE NARROW	087889	1	◆
3	BEARING, 6001 2RSR FAG	087893	2	
4	RING, W28 INSIDE RETAINING	F81090-9	1	
5	WASHER, ZINC-PLATED SPACER	087891-1	2	
6	SHAFT, BLADE GUIDE ROLLER ZINC-PLATED	087763-1	1	
7	BRACKET WELDMENT, BLADE GUIDE PAINTED	094679-1	1	
8	SCREW, M10X1X40 DIN 913 A2-70 SET STAINLESS STEEL	F81015-2	2	
9	NUT, M10X1-04-ST-A2 ISO 8675 THIN	F81033-10	2	
10	SHAFT, ZINC-PLATED BLADE GUIDE MOUNT	088255-1	1	
11	SCREW, M10X1X25 DIN 913 SET STAINLESS STEEL	F81015-4	3	
12	BOLT, M10X1X25 DIN 933 STAINLESS STEEL	F81003-28	1	
13	NUT, M10x1-04-ST-A2 ISO 8675 THIN	F81033-10	4	
14	BRACKET, HR110 BLADE GUIDE BRACKET, HR115 600MM BLADE GUIDE	504119-1 545511-1	1 1	
15	BOLT, M10X35-8.8 HEX HEAD FULL THREAD ZINC	F81003-17	2	
16	WASHER, 10.2 SPLIT LOCK ZINC	F81055-2	2	
17	WASHER, 10.5 FLAT ZINC	F81055-1	2	

2.4 Blade Guide Roller Guards



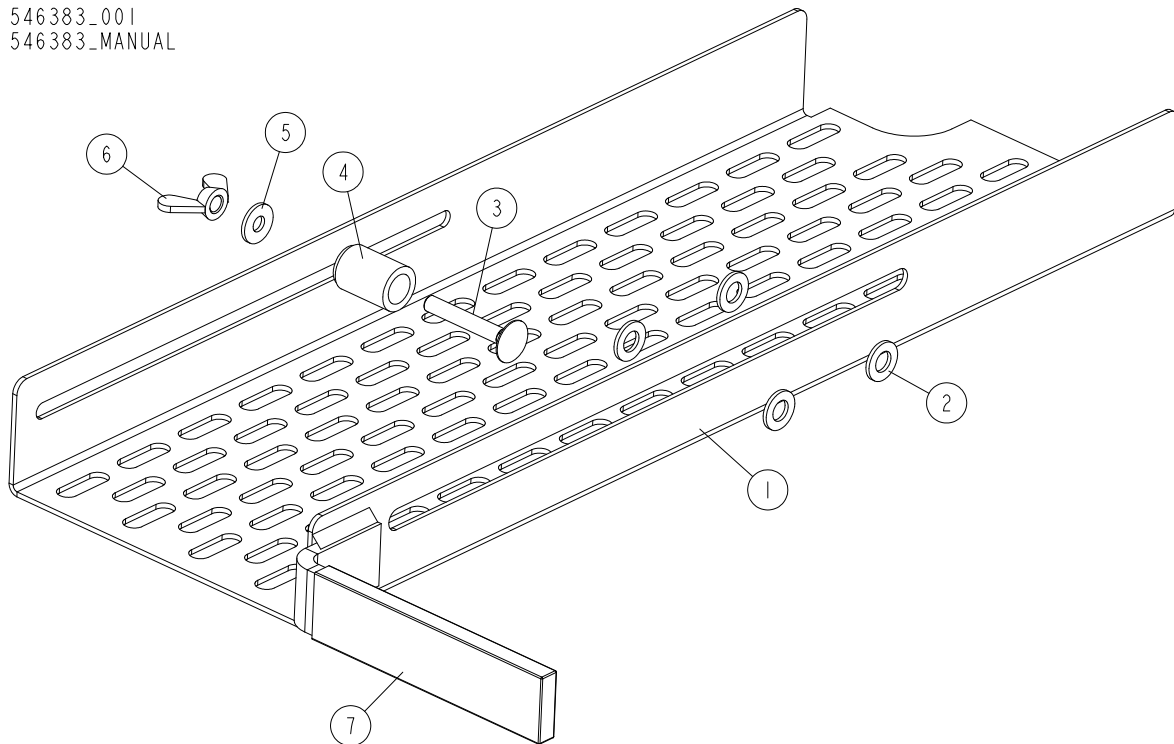
REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY
1	GUARD, HR110/115 BLADE GUIDE ROLLER	504870-1	2
2	BOLT, M8X20-5.8 HEX HEAD FULL THREAD ZINC	F81002-1	4
3	WASHER, 8.4 FLAT ZINC	F81054-1	8
4	NUT, M8-8-B HEX NYLON LOCK ZINC	F81032-2	4

2 BLADE GUIDE ROLLERS & ARM

Blade Guard

2.5 Blade Guard

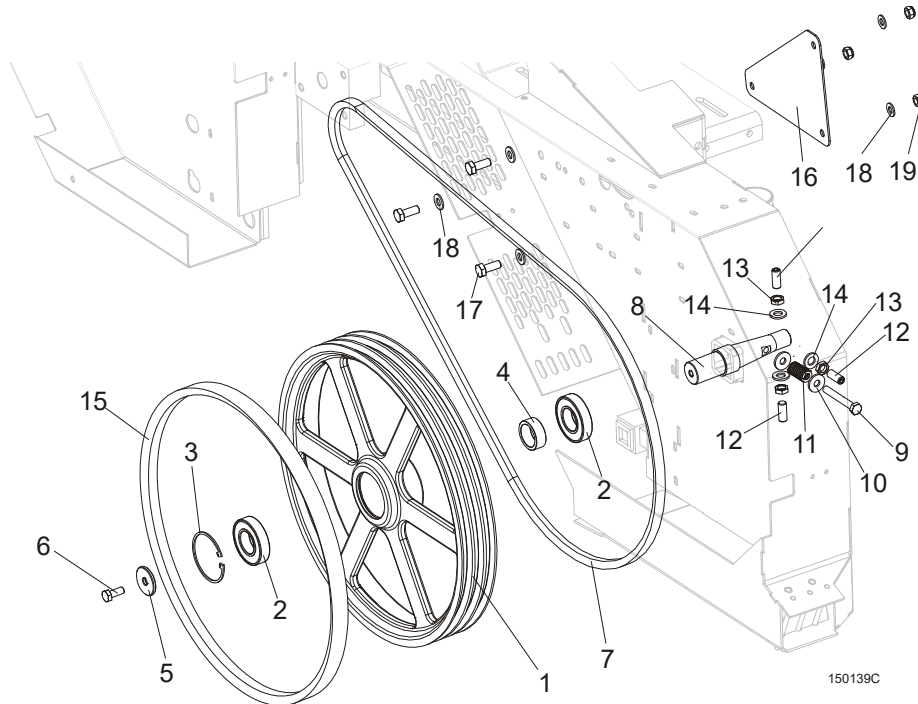
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REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY
	GUARD, HR115 BLADE	546383	1
1	GUARD WELDMENT	546386-1	1
2	WASHER, 8/15X1.5 SLIDE	546387	4
3	BOLT, M6X40-8.8 ZINC CARRIAGE	F81001-122	1
4	BUSHING, 11.4/17.2-25 SPACER	546384-1	1
5	WASHER, 6/15-1.5 SLIDE	546388	2
6	NUT, M6 ZINC WING	F81032-3	1
7	SLEEVE, VINYL GUARD	086875	1

SECTION 3 BLADE WHEELS & TENSIONER

3.1 Blade Wheel Assembly, Drive Side



REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY
	BLADE WHEEL ASSEMBLY, LT15 DRIVE SIDE	093849	1
1	WHEEL, LT15 DRIVE SIDE BLADE	014727 ¹	1
2	BEARING, 6207-2RS 35X72X17 FAG	014811 ²	2
3	RING, 72MM N5002-281 RETAINING	F04254-30	1
4	BUSHING, LT15 BEARING SPACER	093851	1
5	WASHER, LT15 DRIVE SIDE BLADE WHEEL	086286	1
6	BOLT, M10X25-8.8 HEX HEAD FULL THREAD ZINC	F81003-11	1
7	V-BELT, BX81 E11 MOTOR	014819	1 ³
8	SHAFT, LT15 DRIVE SIDE BLADE WHEEL	093850	1
9	BOLT, M10X75-8.8 HEX HEAD ZINC	F81003-15	1
10	WASHER, 10.5 SPECIAL FLAT ZINC	F81055-6	2
11	SPRING, 19X38 COMPRESSION	034430	1
12	SCREW, M12X1,25X30 DIN913 SET STAINLESS STEEL	F81016-1	3
13	NUT, M12X1.25 DIN439 THIN STAINLESS STEEL	F81034-9	3
14	WASHER, 13 FLAT ZINC	F81056-1	3
15	V-BELT, B57	P04185-2	1
16	CAP, BOLTED PTD	094247-1	1
17	BOLT, M8X20-5.8 HEX HEAD FULL THREAD ZINC	F81002-1	3
18	WASHER, 8.4 FLAT ZINC	F81054-1	6
19	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	3

¹ LT15 for Russian market is equipped with drive wheel No. 090646-1

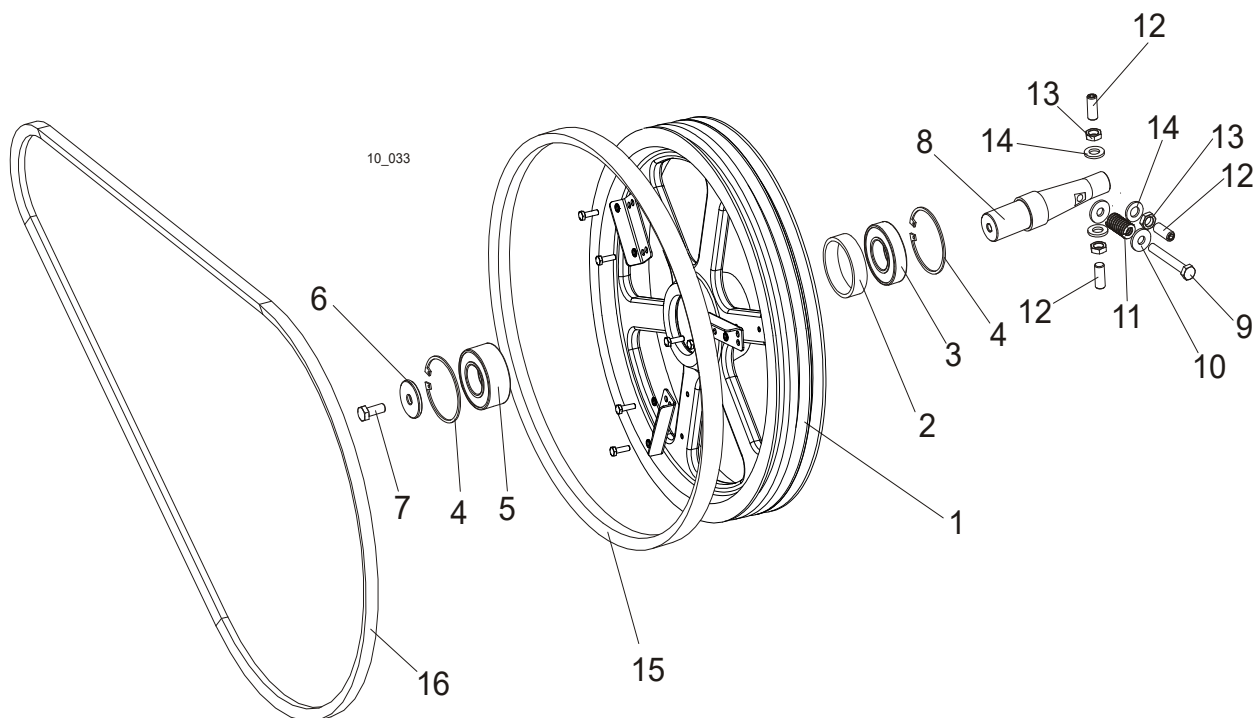
² LT15 for Russian market is equipped with one bearing 014811 and one 092005 (wide)

³ LT15 for Russian market is equipped with two belts.

3 Blade Wheels & Tensioner

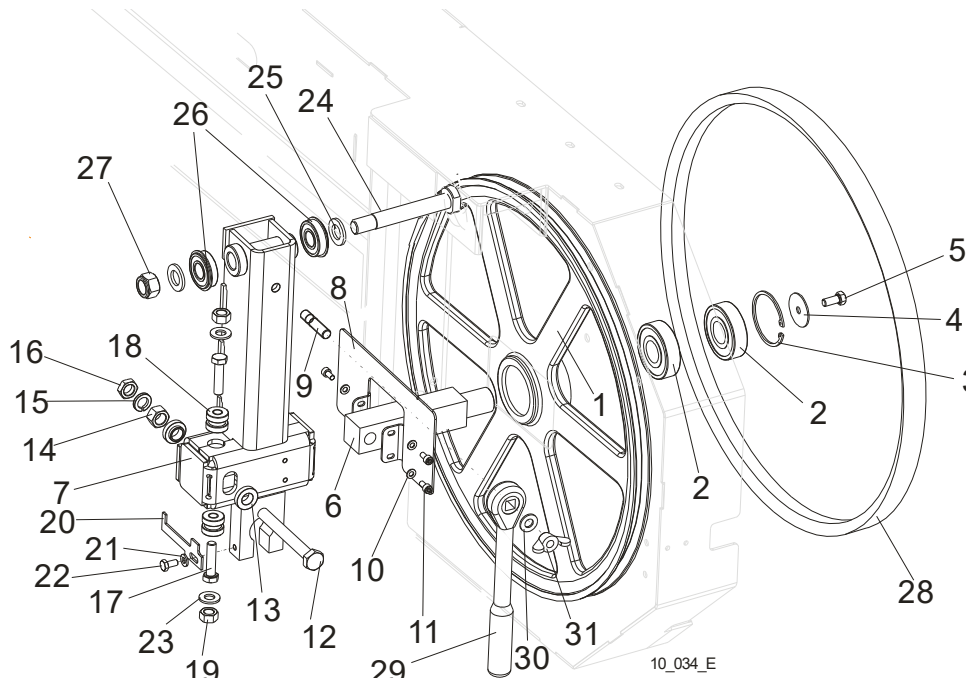
Blade Wheel Assembly, Drive Side, Motor E15

3.2 Blade Wheel Assembly, Drive Side, Motor E15



REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY
-	BLADE WHEEL ASSEMBLY, DRIVE SIDE	550620	1
1	WHEEL, DRIVE SIDE	090646-1	1
2	BUSHING, SPACER	096778	1
3	BEARING, 6207 2RS 35X72X17 FAG	014811	1
4	RING, W72 INSIDE RETAINING	F81090-4	2
5	BEARING, 3207B, 2RSR. TVH FAQ	092005	1
6	WASHER, CLAMPING	092006	1
7	BOLT, M10X25-8.8 HEX HEAD FULL THREAD ZINC	F81003-11	1
8	SHAFT, DRIVE SIDE BLADE WHEEL	093850	1
9	BOLT, M10X75-8.8 HEX HEAD ZINC	F81003-15	1
10	WASHER, 10.5 SPECIAL FLAT ZINC	F81055-6	2
11	SPRING, 3/4 O.D.X 1 1/2 DIE	034430	1
12	SCREW, M12X1.25X30 DIN913 STAINLESS STEEL SET	F81016-1	3
13	WASHER, 13 FLAT ZINC	F81056-1	3
14	NUT, M12X1.25 DIN439 THIN STAINLESS STEEL	F81034-9	3
15	V-BELT, B57	P04185-3	1
16	BELT, BX81 DRIVE	014819	1

3.3 Blade Wheel Assembly, Idle Side



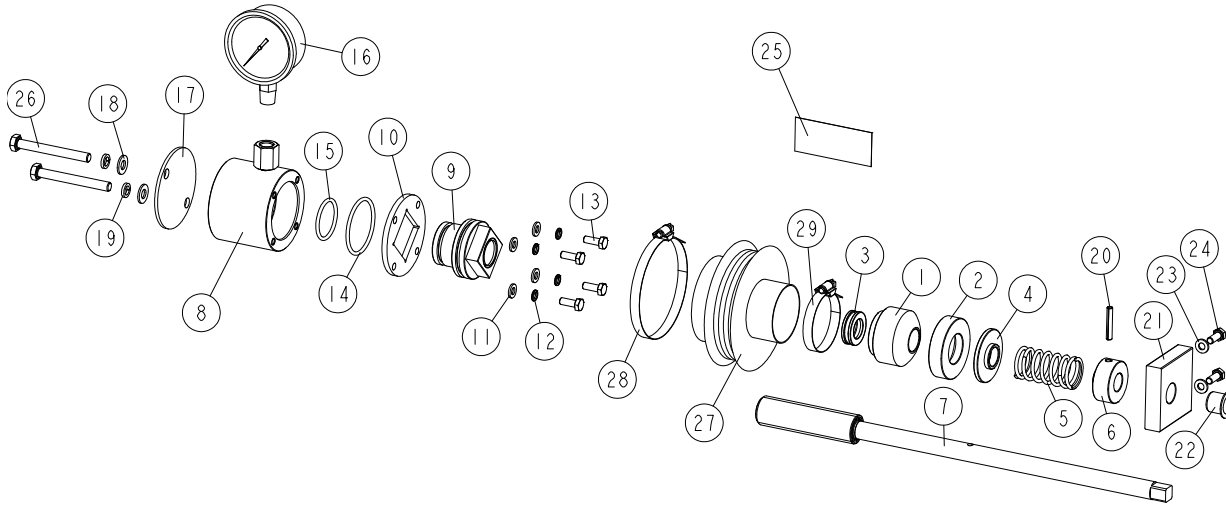
REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY
	WHEEL ASSEMBLY, IDLE SIDE BLADE	A08218	1
1	WHEEL ASSEMBLY, 18.62" BLADE IDLE SIDE	P08125	1
2	BEARING, 6305 2RS NSK IDLE SIDE WHEEL	P08066	2
3	RING, 2 7/16" INSIDE RETAINING	F04254-21	1
	HOUSING, LT10 & LT15 IDLER SHAFT, COMPLETE	100180	1
4	WASHER, IDLE SIDE WHEEL RETAINING	093854-1	1
5	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	1
6	SHAFT, IDLE SIDE BLADE WHEEL (METRIC)	096045	1
	HOUSING, IDLER SHAFT COMPLETE	508145	1
7	HOUSING, IDLER SHAFT WELDED/PAINTED	508144-1	1
8	COVER, HOUSING, IDLER SHAFT COMPLETE PAINTED	508128-1	1
9	BOLT M10X35-8.8	F81003-9	1
10	WASHER, 5.3 FLAT ZINC	F81052-1	3
11	SCREW, M5x10 DIN912 A2-70 HEX SOCKET HEAD	F81000-23	3
12	BOLT, M12X1,25X100-8.8 HEX HEAD FULL THREAD ZINC	F81004-41	1
13	WASHER, FLANGED ZINC-PLATED	086769-1	2
14	NUT, M12X1,25 -8 HEX ZINC	F81034-8	1
15	WASHER, 12.2 SPLIT LOCK ZINC	F81056-2	1
16	NUT, M12x1.25 DIN439 THIN STAINLESS STEEL	F81034-5	1
17	BOLT, M10 X 40-8.8 hex head full thread zinc	F81003-16	2
18	BUSHING, M10 IDLER SHAFT HOUSING	086987	2
19	NUT, M10-8-B HEX HEAD ZINC	F81033-3	2
20	INDICATOR, LT15/LT20 PTD BLADE TENSION	092467-1	1
21	WASHER, 6.4 FLAT ZINC	F81053-1	1
22	BOLT, M6x12-8.8 HEX HEAD FULL THREAD ZINC	F81001-7	1
23	WASHER, 10.5 FLAT ZINC	F81055-1	2
24	PIN, IDLER ARM MOUNT	086404	1

3**Blade Wheels & Tensioner***Blade Wheel Assembly, Idle Side*

25	WASHER, 17 FLAT ZINC	F81058-1	2	
26	BEARING, 6203-2RS NR NSK W/SNAP RING	086395	2	
27	NUT, M16-8 HEX NYLON ZINC LOCK	F81036-2	1	
28	V-BELT, B57	P04185-2	1	
29	WRENCH, LT20 BLADE TENSION	091620	1	
30	WASHER, 10.5 FLAT ZINC	F81055-1	1	
31	NUT, M10 WING	F81033-8	1	

3.4 Blade Tensioner Assembly

510640_001
510640_MANUAL

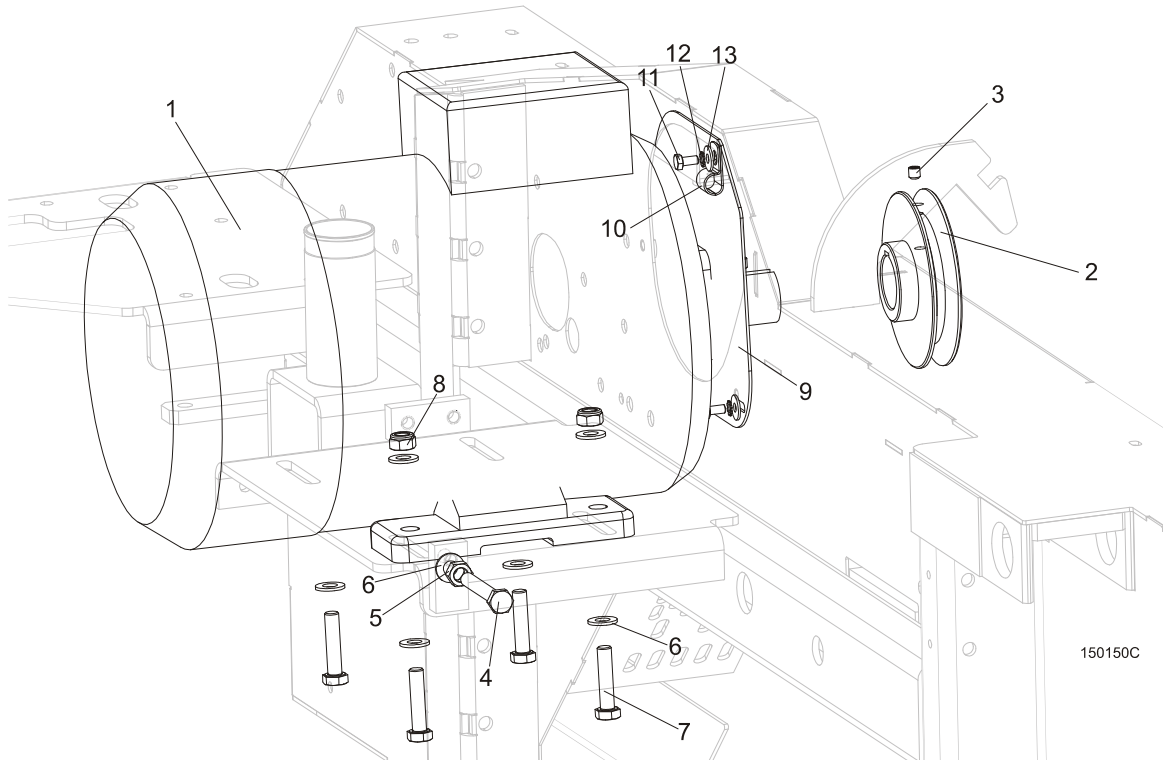


REF	DESCRIPTION (u indicates parts available in assemblies only)	PART #	QTY
-	COMPLETE BLADE TENSIONER	510640	1
1	HOUSING, BALL THRUST BEARING	510635	1
2	SOCKET, BEARING HOUSING	510634-1	1
3	BEARING, 51103. BALL THRUST	086675	1
4	WASHER	510633-1	1
5	SPRING, 60X23X3	088992	1
6	BUSHING, BLADE TENSIONER SCREW	510636-1	1
7	SCREW, BLADE TENSIONER ZINC-PLATED	510650-1	1
-	CYLINDER ASSEMBLY	510641	1
8	CYLINDER ASSEMBLY WITH REDUCTION	550762-1	1
9	PISTON	510638	1
10	PLATE, CYLINDER	510490-1	1
11	WASHER, 6.4 FLAT ZINC	F81053-1	4
12	WASHER, Z 6.1 SPLIT LOCK	F81053-3	4
13	BOLT, M6X16-5.8 HEX HEAD FULL THREAD ZIN	F81001-15	4
14	O-RING, 46.2X3	510646	1
15	O-RING, 32.2X3	510647	1
16	GAUGE, 3000PSI/200 BAR OIL PRESSURE	505176	1
17	COVER, TENSIONER	550761-1	1
18	WASHER, 8.4 FLAT ZINC	F81054-1	2
19	WASHER 8,2 SPLIT LOCK ZINC	F81054-4	2
20	PIN 5X30 ROLL	F81044-21	1
21	BLOCK, TENSIONER HANDLE MOUNT	096730	1
22	BUSHING, GFM-1618-17	089589	1
23	WASHER, 6.4 FLAT ZINC	F81053-1	2
24	BOLT, M6X16-5.8 HEX HEAD FULL THREAD ZIN	F81001-15	2
25	DECAL, BLADE TENSION INDICATOR ADJUSTMEN	510643	1
26	BOLT, M8X70-8.8 HEX HEAD ZINC	F81002-71	2
-	BELLOWS, COMPLETE	515050	1

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

REF	DESCRIPTION (u indicates parts available in assemblies only)	PART #	QTY	
27	BELLOWS	515051	1	
28	CLAMP, 70-80MM DIA.	F81095-5	1	
29	CLAMP, 40-60MM DIA.	F81095-4	1	

3.5 Motor Assembly, HR110

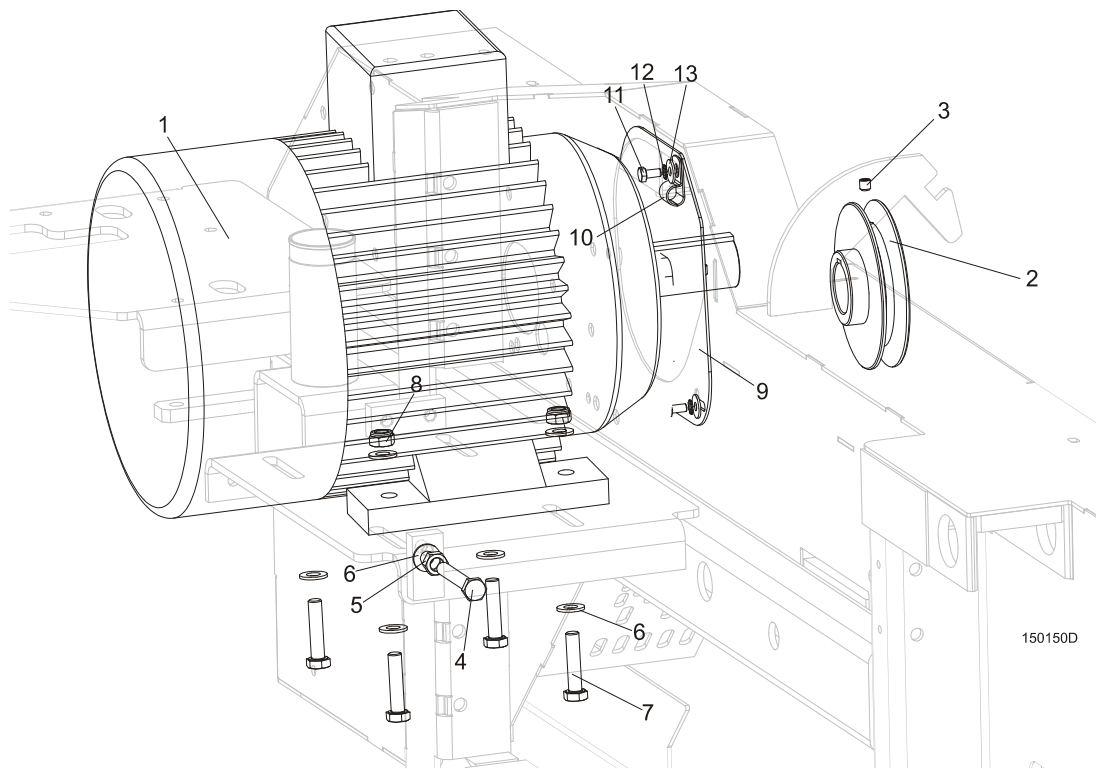


REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY
1	MOTOR, 5.5kW 400V 1LE1002 1CA03-4AA0 ELECTRIC	095785	1
2	PULLEY, LT15 E11 MOTOR ZINC-PLATED	086807-1	1
3	SCREW, M8X8-33H HEX SOCKET SET FLAT POINT ZINC	F81014-1	1
4	BOLT, M10X80-8.8 HEX HEAD FULL THREAD ZINC	F81003-76	2
5	NUT, M10-8-B HEX ZINC	F81033-3	2
6	WASHER, 10.5 FLAT ZINC	F81055-1	10
7	BOLT, M10X45-8.8 HEX HEAD FULL THREAD ZINC	F81003-3	4
8	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	4
9	MOTOR SHAFT COVER, PAINTED, E11/E15	095335-1	1
10	CLAMP, 1/2" EMT COATED	010748	1
11	BOLT M6X12-8.8-FE/ZN5	F81001-7	3
12	WASHER, 6.4 EXTERIOR STAR LOCK ZINC	F81053-2	3
13	WASHER, 6.5 SPECIAL FLAT ZINC	F81053-11	3

3 Blade Wheels & Tensioner

Motor Assembly, HR115

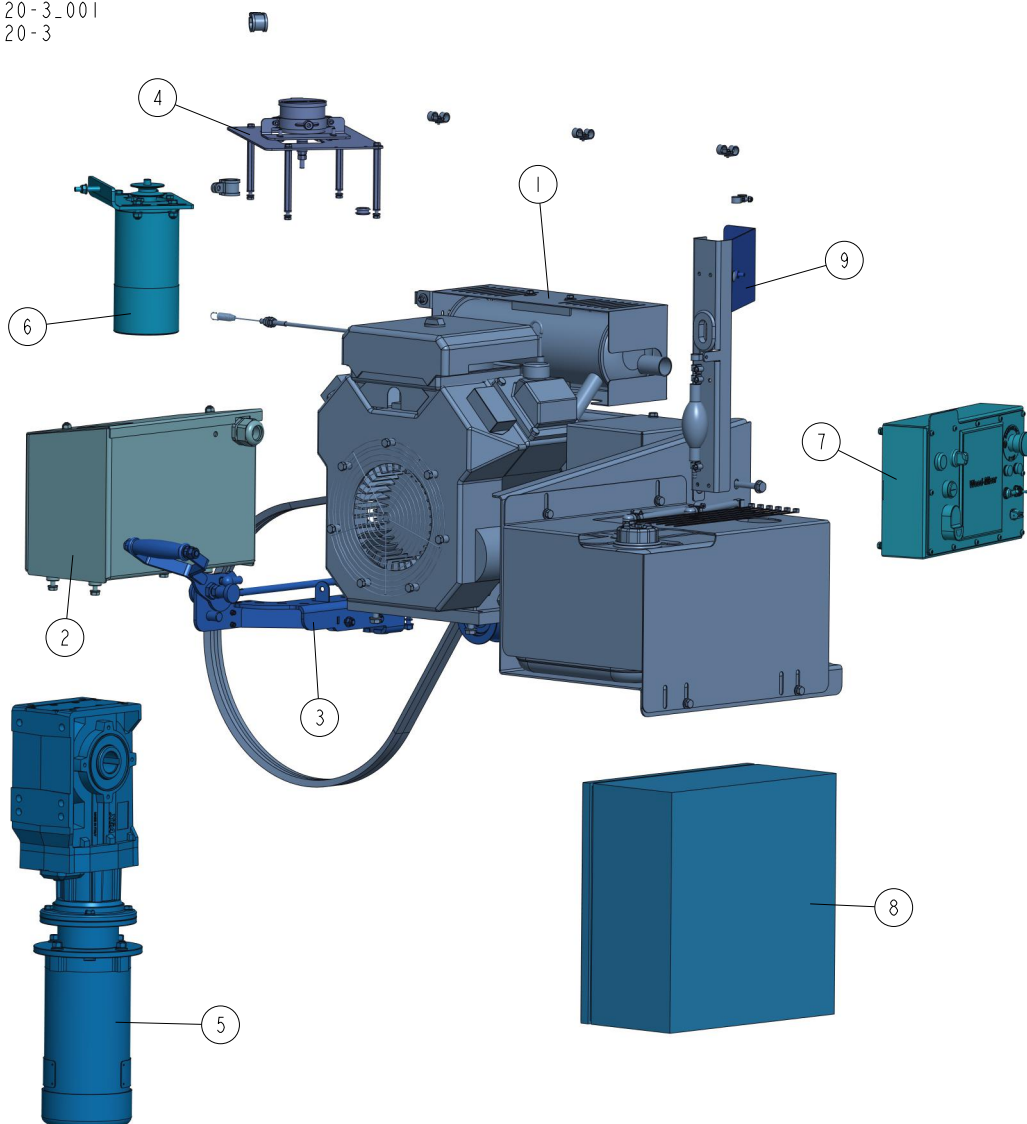
3.6 Motor Assembly, HR115



REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY
1	MOTOR, Sg132S-2B-HM 400V CE(E11)	090993	1
	MOTOR, (7.5KW)11HP 1LA7131-2AA6 400V (E11)	085482	1
	MOTOR, SG132S-2PC, 400 V CE (E15)	089049	1
	MOTOR, ELECTRIC 11KW 3-PHASE 400V (PL) (E15)	P85186	1
	MOTOR, ELECTRIC 11KW 3-PHASE 400V FOR HR115EH15-1 EC(PL) (E15)	P85186	1
2	PULLEY, LT15 E11 MOTOR ZINC-PLATED (FOR E11 MOTORS)	086807-1	1
	PULLEY, E15 2-GROOVE (FOR E15 MOTORS)	538725	1
	PULLEY, E15 125-2 (F02173)	538724	1
	TAPER LOCK, 1610-38 (T31079)	538723	1
	BELT, BX2101LP, LT20	014819-2	1
3	SCREW, M8X8-33H HEX SOCKET SET FLAT POINT ZINC	F81014-1	1
4	BOLT, M10X80-8.8 HEX HEAD FULL THREAD ZINC	F81003-76	2
5	NUT, M10-8-B HEX ZINC	F81033-3	2
6	WASHER, 10.5 FLAT ZINC	F81055-1	10
7	BOLT, M10X45-8.8 HEX HEAD FULL THREAD ZINC	F81003-3	4
8	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	4
9	MOTOR SHAFT COVER, E11/E15	086787	1
10	CLAMP, 1/2" EMT COATED	P07584	1
11	BOLT M6X12-8.8 HEX HEAD FULL THREAD ZINC	F81001-7	3
12	WASHER, 6.4 STAR LOCK ZINC	F81053-2	3
13	WASHER, 6.5 SPECIAL FLAT ZINC	F81053-11	3

SECTION 4 ENGINE KIT HR115

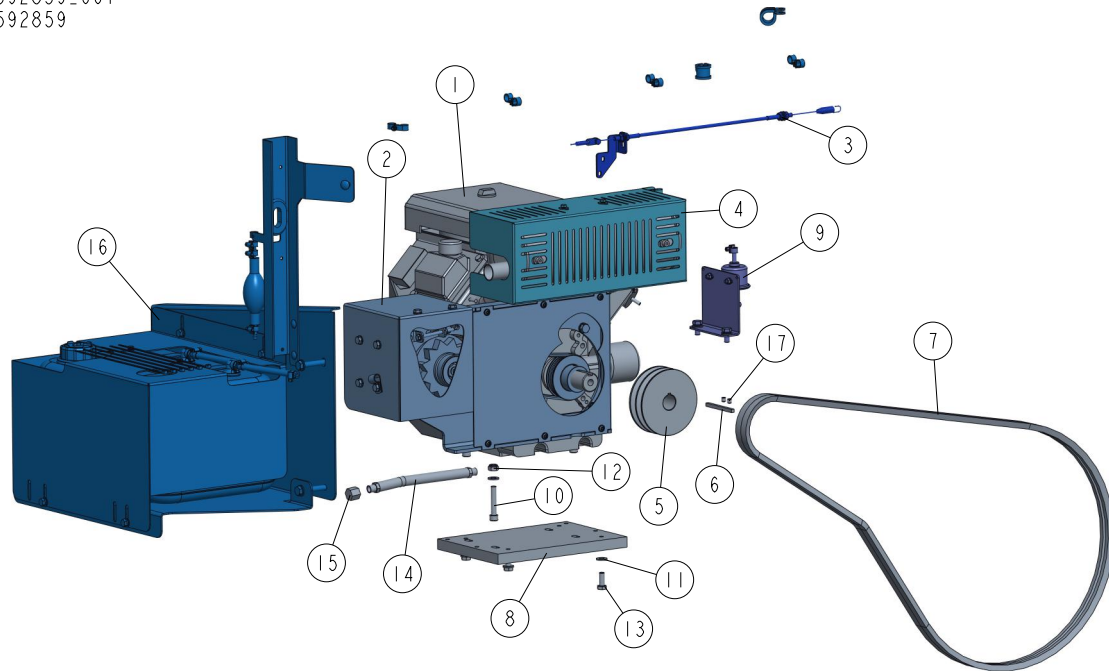
4.1 Engine Assembly HR115 G25 600120-3

600120-3_001
600120-3

REF	DESCRIPTION (◆ indicates parts available in assemblies only)	PART #	QTY
-	ENGINE ASSEMBLY, HR115 G25	600120-3	1
1	MOUNT KIT, G25 ENGINE See Section 4.2	592859	1
2	BATTERY BOX, COMPLETE See Section 4.8	592874	1
3	BELT TENSIONER & BRAKE ASSEMBLY See Section 4.9	096448	1
4	MOUNTING KIT, SW-10 SETWORKS HR115G25 See Section 4.13	592875	1
5	MOTOREDUCER HR115G25 See Section 4.14	592857	1
6	DRIVE, LT15WC DC UP/DOWN - COMPLETE See Section 4.15	531679	1
7	CONTROL PANEL LT15SC/DC See Section 4.16	600119	1
8	ELECTRIC BOX, HR115G25	600200	1
9	COVER, MAST See Section 4.17	592945	1

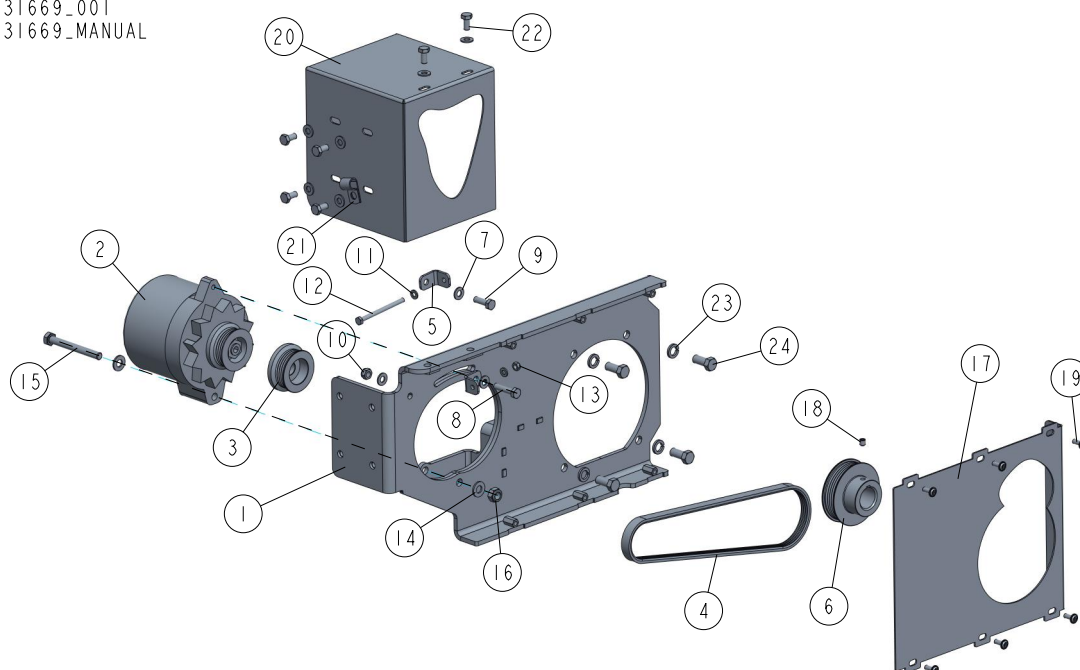
4.2 Engine Mount Kit G25 HR115G25. 592859

592859_001
592859



REF	DESCRIPTION (◆ indicates parts available in assemblies only)	PART #	QTY
-	MOUNT KIT, G25 ENGINE	592859	1
1	ENGINE KIT, KOHLER 25HP BASIC	074352-POL	1
2	ALTERNATOR KIT, LT15WC-G25 See Section 4.3	531669	1
3	CABLE ASSEMBLY, G18/LT15 THROTTLE See Section 4.4	506280	1
4	GUARD, MUFFLER - COMPLETE See Section 4.5	520167	1
5	PULLEY, G19 ENGINE ZINC-PLATED 2-GROOVE	092253-1	1
6	KEY, B6,35X6,35X85 ZINC	097822	1
7	V-BELT, 17BX2250 BX87 2210LI-GOOD-Y	097448	2
8	PLATE, G19/G25 ENGINE MOUNT	534424	1
9	PUMP ASSEMBLY, LT15 G18 FUEL See Section 4.6	520170	1
10	SCREW, M10X55-8.8 HEX SOCKET HEAD CAP ZI	F81003-55	4
11	WASHER, 10.5 FLAT ZINC	F81055-1	8
12	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	4
13	BOLT, M10X25 8.8 HEX HEAD FULL THREAD ZI	F81003-11	4
14	HOSE, 3/8NPTX9 5/8 RUBBER	P10082	1
15	CAP, 3/8 PIPE GALVANIZE	P04332	1
16	TANK FUEL ASSEMBLY G25 See Section 4.7	592860	1
17	SCREW, M8 X 8-33H	F81014-1	2

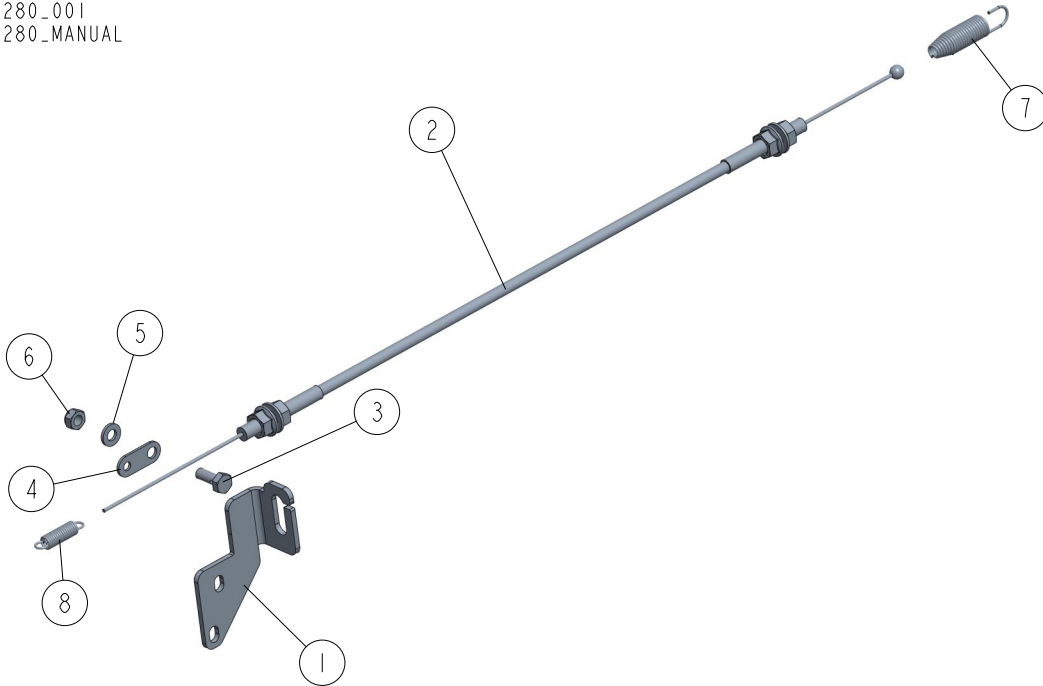
4.3 Alternator Kit 531669

531669_001
531669_MANUAL

REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART #	QTY
-	ALTERNATOR KIT, LT15WC-G25	531669	1
1	BRACKET, LT20 G25 ALTERNATOR MOUNT	097811-1	1
2	ALTERNATOR, 105A 12V CS130	050287	1
3	PULLEY, 105A (050287) ALTERNATOR ZINC-PLATED	506378-1	1
4	BELT, 4PK755 (GOOD-YEAR) MULTI-GROOVE	097815	1
5	TENSIONER, 30A ALTERNATOR BELT	095296-1	2
6	PULLEY, 105A G25 ALTERNATOR DRIVE ZINC-PLATED	097814-1	1
7	WASHER, 8.4 FLAT ZINC	F81054-1	9
8	BOLT, M8X35-8.8 HEX HEAD FULL THREAD ZINC	F81002-13	1
9	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	1
10	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	1
11	WASHER, 6.4 FLAT ZINC	F81053-1	2
12	BOLT, M6X80 8.8 HEX HEAD FULL THREAD ZINC	F81001-61	1
13	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	1
14	WASHER, 10.5 FLAT ZINC	F81055-1	2
15	BOLT, M10X90-8.8-B HEX HEAD ZINC	F81003-66	1
16	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	1
17	GUARD, 105A G25 ALTERNATOR BELT	097816-1	1
18	SCREW, M8X8-33H GEOMET HEX SOCKET SET W/FLAT POINT	F81014-1	1
19	SCREW, M6X16 BN 11252 "BOSSARD" BUTTON HEAD SOCKET CAP W/FLANGE	F81001-24	6
20	GUARD, 105A LT15WC G25 ALTERNATOR	531677-1	1
21	CLAMP, 1/2EMT COATED	P07584	1
22	BOLT, M8X16-8.8-B HEX HEAD FULL THREAD ZINC	F81002-20	6
23	WASHER, Z12.2 SPLIT LOCK ZINC	F81056-2	4
24	BOLT, UNC 7/16-14X1 8.8 DIN 933 BN67 (BOSSARD) HEX HEAD FULL THREAD	F05007-145	4

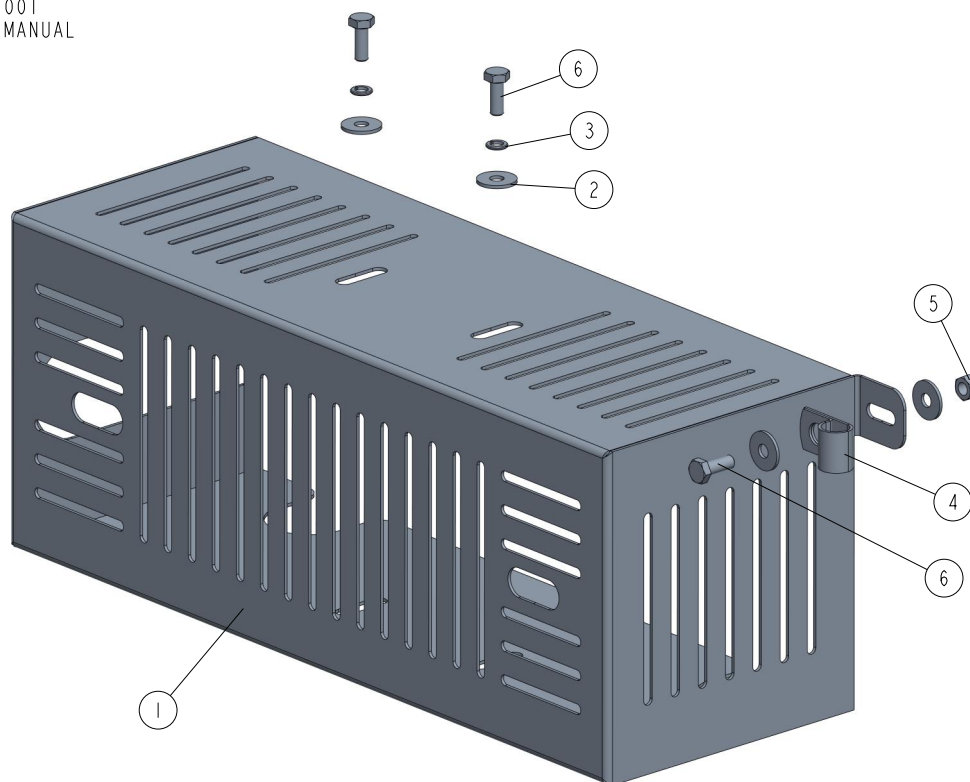
4.4 Throttle Cable Assembly 506280

506280_001
506280_MANUAL



REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART #	QTY
-	CABLE ASSEMBLY, G19/LT15 THROTTLE	506280	1
1	BRACKET, LT15 G19 THROTTLE CABLE	506281-1	1
2	CABLE, LT15 G19 THROTTLE	506282	1
3	BOLT, THROTTLE CABLE ZINC-PLATED CLAMPING	088120-1	1
4	BRACKET, G19 THROTTLE CABLE SPRING	092531	1
5	WASHER, 6.4 FLAT ZINC	F81053-1	1
6	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	1
7	SPRING, 35X9.5X1.6 SPECIAL	097443	1
8	SPRING, 1.3X8X20 EXTENSION	092549	1

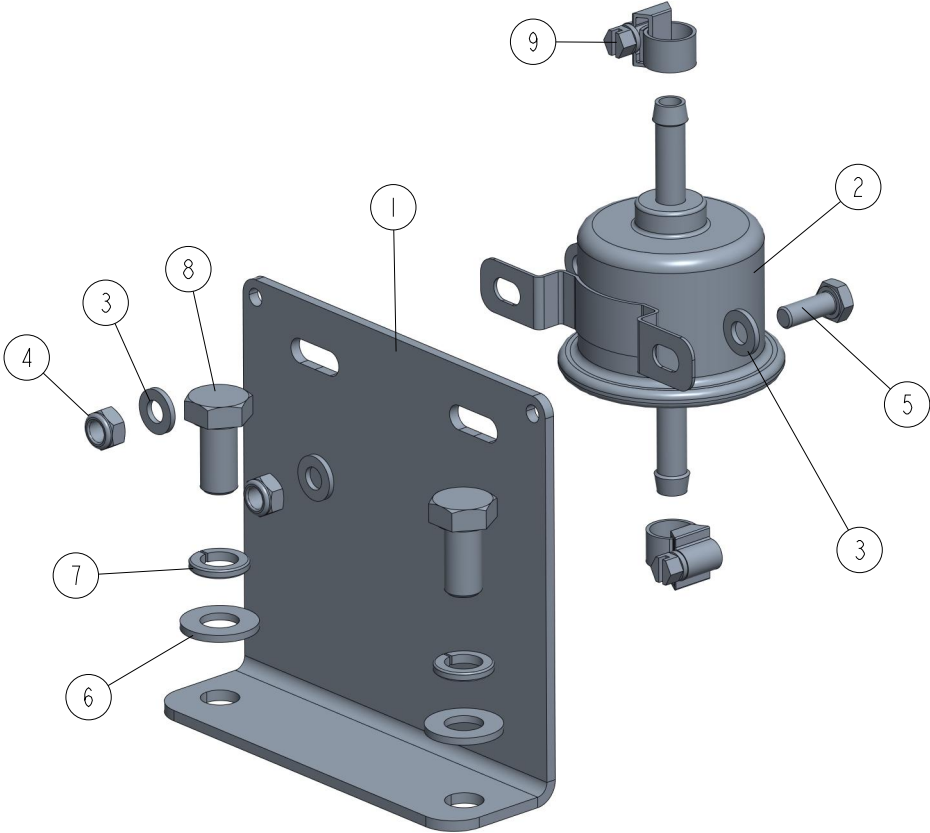
4.5 Muffler Guard 520167

520167_001
520167_MANUAL

REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART #	QTY	
-	GUARD, MUFFLER - COMPLETE	520167	1	
1	GUARD, MUFFLER	521463-1	1	
2	WASHER, 6.5 ZINC SPECIAL FLAT	F81053-11	4	
3	WASHER, Z 6.1 SPLIT LOCK ZINC	F81053-3	2	
4	CLAMP, 1/2EMT COATED	P07584	1	
5	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	1	
6	BOLT, M6X16-8.8 HEX HEAD FULL THREAD ZINC	F81001-15	3	

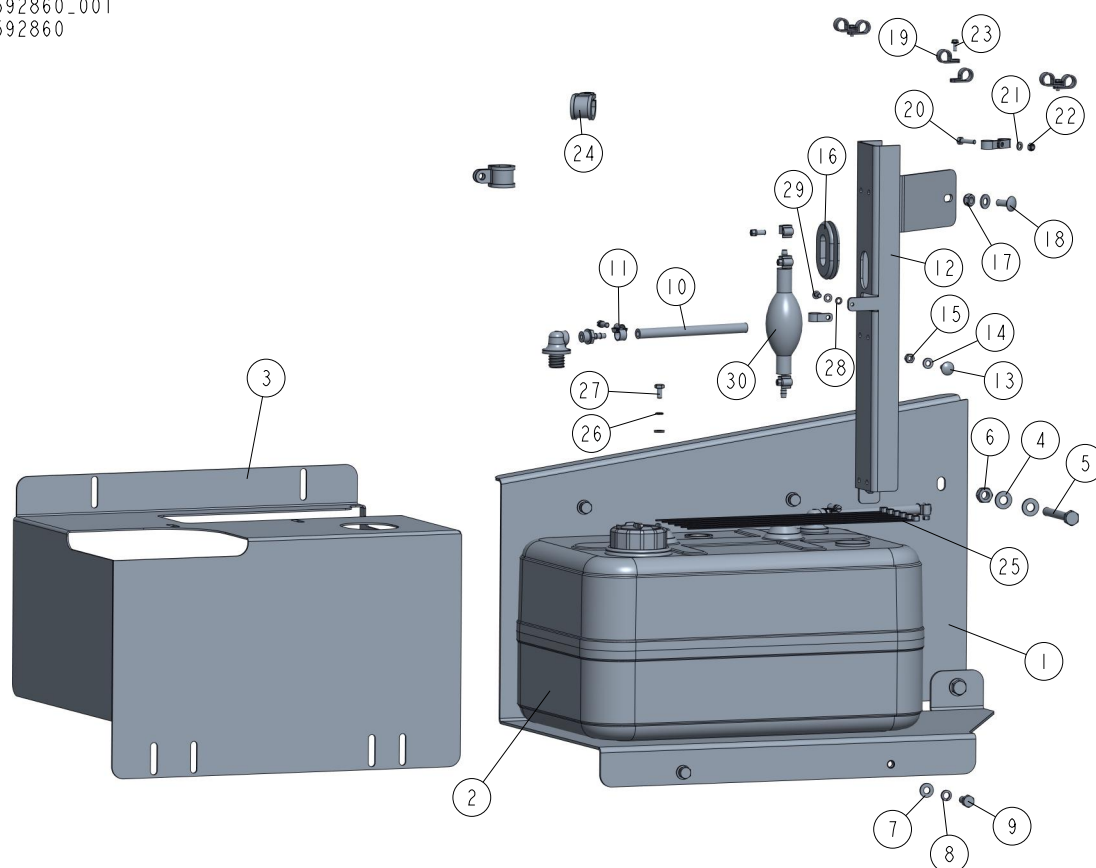
4.6 Fuel Pump Assembly 520170

520170_001
520170_MANUAL



REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART #	QTY
-	PUMP ASSEMBLY, LT15-G18 FUEL - COMPLETE	520170	1
1	PLATE, FUEL PUMP MOUNT	520171-1	1
2	PUMP, D42/D33 KUBOTA ELECTRIC FUEL	083565	1
3	WASHER, 6.4 FLAT ZINC	F81053-1	4
4	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	2
5	BOLT, M6X16-8.8 HEX HEAD FULL THREAD ZINC	F81001-15	2
6	WASHER, 10.5 FLAT ZINC	F81055-1	2
7	WASHER, Z 10.2 SPLIT LOCK ZINC	F81055-2	2
8	BOLT, M10X20-5.8 HEX HEAD FULL THREAD ZINC	F81003-1	2
9	CLAMP, 8-12	F81080-1	2

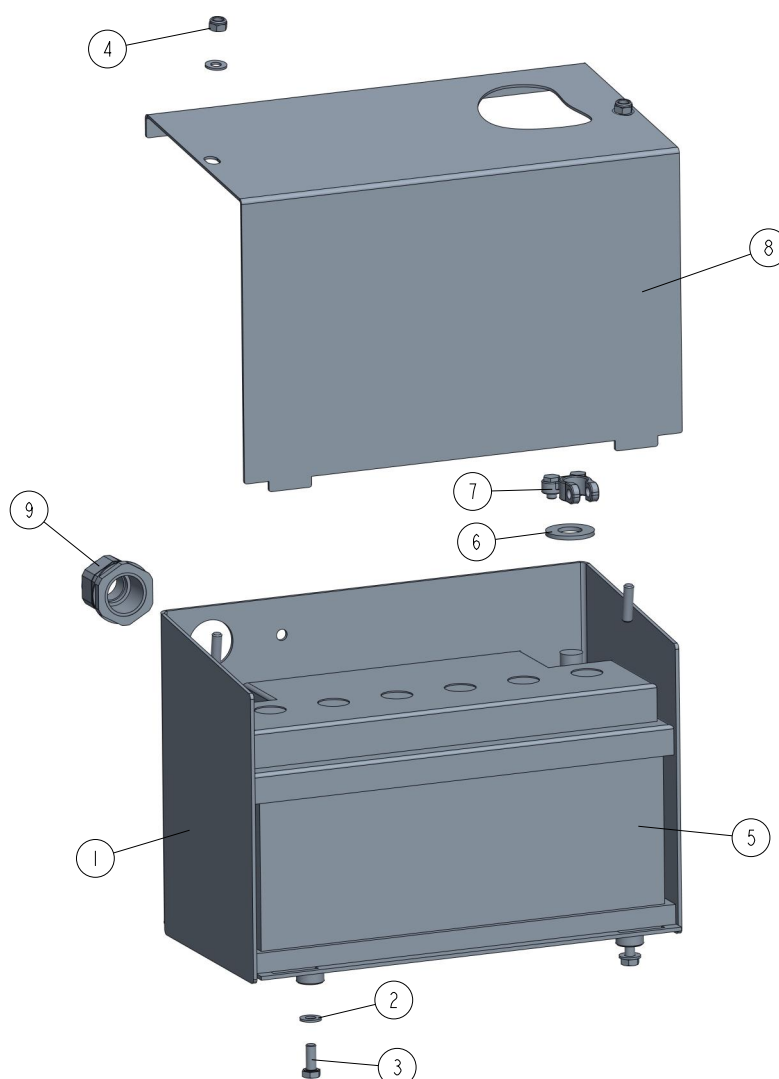
4.7 Tank Fuel Assembly G25 592860

592860_001
592860

REF	DESCRIPTION (◆ indicates parts available in assemblies only)	PART #	QTY
-	TANK FUEL ASSEMBLY G25	592860	1
1	BRACKET, LT15 FUEL TANK MOUNT - COMPLETE	550766-1	1
2	FUEL TANK, 25-LITRE	550767	1
3	COVER, FUEL TANK	550769-1	1
4	WASHER, 10.5 FLAT ZINC	F81055-1	4
5	BOLT, M10X75-8.8-HEX HEAD ZINC	F81003-15	2
6	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	2
7	WASHER, 8.4 FLAT ZINC	F81054-1	5
8	WASHER, 8.2 SPLIT LOCK	F81054-4	4
9	BOLT, M8X16 -8.8-B HEX HEAD FULL THREAD	F81002-20	4
10	FUEL LINE, DIESEL ENGINE	P642	2
11	CLAMP, PLASTIC HOSE	F81080-1	6
12	TUBE, CABLE GUIDE	592861-1	1
13	BOLT, M6X16 8.8 HEX HEAD FULL THREAD ZIN	F81001-36	2
14	WASHER, 6.4 FLAT ZINC	F81053-1	4
15	NUT, M6-8-B HEX NYLON LOCK ZINC	F81031-2	2
16	SEAL RUBBER, WIRE INSIDE DIA 26MM	085613	1
17	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	1
18	BOLT, M8X20-8.8 CARRIAGE ZINC	F81002-11	1
19	CLAMP, #3307 HEYMAN WIRE	F05114-1	9

REF	DESCRIPTION (◆ indicates parts available in assemblies only)	PART #	QTY	
20	BOLT, #10-32X1/2 HH	F81000-35	1	
21	WASHER, 5.3 FLAT	F81052-1	2	
22	NUT, M5-8 SELF-LOCKING ZINC	F81030-2	1	
23	SCREW, #8-32 X 3/8" SELF-TAPPING	F05015-8	3	
24	CLIP, RSGU 1.20/20 METAL&RUBBER RETAININ	F81087-2	2	
25	TIE WRAP	F81082-5	6	
26	WASHER, Z 6.1 SPLIT LOCK ZINC	F81053-3	2	
27	BOLT, M6X12-8.8 HEX HEAD FULL THREAD ZIN	F81001-7	2	
28	WASHER, 5.1 SPLIT LOCK ZINC	F81052-2	1	
29	BOLT M5X10 WG. ISO 7380	F81000-32	1	
30	BULB, FUEL PRIMER	014481	1	

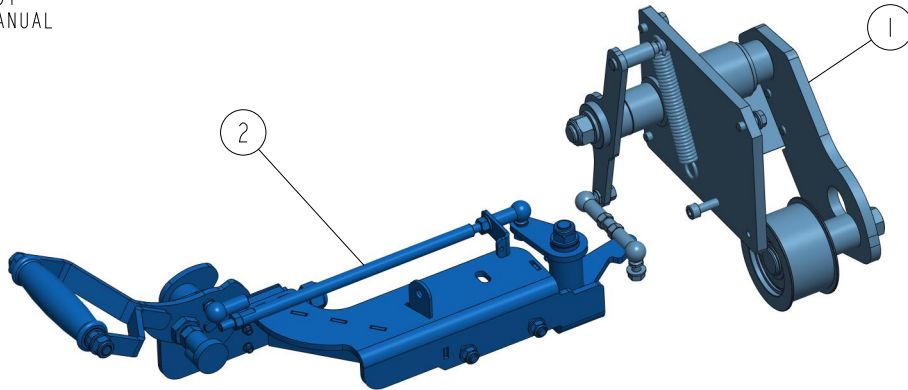
4.8 Battery Box 592874

592874_001
592874

REF	DESCRIPTION (◆ indicates parts available in assemblies only)	PART #	QTY	
-	BOX, BATTERY - COMPLETE	592874	1	
1	BOX, BATTERY	519920-1	1	
2	WASHER, 8.4 FLAT ZINC	F81054-1	6	
3	BOLT, M8X20-8.8 HEX HEAD FULL THREAD ZIN	F81002-1	4	
4	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	2	
5	BATTERY, "BANNER" 12V100AH	088323	1	
6	WASHER, FELT BATTERY TERMINAL	P12161	2	
7	TERMINAL, BATTERY	P05085	2	
8	LID, BATTERY BOX	097489-1	1	
9	SEAL, DP 29/H GLAND	F81096-1	1	

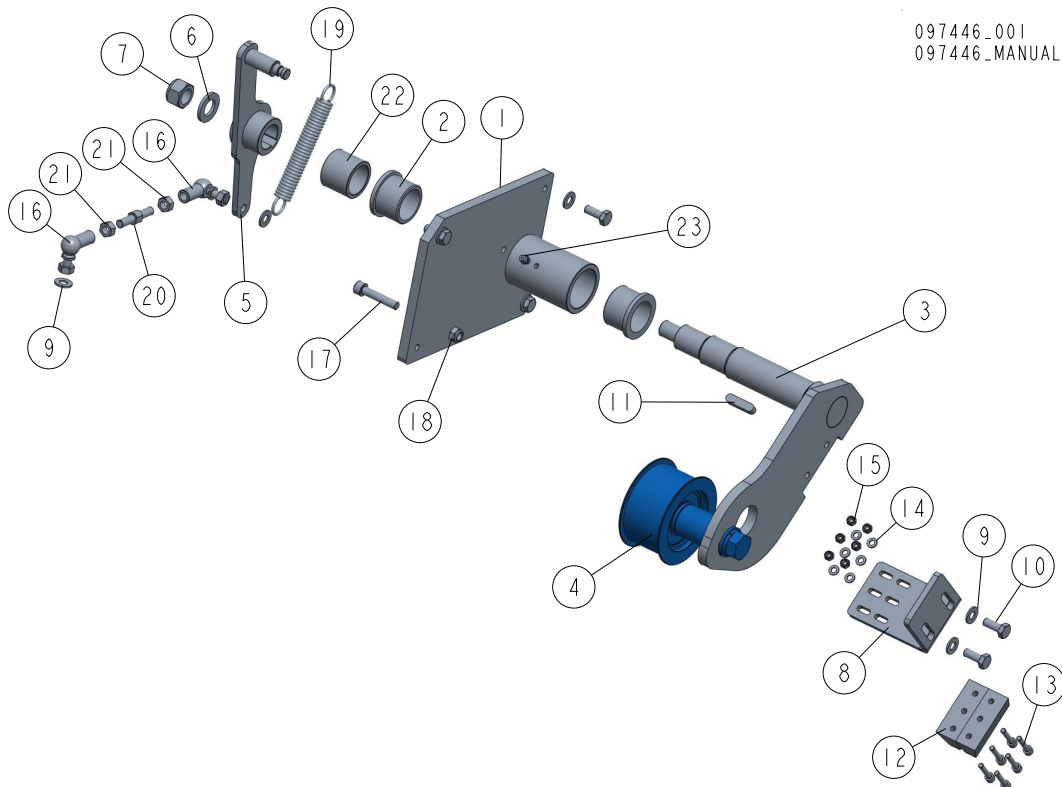
4.9 Belt Tensioner & Brake 096448

096448_001
096448_MANUAL



REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART NO.	QTY	
-	BELT TENSIONER & BRAKE ASSEMBLY	096448	1	
1	TENSION ROLLER W/BRAKE - COMPLETE See Section 4.10	097446	1	
2	HANDLE, TENSIONER AND BRAKE - COMPLETE See Section 4.12	097436	1	

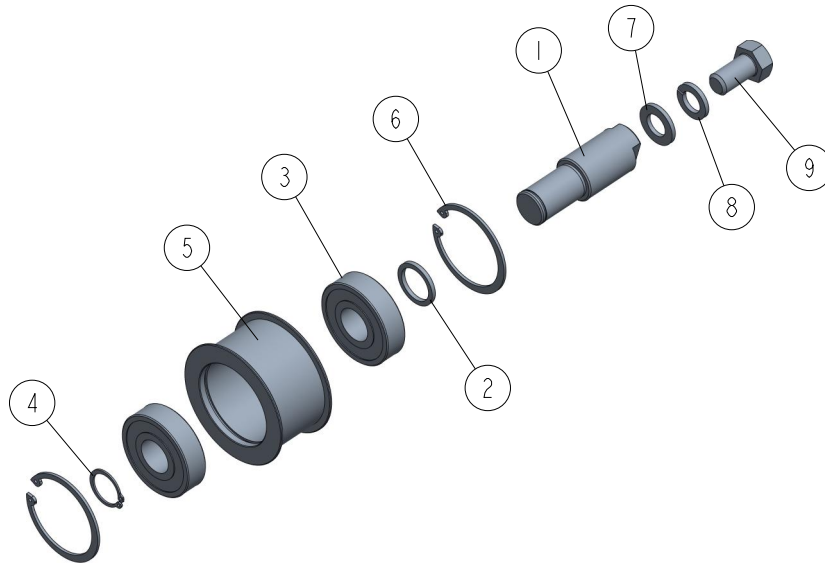
4.10 Tension Roller w/Brake 097446



REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART#	QTY
-	ROLLER, TENSION W/BRAKE - COMPLETE	097446	1
1	MOUNT WELDMENT, TENSIONER SHAFT	091112-1	1
2	BUSHING, MFM-3240-30 (IGUS)	088461	2
3	SHAFT WELDMENT, BELT TENSIONER	096451-1	1
4	ROLLER, COMPLETE TENSION See Section 4.17	511166	1
5	HANDLE, TENSIONER	096449-1	1
6	WASHER, 17 SPLIT LOCK ZINC	F81058-1	1
7	NUT, M16-8-HEX NYLON ZINC LOCK	F81036-2	1
8	BRACKET, BRAKE BLOCK MOUNT	091248-1	1
9	WASHER, 8.4 FLAT ZINC	F81054-1	7
10	BOLT, M8X20 8.8 HEX HEAD FULL THREAD ZINC	F81002-4	5
11	KEY, A8X7X32 PARALLEL	088564	1
12	BLOCK, BRAKING	092111	2
13	SCREW, M5X25 8.8 HEX SOCKET HEAD CAP ZINC	F81000-7	6
14	WASHER, 5.3 FLAT ZINC	F81052-1	6
15	NUT, M5-8 DIN985 ZINC-PLATED	F81030-2	6
16	JOINT, 13-M8 (T17628- ULMER) BALL	095285	2
17	SCREW, M8X40-8.8 HEX SOCKET HEAD CAP ZINC	F81002-29	1
18	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	1
19	SPRING, N1.9XN14.2X104	091865	1
20	PUSHER, SHORT ZINC-PLATED	097445-1	1
21	NUT, M8-8-B HEX ZINC	F81032-1	2
22	BUSHING, TENSIONER ZINC-PLATED SPACER	097447-1	1
23	FITTING, M6 GREASE	086280	1

4.11 Tension Roller 511166

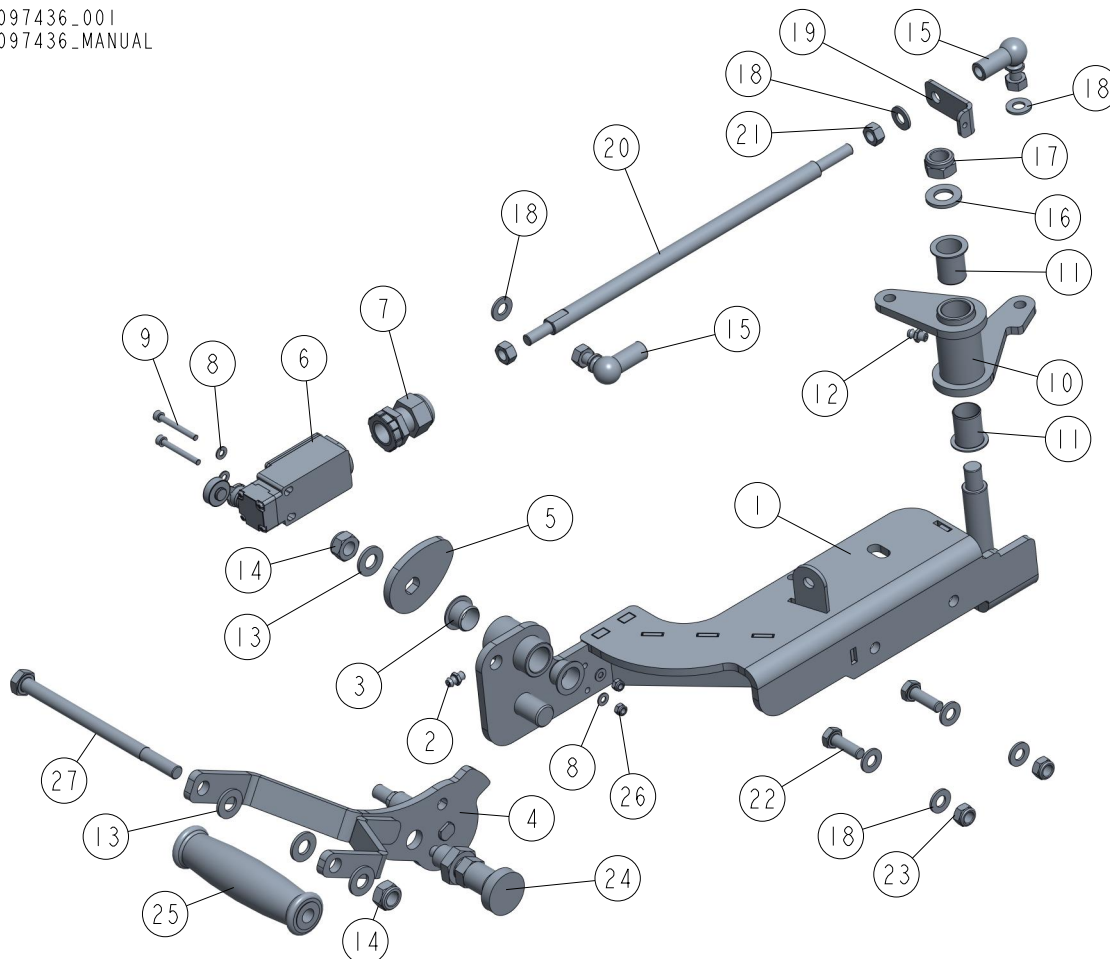
511166_001
511166_MANUAL



REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART NO.	QTY
-	ROLLER, COMPLETE TENSION	511166	1
1	SHAFT, TENSION ROLLER	509901-1	1
2	WASHER, 25.1/32-3 ZINC-PLATED	500863-1	1
3	BEARING, 6305 2RS NSK	P08066	2
4	RING, 25Z OUTSIDE RETAINING	F81090-22	1
5	ROLLER, TENSION	087671-1	1
6	RING, 62W INSIDE RETAINING	F81090-1	2
7	WASHER, 17 SPLIT LOCK ZINC	F81058-1	1
8	WASHER, 16.3 SPLIT LOCK ZINC	F81058-2	1
9	BOLT, M16X30-8.8 HEX HEAD FULL THREAD ZINC	F81006-36	1

4.12 Tensioner and Brake Handle 097436

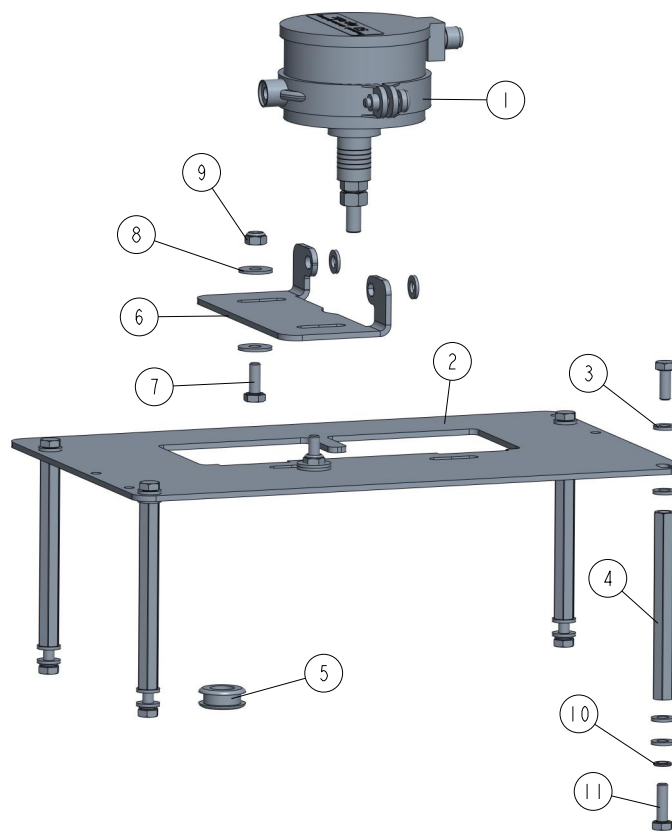
097436_001
097436_MANUAL



REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART #	QTY
-	HANDLE, TENSIONER AND BRAKE - COMPLETE	097436	1
-	PLATE, TENSIONER/BRAKE HANDLE MOUNT - COMPLETE	097437	1
1	PLATE, TENSIONER/BRAKE HANDLE MOUNT	097438-1	1
2	FITTING, M6 GREASE	086280	1
3	BUSHING, GFM-1618-12	091455	2
4	HANDLE, TENSIONER/BRAKE	524091-1	1
5	PLATE, LT15 LIMIT SWITCH ZINC-PL. ACTIVATOR	096969-1	1
6	SWITCH, FA138 Z11 LIMIT	100931	1
7	GLAND, PG13.5 CABLE	086524	1
8	WASHER, 4.3 FLAT ZINC	F81051-2	4
9	SCREW, M4X35 8.8 HEX SOCKET HEAD CAP ZINC	F81011-34	2
-	LEVER, ANGLE -COMPLETE	097432	1
10	LEVER, ANGLE	097433-1	1
11	BUSHING, GFM 1719-25 (IGUS)	094142	2
12	FITTING, M6 GREASE	086280	1
13	WASHER, 10.5 FLAT ZINC	F81055-1	4
14	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	2
15	PIVOT, FI 13-M8 ANGLE (T17628-ULMER)	095285	2
16	WASHER, 13 FLAT ZINC	F81056-1	1

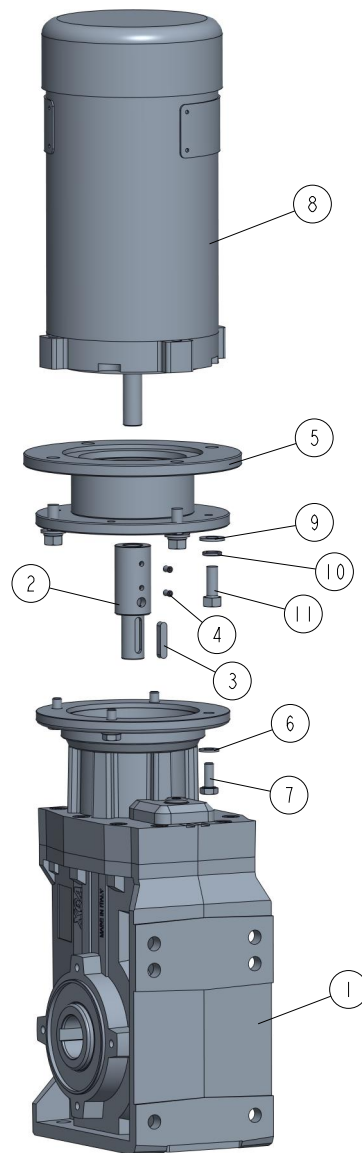
REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART #	QTY	
17	NUT, M12 8 HEX NYLON ZINC LOCK	F81034-2	1	
18	WASHER, 8.4 FLAT ZINC	F81054-1	7	
19	PLATE, TENSIONER	097442-1	1	
20	PUSHER, M8 ZINC-PLATED LONG	097444-1	1	
21	NUT, M8-8-B HEX ZINC	F81032-1	2	
22	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	2	
23	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	2	
24	PIN, 45308DNW DETENT	089939	1	
25	GRIP, I.135/120-10 REVOLVING	524094	1	
26	NUT, M4-8 HEX NYLON ZINC LOCK	F81029-1	2	
27	BOLT, M10X150-8.8 HEX HEAD ZINC	F81003-124	1	

4.13 SW-10 Networks Mounting Kit 592875

592875_001
592875

REF	DESCRIPTION (◆ indicates parts available in assemblies only)	PART #	QTY
-	MOUNTING KIT, SW-10 NETWORKS HR115G25	592875	1
1	ENCODER, 50IMP./R.	096016	1
2	BRACKET, LT15 ENCODER MOUNT	095310-1	1
3	WASHER, 6.4 FLAT ZINC	F81053-1	18
4	SPACER, M6X100- BN3319 (BOSSARD)	F81031-10	4
5	GROMMET, 20/13 RUBBER	086188	1
6	BRACKET, ENCODER	100906-1	1
7	BOLT, M6X16 8.8 HEX HEAD FULL THREAD ZIN	F81001-15	6
8	WASHER, 6.5 FLAT	F81053-11	4
9	NUT, M6-8-B HEX NYLON LOCK ZINC	F81031-2	2
10	WASHER, Z 6.1 SPLIT LOCK ZINC	F81053-3	4
11	BOLT, M6X20-8.8 HEX HEAD FULL THREAD ZIN	F81001-2	4

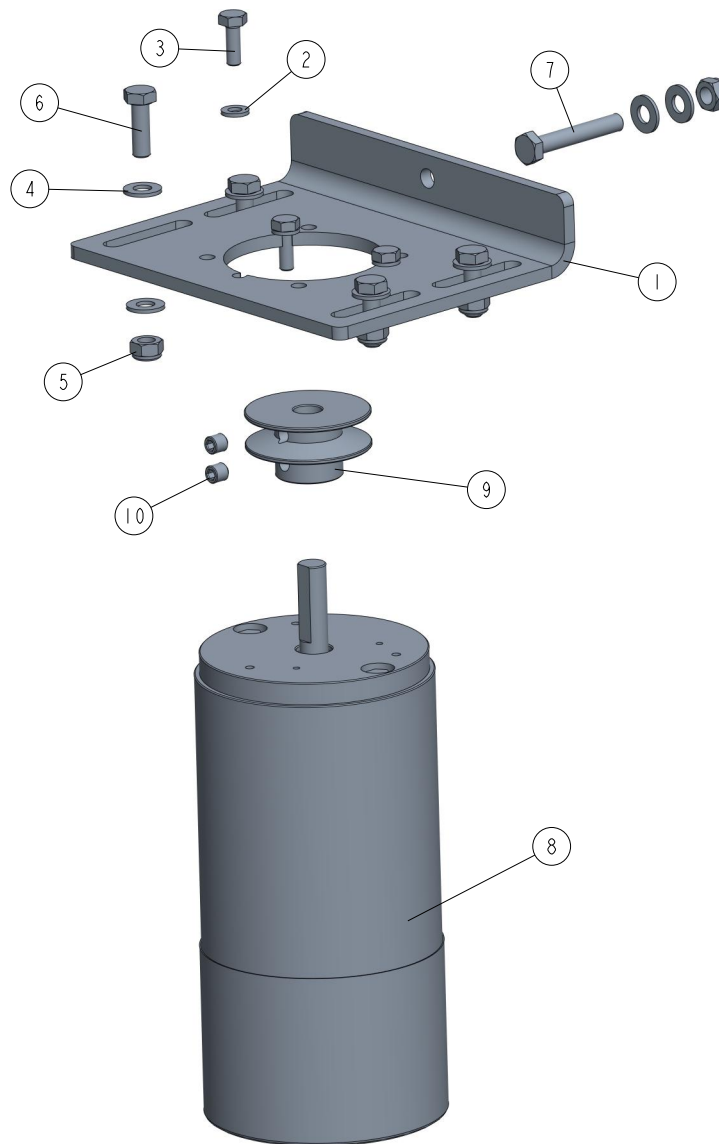
4.14 Motoreducer HR115G25 592857

592857_001
592857

REF	DESCRIPTION (◆ indicates parts available in assemblies only)	PART #	QTY	
-	MOTOREDUCER HR115G25	592857	1	
1	GEAR BOX, HS-352/54,33-160/19-K160-B3	601607	1	
2	ADAPTER	592908	1	
3	KEY, A6X6X30 PARALLEL	094245	1	
4	SCREW, M5X8 DIN 913 45H OKSYD.	F81001-136	2	
5	BUSHING, MOUNTING	592907-1	1	
6	WASHER, 8.4 FLAT ZINC	F81054-1	4	
7	BOLT, M8X20-8.8-B HEX HEAD FULL THREAD Z	F81002-4	4	
8	MOTOR, 3/4HP POWER FEED PAINTED	024169	1	
9	WASHER, 10.5 FLAT ZINC	F81055-1	4	
10	WASHER, Z 10.2 SPLIT LOCK ZINC	F81055-2	4	
11	BOLT, 3/8-16X1 HEX HEAD	F05007-7	4	

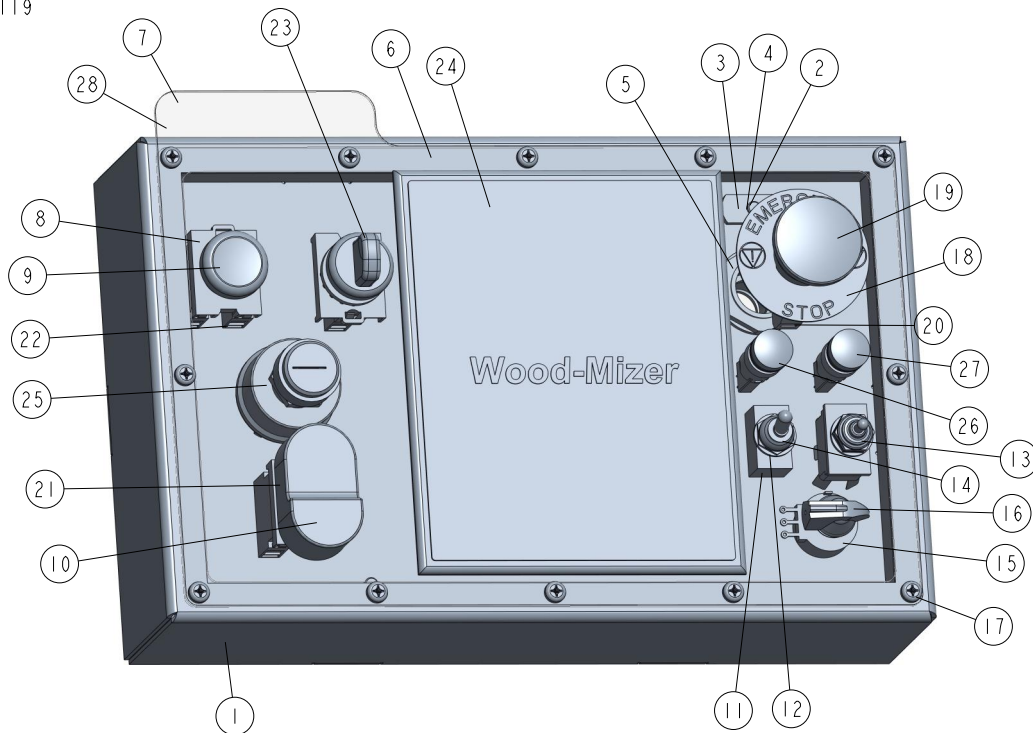
4.15 Up/Down Drive 531679

531679_001
531679_MANUAL



REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART #	QTY
-	DRIVE, LT15WC DC UP/DOWN - COMPLETE	531679	1
1	PLATE, DRIVE BELT TENSION	094162-1	1
2	WASHER, 6.4 FLAT ZINC	F81053-1	3
3	BOLT, 1/4-20X3/4 FT HHC	F05005-1	3
4	WASHER, 8.4 FLAT ZINC	F81054-1	10
5	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	5
6	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	4
7	BOLT, M8X50 -8.8 HEX HEAD FULL THREAD ZINC	F81002-19	1
8	MOTOR, 0.75HP/1550 R.P.M. 12V DC	100918	1
9	PULLEY, LT15DC UP/DOWN DRIVE	095340-1	1
10	SCREW, M8X8-33H GEOMET HEX SOCKET SET W/FLAT POINT	F81014-1	2

4.16 Control Panel 600119

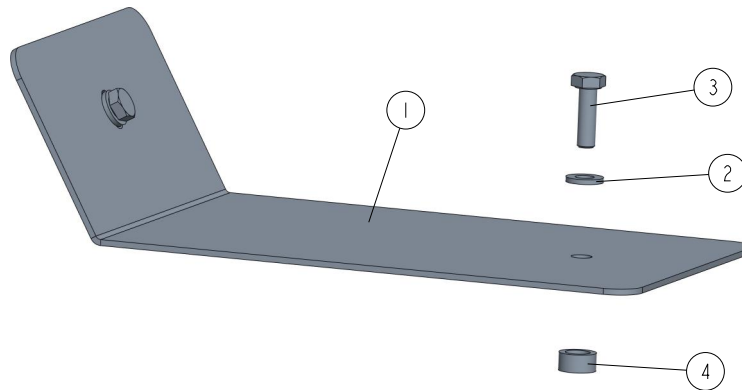
600119_001
600119

REF	DESCRIPTION (◆ indicates parts available in assemblies only)	PART #	QTY
-	Control Panel LT15SC/DC	600119	1
1	BOX WELDMENT, LT15 CONTROL	538729-1	1
2	WASHER, 6.4 FLAT ZINC	F81053-1	4
3	WASHER, Z 6.1 SPLIT LOCK ZINC	F81053-3	4
4	BOLT, M6X20-8.8 HEX HEAD FULL THREAD ZIN	F81001-2	4
5	GLAND, DP21/H CABLE	F81096-3	1
6	GASKET, LT15 CONTROL BOX	538732	1
7	PANEL, LT15 CONTROL BOX FRONT	538839-1	1
8	ADAPTER, LPXAU120 MOUNTING	535438	2
9	BUTTON, LPCB2102 - COMPLETE	535437-K	1
10	SWITCH, LPCBL7191	536908	1
11	SWITCH, SPST ON/OFF 15A .25 TABS TOGGLE	P03027	1
12	WASHER, 1/2X3/4X1/16 NYLON	P05251-1	2
13	SWITCH, TOGGLE	024200	1
14	BOOT, TOGGLE SWITCH	P02575	2
15	POTENTIOMETER, 1K FEED RATE	E20519	1
16	KNOB, SPEED CONTROL	P06257	1
17	SCREW, #10-24 X 1/2 PAN HEAD	F05015-17	12
18	WASHER, LPX AU115 E-STOP BUTTON	536912	1
19	SWITCH, XB4 BS542 EMERGENCY	535445-K	1
20	CONTACT, 1NCLPXC01	535440	1
21	BOOT, LPXAU157 BUTTON	536926	1
22	CONTACT, 1NOLPXC10	535439	4
23	SWITCH THREE-POSITION	545714	1

REF	DESCRIPTION (◆ indicates parts available in assemblies only)	PART #	QTY	
24	CAP, CONTROLLER - COMPLETE	527597	1	
25	SWITCH, KEY	P04350	1	
26	LIGHT, XB6AV3BB GREEN	087348	1	
27	LIGHT, XB6AV4BB RED	091099	1	
28	DECAL, DC CONTROL BOX	538855	1	

4.17 Mast Cover 592945

592945_001
592945

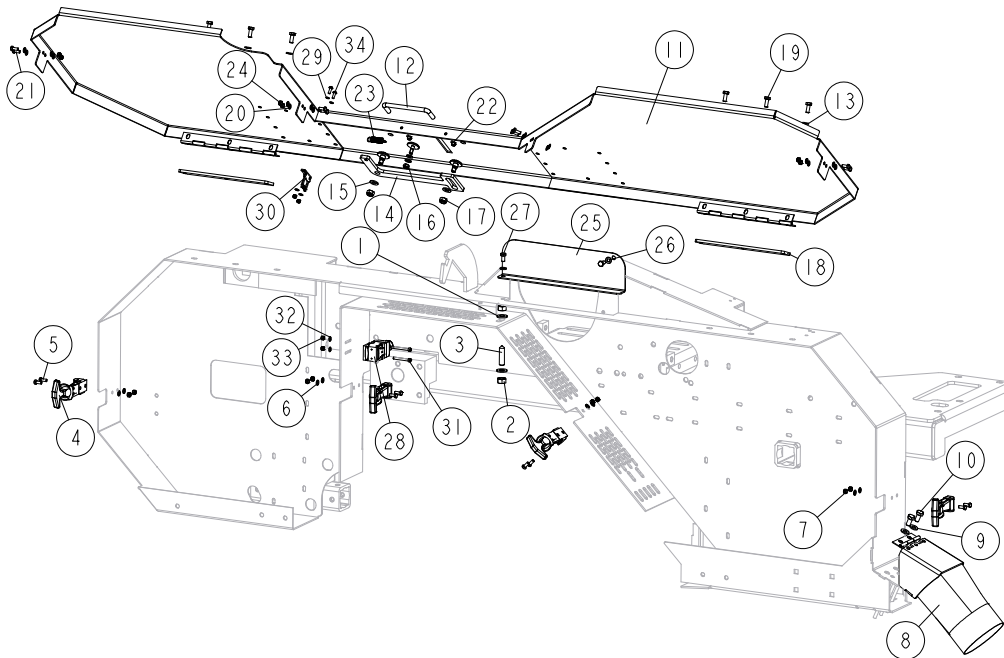


REF	DESCRIPTION (◆ indicates parts available in assemblies only)	PART #	QTY	
-	COVER, MAST	592945	1	
1	PLATE	592944	1	
2	WASHER, 6.4 FLAT ZINC	F81053-1	2	
3	BOLT, M6X20-8.8 HEX HEAD FULL THREAD ZIN	F81001-2	2	
4	BUSHING, 8.4/12.5-6 ZINC-PLATED	504040-1	2	

SECTION 5 SAW HEAD & FEED TRACK

5.1 Blade Housing Cover

LT15SCS3G19SP-ESWP_002
LT15SCS3G19SP-ESWP_MANUAL

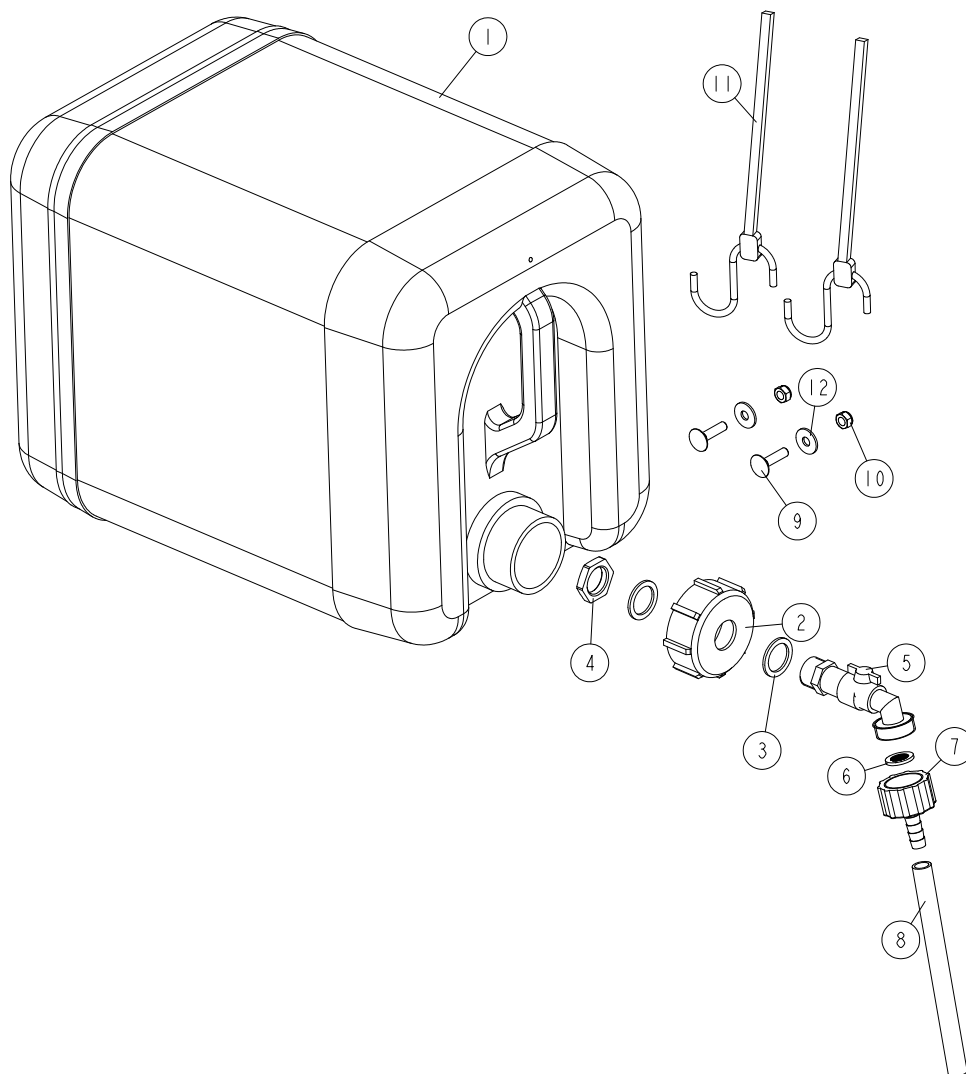


REF	DESCRIPTION (u indicates parts available in assemblies only)	PART #	QTY
1	WASHER, 10.5 FLAT ZINC	F81055-1	2
2	NUT, M10-8-B-HEX ZINC	F81033-3	2
3	SCREW, M10 X 40-45H HEX SOCKET SET CONE	F81003-61	1
4	LATCH, FLEXIBLE DRAW	014829	4
5	BOLT, M5X12 8.8 HEX HEAD FULL THREAD ZIN	F81000-5	8
6	WASHER, 5.3 FLAT ZINC	F81052-1	8
7	NUT, M5-8 DIN985 ZINC-PLATED	F81030-2	8
8	CHUTE WELDMENT, SAWDUST	100903-1	1
9	WASHER, 8.4 FLAT ZINC	F81054-1	2
10	BOLT, M8X16 -8.8-B HEX HEAD FULL THREAD	F81002-20	2
-	COVER, LT15 FRONT COMPLETE	098678	1
11	COVER WELDMENT, LT20 BLADE HOUSING	096776-1	1
12	HANDLE, BLADE HOUSING COVER	P08065	1
13	WASHER, 6.4 FLAT ZINC	F81053-1	8
14	PAWL, LOCKING	090643-1	1
15	WASHER, 8.4 FLAT ZINC	F81054-1	2
16	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	1
17	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	2
18	PLATE WELDMENT, COVER MOUNT	086701-1	1
19	BOLT, M6X16-5.8 HEX HEAD FULL THREAD ZIN	F81001-15	6
20	WASHER, 5.3 FLAT ZINC	F81052-1	16

REF	DESCRIPTION (u indicates parts available in assemblies only)	PART #	QTY	
21	BOLT, M5X12 8.8 HEX HEAD FULL THREAD ZIN	F81000-5	8	
22	SCREW, #8-32X3/8, SELF-TAPPING	F05015-8	2	
23	SPRING, 1.6X12X38 EXTENSION	092208	1	
24	NUT, M5-8 DIN985 ZINC-PLATED	F81030-2	6	
25	COVER, SAW HEAD MOUNT	096788-1	1	
26	WASHER, 6.4 FLAT ZINC	F81053-1	2	
27	BOLT, M6X12-8.8 HEX HEAD FULL THREAD ZIN	F81001-7	2	
28	SWITCH, AZ17-11ZRK SAFETY 1	094232	1	
29	KEY, AZ17/170-B5 SAFETY SWITCH 2	094422	1	
30	KEY, AZ17/170-B5 SAFETY SWITCH 2	094422	1	
31	SCREW, M4X35 8.8 HEX SOCKET HEAD CAP ZIN	F81011-34	2	
32	WASHER, 4.3 FLAT ZINC	F81051-2	2	
33	NUT, M4-8 HEX NYLON ZINC LOCK	F81029-1	4	
34	SCREW, M4X12 5,8-B CROSS RECESSED PAN HE	F81011-43	2	

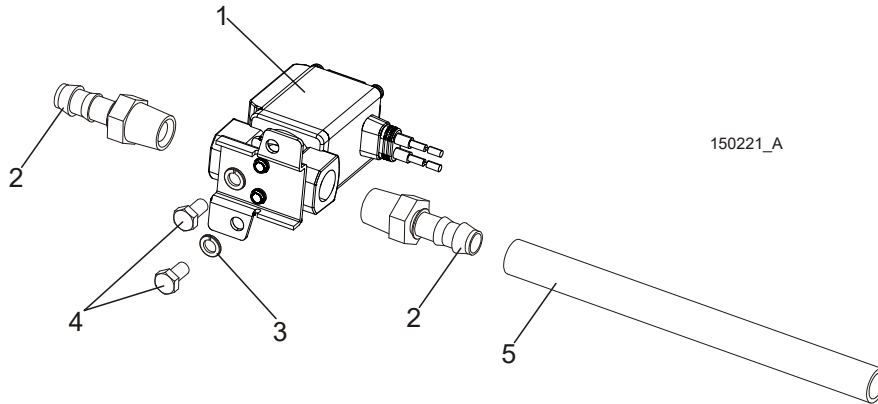
5.2 Water Lube Assembly

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550787_MANUAL



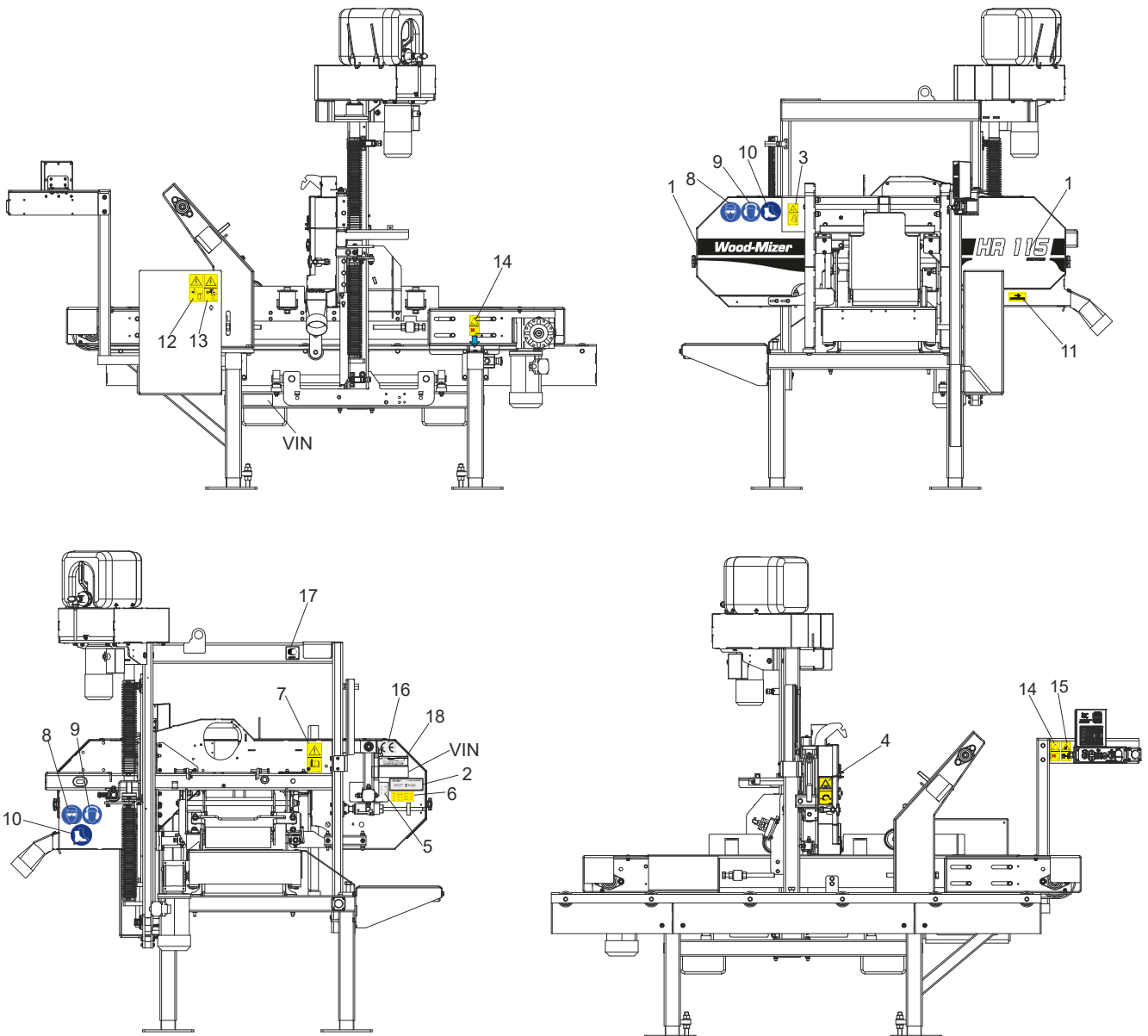
REF	DESCRIPTION (u indicates parts available in assemblies only)	PART #	QTY
-	TANK, OIL	550787	1
1	BOTTLE, WATER	513866	1
2	NUT, BOTTLE	550785	1
3	SEAL, 27X20X1.5 ESSENTA 467673 RUBBER	550780	2
4	NUT, 1/2 ESSENTA 467615 GLAND	550779	1
5	FITTING, WATER LUBE SHUTOFF VALVE	550776	1
6	FILTER, WATER LUBE	550778	1
7	FITTING, G3/4" X 10MM HOSE BARB	550777	1
8	TUBING, WATER LUBE 3/8" I.D.	R01885	1
9	BOLT, M6X25-8.8 ZINC	F81001-20	2
10	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	2
11	STRAP, 24" RUBBER	P11258	2
12	WASHER, FLAT ZINC	F81053-11	2

5.3 Blade Lube System (not available in EC version)



REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY
	KIT, LT15AC BLADE LUBE SYSTEM	503470-S	1
1	SOLENOID, WATER LUBE	509113	1
2	FITTING, 3/8 BARB 1/4NPT MALE NYLON	P04682	2
3	WASHER, M5 SPLIT LOCK	F81052-2	2
4	SCREW, 10-32X1/2 HH MACHINE	F05004-60	2
5	TUBING, WATER LUBE	R01885	3.8m
	CONNECTOR, 16-14GA FI BUTT	F04875-1	2
	CONDUIT, 1/2IN EXPANDABLE BLACK	R02374	0.6m
	BLOCK, LADN11 AUXILIARY CONTACT	084122	1
	ELEMENT, SELF - ADHESIVE MOUNT E9S	087695	2
	CABLE TIE, PLASTIC	F81082-4	3
	GROMMET, 22mm RUBBER	087400	1
	CABLE, 1 SQ MM, BLUE	R80583-1	1.5m
	CONDUCTOR END, EL.Hix1/6	F81083-3	4

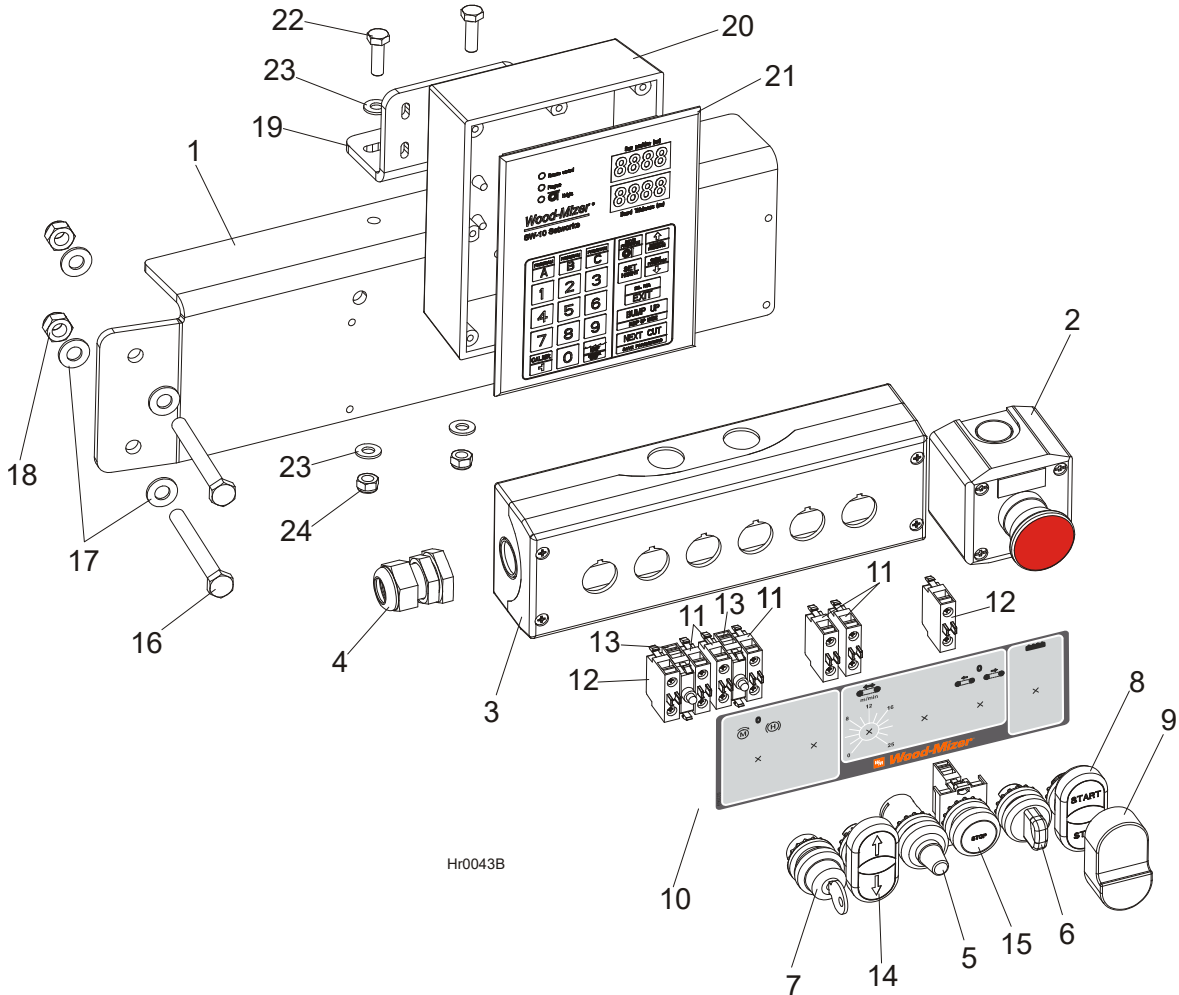
5.4 Decals, HR115



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	Part #	Qty.
	PICTOGRAPHIC DECAL KIT, HR115	504242	1
1	DECAL, HR115 SAWMILL NAME	504241	1
2	DECAL, EUROPEAN HEADQUARTERS ADDRESS	015841	1
3	DECAL, SAWMILL COVERS CAUTION	099220	1
4	DECAL, BLADE TENSION (PICTOGRAM)	099219	1
5	DECAL, BLADE ALIGNMENT	P11789	1
6	DECAL, BLADE TENSIONER PRESSURE VALUE	510643	1
7	DECAL, READ OPERATOR'S MANUAL (PICTOGRAM)	096317	1
8	DECAL, EYE PROTECTION WARNING (PICTOGRAM)	S12004G	2
9	DECAL, EAR PROTECTION WARNING (PICTOGRAM)	S12005G	2
10	DECAL, USE SAFETY BOOTS (PICTOGRAM)	501465	2

11	DECAL, BLADE MOVEMENT DIRECTION (PICTOGRAM)	096321	1	
12	DECAL, HIGH VOLTAGE INSIDE THE ELECTRIC BOX (PICTOGRAM)	096316	1	
13	DECAL, REMOVE THE PLUG BEFORE OPENING THE BOX (PICTOGRAM)	096319	1	
14	DECAL, GEAR CAUTION	099540	2	
15	DECAL, KEEP A SAFE DISTANCE AWAY	099221	1	
16	DECAL, CE CERTIFIED SAWMILL (SMALL)	P85070	1	
17	DECAL, RUSSIAN SAFETY CERTIFICATION	099401	1	
18	DECAL, INTERNATIONAL SAWMILL NAME	501466	1	
19	DECAL, MOTOR DIRECTION	S20097	1	
20	DECAL, BLADE SETTING	P85066	1	
21	TAG, MOTOR ROTATION DIRECTION CHECKING	500396	1	◆

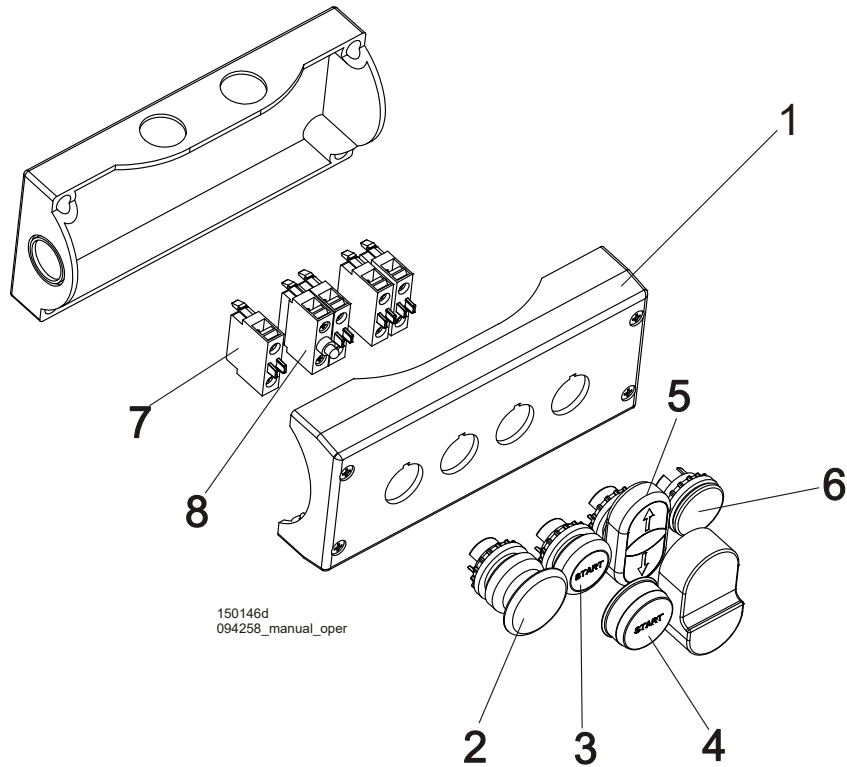
5.5 Control Panel, HR115



REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY
1	BRACKET, HR115 CONTROL PANEL	505062-1	1
2	SWITCH, XALJ174F EMERGENCY	E22703-P	1
	CONTROL BOX, HR150	503970	1
3	Box, M22-I6 (216540) Control	093750	1
4	Connector, DP 16/H	F81096-7	1
5	Potentiometer, M22-R1K (229489)	093749	1
6	Switch, M22 - 3 Position	091360	1
7	Operator, M22-WRS3 Key Switch	095001	1
8	Operator, M22-DDI-GR-GB1/GB0 Switch	094997	1
9	Membrane M22-T-DD	090462	1
10	Decal, HR130 Control Panel	503969	1
11	Contact Element, M22-KC10	094314	5
12	Contact Element, M22-KC01	094998	2
13	LED Element, M22-LEDC-W	094999	2
14	Button, M22-DD-S-X7/X7	090917	1
15	Button, M22 STOP	090926	1

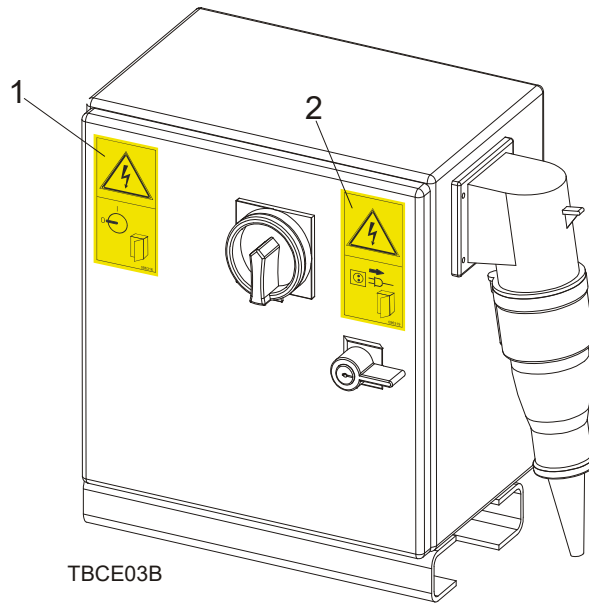
16	BOLT, M10X90-8.8-B HEX HEAD ZINC	F81003-66	2	
17	WASHER, 10.5 FLAT ZINC	F81055-1	4	
18	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	2	
19	PLATE, HR115 SW-10	505063-1	1	
20	HOUSING, SETWORKS REAR	100877	1	
21	CONTROLLER, SW-10 SETWORKS	500628	1	
22	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	2	
23	WASHER, 8.4 FLAT ZINC	F81054-1	4	
24	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	2	

5.6 Control Box



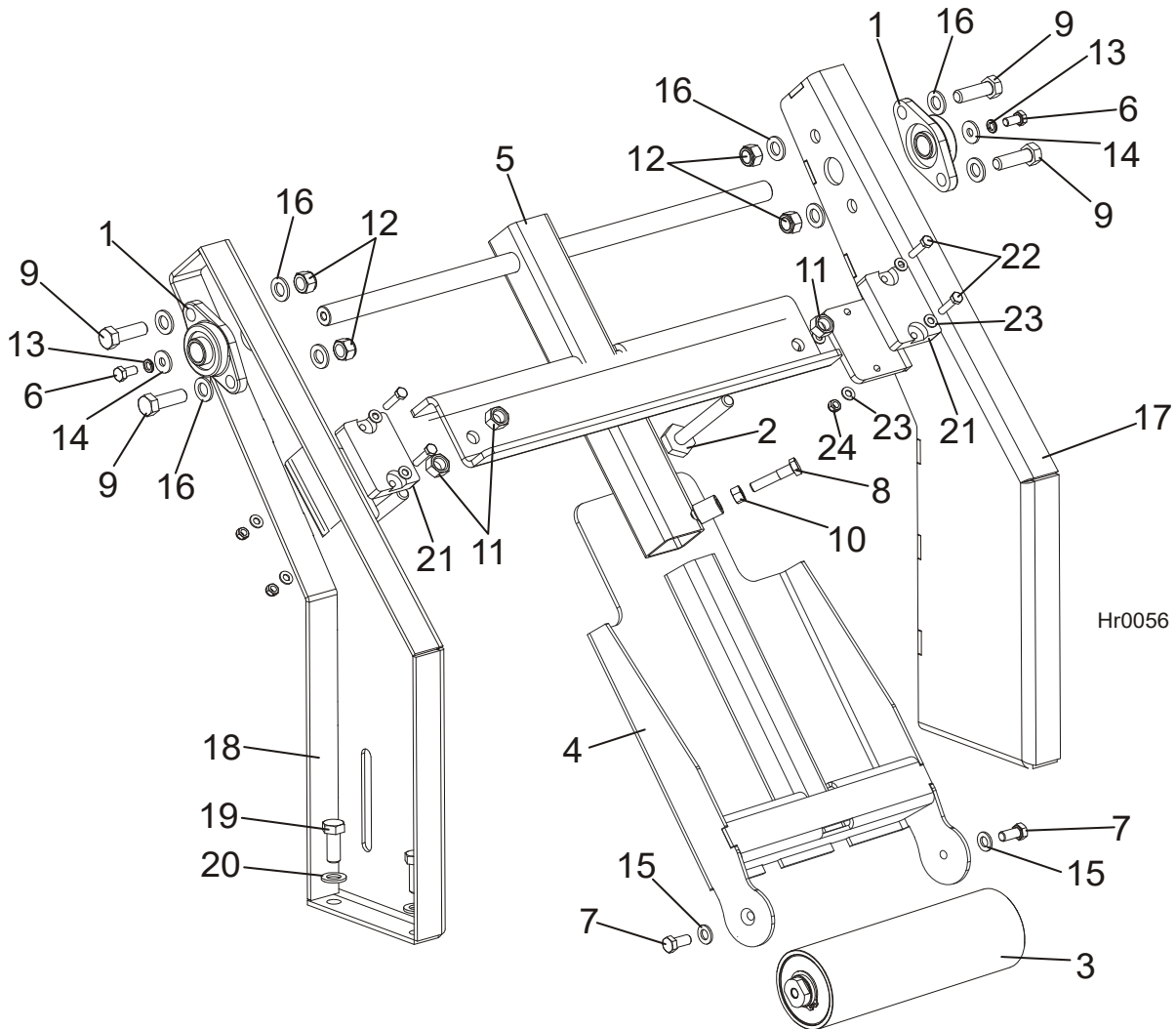
REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY
	BOX, COMPLETE UP/DOWN CONTROL	094258	1
1	HOUSING, CONTROL PANEL	094259	1
2	BUTTON, M22 MOMENTARY MUSHROOM GREEN	094328	1
3	BUTTON, GREEN ILLUMINATED START	094315	1
4	DIAPHRAGM, M22-T-D PROTECTIVE	094316	1
5	BUTTON, M22-DD-S-X7/X7	090917	1
6	CAP, M22 - B (216388)	093748	1
7	ELEMENT, M22-KC10 CONTACT	094314	4
8	ELEMENT, LED M22-LEDC-G(AC)	099921	1

5.7 Electrical Box Decals



REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY	
	ELECTRICAL BOX, E11	503539	1	
	ELECTRICAL BOX, E15	505366	1	
1	DECAL, HIGH VOLTAGE INSIDE THE ELECTRIC BOX (PICTOGRAM)	096316	1	
2	DECAL, REMOVE THE PLUG BEFORE OPENING THE BOX (PICTOGRAM)	096319	1	

5.8 Front Hold-Down Roller

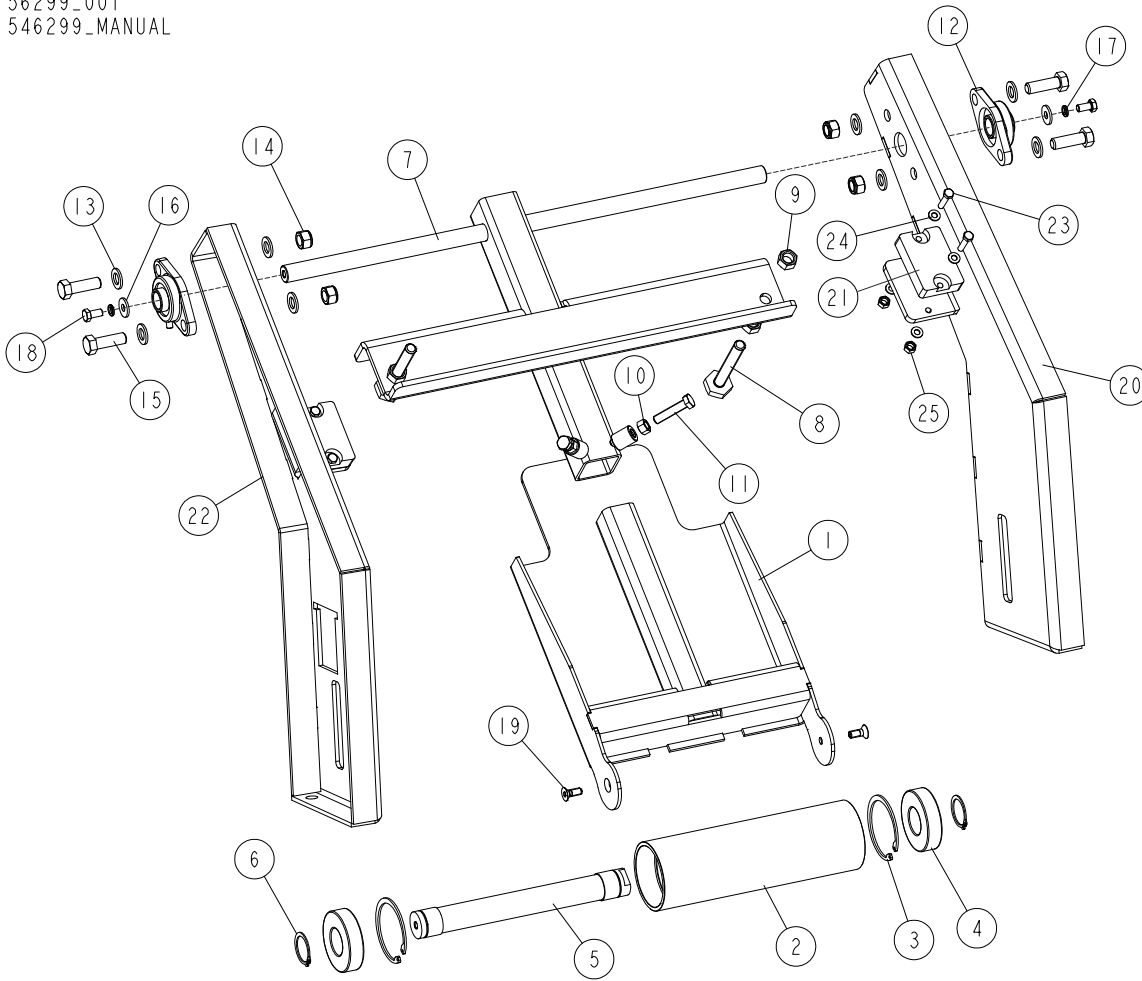


REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY
	ROLLER, HR110/115 HOLD-DOWN FRONT	504526	1
1	BEARING, UCFL 205	089124	2
2	BOLT, M16 ROLLER SUPPORT ZINC	100426-1	2
3	ROLLER, HR110/115 HOLD-DOWN	504130	1
4	BRACKET, HOLD-DOWN ROLLER LOWER	520330-1	1
5	BRACKET, HOLD-DOWN ROLLER UPPER	504483-1	1
6	BOLT, M10X20-5.8 HEX HEAD FULL THREAD ZINC	F81003-1	2
7	BOLT, M12X25-8.8 HEX HEAD FULL THREAD ZINC	F81004-31	2
8	BOLT, M12X55-8.8 HEX HEAD FULL THREAD ZINC	F81004-43	1
9	BOLT, M16 X 50-8.8 HEX HEAD	F81006-7	4
10	NUT, M12-8-B ZINC HEX	F81034-1	1
11	NUT, M16-5.8 HEX ZINC	F81036-1	4
12	NUT, M16 HEX NYLON ZINC LOCK	F81036-2	4
13	WASHER, 10.2 SPLIT LOCK ZINC	F81055-2	2

14	WASHER, 10.5 ZINC FLAT SPECIAL	F81055-6	2	
15	WASHER, 13 FLAT ZINC	F81056-1	2	
16	WASHER, 17 FLAT ZINC	F81058-1	8	
17	BRACKET, HOLD-DOWN ROLLER RIGHT	504492-1	1	
18	BRACKET, HOLD-DOWN ROLLER LEFT	504493-1	1	
19	BOLT, M16X40-8.8 HEX HEAD FULL THREAD ZINC	F81006-13	4	
20	WASHER, 17 FLAT ZINC	F81058-1	4	
21	BUMPER, GRENE 70 3201 0010. SHR RUBBER	094969	2	
22	BOLT, M8X35-8.8 HEX HEAD FULL THREAD ZINC	F81002-13	4	
23	WASHER, 8.4 FLAT ZINC	F81054-1	8	
24	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	4	

5.9 HR115W Front Hold-Down Roller

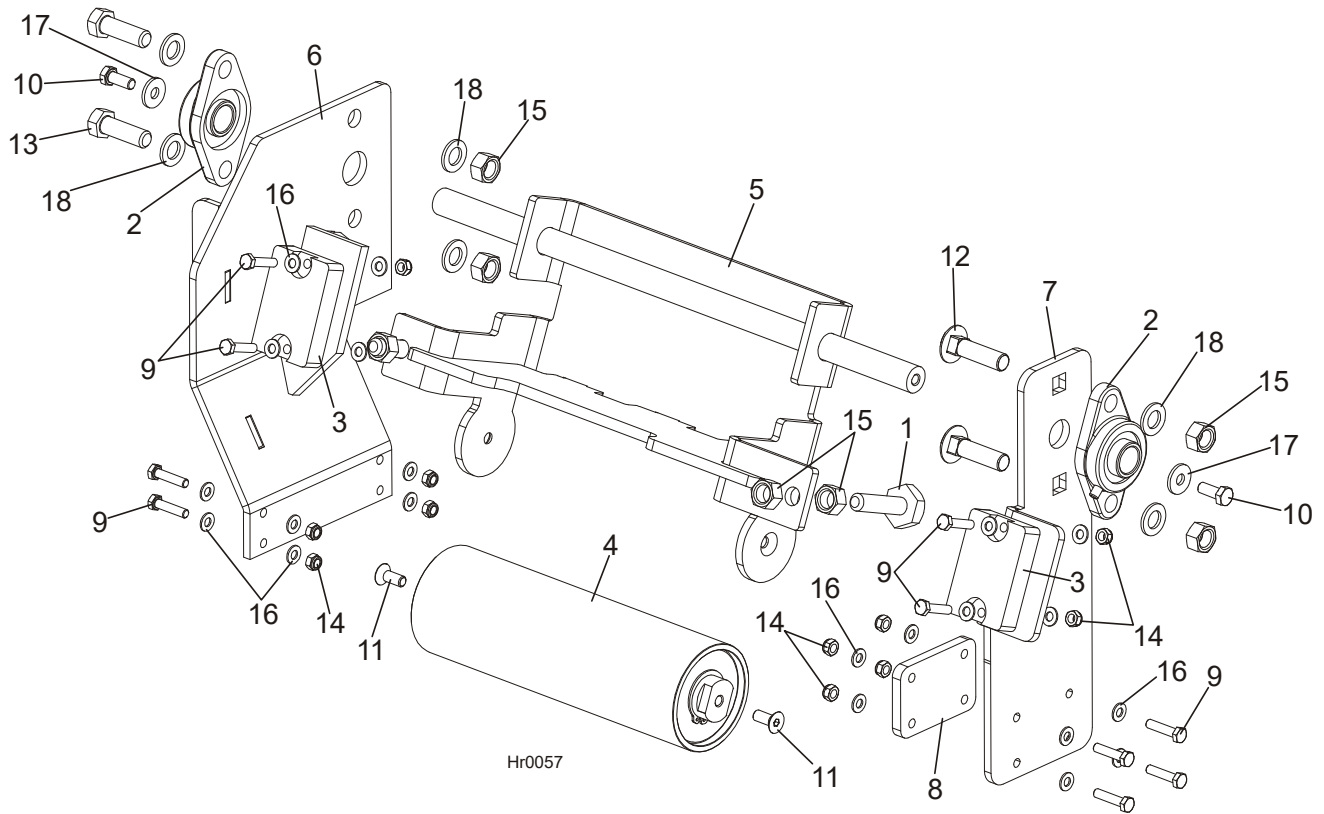
56299_001
 546299_MANUAL



REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART #	QTY
-	ROLLER, FRONT HOLD-DOWN	546299	1
1	BRACKET, HR110/115 HOLD-DOWN ROLLER - LOWER	520330-1	1
-	ROLLER, HR110/115 HOLD-DOWN	504130	1
2	TUBE, HOLD-DOWN ROLLER	504128-1	1
3	RING, W90 INSIDE RETAINING	F81090-29	2
4	BEARING, 6308 2RS CX BALL	504268	2
5	SHAFT, HOLD-DOWN ROLLER ZINC-PLATED	504129-1	1
6	RING, Z40 OUTSIDE RETAINING	F81090-33	2
7	BRACKET, HOLD-DOWN ROLLER - UPPER	546297-1	1
8	BOLT, M16 HOLD-DOWN ROLLER BRACKET ZINC-PLATED	100426-1	2
9	NUT, M16-8 HEX ZINC	F81036-1	4
10	NUT, M12-8-B HEX ZINC	F81034-1	2
11	BOLT, M12X55 8.8 HEX HEAD ZINC	F81004-43	2
12	BEARING, UCFL205 (COMPLEX) W/HOUSING	089124	2
13	WASHER, 17 FLAT ZINC	F81058-1	8
14	NUT, M16 HEX NYLON ZINC LOCK	F81036-2	4
15	BOLT, M16X50-8.8 HEX HEAD FULL THREAD ZINC	F81006-7	4

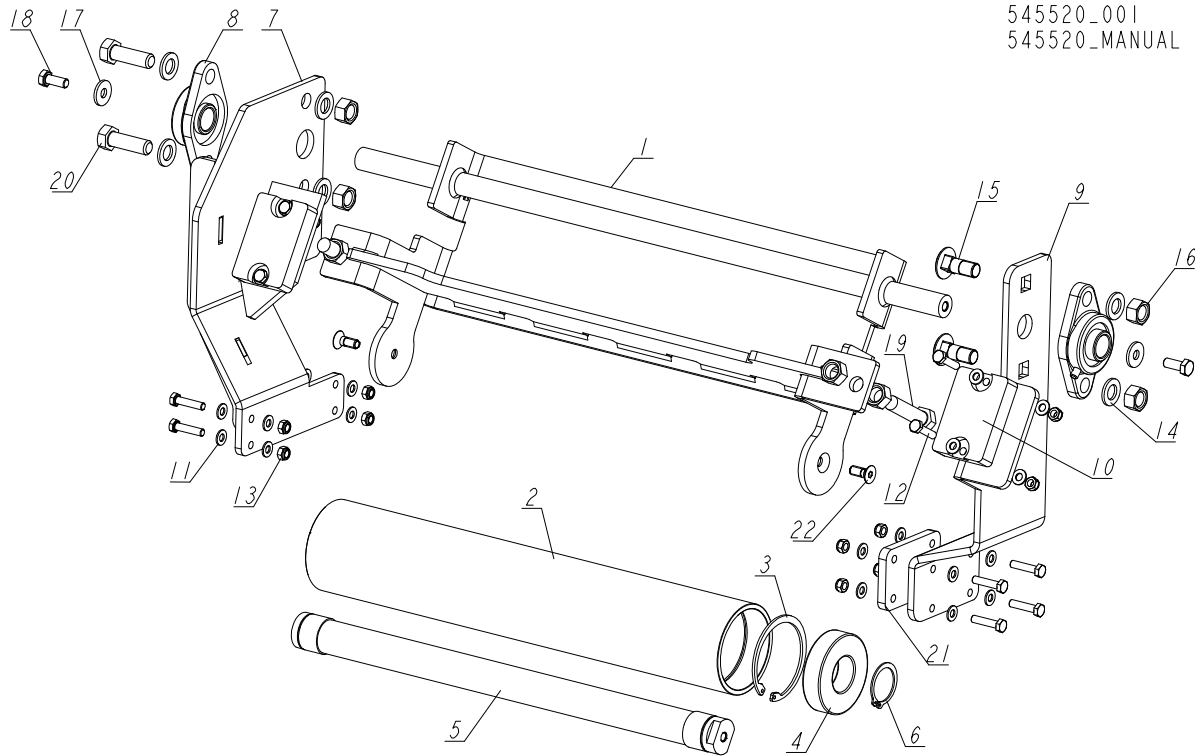
REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART #	QTY	
16	WASHER, 10.5 SPECIAL FLAT ZINC	F81055-6	2	
17	WASHER, Z 10.2 SPLIT LOCK ZINC	F81055-2	2	
18	BOLT, M10X20-8.8 HEX HEAD FULL THREAD ZINC	F81003-1	2	
19	SCREW, M10X25-10.9 DIN 7991 FLAT SOCKET HEAD CAP ZINC	F81003-82	2	
20	BRACKET, HOLD-DOWN ROLLER - RIGHT	546316-1	1	
21	BUMPER, GRENE 70 3201 0010 RUBBER	094969	1	
22	BRACKET, HOLD-DOWN ROLLER - LEFT	546290-1	1	
23	BOLT, M8X35-8.8 HEX HEAD FULL THREAD ZINC	F81002-13	1	
24	WASHER, 8.4 FLAT ZINC	F81054-1	1	

5.10 Rear Hold-Down Roller



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY
	ROLLER, HR110/115 HOLD-DOWN REAR	504855	1
1	BOLT, BAD RAIL ADJUSTMENT	505006	2
2	BEARING, UCFL 205	089124	2
3	BUMPER, GRENE 70 3201 0010. SHR RUBBER	094969	2
4	ROLLER, HR110/115 HOLD-DOWN	504130	1
5	BRACKET, HR110/115 ROLLER REAR	504132-1	1
6	BRACKET, HOLD-DOWN ROLLER RIGHT	504521-1	1
7	BRACKET, HOLD-DOWN ROLLER LEFT	504548	1
8	PLATE, HR ROLLER REAR RETAINING	504864-1	1
9	BOLT, M8x35-8.8 HEX HEAD FULL THREAD ZINC	F81002-13	12
10	BOLT, M10x25-8.8 HEX HEAD FULL THREAD ZINC	F81003-11	2
11	SCREW, M10x25-10.9- Fe/Zn5 DIN 7991	F81003-82	2
12	BOLT, M16x60-8.8 CARRIAGE ZINC	F81006-32	2
13	BOLT, M16 X 50-8.8 HEX HEAD	F81006-7	2
14	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	12
15	NUT, M16-5.8 HEX ZINC	F81036-1	8
16	WASHER, 8.4 FLAT ZINC	F81054-1	24
17	WASHER, 10.5 ZINC FLAT SPECIAL	F81055-6	2
18	WASHER, 17 FLAT ZINC	F81058-1	6

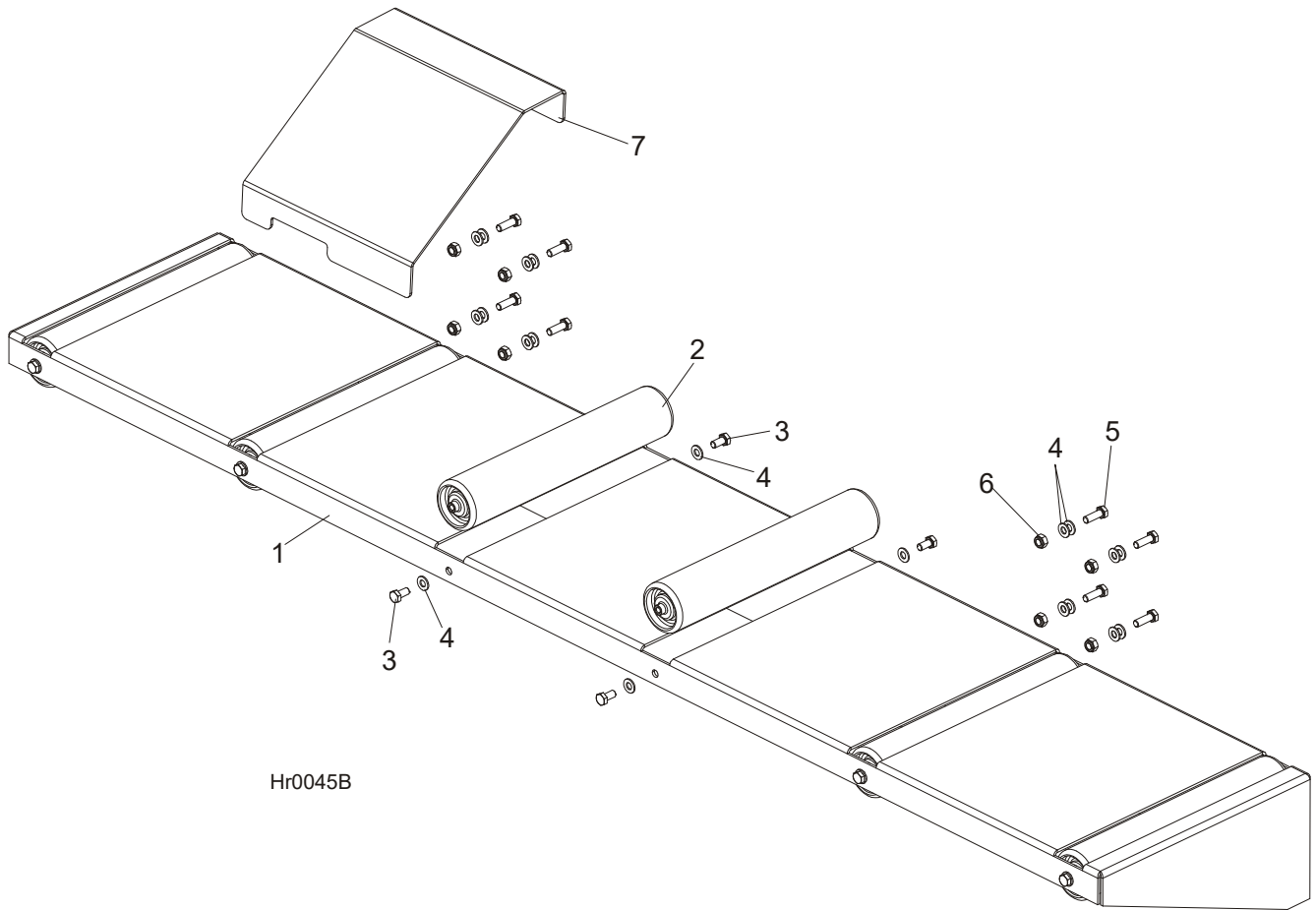
5.11 Rear Roller (600 mm)



545520_001
545520_MANUAL

REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART #	QTY
-	ROLLER, 600MM REAR	545520	1
1	BRACKET, HR110/115 REAR ROLLER MOUNT	545518-1	1
-	ROLLER, HR110/115 HOLD-DOWN	545516	1
2	TUBE, HOLD-DOWN ROLLER	545514-1	1
3	RING, W90 INSIDE RETAINING	F81090-29	2
4	BEARING, 6308 2RS CX BALL	504268	2
5	SHAFT, HOLD-DOWN ROLLER ZINC-PLATED	545515-1	1
6	RING, Z40 OUTSIDE RETAINING	F81090-33	2
7	BRACKET, REAR ROLLER - RIGHT	546293-1	1
8	BEARING, UCFL205 (COMPLEX) W/HOUSING	089124	2
9	BRACKET, REAR ROLLER - LEFT	545536-1	1
10	BUMPER, GRENE 70 3201 0010 RUBBER	094969	2
11	WASHER, 8.4 FLAT ZINC	F81054-1	24
12	BOLT, M8X35-8.8 HEX HEAD FULL THREAD ZINC	F81002-13	12
13	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	12
14	WASHER, 17 FLAT ZINC	F81058-1	6
15	BOLT, M16X40-8.8 CARRIAGE ZINC	F81006-81	2
16	NUT, M16-8 HEX ZINC	F81036-1	8
17	WASHER, 10.5 SPECIAL FLAT ZINC	F81055-6	2
18	BOLT, M10X25 8.8 HEX HEAD FULL THREAD ZINC	F81003-11	2
19	BOLT, M16X65 8.8-B HEX HEAD FULL THREAD ZINC	F81006-1	2
20	BOLT, M16X50-8.8 HEX HEAD FULL THREAD ZINC	F81006-7	2
21	PLATE, SPACER	504864-1	1
22	SCREW, M10X25-10.9 DIN 7991 FLAT SOCKET HEAD CAP ZINC	F81003-82	2

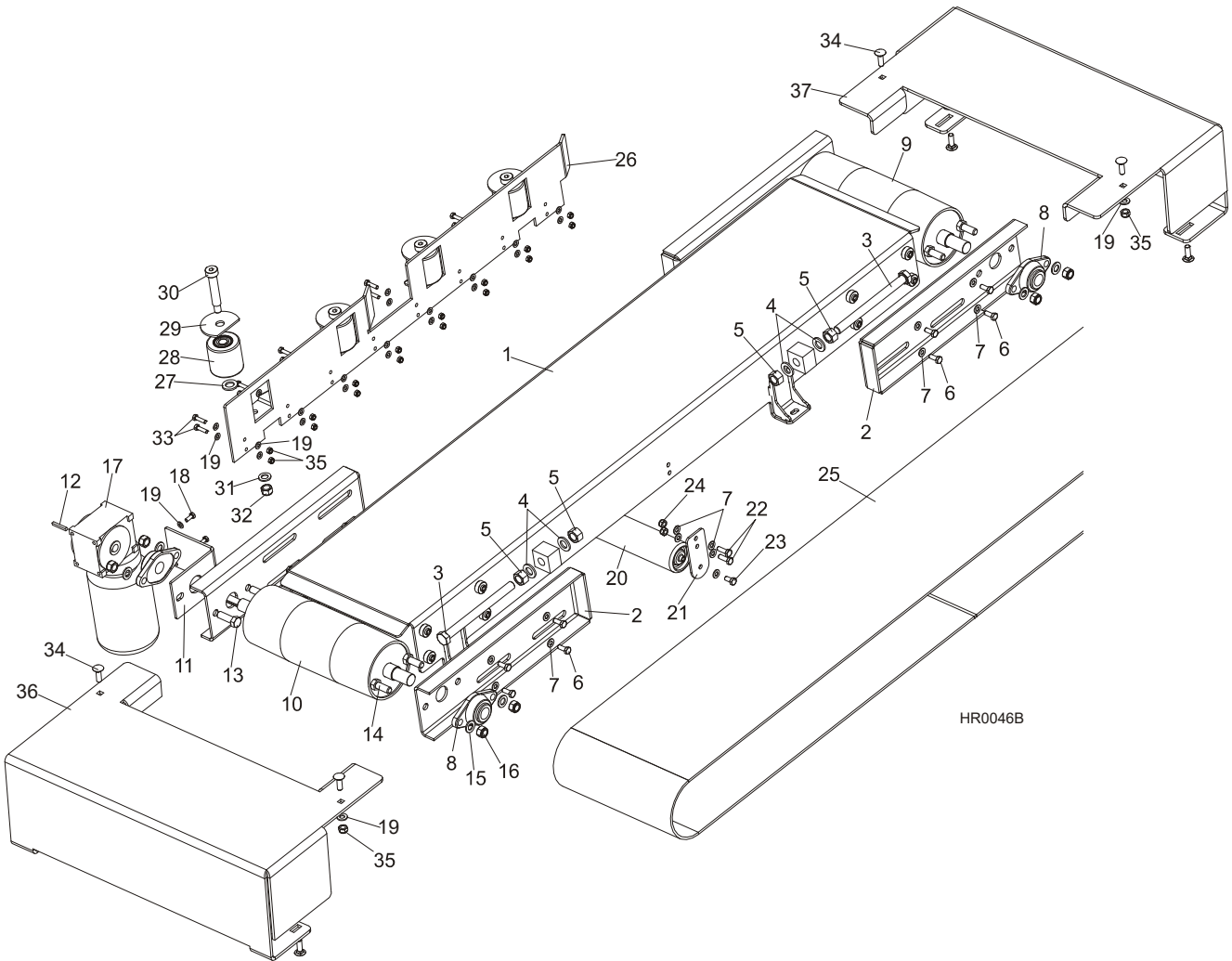
5.12 Infeed, Outfeed & Return Tables



Hr0045B

REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY
	TABLE, HR130 LONG COMPLETE	503966	1
1	TABLE, HR130 LONG	503991-1	1
2	ROLLER, 76x400 W/M10 INTERNAL THREAD	093787	6
3	BOLT, M10x20-5.8 HEX HEAD FULL THREAD ZINC	F81003-1	12
4	WASHER, 10.5 FLAT ZINC	F81055-1	28
5	BOLT, M10x30-5.8 HEX HEAD FULL THREAD ZINC	F81003-2	8
6	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	8
7	PLATE, BOARD RETURN	504124-1	1

5.13 Feed Track Assembly



REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY
	TABLE, HR115 COMPLETE	503780	1
1	TABLE, HR10/115	503775-1	1
2	BRACKET, HR300 PULLEY MOUNT	504133-1	4
3	BOLT, M20X240-8.8 HEX HEAD FULL THREAD ZINC	F81007-1	4
4	WASHER, 21 FLAT ZINC	F81059-2	8
5	NUT, M20-8 HEX ZINC	F81037-1	8
6	BOLT, M10X25-8.8 HEX HEAD FULL THREAD ZINC	F81003-11	16
7	WASHER, 10.5 FLAT ZINC	F81055-1	26
8	BEARING, UCFL 206 CX BALL	090851	4
9	PULLEY, HR115 IDLE SIDE PAINTED	503776-1	1
10	PULLEY, HR115 DRIVE SIDE WITH VENEER	506519	1
11	BRACKET, GEAR BOX MOUNT PAINTED	504856-1	1
12	KEY, AB 6X6X45 PARALLEL	089229	1
13	BOLT, M16X50-8.8 HEX HEAD FULL THREAD ZINC	F81006-7	2
14	BOLT, M16X40-8.8 HEX HEAD FULL THREAD ZINC	F81006-13	6
15	WASHER, 17 FLAT ZINC	F81058-1	8
16	NUT, M16-8 HEX NYLON ZINC LOCK	F81036-2	8

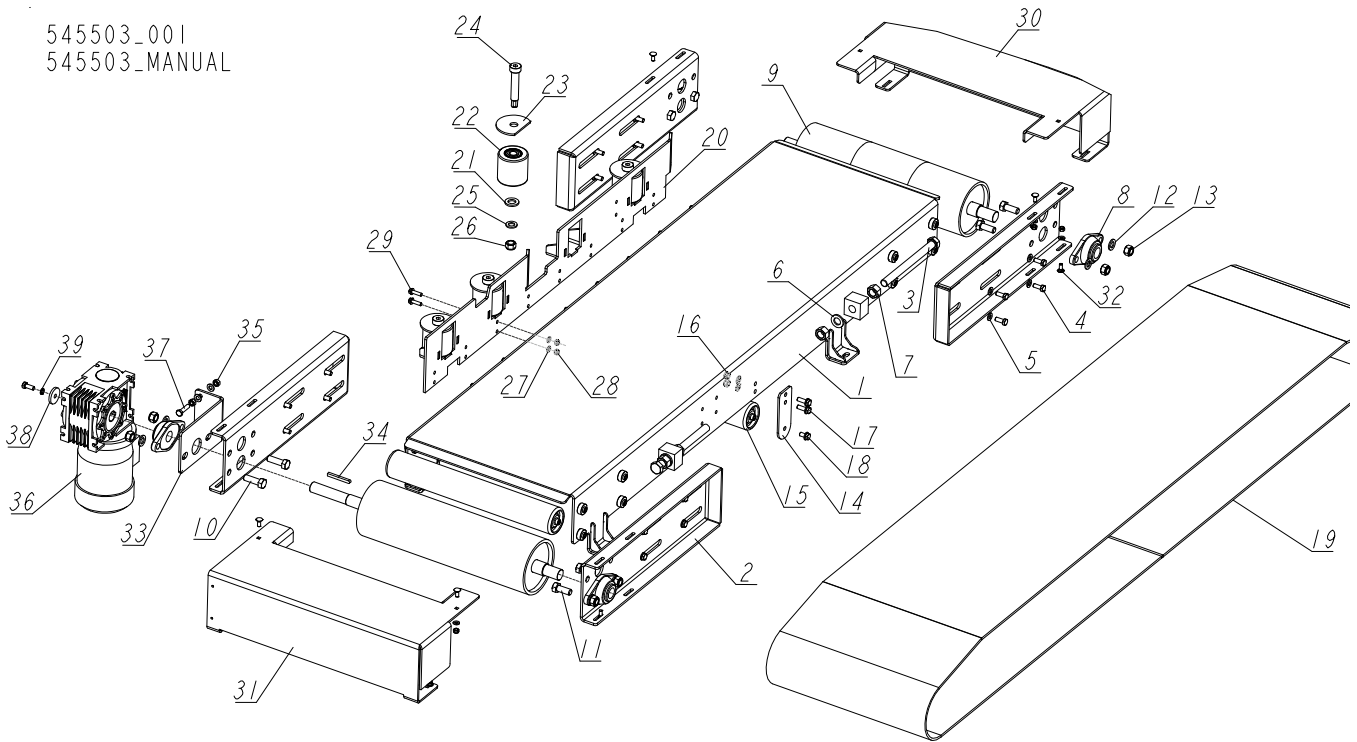
5 Saw Head & Feed Track

Feed Track Assembly

17	MOTOREDUCER, RA-06/49/F3/N+S/V6	505080	1	
	Motor, Skh 80-4A/3045 0.55kW 1400R.P.M.	083794	1	
18	BOLT, M8X20-5.8 HEX HEAD FULL THREAD ZINC	F81002-1	2	
19	WASHER, 8.4 FLAT ZINC	F81054-1	4	
20	ROLLER, 76x400 W/M10 INTERNAL THREAD	093787	1	
21	SUPPORT, HR115 ROLLER	503782-1	2	
22	BOLT, M10x30-5.8 HEX HEAD FULL THREAD ZINC	F81003-2	4	
23	BOLT, M10X20-5.8 HEX HEAD FULL THREAD ZINC	F81003-1	2	
24	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	4	
25	TYPE, EP 250/2 3+0 GRIP B=380 L=4900	503956	1	
	COVERING FOR PULLEYS	R00100	5 m	
	RIVET, P AL/FE 4X10 TUBULAR W/CORE	F81021-11	2	
	GUIDE, SIDE COMPLETE	503985	1	
26	GUIDE, HR130 SIDE	503984-1	1	
27	WASHER, 21 FLAT ZINC	F81059-2	4	
28	ROLLER, R-80-80 SIDE	099429	4	
29	COVER, SIDE ROLLER	503969-1	4	
30	BOLT, 20/M16X90 12.9 ISO7379 SHOULDER	F81006-30	4	
31	WASHER, 17 FLAT ZINC	F81058-1	4	
32	NUT, M16-8 HEX NYLON ZINC LOCK	F81036-2	4	
33	BOLT, M8X30-5.8 HEX HEAD FULL THREAD ZINC	F81002-2	16	
34	BOLT, M8 X 20 CARRIAGE ZINC	F81002-11	8	
35	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	16	
36	COVER, HR110/115 TYPE LEFT	504122-1	1	
37	COVER, HR110/115 TYPE RIGHT	504134-1	1	

5.14 Complete Table, HR115W 600mm

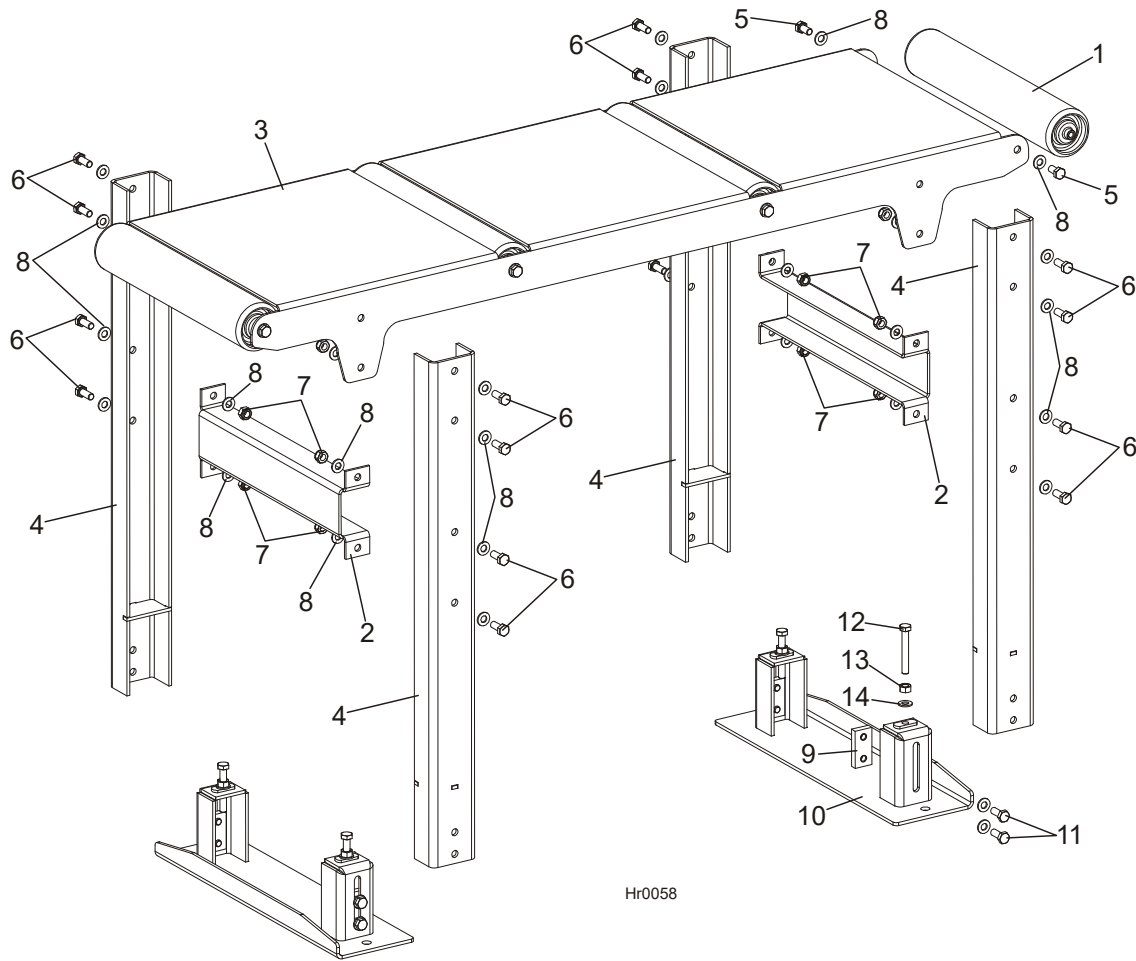
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REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART #	QTY
-	TABLE, HR115 600MM COMPLETE	545503	1
1	TABLE, HR110/115	544252-1	1
2	BRACKET, HR110/115 PULLEY MOUNT	504133-1	4
3	BOLT, M20X240-8.8 HEX HEAD FULL THREAD ZINC	F81007-1	4
4	BOLT, M10X25 8.8 HEX HEAD FULL THREAD ZINC	F81003-11	17
5	WASHER, 10.5 FLAT ZINC	F81055-1	30
6	WASHER, 21 FLAT ZINC	F81059-2	8
7	NUT, M20-8 HEX ZINC	F81037-1	8
8	BEARING, UCFL 206 (CX) BALL	090851	4
9	PULLEY WELDMENT, HR110/115 IDLER	544253-1	1
-	PULLEY, DRIVE W/LAGGING	545510	1
10	BOLT, M16X50-8.8 HEX HEAD FULL THREAD ZINC	F81006-7	2
11	BOLT, M16X40-8.8 HEX HEAD FULL THREAD ZINC	F81006-13	6
12	WASHER, 17 FLAT ZINC	F81058-1	8
13	NUT, M16 HEX NYLON ZINC LOCK	F81036-2	8
14	PLATE, HR110/115 ROLLER MOUNT	503782-1	2
15	ROLLER, N76.1X520 W/M10 THREAD	544250	2
16	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	4
17	BOLT, M10X30-8.8 HEX HEAD FULL THREAD ZINC	F81003-2	4
18	BOLT, M10X20-8.8 HEX HEAD FULL THREAD ZINC	F81003-1	2
19	BELT, L=4900 B=500	545507	1
-	GUIDE, COMPLETE SIDE	546296	1
20	GUIDE WELDMENT, HR110/115 SIDE	546285-1	1
21	WASHER, 21 FLAT ZINC	F81059-2	4

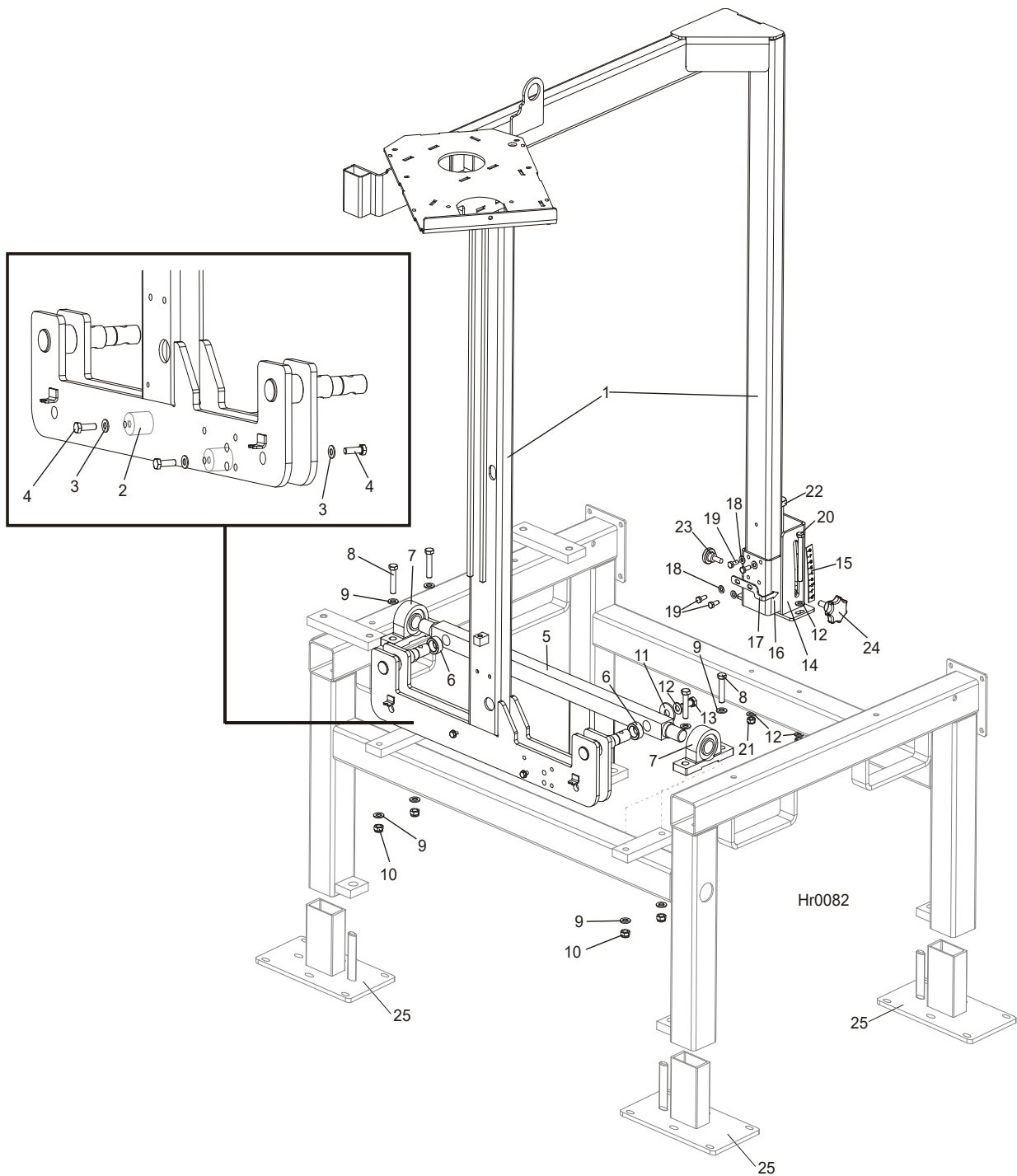
REF.	DESCRIPTION (* indicates parts available in assemblies only)	PART #	QTY	
22	ROLLER, 80 R80-80-80 (ZABI)	099429	4	
23	COVER, GUIDE ROLLER ZINC-PLATED	503969-1	4	
24	BOLT, 20/M16X90 12.9 ISO7379 (BOSSARD) SHOULDER	F81006-30	4	
25	WASHER, 17 FLAT ZINC	F81058-1	4	
26	NUT, M16-8 HEX NYLON ZINC LOCK	F81036-2	4	
27	WASHER, 8.4 FLAT ZINC	F81054-1	40	
28	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	24	
29	BOLT, M8X30-8.8-B HEX HEAD FULL THREAD ZINC	F81002-2	16	
30	GUARD, HR110/115 RIGHT	545509-1	1	
31	GUARD, HR LEFT	545508-1	1	
32	BOLT, M8X20-8.8 CARRIAGE ZINC	F81002-11	8	
33	ARM, HR110/115 TORQUE	504856-1	1	
34	KEY, AB 8X7X70 PARALLEL	089231	1	
35	NUT, M10 8 HEX ZINC	F81033-3	4	
36	GEAR MOTOR, MR-63/49/0.55-1400/F3/N+S/V6	505080	1	
37	BOLT, M10X40-8.8 HEX HEAD FULL THREAD ZINC	F81003-16	2	
38	WASHER, 10.5/45-6 ZINC-PLATED	086286-1	1	
39	WASHER, Z 10.2 SPLIT LOCK ZINC	F81055-2	1	

5.15 Table, Idle Roller



REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY
	TABLE, HR110/115 IDLE ROLLER COMPLETE	504100	1
1	ROLLER, 76x400 W/M10 INTERNAL THREAD	093787	4
2	LINK, TABLE MIDDLE	504096-1	2
3	PLATE, TABLE MOUNTING	504101-1	1
4	SUPPORT, TABLE	504102-1	4
5	BOLT, M10X20-5.8 HEX HEAD FULL THREAD ZINC	F81003-1	8
6	BOLT, M10 X 25 8.8 HEX HEAD FULL THREAD ZINC	F81003-31	16
7	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	16
8	WASHER, 10.5 FLAT ZINC	F81055-1	40
	FOOT, COMPLETE	504097	2
9	PLATE, M10 RETAINING	101242-1	2
10	FOOT, OUTRIGGER	504098-1	1
11	BOLT, M10X25-8.8 HEX HEAD FULL THREAD ZINC	F81003-11	4
12	BOLT, M10 X 70-8.8 HEX HEAD FULL THREAD ZINC	F81003-20	2
13	NUT, M10-8-B HEX ZINC	F81033-3	2
14	WASHER, 10.5 FLAT ZINC	F81055-1	6

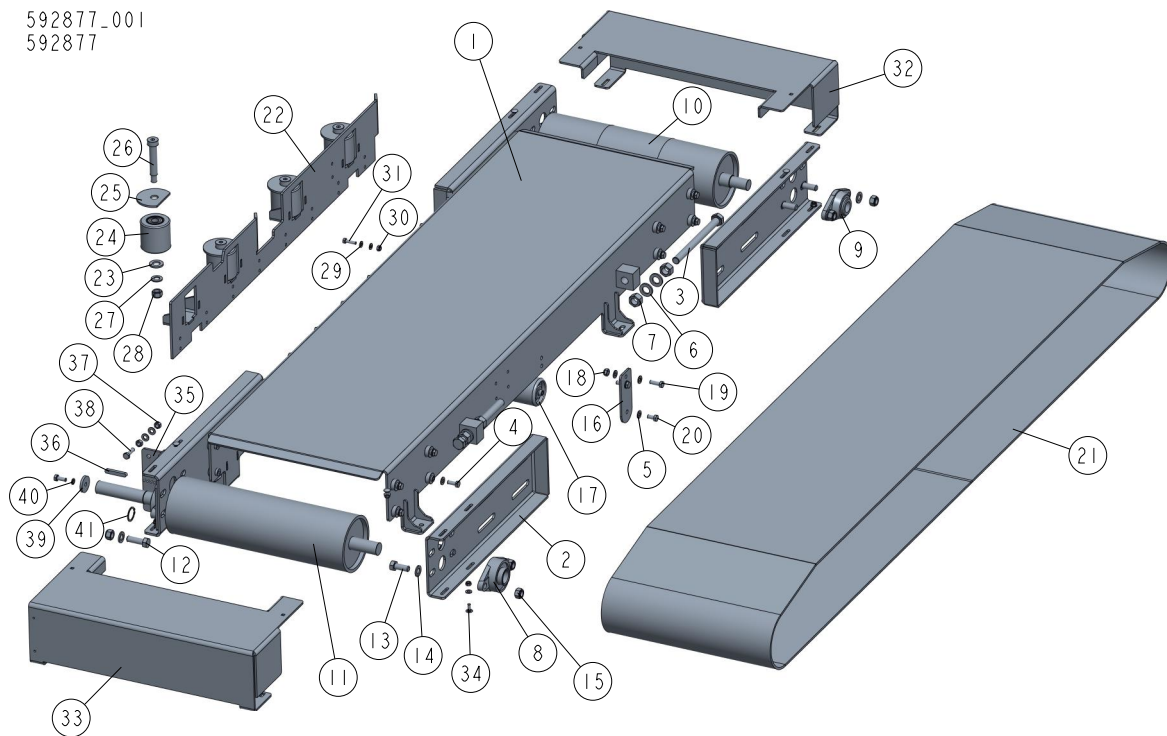
5.16 Mast & Tilt Adjustment Assembly



REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY
1	MAST, HR115 WELDED/ PAINTED	505061-1	1
	MAST, HR115G25	592862-1	1
	HR115 MAST FOOT	096720	1
2	ROD, MAST FOOT	503401	2

3	WASHER, 8.4 FLAT ZINC	F81054-1	4	
4	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	4	
5	BAR, HR110/115 MAST SUPPORT	503771-1	1	
6	BUSHING, 38/25.4X16	503967-1	2	
7	BEARING, UCP 206 CX W/HOUSING	099254	2	
8	BOLT, M12X60-8.8 HEX HEAD ZINC	F81004-5	4	
9	WASHER, 13 FLAT ZINC	F81056-1	8	
10	NUT, M12-8 HEX NYLON ZINC LOCK	F81034-2	4	
11	WASHER, 13 SPECIAL FLAT ZINC-PL.	F81056-14	2	
12	WASHER, 10.5 FLAT ZINC	F81055-1	6	
13	BOLT, M10X25-8.8 HEX HEAD FULL THREAD ZINC	F81003-11	2	
14	BRACKET, HR100/115 MAST MOUNT	503989-1	1	
15	DECAL, HR110/115 TILT ANGLE SCALE	504294	1	
16	CONNECTOR, HR110/115 TILT ADJUSTMENT ASSEMBLY	503980-1	1	
17	INDICATOR, HR110/115 TILT ANGLE SCALE	504295-1	1	
18	WASHER, 8.4 FLAT ZINC	F81054-1	4	
19	BOLT, M8X20-8.8 HEX HEAD FULL THREAD ZINC	F81002-4	4	
20	BOLT, M10X110 8.8 HEX HEAD ZINC	F81003-43	2	
21	NUT, M10-8-B NYLON HEX ZINC LOCK	F81033-1	2	
22	BOLT, HR110/115 TILT ANGLE ADJUSTMENT	504868	1	
23	SCREW, M10X25 8.8 KNURLED THUMB ZINC-PL. W/HIGH HEAD	F81003-24	1	
24	KNOB, SR1580 63X25 M12	500460	1	
25	FOOT PLATE ASSEMBLY	512225-1	4	

5.17 Complete Table, HR115G25 600mm 592877



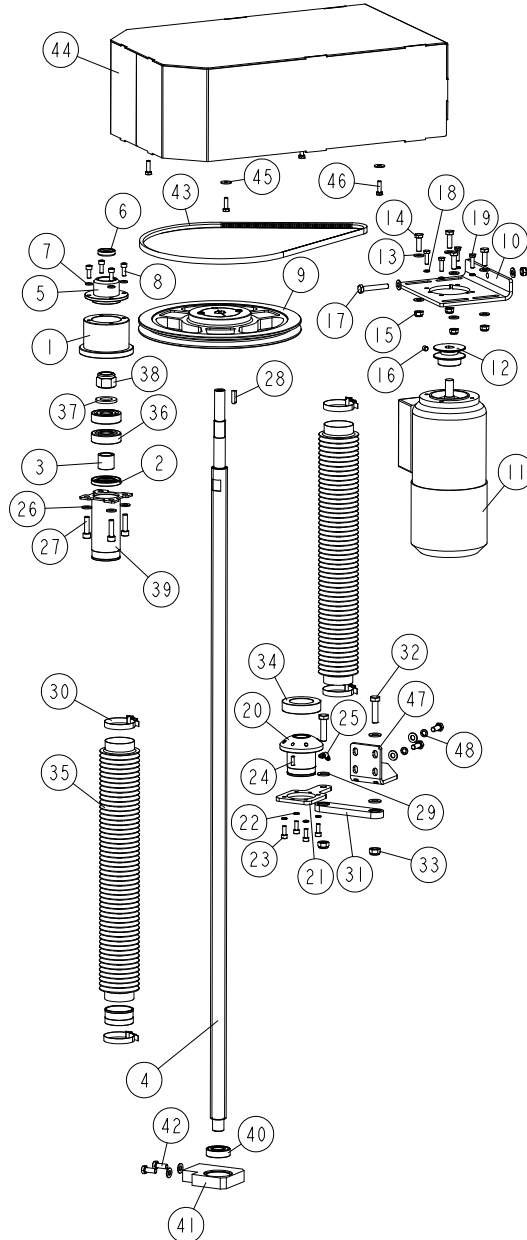
REF	DESCRIPTION (◆ indicates parts available in assemblies only)	PART #	QTY
-	TABLE, HR115G25-600MM COMPLETE	592877	1
1	TABLE, HR110/115	544252-1	1
2	BRACKET, HR110/115 PULLEY MOUNT	504133-1	4
3	BOLT, M20X240-8.8 HEX HEAD FULL THREAD Z	F81007-1	4
4	BOLT, M10X25-8.8 HEX HEAD FULL THREAD ZI	F81003-11	17
5	WASHER, 10.5 FLAT ZINC	F81055-1	30
6	WASHER, 21 FLAT ZINC	F81059-2	8
7	NUT, M20-8 HEX ZINC	F81037-1	8
8	BEARING, UCFL 207 BALL	524021	2
9	BEARING, FYTB30FJ BALL (SKF)	090851	2
10	PULLEY WELDMENT, HR110/115 IDLER	544253-1	1
11	PULLEY, DRIVE W/LAGGING	601621	1
12	BOLT, M16X50-8.8 HEX HEAD FULL THREAD ZI	F81006-7	2
13	BOLT, M16X40-8.8 HEX HEAD FULL THREAD ZI	F81006-13	6
14	WASHER, 17 FLAT ZINC	F81058-1	8
15	NUT, M16,HEX, NYLON ZINC LOCK	F81036-2	8
16	PLATE, HR110/115 ROLLER MOUNT	503782-1	2
17	ROLLER, N76.1X520 W/M10 THREAD	544250	1
18	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	4
19	BOLT, M10X30 5.8 HEX HEAD FULL THREAD Z	F81003-2	4
20	BOLT, M10X20-5.8 HEX HEAD FULL THREAD ZI	F81003-1	2
21	BELT, L=4900 B=500	545507	1
-	GUIDE, COMPLETE SIDE	546296	1
22	GUIDE WELDMENT, HR110/115 SIDE	546285-1	1

REF	DESCRIPTION (◆ indicates parts available in assemblies only)	PART #	QTY	
23	WASHER, 21 FLAT ZINC	F81059-2	4	
24	ROLLER, R-80-80 W/BEARING	099429	4	
25	COVER, SIDE ROLLER	503969-1	4	
26	BOLT, 20/M16X90 12.9 ISO7379 SHOULDER	F81006-30	4	
27	WASHER, 17 FLAT ZINC	F81058-1	4	
28	NUT, M16,HEX, NYLON ZINC LOCK	F81036-2	4	
29	WASHER, 8.4 FLAT ZINC	F81054-1	40	
30	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	24	
31	BOLT, M8X30-5.8-B HEX HEAD FULL THREAD Z	F81002-2	16	
32	GUARD, HR110/115 RIGHT	545509-1	1	
33	GUARD, HR LEFT	545508-1	1	
34	BOLT, M8X20-8.8 FE/ZN5 PN-M/82406	F81002-11	8	
35	ARM, HR110/115 TORQUE	592903-1	1	
36	KEY, A10X8X63 PARALLEL	088130	1	
37	NUT, M10-8-B HEX ZINC	F81033-3	4	
38	BOLT,M10X35-8.8 HEX HEAD FULL THREAD ZIN	F81003-17	2	
39	WASHER, LT15 DRIVE WHEEL ZINC	086286-1	1	
40	WASHER, Z 10.2 SPLIT LOCK ZINC	F81055-2	1	
41	RING, Z35 OUTSIDE RETAINING	F81090-36	1	

SECTION 6 UP/DOWN SYSTEM

6.1 AC Up/Down Drive Assembly

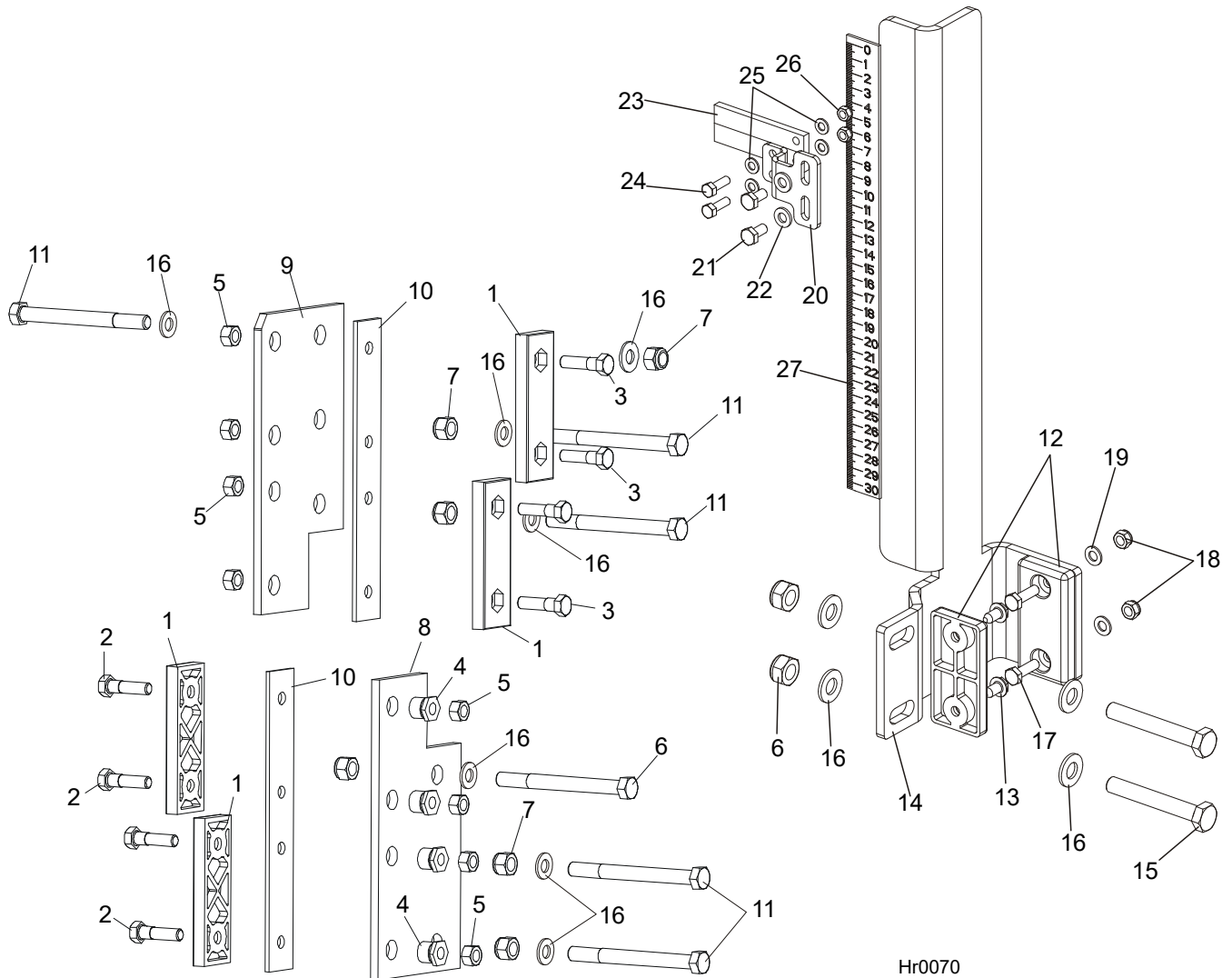
094143_001
094143



REF	DESCRIPTION (u indicates parts available in assemblies only)	PART #	QTY
-	DRIVE ASSEMBLY, AC UP/DOWN	094143	1
1	HOUSING, ACME SCREW BEARING	094164-1	1
2	RING, AO28X52X7 SEALING	094155	1
3	BUSHING, 20/28-25 ZINC-PLATED	094156-1	1
4	SCREW, TR 28X5 ACME	094144	1
5	COVER, ACME SCREW BEARING HOUSING	094165-1	1
6	RING, A18X30X7 SEALING	094159	1

REF	DESCRIPTION (u indicates parts available in assemblies only)	PART #	QTY
7	WASHER, 6.4 FLAT ZINC	F81053-1	4
8	SCREW, M6X16 -8.8 HEX SOCKET HEAD CAP ZI	F81001-21	4
9	PULLEY, SPA 280 X 1 W/18 SPLIT TAPER BUS	094157	1
-	MOTOR, AC UP/DOWN - COMPLETE	094161	1
10	PLATE, DRIVE BELT TENSION	094162-1	1
261	MOTOR, SKH71X-4C2/HPS	093860	1
	BRAKE, MOTOR	083610	1
12	PULLEY, UP/DOWN DRIVE	094160-1	1
13	WASHER, 8.4 FLAT ZINC	F81054-1	10
14	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD Z	F81002-5	4
15	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	5
16	SCREW, M8X8-33H HEX SOCKET SET FLAT POIN	F81014-1	1
17	BOLT, M8X50 -8.8 HEX HEAD FULL THREAD ZI	F81002-19	1
18	WASHER, Z 6.1 SPLIT LOCK	F81053-3	4
19	BOLT, M6X20 8.8 HEX HEAD FULL THREAD ZIN	F81001-2	4
-	NUT, UP/DOWN DRIVE - COMPLETE	094150	1
20	NUT, TR28X5 UP/DOWN DRIVE	505315	1
21	PLATE, NUT HOUSING SEAT	094242-1	1
22	WASHER, Z 6.1 SPLIT LOCK	F81053-3	4
23	SCREW, M6X16 -8.8 HEX SOCKET HEAD CAP ZI	F81001-21	4
24	PIN, 5X16 ROLL ZINC	F81044-3	2
25	FITTING, M6 "B" TYPE PN-M/86003 GREASE	094213	1
26	WASHER, 8.4 FLAT ZINC	F81054-1	8
27	BOLT, M8 X 30-8.8 SOCKET HEAD	F81002-31	4
28	KEY, 6X6X23	089191	1
29	WASHER, 10.5 FLAT ZINC	F81055-1	3
30	CLAMP, 40-60MM DIA.	F81095-4	4
31	LINK, SBPL 10104 PIVOTAL (COMPLEX)	097700	1
32	BOLT, M10X40-8.8 HEX HEAD FULL THREAD ZI	F81003-16	2
33	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	2
34	WASHER, DIN6319-42-C SPHERICAL SEAT	093864-1	1
35	BELLOWS, 50/700 PROTECTIVE	094208	2
36	BEARING, 7304B-UO. ROLLING	094256	2
37	WASHER, 21 FLAT ZINC	F81059-2	1
38	NUT, ISO10512-M20X1.5-8-A2 SELF-LOCKING	F81037-5	1
39	BRACKET, UPPER BELLOWS MOUNT ZINC-PLATED	094221-1	1
40	BEARING, 6004 2RS CX ROLLING	093868	1
41	HOUSING, LOWER BEARING (W/LOWER BELLOWS	093866-1	1
42	BOLT, M8X20 8.8 HEX HEAD FULL THREAD ZIN	F81002-4	4
43	V-BELT, AVX-13X1100LA	095306	1
-	COVER, UP/DOWN DRIVE HIGH - COMPLETE	096948	1
44	GUARD, LT15 UP/DOWN DRIVE	096945-1	1
45	WASHER, 6.5 SPECIAL FLAT ZINC	F81053-11	4
46	BOLT, M6X20 8.8 HEX HEAD FULL THREAD ZIN	F81001-2	4
47	BRACKET, PIVOTAL LINK MOUNT	511217-1	1
48	WASHER 8,2 SPLIT LOCK ZINC	F81054-4	2

6.2 Slide Pads & Blade Height Scale

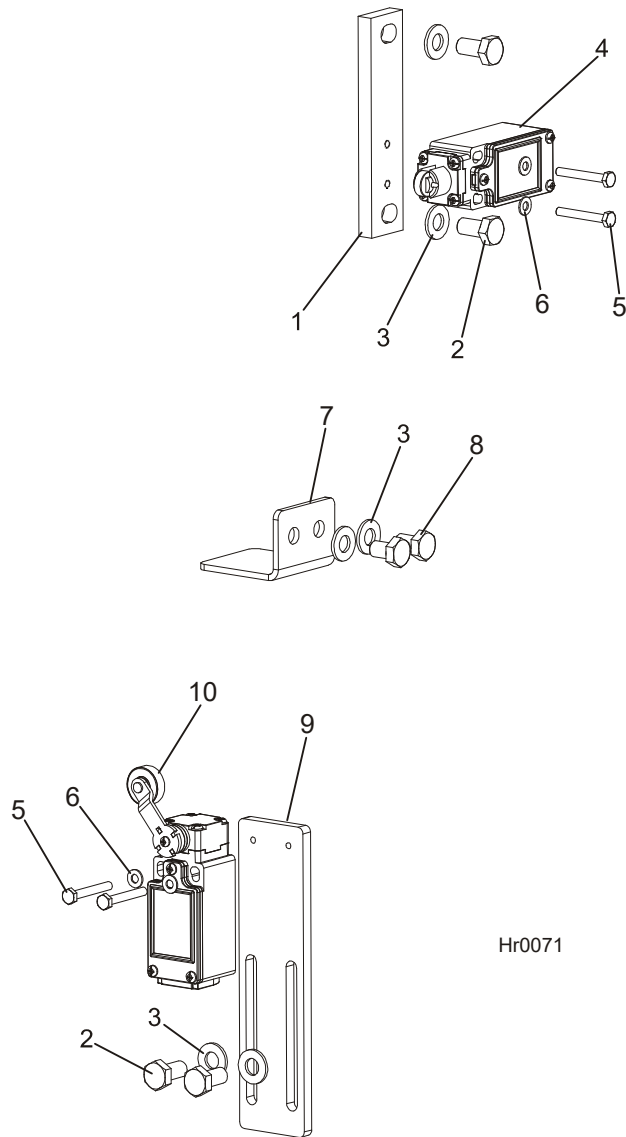


Hr0070

REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY
1	PADS, DELRIN UP/DOWN SLIDE	M04096	4
2	BOLT, M8X35-8.8 HEX HEAD FULL THREAD ZINC	F81002-13	4
3	BOLT, M8X20-8.8 HEX HEAD FULL THREAD ZINC	F81002-4	4
4	NUT, LT15 SLIDE PAD ADJUSTMENT	086683-1	4
5	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	8
6	BOLT, M10X110 8.8 HEX HEAD ZINC	F81003-43	1
7	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	8
8	PLATE, SAW HEAD LOWER GUIDE PAINTED	086682-1	1
9	PLATE, SAW HEAD UPPER GUIDE PAINTED	094139-1	1
10	PLATE, SLIDE PAD SPACER PAINTED	094140-1	2
11	BOLT, M10X115-8.8 HEX HEAD ZINC	F81003-19	5
12	PAD, IDLE SIDE SLIDE	P13576	2

13	SCREW, 1/4-20 X 1/2" "23" TYPE SELF-TAPPING	F05015-1	2	
14	GUIDE-SCALE, HR115	504857-1	1	
15	BOLT, M10X70-8.8 HEX HEAD FULL THREAD ZINC	F81003-20	2	
16	WASHER, 10.5 FLAT ZINC	F81055-1	11	
17	BOLT, M6X20-8.8 HEX HEAD FULL THREAD ZINC	F81001-2	2	
18	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	2	
19	WASHER, 6.4 FLAT ZINC	F81053-1	2	
20	BRACKET, SCALE INDICATOR	504858-1	1	
21	BOLT, M6X12-8.8 HEX HEAD FULL THREAD ZINC	F81001-7	2	
22	WASHER, 6.4 FLAT ZINC	F81053-1	2	
23	INDICATOR, BLADE HEIGHT SCALE	094821	1	
24	BOLT, M5X16 -8.8 FE/ZN5 HEX HEAD FULL THREAD	F81000-20	2	
25	WASHER, 5.3 FLAT ZINC	F81052-1	4	
26	NUT, M5-8-FE/ZN5 DIN985	F81030-2	2	
27	DECAL, HR115 BLADE HEIGHT SCALE	504127	1	

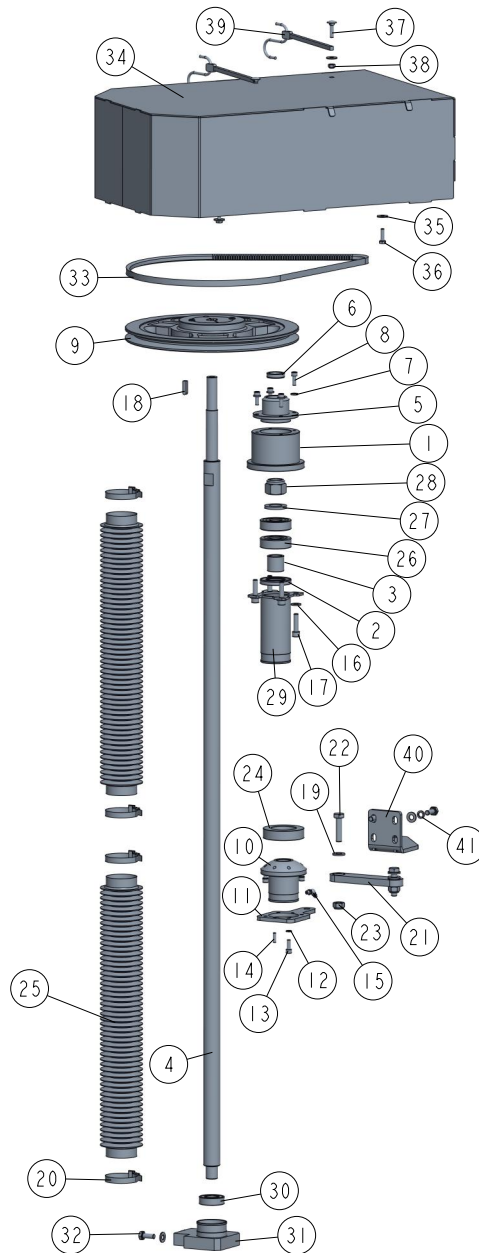
6.3 Up/Down Limit Switches



Hr0071

REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY
1	PLATE, LIMIT SWITCH MOUNT	505606-1	1
2	BOLT, M8X16-8.8-B HEX HEAD FULL THREAD ZINC	F81002-20	4
3	WASHER, 8.4 FLAT ZINC	F81054-1	6
4	SWITCH, GLCB01C LIMIT	100910	1
5	BOLT, M4X30 8.8 HEX HEAD FULL THREAD ZINC	F81000-85	4
6	WASHER, 4.3 FLAT ZINC	F81051-2	4
7	PLATE, LIMIT SWITCH	505605-1	1
8	BOLT, M8X12-8.8 ZINC	F81002-6	2
9	PLATE, LIMIT SWITCH MOUNT	505125-1	1
10	LIMIT SWITCH, GLCB01A1B	100931	1

6.4 Up/Down Drive Assembly HR115G25. 592878

592878_001
592878

REF	DESCRIPTION (◆ indicates parts available in assemblies only)	PART #	QTY
-	DRIVE ASSEMBLY, UP/DOWN	592878	1
1	HOUSING, ACME SCREW BEARING	094164-1	1
2	RING, AO28X52X7 SEALING	094155	1
3	BUSHING, 20/28-25 ZINC-PLATED	094156-1	1
4	SCREW, TR 28X5 ACME	094144	1
5	COVER, ACME SCREW BEARING HOUSING	094165-1	1
6	RING, A18X30X7 SEALING	094159	1
7	WASHER, 6.4 FLAT ZINC	F81053-1	4
8	SCREW, M6X16-8.8 HEX SOCKET HEAD CAP ZIN	F81001-21	4
9	PULLEY, SPA 280 X 1 W/18 SPLIT TAPER BUS	094157	1
-	NUT, UP/DOWN DRIVE - COMPLETE	094150	1

REF	DESCRIPTION (◆ indicates parts available in assemblies only)	PART #	QTY	
10	NUT, TR28X5 UP/DOWN DRIVE	505315	1	
11	PLATE, NUT HOUSING SEAT	094242-1	1	
12	WASHER, Z 6.1 SPLIT LOCK ZINC	F81053-3	4	
13	SCREW, M6X16-8.8 HEX SOCKET HEAD CAP ZIN	F81001-21	4	
14	PIN, 5X16 ROLL ZINC	F81044-3	2	
15	FITTING, M6 'B' TYPE PN-M/86003 GREASE	094213	1	
16	WASHER, 8.4 FLAT ZINC	F81054-1	8	
17	BOLT, M8 X 30-8.8 SOCKET HEAD	F81002-31	4	
18	KEY, 6X6X23	089191	1	
19	WASHER, 10.5 FLAT ZINC	F81055-1	3	
20	CLAMP, 40-60MM DIA.	F81095-4	4	
21	LINK, SBPL 10104 PIVOTAL (COMPLEX)	097700	1	
22	BOLT, M10X40-8.8 HEX HEAD FULL THREAD ZI	F81003-16	2	
23	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	2	
24	WASHER, DIN6319-42-C SPHERICAL SEAT	093864-1	1	
25	BELLOWS, 50/700 PROTECTIVE	094208	2	
26	BEARING, 7304B-UO. ROLLING	094256	2	
27	WASHER, 21 FLAT ZINC	F81059-2	1	
28	NUT, ISO10512-M20X1.5-8-A2 SELF-LOCKING	F81037-5	1	
29	BRACKET, UPPER BELLOWS MOUNT ZINC-PLATED	094221-1	1	
30	BEARING, 6004 2RS CX ROLLING	093868	1	
31	HOUSING, LOWER BEARING (W/LOWER BELLOWS	093866-1	1	
32	BOLT, M8X20-8.8-B HEX HEAD FULL THREAD Z	F81002-4	4	
33	V-BELT, AVX-13X1100LA	095306	1	
-	GUARD WLDMT, HR115 UP/DOWN DRIVE	550405	1	
34	GUARD, HR115 UP/DOWN DRIVE PAINTED	539000-1	1	
35	WASHER, 6.5 FLAT	F81053-11	6	
36	BOLT, M6X20-8.8 HEX HEAD FULL THREAD ZIN	F81001-2	4	
37	BOLT, M6X25-8.8 ZINC	F81001-20	2	
38	NUT, M6-8-B HEX NYLON LOCK ZINC	F81031-2	2	
39	STRAP, 24" RUBBER (FOR FUEL TANK - SEE E	P11258	2	
40	BRACKET, PIVOTAL LINK MOUNT	511217-1	1	
41	WASHER, 8.2 SPLIT LOCK	F81054-4	2	