

Single Horizontal Saw SHS

Parts Manual

SHSEH15S-LC	rev.A1.00
SHSEH20S-LC	rev. A1.00
SHSEH25S-LC	rev.A1.00



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

Form #1022

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SECTION 1 GENERAL INFORMATION

1.1 How To Use The Parts List

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

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

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

To Order Parts:

- From Europe call our European Headquarters and Manufacturing Facility in Kolo, Poland at **+48-63-2626000**. From the continental U.S., call our toll-free Parts hotline at **1-800-525-8100**. 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:

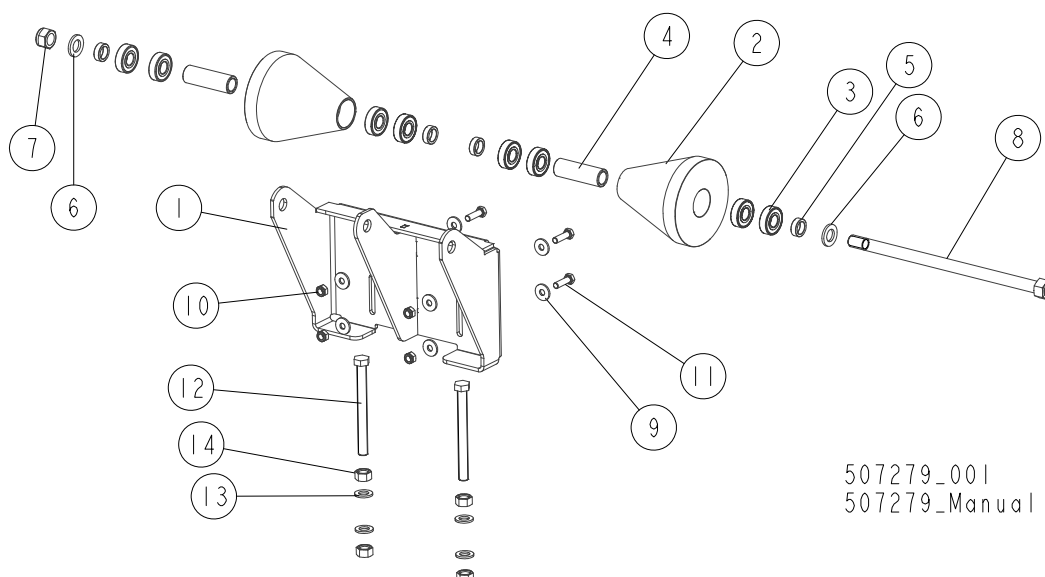
Country	Monday - Friday	Saturday	Sunday
Poland	7-15	Closed	Closed
US	8 a.m.- 5 p.m.	8 a.m.- 12 p.m.	Closed



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

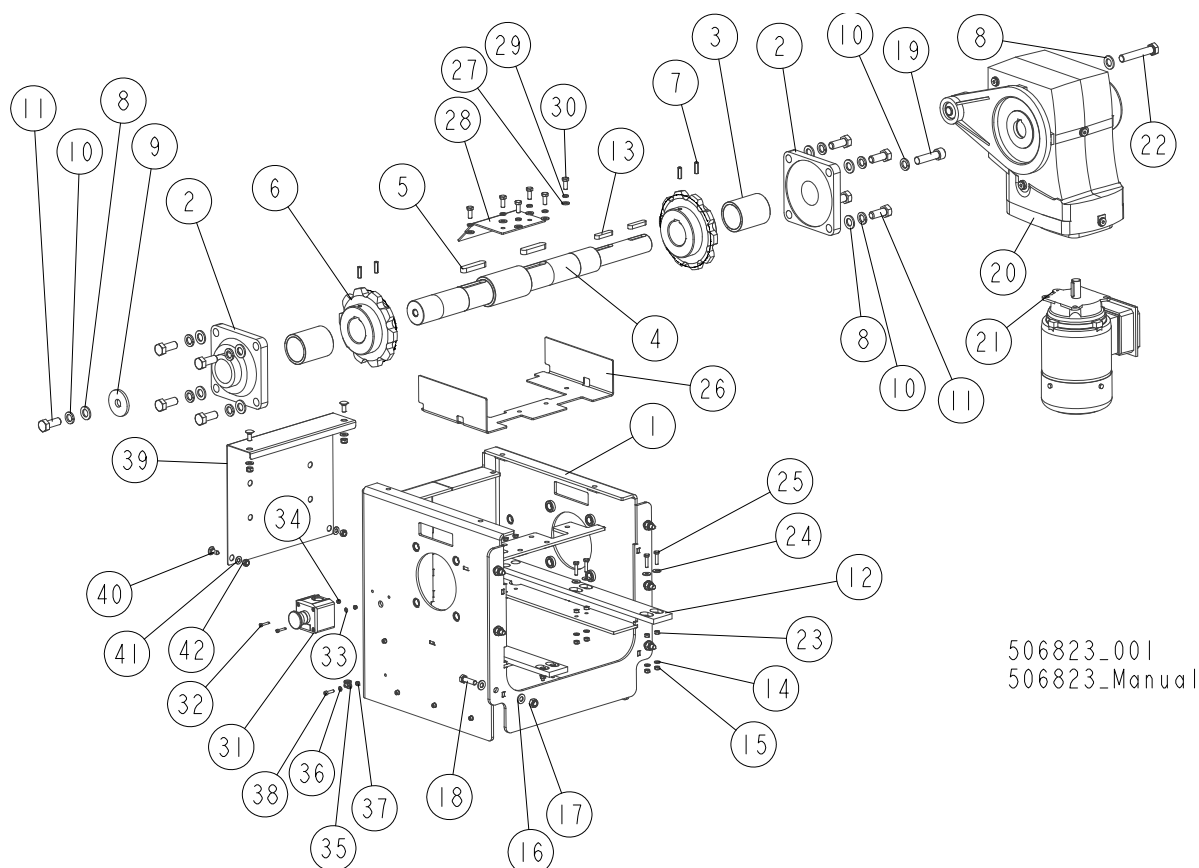
SECTION 2 INFEED & OUTFEED TABLE

2.1 Log Guide Roller



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	ROLLER, LOG GUIDE - COMPLETE	507279	1	
5	BRACKET, GUIDE ROLLER MOUNT	507280-1	1	
	ROLLER, LONG CONICAL W/AXLE - COMPLETE	508692	1	
6	ROLLER, CONICAL ZINC-PLATED GUIDE	508533-1	2	
7	BEARING, 6204 2RS CX ROLLING	088447	8	
8	BUSHING, 21/30-91.3 ZINC-PLATED	508645-1	2	
9	BUSHING, 21/30-10 ZINC-PLATED	099351-1	4	
10	WASHER, 21 FLAT ZINC	F81059-2	2	
11	NUT, M20-8 DIN985 HEX THIN ZINC	F81037-2	1	
12	AXLE, CONICAL GUIDE ROLLER	508693-1	1	
13	WASHER, 10.5 SPECIAL FLAT ZINC	F81055-6	8	
14	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	4	
15	BOLT, M10X35 8.8 HEX HEAD FULL THREAD ZINC	F81003-17	4	
16	BOLT, M16X160 8.8 HEX HEAD FULL THREAD ZINC	F81006-23	2	
17	WASHER, 17 SPLIT LOCK ZINC	F81058-1	4	
18	NUT, M16-8 HEX ZINC	F81036-1	4	

2.2 Feed Chain Drive Assembly



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	DRIVE ASSEMBLY, SHS FEED CHAIN	506823	1	
1	MOUNT WELDMENT, FEED CHAIN DRIVE	506820-1	1	
2	BEARING, UCF 211 W/HOUSING	089889	2	
3	BUSHING, 68X56X84.2 ZINC-PLATED SPACER	506825-1	2	
4	SHAFT, FEED CHAIN DRIVE (PHOSPHATIZED)	506824-1	1	
5	KEY, A16X10X70 PARALLEL	098029	2	
6	SPROCKET, 10Z 20B/2"N55	502565-1	2	
7	SCREW, M8X25 DIN 913 A2-70 STAINLESS STEEL SET	F81014-3	4	
8	WASHER, 17 SPLIT LOCK ZINC	F81058-1	10	
9	WASHER, 17.5/60-6 ZINC-PLATED	098012-1	1	
10	WASHER, 16.3 SPLIT LOCK ZINC	F81058-2	10	
11	BOLT, M16X40-8.8 HEX HEAD FULL THREAD ZINC	F81006-13	9	
12	BAR, CHAIN GUIDE - MEDIUM	099376	2	
13	KEY, A12X8X50 PN-70/M85005/DIN6885 PARALLEL	506735	2	
14	WASHER, 6.4 FLAT ZINC	F81053-1	12	
15	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	12	
16	WASHER, 10.5 FLAT ZINC	F81055-1	12	
17	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	6	
18	BOLT, M10X35 8.8 HEX HEAD FULL THREAD ZINC	F81003-17	6	
19	SCREW, M16X60-8.8 HEX SOCKET HEAD CAP ZINC	F81006-19	1	

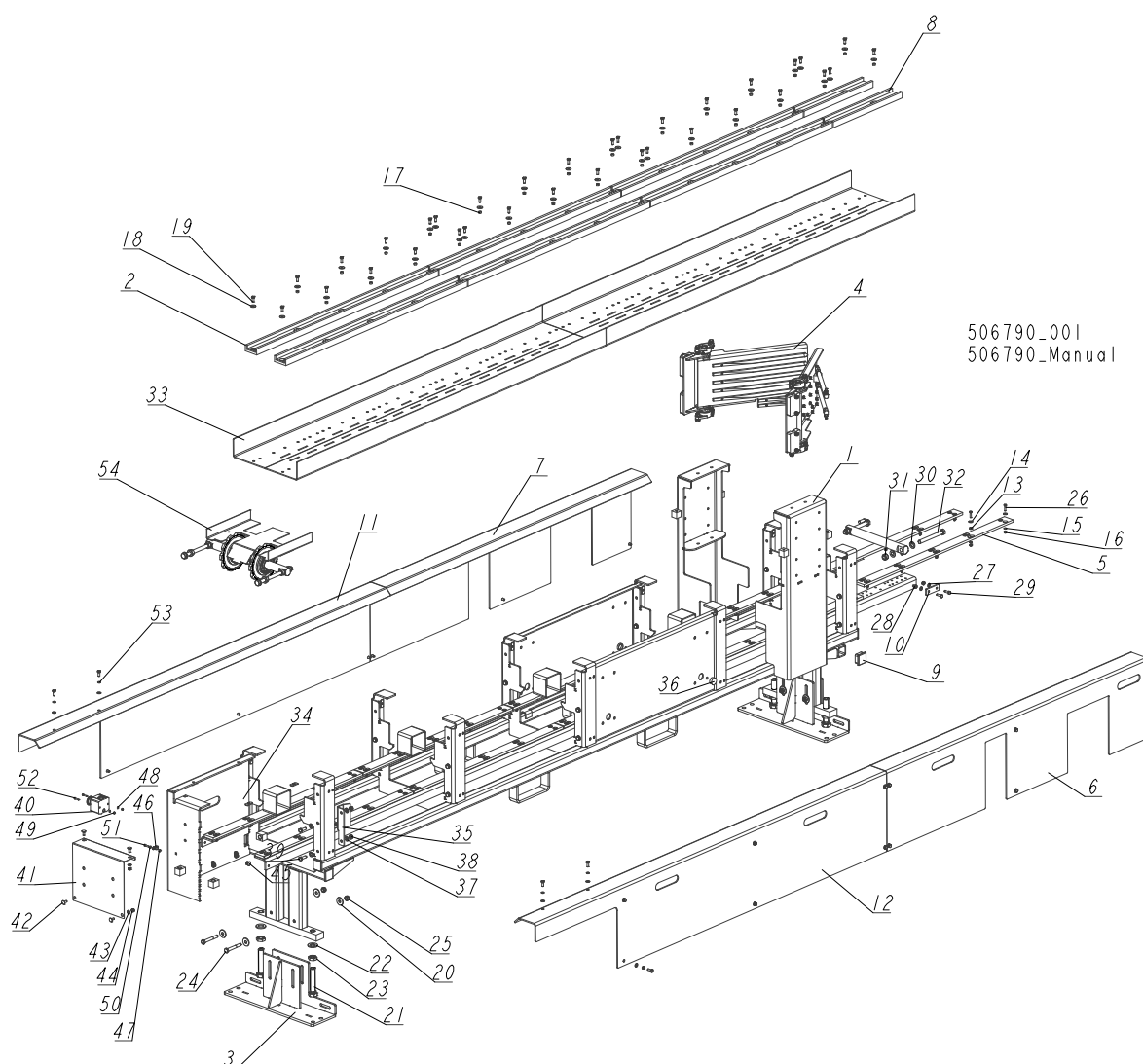
INFEED & OUTFEED TABLE

Feed Chain Drive Assembly

2

REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	MOTOREDUCER, SK93772.1ABDH-80LH/4 TF KKV EP W/BOX 3/II RAL9005 (NORD)	508660	1	
20	REDUCER, SK93772.1ABDH SYNT. RAL9005 (I=66.96, NORD)	514376	1	
21	MOTOR, 80LH/4 KKV EP RAL9005 (N=0.75 KW, N=1415 r.p.m., NORD)	514377	1	
22	BOLT, M16X90-8.8 HEX HEAD ZINC	F81006-17	1	
23	BUSHING, 6.2X10X5 ZINC-PLATED SPACER	503674-1	8	
24	WASHER, 6.5 SPECIAL FLAT ZINC	F81053-11	12	
25	BOLT, M6X25 5.8 HEX HEAD FULL THREAD ZINC	F81001-3	12	
	GUARD, CHAIN - COMPLETE	508667	1	
26	GUARD, CHAIN	508668-1	1	
27	WASHER, 8.4 FLAT ZINC	F81054-1	6	
28	GUARD, DRIVE SHAFT	508718-1	1	
29	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	6	
30	BOLT, M8X20 8.8 HEX HEAD FULL THREAD ZINC	F81002-4	6	
31	SWITCH, XALK 174 EMERGENCY STOP	E22703-P	1	
32	SCREW, M4X20 8.8 HEX SOCKET HEAD CAP ZINC	F81011-31	2	
33	WASHER, 4.3 FLAT ZINC	F81051-2	2	
34	NUT, M4-8 HEX NYLON ZINC LOCK	F81029-1	2	
35	CLIP, RSGU 1.10/12W1 RETAINING	086861	5	
36	WASHER, 5.3 FLAT ZINC	F81052-1	5	
37	NUT, M5-8-FE/ZN5 DIN985	F81030-2	5	
38	SCREW, M5X20 8.8 HEX SOCKET HEAD CAP ZINC	F81000-72	5	
	PLATE, COVER - COMPLETE	507327	1	
39	PLATE, COVER	507326	1	
40	BOLT, M8X20-8.8 CARRIAGE ZINC	F81002-11	4	
41	WASHER, 8.4 FLAT ZINC	F81054-1	4	
42	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	4	

2.3 Infeed Table



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	TABLE ASSEMBLY, INFEED	506790	1	
1	TABLE, INFEED	506792-1	1	
2	CHANNEL, 20B CHAIN GUIDE - LONG	506801	6	
3	FOOT WELDMENT, TVS TABLE	502750-1	2	
4	GUIDE, LOG SIDE - COMPLETE See Section 2.5	507283	1	
5	PAD, FEED TRACK PLASTIC	092080	10	
6	GUARD, RIGHT SIDE W/CUT-OUTS	507319-1	1	
7	GUARD, LEFT SIDE W/CUT-OUTS	507320-1	1	
8	CHANNEL, 20B CHAIN GUIDE - SHORT	507321	2	
9	CAP, 50X50 (3-5MM THICK) TUBE END (199274MOSS)	095371	8	
10	PLATE, ZINC-PLATED TABLE CONNECTION	507323-1	2	
11	GUARD, LEFT SIDE	507325-1	1	
12	GUARD, RIGHT SIDE	507324-1	1	

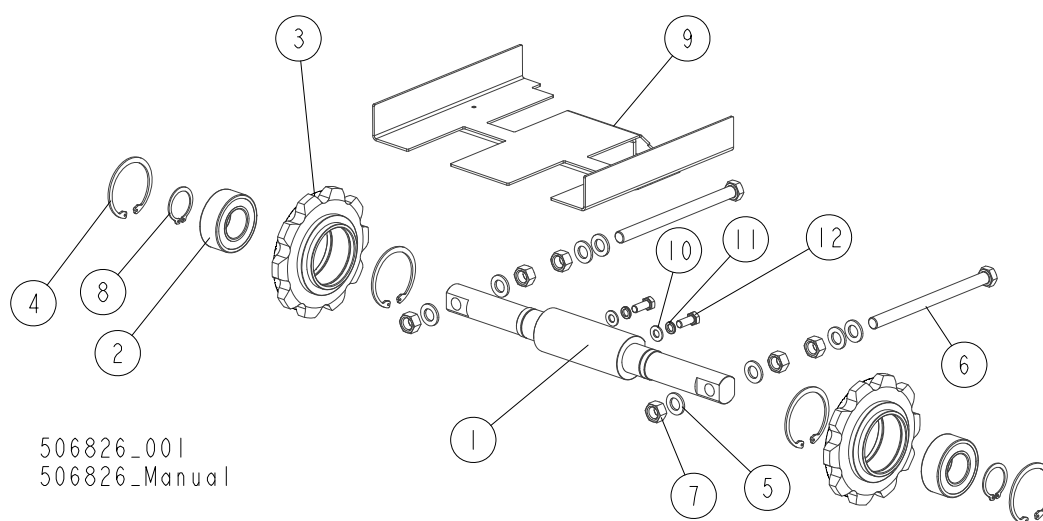
INFEED & OUTFEED TABLE

Infeed Table

2

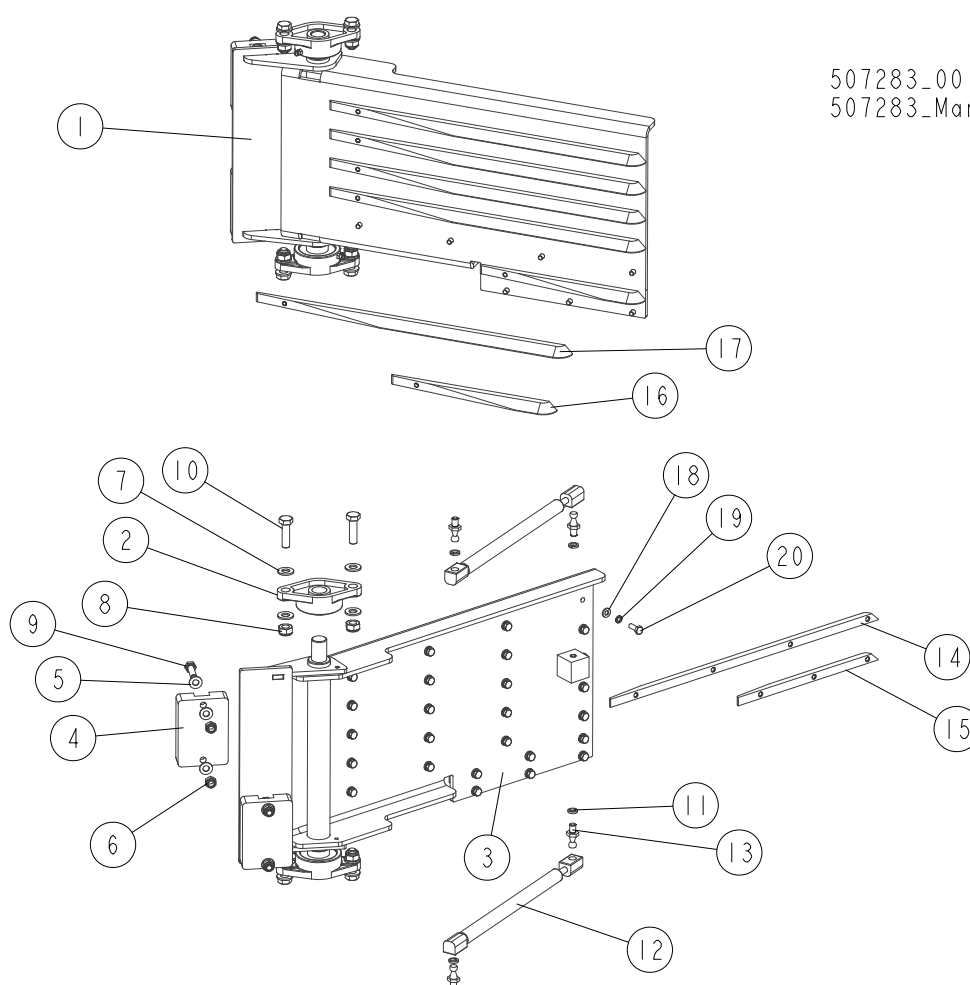
REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
13	BUSHING, 6.2x10x5 ZINC-PLATED SPACER	503674-1	80	
14	WASHER, 6.5 SPECIAL FLAT ZINC	F81053-11	100	
15	WASHER, 6.4 FLAT ZINC	F81053-1	100	
16	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	100	
17	BUSHING, 8.4/12.5-6 ZINC-PLATED	504040-1	26	
18	WASHER, ISO 7093-1-8-200 HV-A2E.	F81054-11	34	
19	BOLT, M8X20 5.8 HEX HEAD FULL THREAD ZINC	F81002-1	62	
20	WASHER, 13 SPECIAL FLAT ZINC	F81056-14	8	
21	BOLT, M24x120 8.8 HEX HEAD FULL THREAD ZINC	F81009-6	4	
22	WASHER, 25 FLAT ZINC	F81061-3	4	
23	NUT, M24-04-B HEX THIN ZINC	F81039-3	4	
24	BOLT, M12X90 8.8 HEX HEAD ZINC	F81004-2	4	
25	NUT, M12 8 HEX NYLON ZINC LOCK	F81034-2	4	
26	BOLT, M6X25 5.8 HEX HEAD FULL THREAD ZINC	F81001-3	100	
27	WASHER, 8.4 FLAT ZINC	F81054-1	32	
28	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	4	
29	BOLT, M8x25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	4	
30	WASHER, 17 SPLIT LOCK ZINC	F81058-1	4	
31	NUT, M16-8 HEX NYLON ZINC LOCK	F81036-2	2	
32	BOLT, M16X150 HEX HEAD ZINC	F81006-9	2	
33	GUARD, DRIVE CHAIN	508661-1	4	
34	BRACKET, LOWER CHAIN LEFT GUIDE	507364-1	5	
35	BRACKET, LOWER CHAIN RIGHT GUIDE	506804-1	5	
36	CAP, 30.1 mm #466861	501292	2	
37	WASHER, 10.5 FLAT ZINC	F81055-1	40	
38	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	20	
39	BOLT, M10x30 5.8 HEX HEAD FULL THREAD ZINC	F81003-2	20	
40	SWITCH, XALK 174 EMERGENCY STOP	E22703-P	1	
	PLATE, COVER - COMPLETE	507327	1	
41	PLATE, COVER	507326	1	
42	BOLT, M8x20-8.8 CARRIAGE ZINC	F81002-11	4	
43	WASHER, 8.4 FLAT ZINC	F81054-1	4	
44	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	4	
45	CAP, SR1086 15.9x6.4 (MOSS466856)	511829	1	
46	CLIP, RSGU 1.10/12W1 RETAINING	086861	5	
47	NUT, M5-8-FE/ZN5 DIN985	F81030-2	5	
48	WASHER, 4.3 FLAT ZINC	F81051-2	2	
49	NUT, M4-8 HEX NYLON ZINC LOCK	F81029-1	2	
50	WASHER, 5.3 FLAT ZINC	F81052-1	5	
51	SCREW, M5x20 8.8 HEX SOCKET HEAD CAP ZINC	F81000-72	5	
52	SCREW, M4X20 8.8 HEX SOCKET HEAD CAP ZINC	F81011-31	2	
53	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	28	
54	TENSIONER ASSEMBLY, CHAIN See Section 2.4	506826	1	

2.4 Chain Tensioner



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	TENSIONER ASSEMBLY, CHAIN	506826	1	
1	SHAFT, CHAIN TENSIONER SPROCKET - ZINC-PLATED	506827-1	1	
2	BEARING, 3208. 2RSR. TVH (FAG) ROLLING	088449	2	
3	SPROCKET, 10Z 20B/2"N80 FRONT	502566-1	2	
4	RING, W80 INSIDE RETAINING	F81090-25	4	
5	WASHER, 17 SPLIT LOCK ZINC	F81058-1	8	
6	BOLT, ISO4017-M16X220-8.8-A2E FULL THREAD	F81006-43	2	
7	NUT, M16-8 HEX ZINC	F81036-1	6	
8	RING, Z40 OUTSIDE RETAINING	F81090-33	2	
	GUARD ASSEMBLY, DRIVE CHAIN TENSIONER	508662	1	
9	GUARD, DRIVE CHAIN TENSIONER	508663-1	1	
10	WASHER, 10.5 FLAT ZINC	F81055-1	2	
11	WASHER, Z 10.2 SPLIT LOCK ZINC	F81055-2	2	
12	BOLT, M10X25 8.8 HEX HEAD FULL THREAD	F81003-31	2	

2.5 Log Side Guide

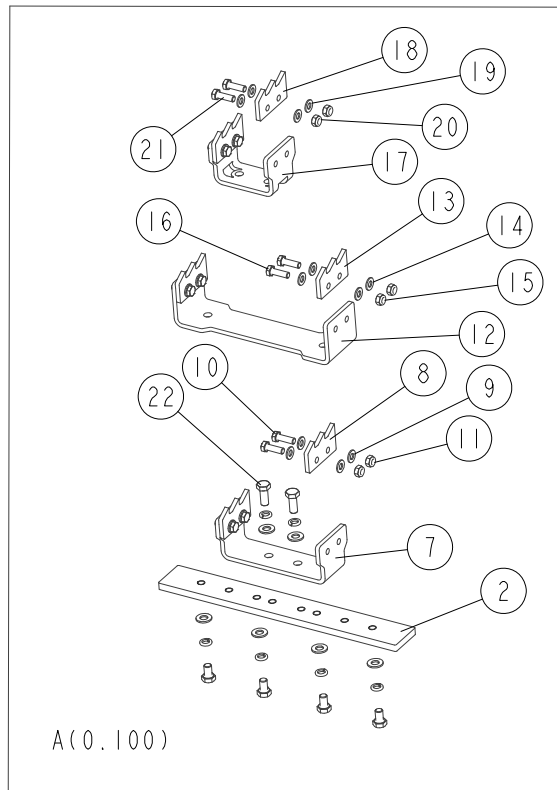


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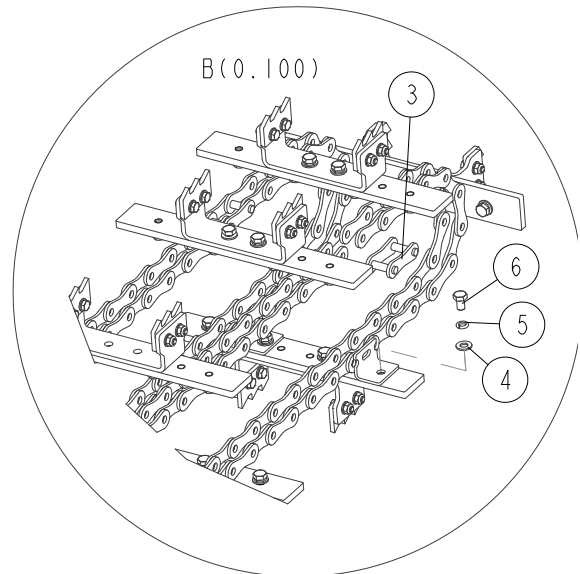
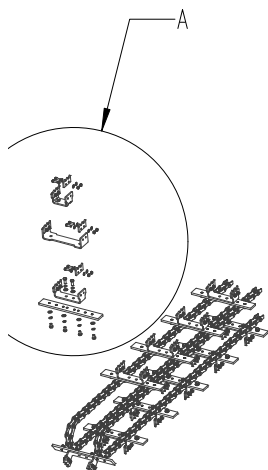
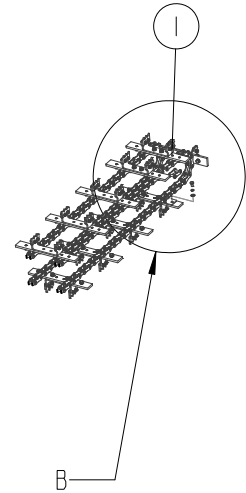
REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	GUIDE ASSEMBLY, LOG SIDE	507283	1	
1	PLATE, LEFT GUIDE	507284-1	1	
2	BEARING, UCFL 204 (CX)	500060	4	
3	PLATE, RIGHT GUIDE	507335-1	1	
4	BUMPER, GRENE 70 3201 0010 RUBBER	094969	4	
5	WASHER, 8.4 FLAT ZINC	F81054-1	16	
6	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	8	
7	WASHER, 10.5 FLAT ZINC	F81055-1	16	
8	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	8	
9	BOLT, M8X30 8.8 HEX HEAD FULL THREAD ZINC	F81002-7	8	
10	BOLT, M10X35 8.8 HEX HEAD FULL THREAD ZINC	F81003-17	8	
11	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	8	
	SPRING, 300N GAS - COMPLETE	089212	4	
12	SPRING, 300N GAS	089205	1	
13	BOLT, M8	089206	2	
14	RIB, GUIDE PLATE - LONG RIGHT ZINC-PLATED	508656-1	5	

REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
15	RIB, GUIDE PLATE - SHORT RIGHT ZINC-PLATED	508658-1	2	
16	RIB, GUIDE PLATE - SHORT LEFT ZINC-PLATED	508659-1	2	
17	RIB, GUIDE PLATE - LONG LEFT ZINC-PLATED	508657-1	5	
18	WASHER, 6.4 FLAT ZINC	F81053-1	52	
19	WASHER, Z 6.1 SPLIT LOCK ZINC	F81053-3	52	
20	BOLT, M6X16-8.8 HEX HEAD FULL THREAD ZINC	F81001-15	52	

2.6 Roller Attachment Chain w/Dogs



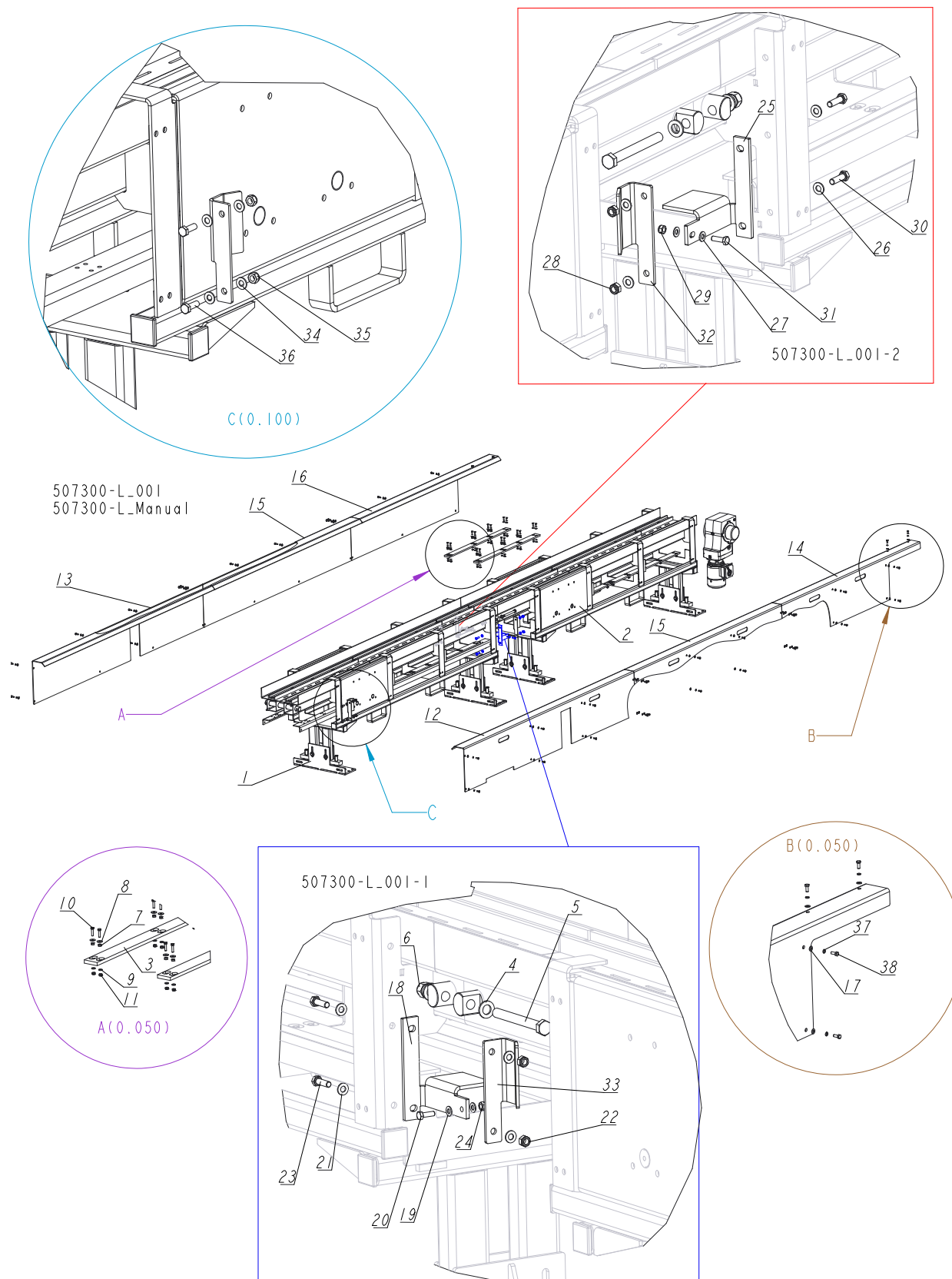
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REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	CHAIN ASSEMBLY, LONG ROLLER ATTACHEMENT W/DOGS	506800	1	
1	CHAIN, ROLLER W/ANGLE ATTACHEMENTS	506795-1	2	
2	PLATE, CHAIN DOG ZINC-PLATED MOUNT	506799-1	69	
3	LINK, 20B P=2" MASTER	502563	2	
4	WASHER, 10.5 FLAT ZINC	F81055-1	414	
5	WASHER, Z 10.2 SPLIT LOCK ZINC	F81055-2	414	
6	BOLT, M10X16-8.8 HEX HEAD FULL THREAD ZINC	F81003-13	276	
	CHAIN DOG W/ HARD TOOTHED PLATE - MEDIUM	508651	69	

REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
7	DOG, MEDIUM ZINC-PLATED	506802-1	1	
8	PLATE, TOOTHED	508652-1	2	
9	WASHER, 8.4 FLAT ZINC	F81054-1	8	
10	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	4	
11	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	4	
	CHAIN DOG W/ HARD TOOTHED PLATE - WIDE	508650	1	
12	DOG, WIDE ZINC-PLATED	506798-1	1	
13	PLATE, TOOTHED	508652-1	2	
14	WASHER, 8.4 FLAT ZINC	F81054-1	8	
15	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	4	
16	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	4	
	CHAIN DOG W/ HARD TOOTHED PLATE - NARROW	508653	1	
17	DOG, NARROW ZINC-PLATED	506803-1	1	
18	PLATE, TOOTHED	508652-1	2	
19	WASHER, 8.4 FLAT ZINC	F81054-1	8	
20	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	4	
21	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	4	
22	BOLT, M10X25 8.8 HEX HEAD FULL THREAD ZINC	F81003-11	138	

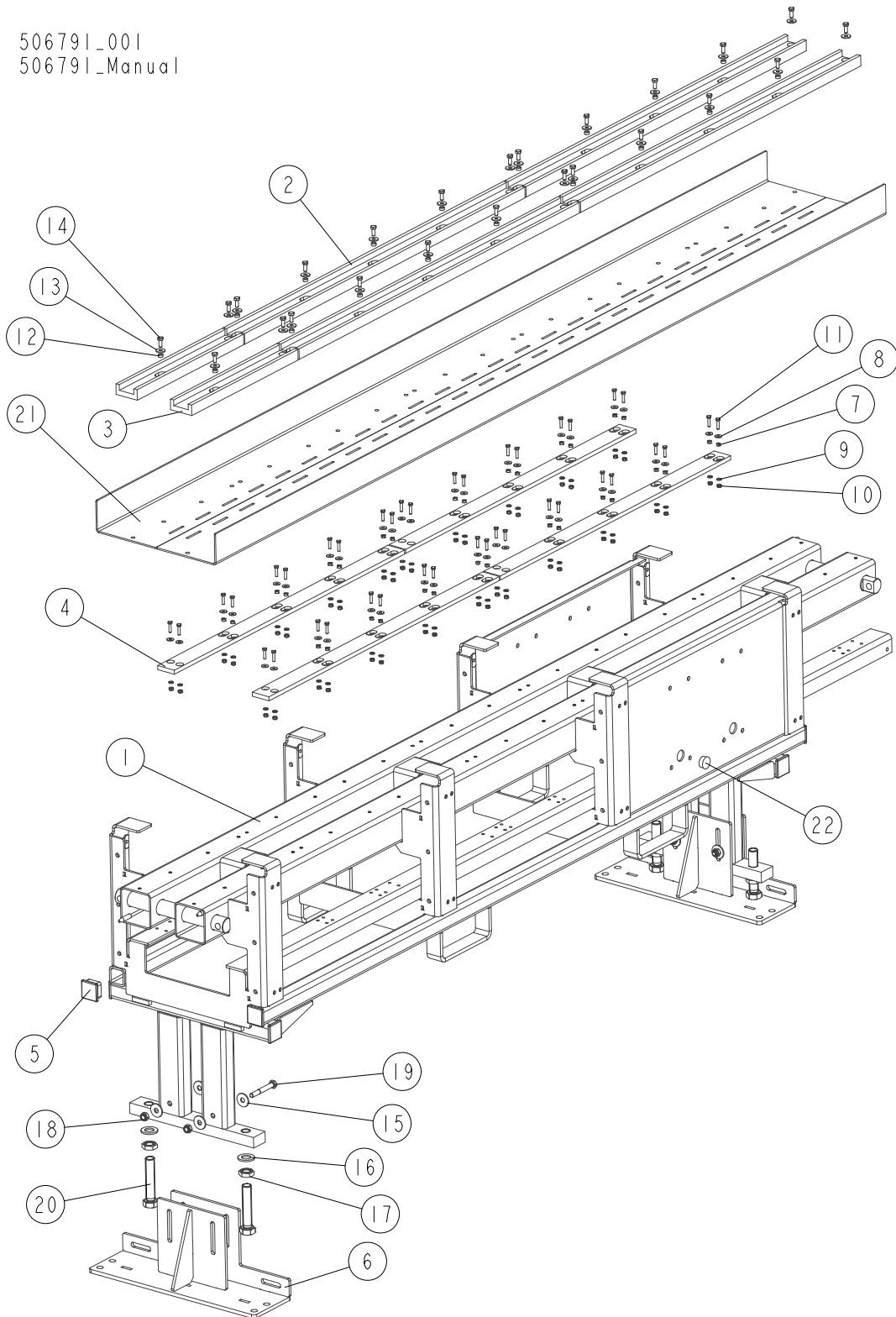
2.7 Infeed & Outfeed Table, 10718



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	TABLE ASSEMBLY, 10718 INFEED & OUTFEED	506789	1	
1	OUTFEED TABLE - MODULE 2900 - COMPLETE See Section 2.8	506791	1	
2	OUTFEED TABLE - MODULE 2900 - COMPLETE See Section 2.8	506791	1	
3	BAR, CHAIN MIDDLE GUIDE	507333	2	
4	WASHER, 17 SPLIT LOCK ZINC	F81058-1	4	
5	BOLT, M16X150 HEX HEAD ZINC	F81006-9	2	
6	NUT, M16-8 HEX NYLON ZINC LOCK	F81036-2	2	
7	BUSHING, 6.2x10x5 ZINC-PLATED SPACER	503674-1	12	
8	WASHER, 6.5 SPECIAL FLAT ZINC	F81053-11	16	
9	WASHER, 6.4 FLAT ZINC	F81053-1	16	
10	BOLT, M6X25 5.8 HEX HEAD FULL THREAD ZINC	F81001-3	16	
11	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	16	
12	GUARD, RIGHT SIDE	508689-1	1	
13	GUARD, LEFT SIDE	507318-1	1	
14	GUARD, RIGHT SIDE	507322-1	1	
15	GUARD, MIDDLE LEFT & RIGHT	507339-1	2	
16	GUARD, LEFT SIDE	507341-1	1	
17	WASHER, 8.4 FLAT ZINC	F81054-1	48	
	BRACKET, SUPPORT BAR RIGHT CONNECTION - COMPLETE	507343	1	
18	BRACKET, SUPPORT BAR RIGHT CONNECTION	507342-1	1	
19	WASHER, 8.4 FLAT ZINC	F81054-1	2	
20	BOLT, M8x25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	1	
21	WASHER, 10.5 FLAT ZINC	F81055-1	4	
22	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	2	
23	BOLT, M10X35 8.8 HEX HEAD FULL THREAD ZINC	F81003-17	2	
24	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	1	
	BRACKET, SUPPORT BAR LEFT CONNECTION - COMPLETE	507358	1	
25	BRACKET, SUPPORT BAR LEFT CONNECTION	507357-1	1	
26	WASHER, 10.5 FLAT ZINC	F81055-1	4	
27	WASHER, 8.4 FLAT ZINC	F81054-1	2	
28	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	2	
29	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	1	
30	BOLT, M10X35 8.8 HEX HEAD FULL THREAD ZINC	F81003-17	2	
31	BOLT, M8x25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	1	
32	BRACKET, LOWER CHAIN LEFT GUIDE	507364-1	7	
33	BRACKET, LOWER CHAIN RIGHT GUIDE	506804-1	7	
34	WASHER, 10.5 FLAT ZINC	F81055-1	48	
35	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	24	
36	BOLT, M10x30 5.8 HEX HEAD FULL THREAD ZINC	F81003-2	24	
37	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	48	
38	BOLT, M8X20 5.8 HEX HEAD FULL THREAD ZINC	F81002-1	49	

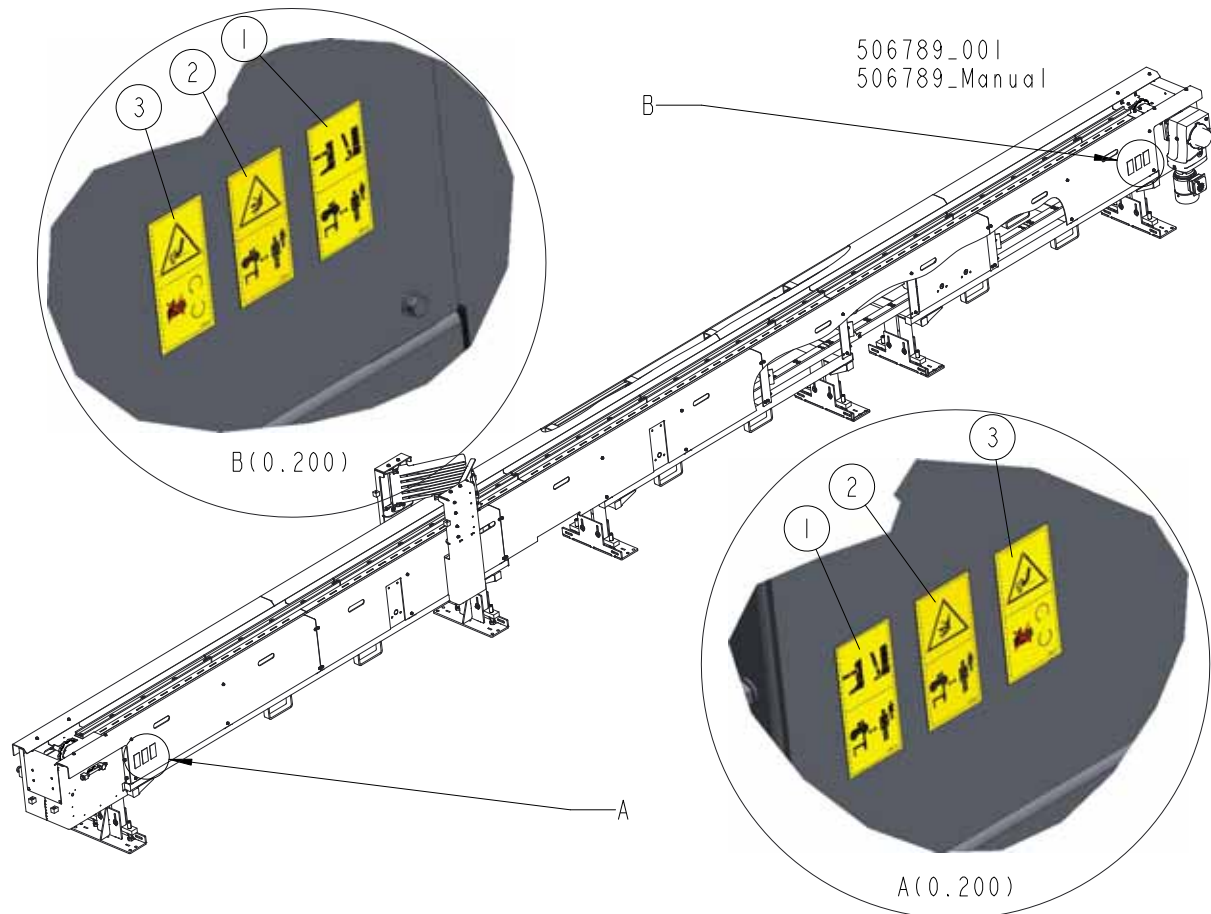
2.8 Outfeed Table - Module 2900

506791_001
506791_Manual



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	OUTFEED TABLE - MODULE 2900 - COMPLETE	506791	1	
1	TABLE, OUTFEED	506793-1	1	
2	CHANNEL, 20B CHAIN GUIDE - LONG	506801	4	
3	CHANNEL, 20B CHAIN GUIDE - SHORT	507321	2	
4	PAD, FEED TRACK PLASTIC	092080	4	
5	CAP, 50X50 (3-5MM THICK) TUBE END (199274MOSS)	095371	8	
6	FOOT WELDMENT, TVS TABLE	502750-1	2	
7	BUSHING, 6.2X10X5 ZINC-PLATED SPACER	503674-1	32	
8	WASHER, 6.5 SPECIAL FLAT ZINC	F81053-11	40	
9	WASHER, 6.4 FLAT ZINC	F81053-1	40	
10	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	40	
11	BOLT, M6X25 5.8 HEX HEAD FULL THREAD ZINC	F81001-3	40	
12	BUSHING, 8.4/12.5-6 ZINC-PLATED	504040-1	18	
13	WASHER, ISO 7093-1-8-200 HV-A2E	F81054-11	24	
14	BOLT, M8X20 5.8 HEX HEAD FULL THREAD ZINC	F81002-1	24	
15	WASHER, 13 SPECIAL FLAT ZINC	F81056-14	8	
16	WASHER, 25 FLAT ZINC	F81061-3	4	
17	NUT, M24-04-B HEX THIN ZINC	F81039-3	4	
18	NUT, M12 8 HEX NYLON ZINC LOCK	F81034-2	4	
19	BOLT, M12X90 8.8 HEX HEAD ZINC	F81004-2	4	
20	BOLT, M24X120 8.8 HEX HEAD FULL THREAD ZINC	F81009-6	4	
21	GUARD, DRIVE CHAIN (OUTFEED TABLE)	508666-1	2	
22	CAP, 30.1 MM # 466861	501292	4	

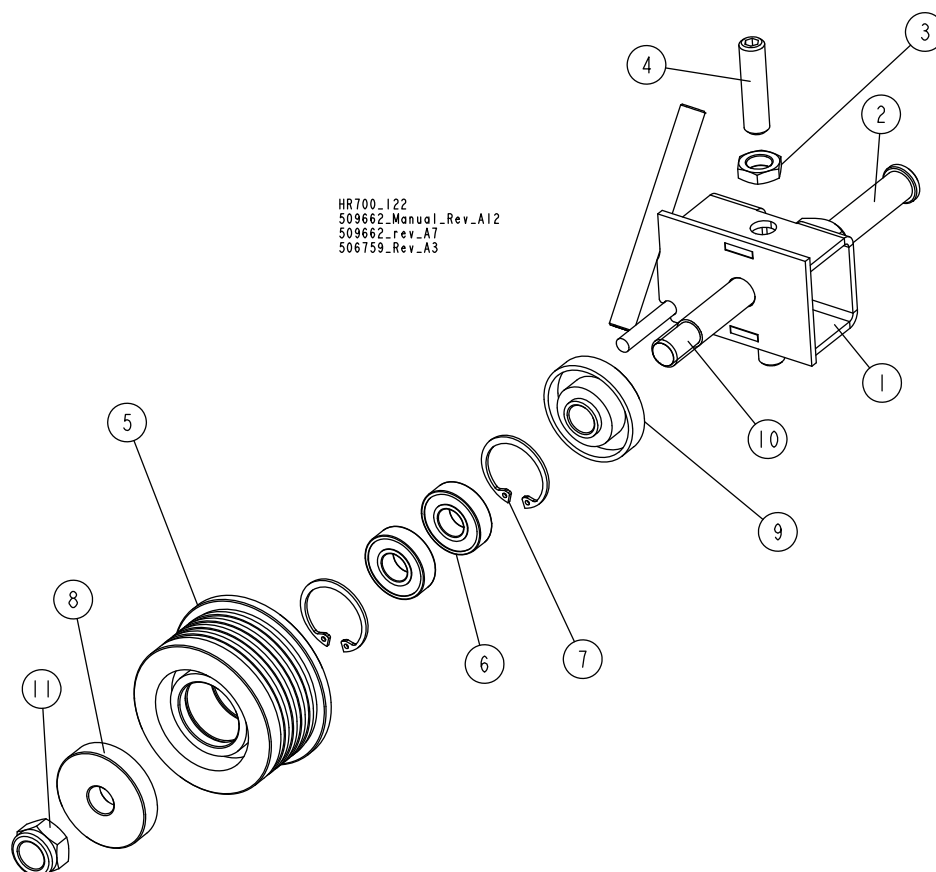
2.9 Infeed & Outfeed Table Decals



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	PICTOGRAPHIC DECAL KIT, INFEED & OUTFEED TABLE	521867	1	
1	DECAL, KEEP AWAY DANGER	096314	2	
2	DECAL, KEEP A SAFE DISTANCE	099221	2	
3	DECAL, GEAR DANGER	099540	2	

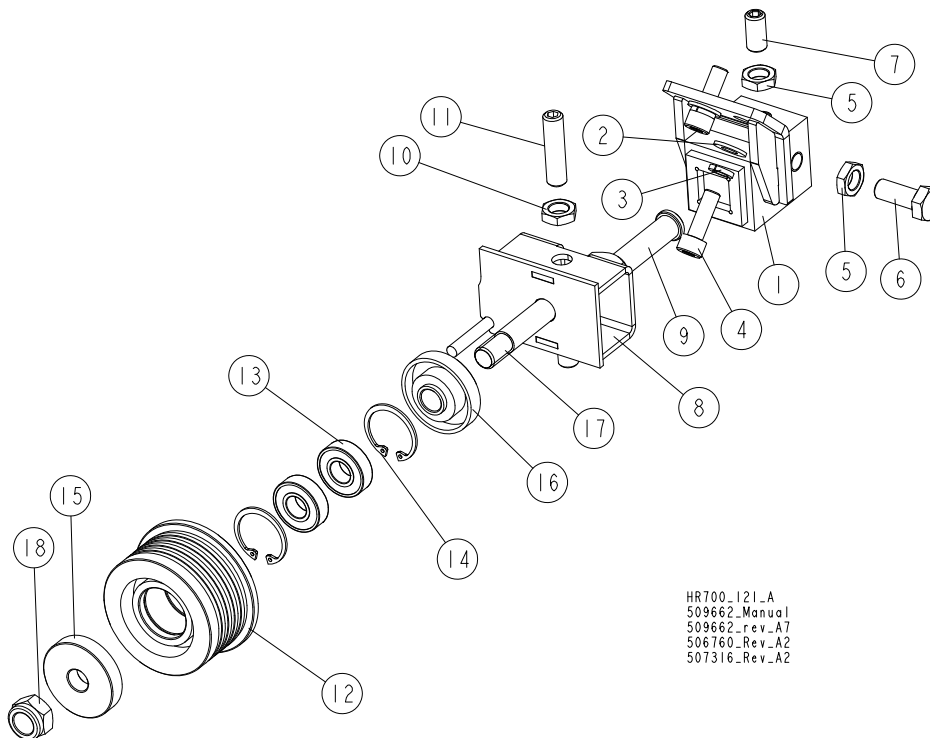
SECTION 3 SAW HEAD

3.1 Blade Guide Assembly, Idle Side



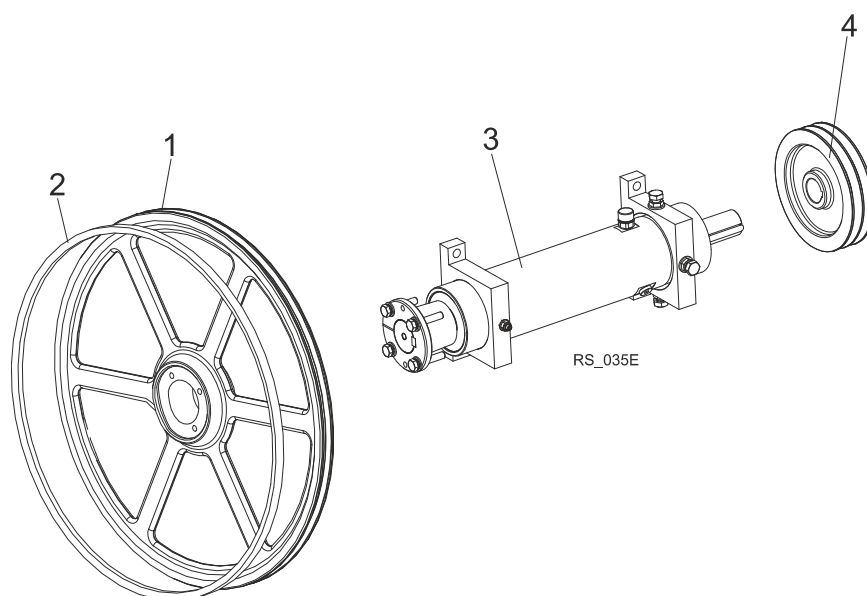
REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	BLADE GUIDE W/EXTENDED ROLLER - IDLE SIDE	506759	1	
1	BRACKET WELDMENT, IS BLADE GUIDE ZINC-PLATED	500497-1	1	
2	SHAFT, BLADE GUIDE MOUNT ZINC-PLATED	088255-1	1	
3	NUT, M10X1-04-ST-A2E ISO8675 THIN	F81033-10	2	
4	SCREW, M10X1X40 DIN913 A2-70 STAINLESS STEEL SET	F81015-2	2	
	ROLLER ASSEMBLY, BLADE GUIDE W/BEARINGS	500561	1	
5	ROLLER, EXTENDED BLADE GUIDE	500560	1	
6	BEARING, 6001 2RSR (FAG, SKF)	087893	2	
7	RING, W28 INSIDE RETAINING	F81090-9	2	
8	RING, ZINC-PLATED SPACER	087891-1	1	
9	RING, ZINC-PLATED SPACER (EXTENDED BLADE GUIDE ROLLER)	087892-1	1	
10	SHAFT, EXTENDED ROLLER ZINC-PLATED	087762-1	1	
11	NUT, M12-8 HEX NYLON ZINC LOCK	F81034-2	1	

3.2 Blade Guide Assembly, Drive Side



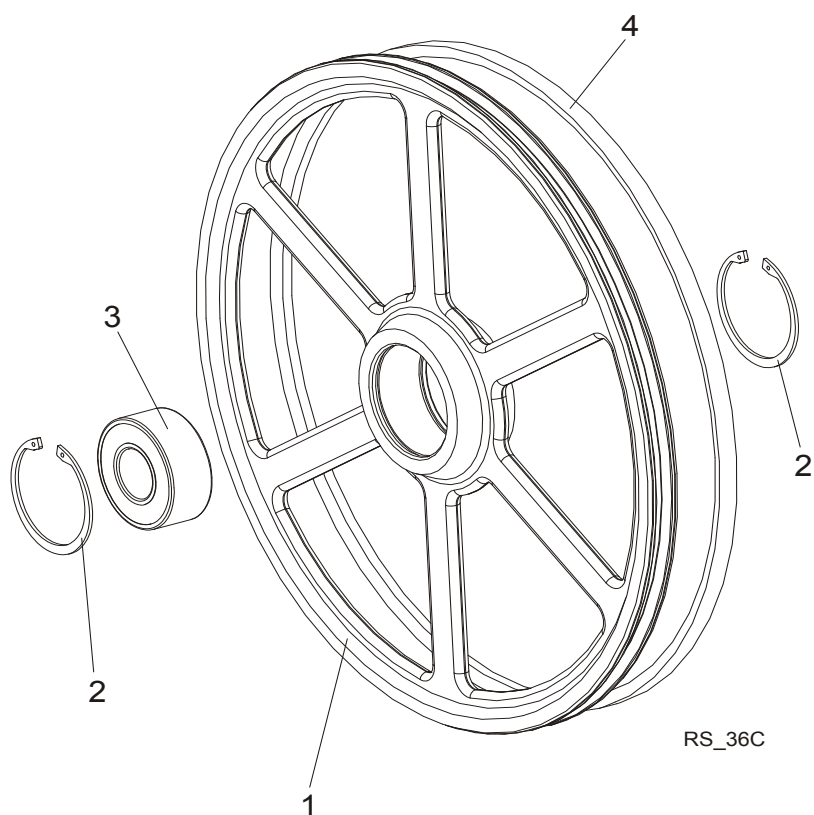
REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	BLOCK, BLADE GUIDE MOUNT - COMPLETE	507316	1	
1	BLOCK WELDMENT, BLADE GUIDE MOUNT	514887-1	1	
2	WASHER, 8.4 FLAT ZINC	F81054-1	2	
3	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	2	
4	SCREW, M8x25-8.8 HEX SOCKET HEAD CAP ZINC	F81002-21	2	
5	NUT, M10X1-04-ST-A2E ISO8675 THIN	F81033-10	4	
6	BOLT, M10X1X25 DIN 933 STAINLESS STEEL	F81003-28	1	
7	SCREW, M10X1X20 DIN 913 STAINLESS STEEL SET	F81015-1	3	
	BLADE GUIDE W/EXTENDED ROLLER - DRIVE SIDE	506760	1	
8	BRACKET WELDMENT, DRIVE SIDE BLADE GUIDE ROLLER	500498-1	1	
9	SHAFT, BLADE GUIDE MOUNT ZINC-PLATED	088255-1	1	
10	NUT, M10X1-04-ST-A2E ISO8675 THIN	F81033-10	2	
11	SCREW, M10X1X40 DIN913 A2-70 STAINLESS STEEL SET	F81015-2	2	
	ROLLER ASSEMBLY, BLADE GUIDE W/BEARINGS	500561	1	
12	ROLLER, EXTENDED BLADE GUIDE	500560	1	
13	BEARING, 6001 2RSR (FAG, SKF)	087893	2	
14	RING, W28 INSIDE RETAINING	F81090-9	2	
15	RING, ZINC-PLATED SPACER	087891-1	1	
16	RING, ZINC-PLATED SPACER (EXTENDED BLADE GUIDE ROLLER)	087892-1	1	
17	SHAFT, EXTENDED ROLLER ZINC-PLATED	087762-1	1	
18	NUT, M12 8 HEX NYLON ZINC LOCK	F81034-2	1	

3.3 Blade Wheel Assembly, Drive Side



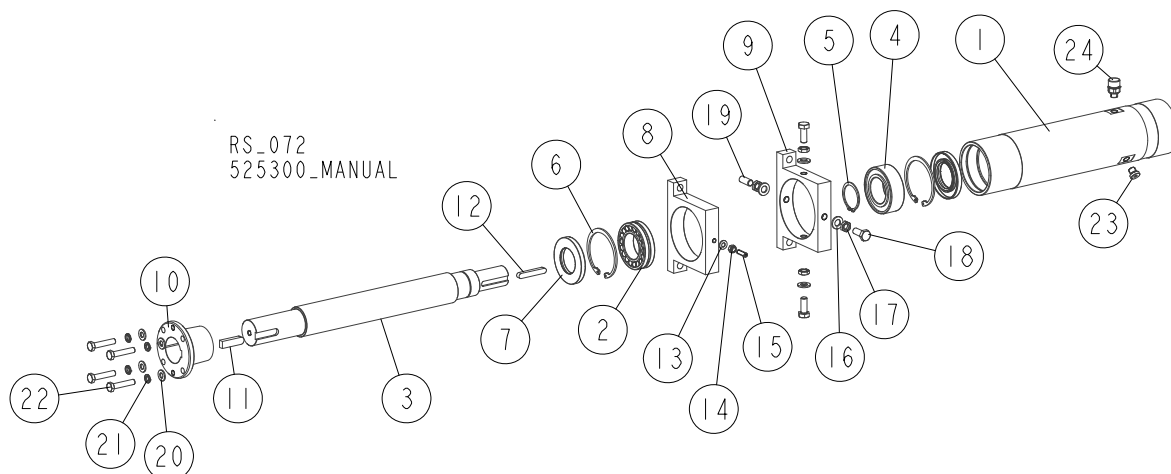
REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
1	WHEEL, DRIVE-SIDE RESAW BLADE	500100-1	1	
2	BELT, B72.5 "V"	017922-1	1	
3	SHAFT, RESAW PL HR500/HR700 DRIVE See Section 3.5	525300	1	
4	SHEAVE, SPB $\Phi 224 \times 2 / \Phi 38$ (F02312+T31124)	500177	1	
	SHEAVE, SPB $\Phi 190 \times 2 / \Phi 38$ (F02347+T31124)	500569	1	

3.4 Idle-Side Blade Wheel



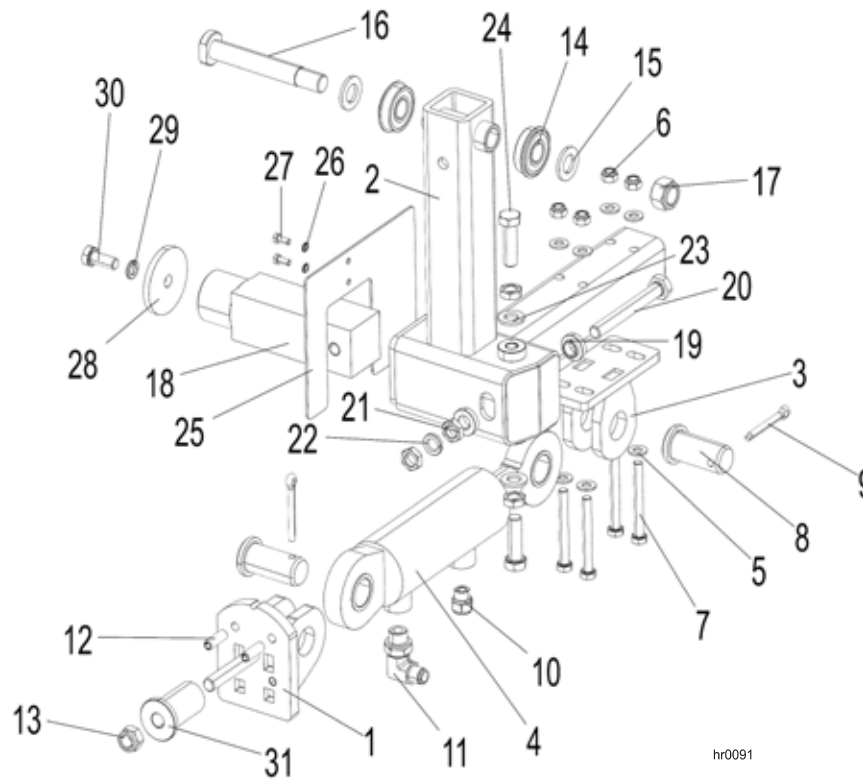
REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	IDLE-SIDE BLADE WHEEL - COMPLETE	088764	1	
1	Wheel, Idle-Side Blade	090810	1	
2	Ring, W100 Inside Retaining	F81090-10	2	
3	Bearing, 3309B.2RSR.TVH FAG	086428	1	
4	V-BELT, B72.5	017922-1	1	

3.5 Drive Shaft, HR500/HR700



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
-	SHAFT, HR500/HR700 RESAW DRIVE	525300	1	
1	BUSHING, DRIVE SHAFT ZINC-PLATED	525301-1	1	
2	BEARING, 22210 E1 50X90X23 SPHERICAL ROLLER	520509	1	
3	SHAFT, HR500/HR700 RESAW PL DRIVE	525302	1	
4	BEARING, 3210A (SKF, FAG) ANGULAR CONTACT BALL	525280	1	
5	RING, Z50 OUTSIDE RETAINING	F81090-28	1	
6	RING, W90 INSIDE RETAINING	F81090-29	2	
7	RING, AO50X90X10 SEALING	525279	2	
8	BRACKET, DRIVE SHAFT ADJUSTMENT ZINC-PLATED	093255-1	1	
9	BRACKET, DRIVE SHAFT BUSHING MOUNT ZINC-PLATED	094535-1	1	
10	BUSHING, N50X109X70 SPLIT TAPER	521125	1	
11	KEY, AB 14X9X50 PARALLEL	093266	1	
12	KEY, A10X8X63 PARALLEL	088130	1	
13	WASHER, 8.4 FLAT ZINC	F81054-1	1	
14	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	1	
15	SCREW, M8X25 DIN 913 A2-70 STAINLESS STEEL SET	F81014-3	1	
16	WASHER, 13 FLAT ZINC	F81056-1	4	
17	NUT, M12X1.25 DIN 439 A2-70 STAINLESS STEEL THIN	F81034-9	4	
18	BOLT, M12X1.25X30 DIN933 A2-70 STAINLESS STEEL	F81004-44	3	
19	SCREW, M12X1.25X30 DIN913 A2-70 SET	F81016-1	1	
20	WASHER, 10.5 FLAT ZINC	F81055-1	4	
21	WASHER, Z 10.2 SPLIT LOCK ZINC	F81055-2	4	
22	BOLT, M10X50-8.8 HEX HEAD FULL THREAD ZINC	F81003-4	4	
23	PLUG, GN 749-G1/4-A (ELESA+GANTER) THREADED	525282	1	
24	PLUG, GN 882-G1/4-MS-M (ELESA+GANTER) BREATHER	525281	1	

3.6 Hydraulic Blade Tensioner

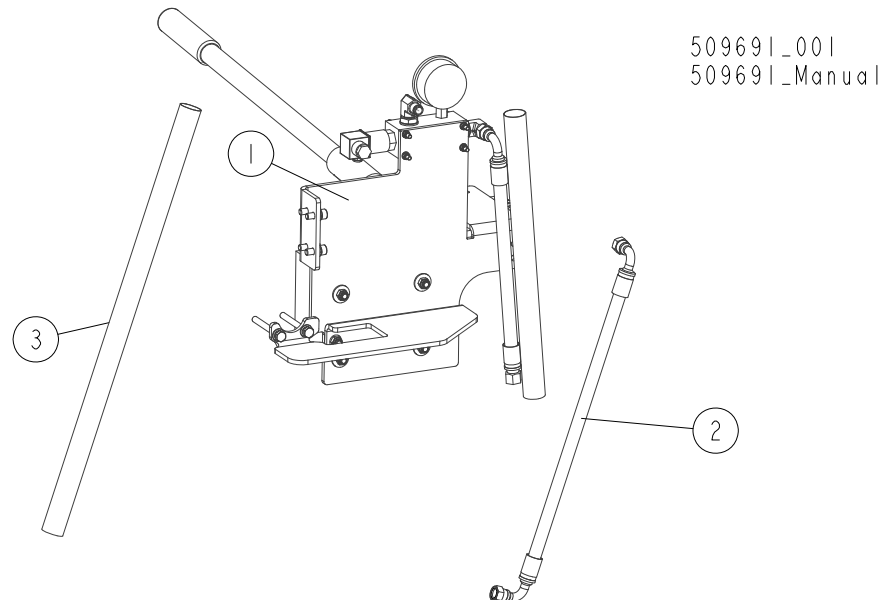


hr0091

REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	HR/SHS HYDRAULIC BLADE TENSIONER - COMPLETE	506750	1	
1	BRACKET, PISTON CYLINDER MOUNT	506751-1	1	
2	ARM WELDMENT, TVS IDLE BLADE WHEEL (RIGHT-SIDE SAW HEAD)	504817-1	1	
3	BRACKET, PISTON CYLINDER UPPER MOUNT	504819-1	1	
4	CYLINDER, SJ2F-16-50/28/70 PISTON	504812	1	
5	WASHER, 8.4 FLAT ZINC	F81054-1	8	
6	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	4	
7	BOLT, M8x70-8.8 HEX HEAD ZINC	F81002-71	4	
8	PIN	504824-1	2	
9	PIN, S-Zn-6.3x45 COTTER	F81045-2	2	
10	SILENCER, TYPE 2901-14-17	090794	1	
11	FITTING, 90° - 3/8 BSP - 9/16 JIC ELBOW	096335	1	
12	PIN, 8x26 ZINC ROLL	F81046-4	2	
13	NUT, M12 8 HEX NYLON ZINC LOCK	F81034-2	1	
14	BEARING, 6203-2RS NR. W/SNAP RING	086395	2	
15	WASHER, 17 SPLIT LOCK ZINC	F81058-1	2	
16	BOLT, ARM BEARING MOUNT	086404	1	
17	NUT, M16-8 HEX NYLON ZINC LOCK	F81036-2	1	
18	SHAFT, IDLE-SIDE BLADE WHEEL	088474	1	
19	WASHER, FLANGED ZINC-PLATED	086769-1	2	
20	BOLT, M12x1.25x100-8.8 HEX HEAD FULL THREAD ZINC	F81004-41	1	
21	NUT, M12X1.25-8 THIN ZINC	F81034-5	4	

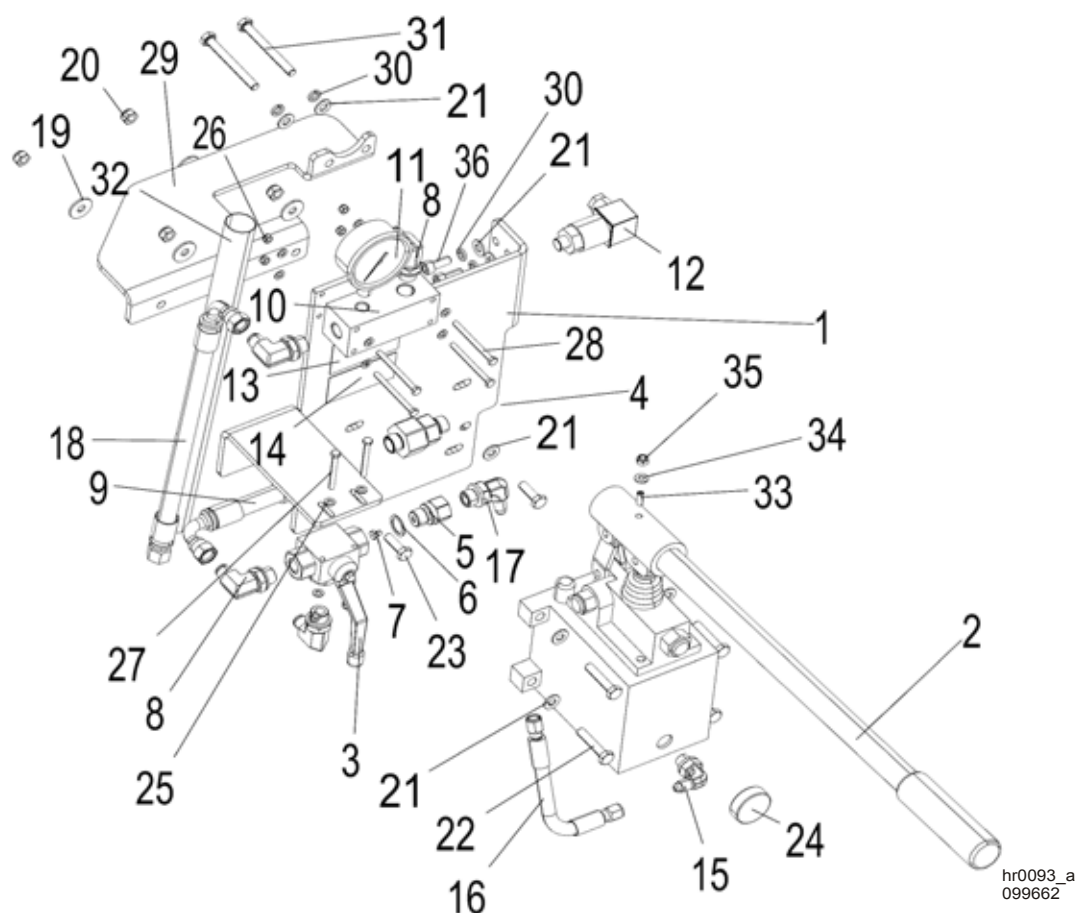
22	WASHER, Z12.2 SPLIT LOCK ZINC	F81056-2	1	
23	WASHER, 13 FLAT ZINC	F81056-1	2	
24	BOLT, M12x1.25x40-8.8 HEX HEAD FULL THREAD ZINC	F81004-42	2	
25	GUARD, IDLE BLADE WHEEL ARM	088442-1	1	
26	WASHER, 5.1 SPLIT LOCK	F81052-2	2	
27	BOLT, M5X12 5.8 HEX HEAD FULL THREAD ZINC	F81000-5	2	
28	WASHER, IDLE BLADE WHEEL RETAINING	088957-1	1	
29	WASHER, Z 10.2 SPLIT LOCK ZINC	F81055-2	1	
30	BOLT, M10X25 8.8 HEX HEAD FULL THREAD	F81003-31	1	
31	BUSHING, 28.5 TO 13 ZINC-PLATED REDUCER	508708-1	1	

3.7 Blade Tension Assembly



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY
	BLADE TENSION ASSEMBLY FOR SHS, HR500,700-1	509691	1
1	HYDRAULIC PUMP ASSEMBLY, SHS/HR500/HR700 See Section 3.8	506733	1
2	HOSE, 2T3/8X0.43 90W9/16UNF-90W9/16UNF HYDRAULIC	506737	1
3	GUARD, OBLIQUE HOSE	508714	1

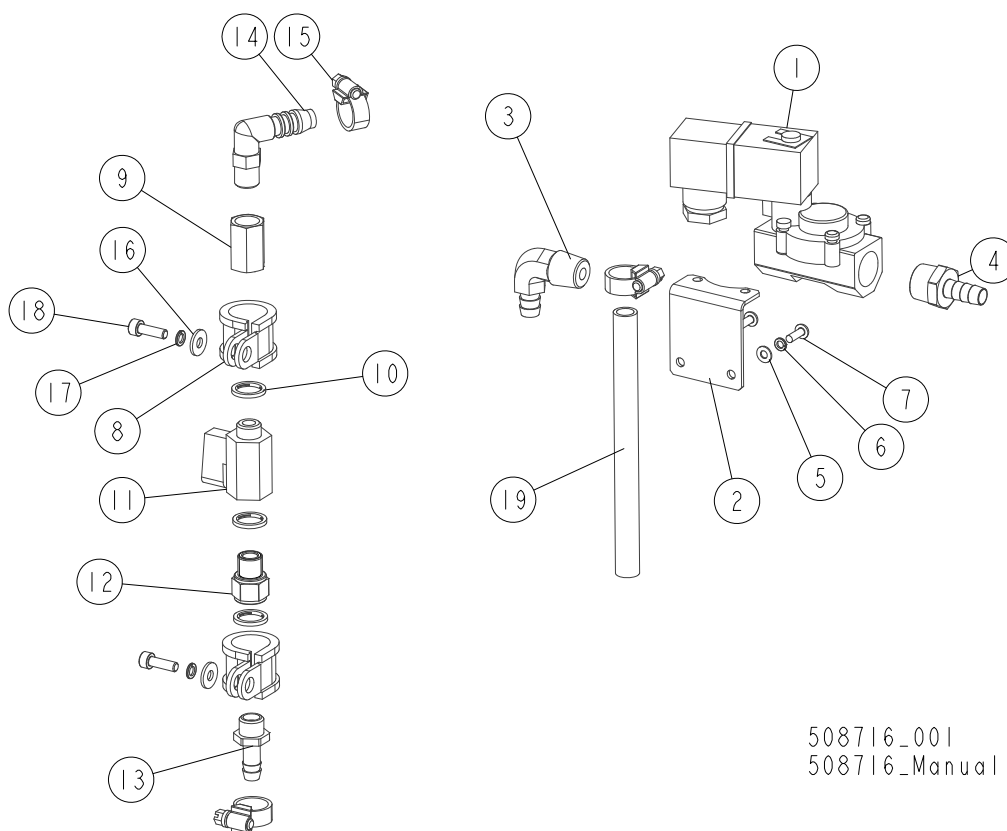
3.8 Hydraulic Pump Assembly



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	HYDRAULIC PUMP ASSEMBLY, SHS/HR500/HR700	506733	1	
1	PLATE, MOUNTING	506734-1	1	
2	PUMP, PMS12/TNK1 W/1-LITER TANK	092789	1	
3	VALVE, RSAP3 VO2L G3/8" 3-WAY BALL	504803	1	
4	VALVE, RHV12LREDA3C (HVR NW10MLED) CHECK	094559	1	
	FITTING, G 3/8 W/NOZZLE	096849	1	
5	FITTING, G3/8 ZINC-PLATED SPECIAL	096850-1	1	
6	WASHER, 16 COPPER	F81058-3	1	
7	NOZZLE, D092-O 1MM DIA. PROPANE&BUTANE	091007	1	
8	FITTING, 90° - 3/8 BSP - 9/16 JIC ELBOW	096335	4	
9	HYDRAULIC HOSE, 3/8" W/DKJ 90 DN10 9/16 UNF/DKOL DN10 M18x1.5 END FITTINGS	504831	1	
10	BLOCK, MOUNTING	504829-1	1	
11	GAUGE, 200 BAR (3000PSI) PRESSURE	505176	1	
12	SWITCH, F4-T-1-M3-16 BAR PRESSURE	504830	1	
13	DECAL, PRESSURE VALUE SETTING	505348	1	
14	DECAL, TVS BLADE TENSIONER HANDLE POSITION	505346	1	
15	FITTING, CA-204410-3 (W90HROKO4HJ) G1/4-JIC37.7/16-20 ELBOW	094562	1	
16	HOSE, 1/4 (0.19m) HYDRAULIC	505174	1	

17	FITTING, CA-204411-3 (W90HROKO6HJ04) G3/8-JIC37.7/16-20 ELBOW	094563	1	
18	HOSE, PHD 2T3/8x0.27 90W9/16UNF-W9/16UNF HYDRAULIC	506736	1	
19	WASHER, ISO 7093-1-8-200 HV-A2E.	F81054-11	4	
20	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	6	
21	WASHER, 8.4 FLAT ZINC	F81054-1	14	
22	BOLT, M8X40-8.8 HEX HEAD FULL THREAD ZINC	F81002-15	4	
23	BOLT, M8x25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	2	
24	MAGNET, MW 38x12/N38 NEODYMIUM	500022	1	
25	WASHER, 5.3 FLAT ZINC	F81052-1	12	
26	NUT, M5-8-FE/ZN5 DIN985	F81030-2	6	
27	BOLT, M5x45 DIN933-A2-70 STAINLESS STEEL	F81000-22	2	
28	BOLT, M5X60 8.8 HEX HEAD ZINC	F81000-36	4	
29	BRACKET, SUPPORT	506732-1	1	
30	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	6	
31	BOLT, M8x75-8.8 HEX HEAD ZINC	F81002-91	2	
32	GUARD, VERTICAL HOSE	508713	1	
33	LATCH, GN 615.3-M6-KN BALL THREADED	096874	1	
34	WASHER, 6.4 FLAT ZINC	F81053-1	1	
35	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	1	
36	SCREW, M8x20-8.8 HEX SOCKET HEAD CAP ZINC	F81002-30	4	

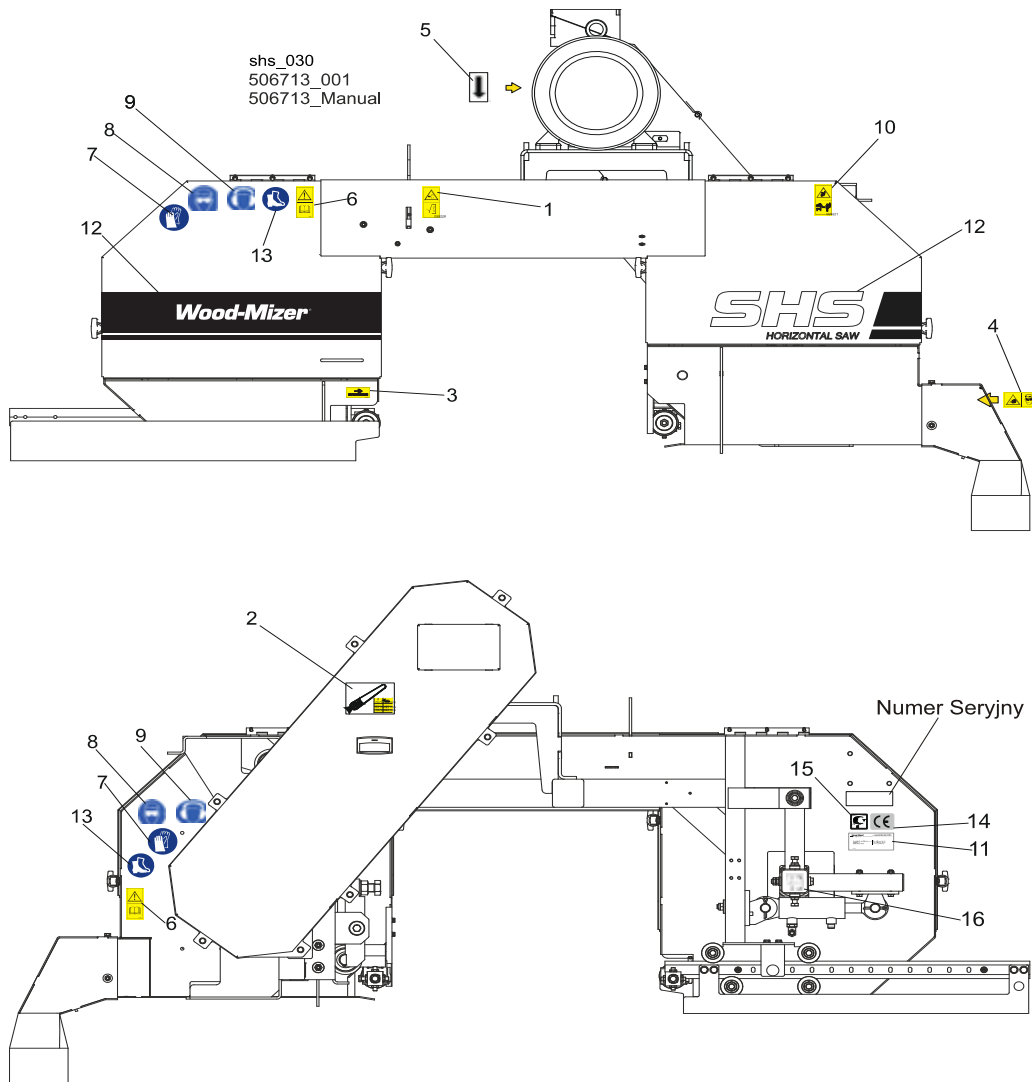
3.9 Blade Lube Assembly



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508716_Manual

REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	BLADE LUBE ASSEMBLY, SHS	508716	1	
	SOLENOID VALVE, BLADE LUBE SYSTEM - COMPLETE	509702	1	
1	VALVE, ASCO SCE238A002 24VDC SOLENOID	510270	1	
2	BRACKET, SOLENOID VALVE ZINC-PLATED	092870-1	1	
3	FITTING, 1/2NPT-3/8 BARB ELBOW	P12707	1	
4	FITTING, 1/2" HOSE END	092356	1	
5	WASHER, 4.3 FLAT ZINC	F81051-2	2	
6	WASHER, Z 4.1 SPLIT LOCK ZINC	F81051-1	2	
7	SCREW, M4X12-5.8-B CROSS RECESSED PAN HEAD ZINC	F81011-43	2	
8	CLIP, RSGU 1.20/20 W1 RETAINING	F81087-2	2	
9	SLEEVE, G1/4W/G1/4W 893-302-000-4 (REXROTH)	090808	1	
10	SEAL, G1/4 866-014-000-0 (REXROTH)	090809	3	
11	VALVE, FP60.KIT 28 G1/4	088380	1	
12	ADAPTER, 2521 1/4-1/4 (CAMOZZI)	097704	1	
13	BUSHING, GT13/09 NR 13539 (RECTUS)	092783	1	
14	FITTING, WES 10/R 1/4 ELBOW	088379	1	
15	CLAMP, 12-20MM DIA.	F81080-3	3	
16	WASHER, 5.5 SPECIAL FLAT ZINC	F81052-3	2	
17	WASHER, 5.1 SPLIT LOCK ZINC	F81052-2	2	
18	SCREW, M5X16-8.8 HEX SOCKET HEAD CAP ZINC	F81000-25	2	
19	HOSE, WATER	508717	1	

3.10 SHS Saw Head Warning Decals

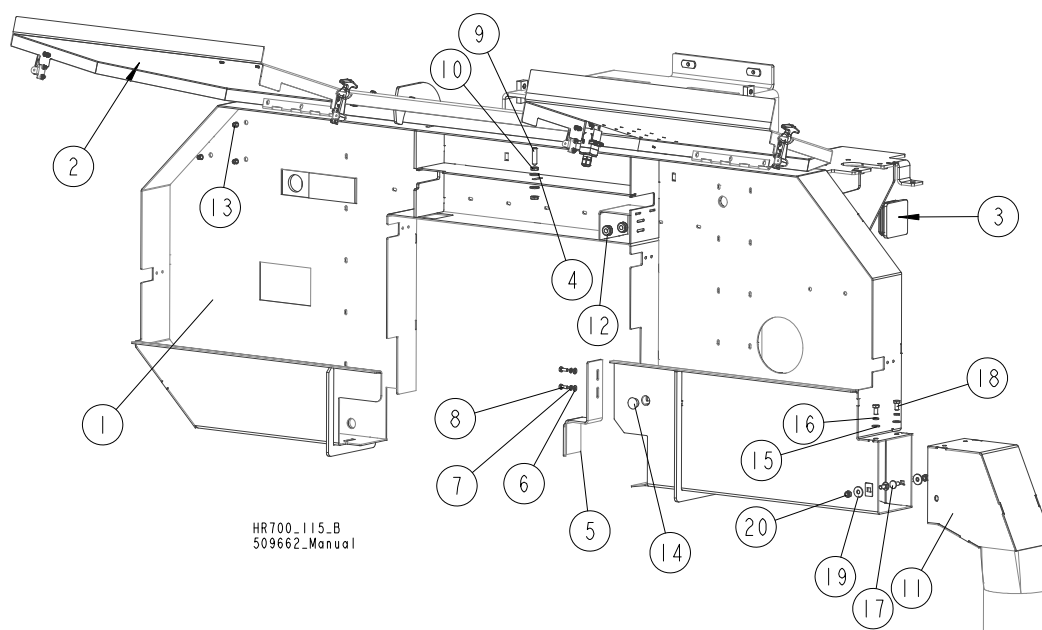


REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	DECAL KIT, SHS SAW HEAD	521826	1	
1	DECAL "CLOSE ALL GUARDS AND COVERS BEFORE STARTING THE MACHINE"	099220	1	
2	DECAL, DRIVE-SIDE WHEEL DIAMETER, LINEAR BLADE SPEED	509025	1	
3	DECAL, BLADE MOVEMENT DIRECTION (PICTOGRAM)	096321	1	
4	DECAL, SAWDUST CHUTE WARNING (PICTOGRAM)	099222	1	
5	DECAL, MOTOR REVOLUTIONS DIRECTION	S20097	1	
6	DECAL, READ THE OPERATOR'S MANUAL (PICTOGRAM)	096317	2	
7	DECAL, WEAR SAFETY GLOVES (PICTOGRAM)	512107	2	
8	DECAL, EYE WARNING (PICTOGRAM)	S12004G	2	
9	DECAL, EAR WARNING (PICTOGRAM)	S12005G	2	
10	DECAL, KEEP A SAFE DISTANCE AWAY (PICTOGRAM)	099221	1	
11	DECAL, EUROPEAN HEADQUARTERS ADDRESS	015841	1	
12	DECAL KIT, SHS LOGO	521827	1	
13	DECAL, USE SAFETY BOOTS (PICTOGRAM)	501465	2	

3**SAW HEAD***SHS Saw Head Warning Decals*

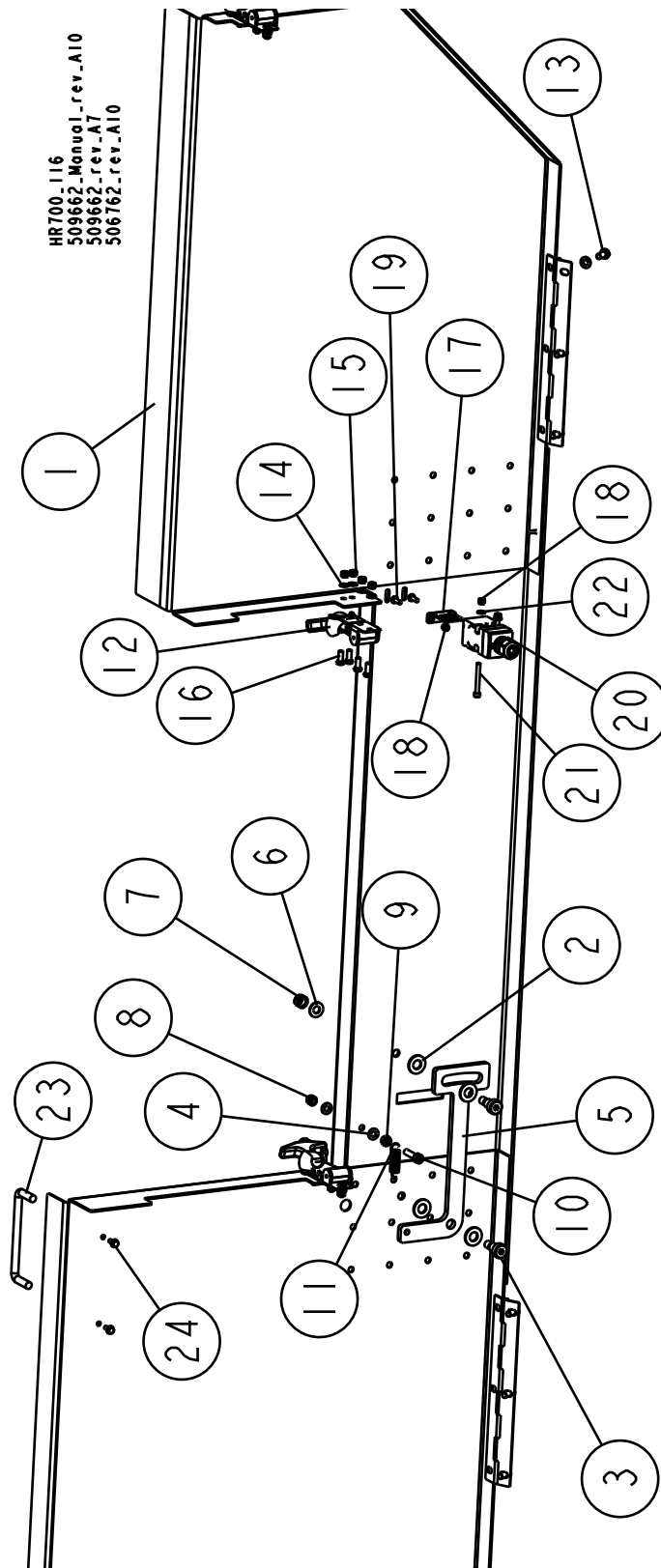
14	DECAL, CE CERTIFIED MACHINE (SMALL)	P85070	1	
15	DECAL, RUSSIAN SAFETY CERTIFICATION	099401	1	
16	DECAL, BLADE ALIGNMENT	P11789	1	

3.11 Saw Head



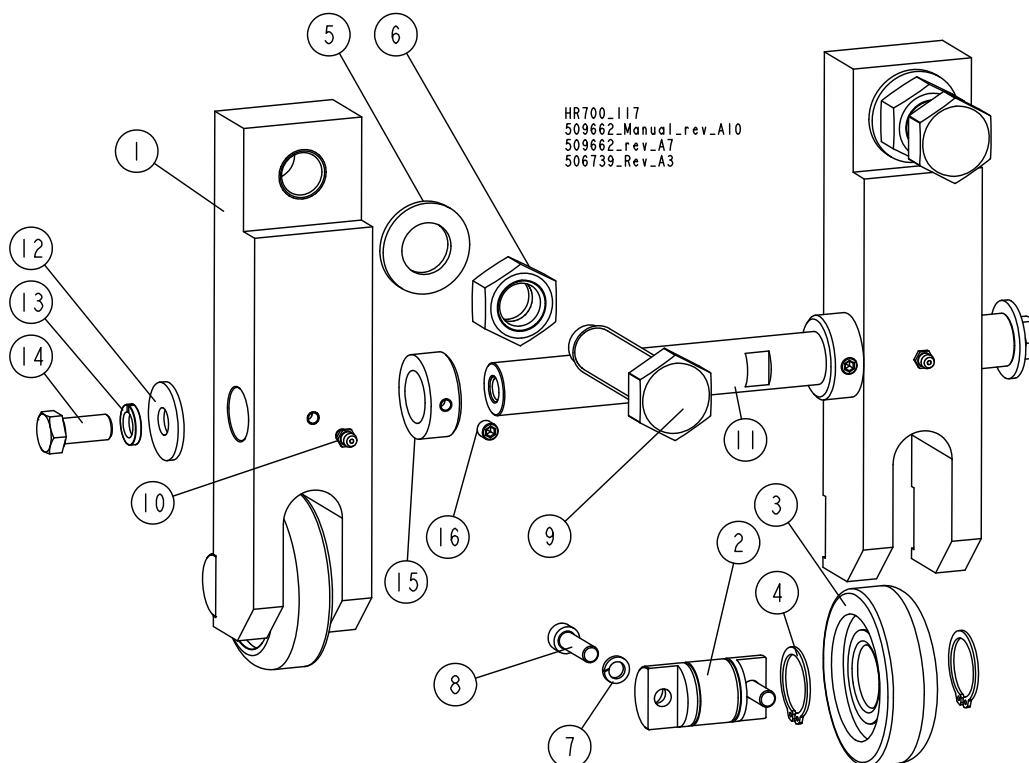
REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
1	SAW HEAD, SHS/HR700	506714-1	1	
2	COVER, SHS/HR700 FRONT - COMPLETE See Section 3.12	506762	1	
3	CAP, 80X80 GR 2-4 #111227 TUBE END	089644	4	
4	WASHER, 6.4 FLAT ZINC	F81053-1	2	
5	GUARD, BLADE GUIDE ROLLER	516925-1	1	
6	WASHER, Z 6.1 SPLIT LOCK	F81053-3	2	
7	WASHER, 10.5 FLAT ZINC	F81055-1	2	
8	BOLT, M6X16-8.8 HEX HEAD FULL THREAD ZINC	F81001-15	2	
9	SCREW, M10X40-45H HEX SOCKET SET CONE POINT ZINC	F81003-61	1	
10	NUT, M10-04-A THIN ZINC	F81033-6	2	
11	CHUTE, RESAW SAWDUST	094059-1	1	
12	GROMMET, 30X42X8 RUBBER	509717	2	
13	GROMMET, 3/8" ID RUBBER	025248	2	
14	PLUG, SR1086-9.5 #46009 (MOSS) BLANKING	096846	3	
15	PLUG, SR1086 22.2 HOLE	093544	1	
16	WASHER, 8.4 FLAT ZINC	F81054-1	2	
17	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	2	
18	BOLT, M8x20-8.8 CARRIAGE ZINC	F81002-11	2	
19	BOLT, M8x16 -8.8-B HEX HEAD FULL THREAD ZINC	F81002-20	2	
20	WASHER, 8.5 SPECIAL FLAT ZINC	F81054-11	2	
21	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	2	

3.12 Front Saw Head Cover



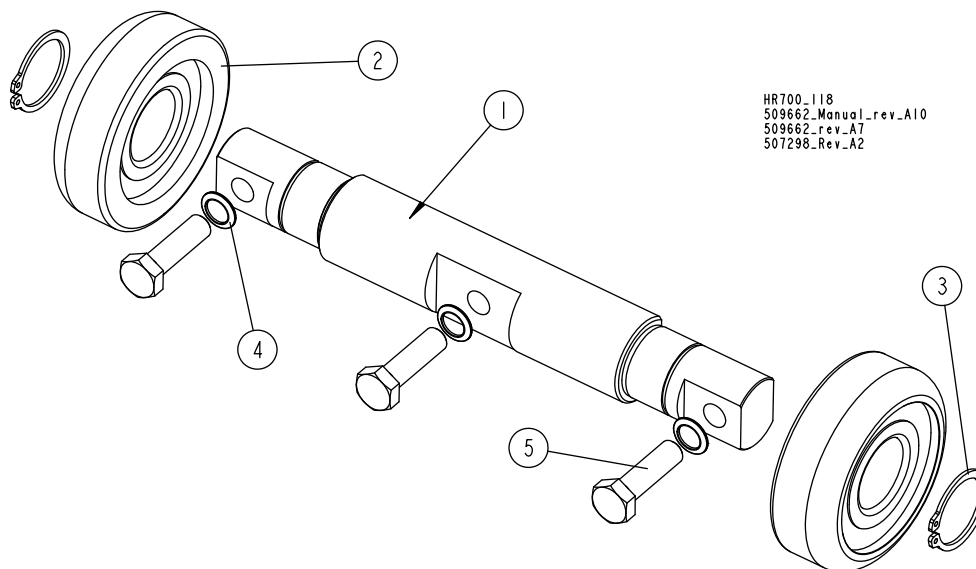
REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	COVER, SHS/HR700 FRONT - COMPLETE	506762	1	
1	COVER, SHS/HR700 FRONT	506763-1	1	
2	WASHER, 10.5 FLAT ZINC	F81055-1	4	
3	BOLT, 10/M8X12-12.9 BOSSARD SHOULDER	F81003-62	2	
4	WASHER, 6.4 FLAT ZINC	F81053-1	8	
5	PAWL, LOCKING	090643-1	1	
6	WASHER, 8.4 FLAT ZINC	F81054-1	2	
7	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	2	
8	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	1	
9	NUT, M6 8 HEX ZINC	F81031-1	1	
10	SCREW, M6X25-8.8 HEX SOCKET HEAD CAP ZINC	F81001-41	1	
11	SPRING, 1.6X12X38 EXTENSION	092208	1	
12	LATCH, FLEXIBLE DRAW	014829	4	
13	BOLT, M6X12 8.8 HEX HEAD FULL THREAD ZINC	F81001-7	6	
14	WASHER, 5.3 FLAT ZINC	F81052-1	16	
15	NUT, M5-8-FE/ZN5 DIN985	F81030-2	16	
16	BOLT, M5X12 5.8 HEX HEAD FULL THREAD ZINC	F81000-5	16	
17	KEY, AZ17/170-B5 SAFETY SWITCH	094422	1	
18	NUT, M4-8 HEX NYLON ZINC LOCK	F81029-1	4	
19	SCREW, M4X12-5.8-B CROSS RECESSED PAN HEAD ZINC	F81011-43	2	
20	SWITCH, AZ17-11ZRK SAFETY	094232	1	
21	SCREW, M4X35 8.8 HEX SOCKET HEAD CAP ZINC	F81011-34	2	
22	WASHER, 4.3 FLAT ZINC	F81051-2	2	
23	HANDLE, 4"	P08065	1	
24	SCREW, #8-32X3/8 SELF-TAPPING	F05015-8	2	

3.13 Adjustable Saw Head Guide Rollers



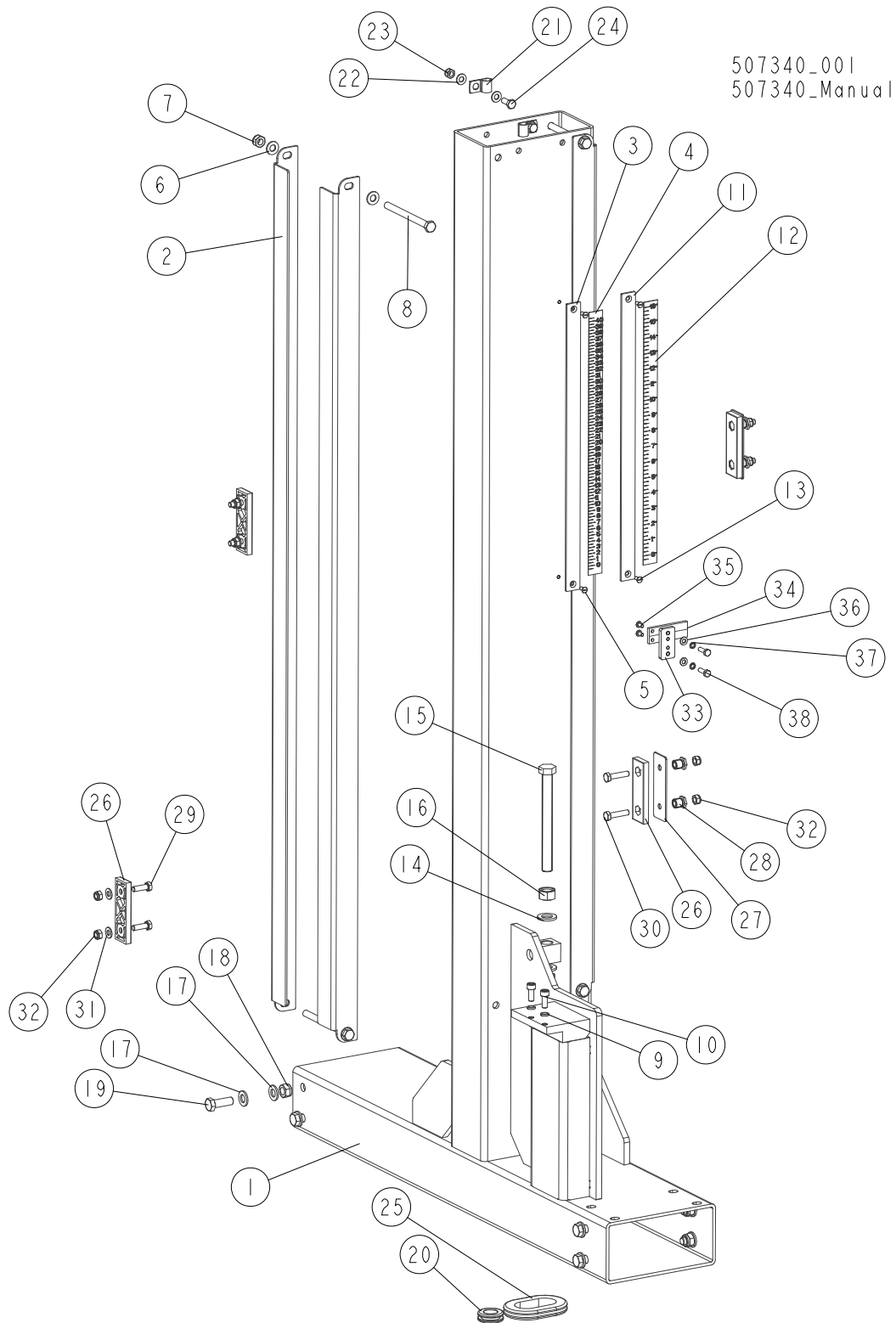
REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	ROLLER ASSEMBLY, ADJUSTABLE SAW HEAD GUIDE	506739	1	
1	BAR, ROLLER ZINC-PLATED MOUNT	506741-1	2	
2	SHAFT, GUIDE ROLLER ZINC-PLATED	506742-1	2	
3	ROLLER, SBBA3084-01 (COMPLEX)	088433	2	
4	RING, 30Z OUTSIDE RETAINING	F81090-23	4	
5	WASHER, 25 FLAT ZINC	F81061-3	2	
6	NUT, M24X2-8-B HEX ZINC	F81039-11	2	
7	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	4	
8	SCREW, M8X30-8.8 HEX SOCKET HEAD CAP ZINC	F81002-31	4	
9	BOLT, M24X2X95 ZINC-PLATED SPECIAL	506748-1	2	
10	FITTING, M6 STRAIGHT GREASE	086280	2	
11	ROD, GUIDE ROLLER CONNECTION	506747	1	
12	WASHER, 13 SPECIAL FLAT ZINC	F81056-14	2	
13	WASHER, Z12.2 SPLIT LOCK ZINC	F81056-2	2	
14	BOLT, M12X25-8.8 HEX HEAD FULL THREAD ZINC	F81004-31	2	
15	RING, 25 STOPPING LIGHT TYPE	F81039-4	2	
16	SCREW, M8X8-33H HEX SOCKET FLAT POINT ZINC SET	F81014-1	2	

3.14 Fixed Saw Head Guide Rollers



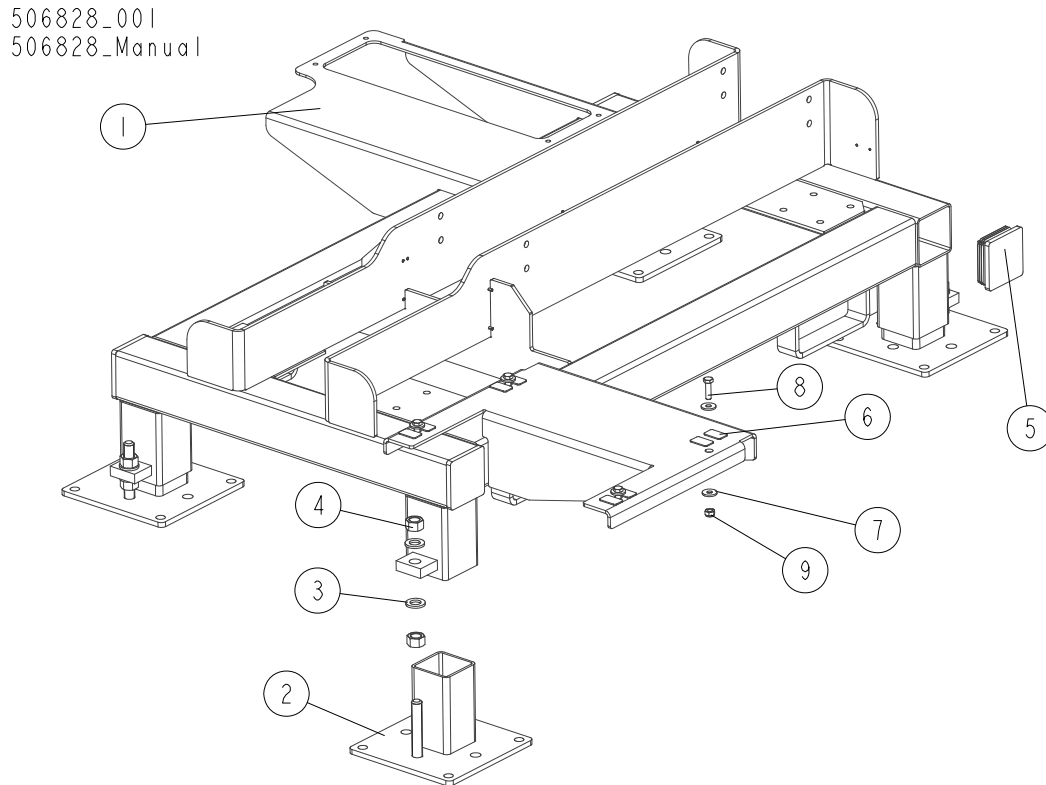
REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	ROLLER ASSEMBLY, FIXED SAW HEAD GUIDE	507298	1	
1	SHAFT, FIXED GUIDE ROLLER LONG ZINC-PLATED	088815-1	1	
2	ROLLER, SBBA3084-01 (COMPLEX)	088433	2	
3	RING, 30Z OUTSIDE RETAINING	F81090-23	2	
4	WASHER, 791 M10/10.5 SPLIT LOCK	F81055-7	3	
5	BOLT, M10X35 8.8 HEX HEAD FULL THREAD ZINC	F81003-17	3	

3.15 SHS Mast



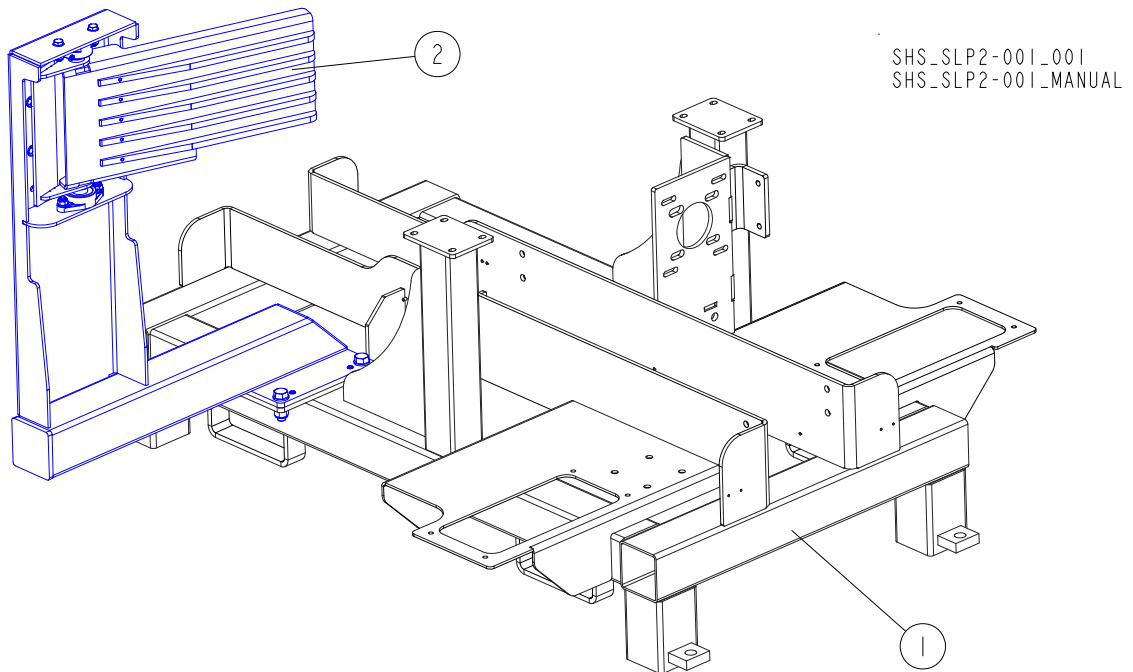
REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	MAST, SHS COMPLETE	506781	1	
1	MAST, SHS	506782-1	1	
2	ANGLE, VERTICAL MAST TUBE	088492	4	
	SCALE, METRIC BLADE HEIGHT - COMPLETE	507302	1	
3	BAR, SHS/HR700 BLADE HEIGHT SCALE	507303	1	
4	DECAL, 0-40 METRIC BLADE HEIGHT SCALE	507304	1	
5	SCREW, M5X12- 5.8-B SLOTTED COUNTERSUNK HEAD ZINC	F81000-15	2	
6	WASHER, 10.5 FLAT ZINC	F81055-1	8	
7	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	4	
8	BOLT, M10X125 8.8 HEX HEAD ZINC	F81003-18	4	
9	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	2	
10	SCREW, M8X20-8.8 HEX SOCKET HEAD CAP ZINC	F81002-30	2	
	SCALE, INCH BLADE HEIGHT - COMPLETE	507305	1	
11	BAR, SHS/HR700 BLADE HEIGHT SCALE	507303	1	
12	DECAL, 0-15.75 INCH BLADE HEIGHT SCALE	507306	1	
13	SCREW, M5X12- 5.8-B SLOTTED COUNTERSUNK HEAD ZINC	F81000-15	2	
14	WASHER, 17 SPLIT LOCK ZINC	F81058-1	2	
15	BOLT, M16X160 8.8 HEX HEAD FULL THREAD ZINC	F81006-23	1	
16	NUT, M16-8 HEX ZINC	F81036-1	2	
17	WASHER, 13 FLAT ZINC	F81056-1	16	
18	NUT, M12 8 HEX NYLON ZINC LOCK	F81034-2	8	
19	BOLT, M12X35 8.8 HEX HEAD FULL THREAD ZINC	F81004-24	8	
20	GROMMET, 22MM ID RUBBER	087400	2	
21	CLAMP, 1/2" EMT COATED	P07584	2	
22	WASHER, 8.4 FLAT ZINC	F81054-1	4	
23	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	2	
24	BOLT, M8X20 8.8 HEX HEAD FULL THREAD ZINC	F81002-4	2	
25	GROMMET, RUBBER	089532	2	
26	PAD, DELRIN UP/DOWN SLIDE	M04096	4	
27	PLATE, SLIDE PAD MOUNTING	093246-1	2	
28	NUT, SLIDE PAD ZINC-PLATED ADJUSTMENT	086683-1	4	
29	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	4	
30	BOLT, M8X35-8.8 HEX HEAD FULL THREAD ZINC	F81002-13	4	
31	WASHER, 8.4 FLAT ZINC	F81054-1	4	
32	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	8	
	INDICATOR, BLADE HEIGHT SCALE - COMPLETE	507299	1	
33	PLATE, SCALE INDICATOR ZINC-PLATED MOUNTING	507301-1	1	
34	INDICATOR, BLADE HEIGHT SCALE	094821	1	
35	SCREW, M5X10 ISO 7380	F81000-32	2	
36	WASHER, 6.4 FLAT ZINC	F81053-1	2	
37	WASHER, Z 6.1 SPLIT LOCK ZINC	F81053-3	2	
38	BOLT, M6X20 8.8 HEX HEAD FULL THREAD ZINC	F81001-2	2	

3.16 SHS Saw Head Base



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	FRAME, SHS SAW HEAD BASE - COMPLETE	506828	1	
1	FRAME, SHS SAW HEAD BASE	506829-1	1	
2	FOOT, LEG ADJUSTABLE	099547-1	4	
3	WASHER, 21 FLAT ZINC	F81059-2	8	
4	NUT, M20-8 HEX ZINC	F81037-1	8	
5	CAP, 100x100 #199200 SQUARE	090694	4	
6	WASHER, CORK SELF-ADHESIVE	502881	8	
7	WASHER, 10.5 SPECIAL FLAT ZINC	F81055-6	8	
8	BOLT, M10X35 8.8 HEX HEAD FULL THREAD ZINC	F81003-17	4	
9	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	4	

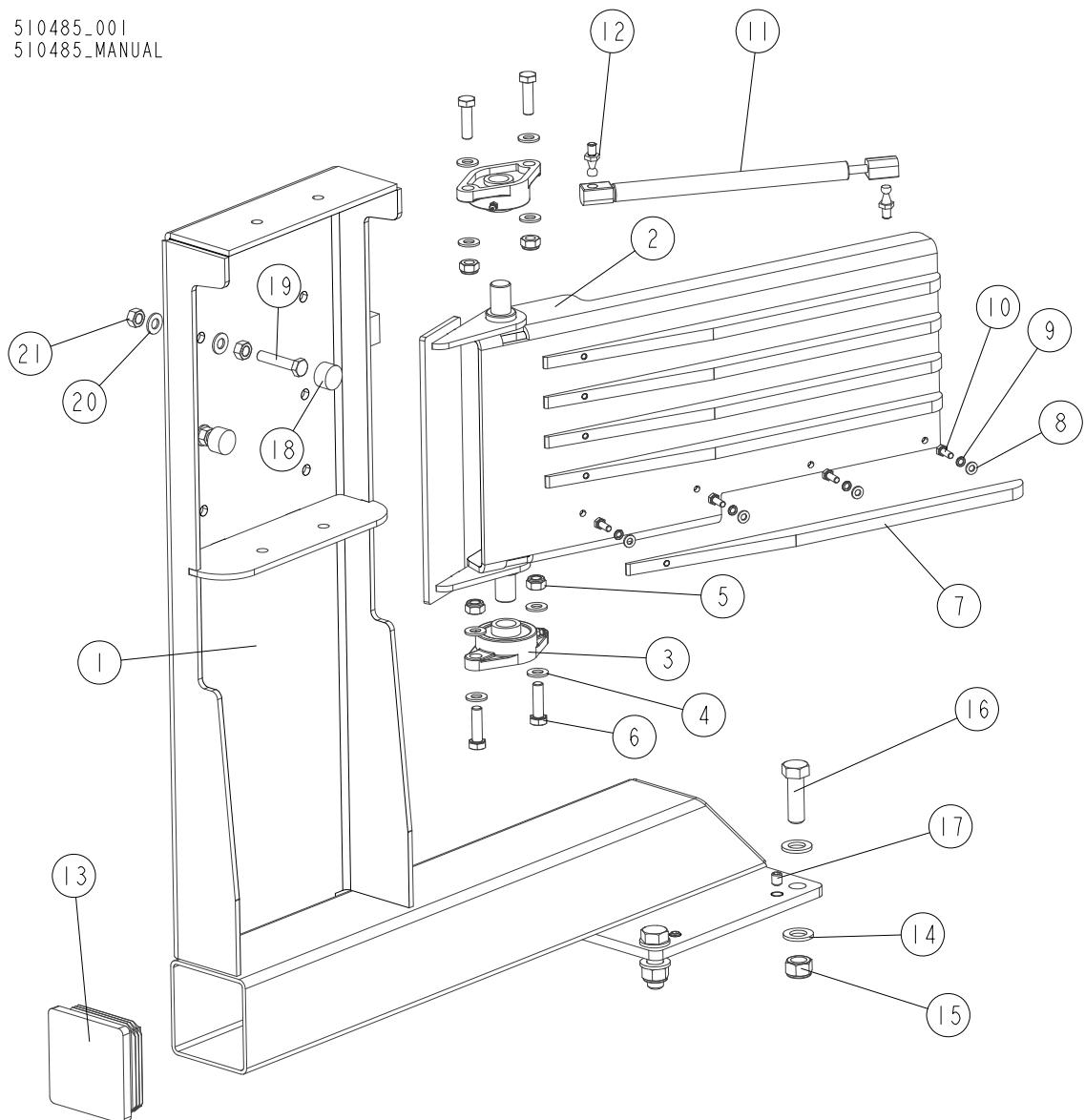
3.17 Saw Head Base - L



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
1	BASE, SHS/SLP2 SAW HEAD	526980-1	1	
2	PLATE ASSEMBLY, LOG CLAMP	510485	1	

3.18 Log Clamp Plate Assembly

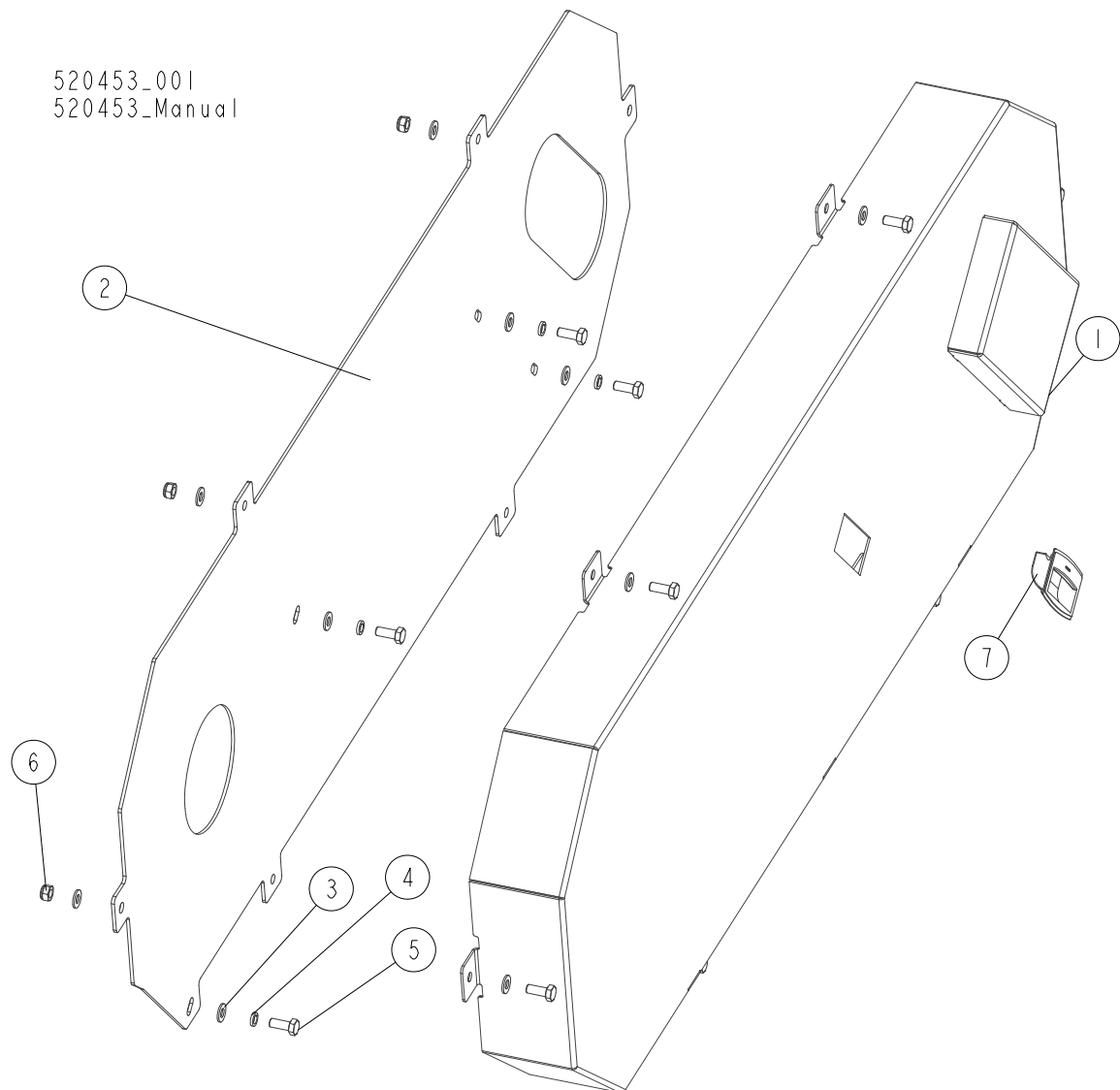
510485-001
510485-MANUAL



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
-	PLATE ASSEMBLY, LOG CLAMP	510485	1	
1	BRACKET, CLAMP PLATE MOUNT	510480-1	1	
-	PLATE, LOG CLAMP - COMPLETE	510482	1	
2	PLATE WELDMENT, LOG CLAMP	510483-1	1	
3	BEARING, UCFL 204 (CX)	500060	2	
4	WASHER, 10.5 FLAT ZINC	F81055-1	8	
5	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	4	
6	BOLT, M10X35 8.8 HEX HEAD FULL THREAD ZINC	F81003-17	4	
7	RIB, LOG CLAMP PLATE	510481-1	5	
8	WASHER, 6.4 FLAT ZINC	F81053-1	20	
9	WASHER, Z 6.1 SPLIT LOCK ZINC	F81053-3	20	

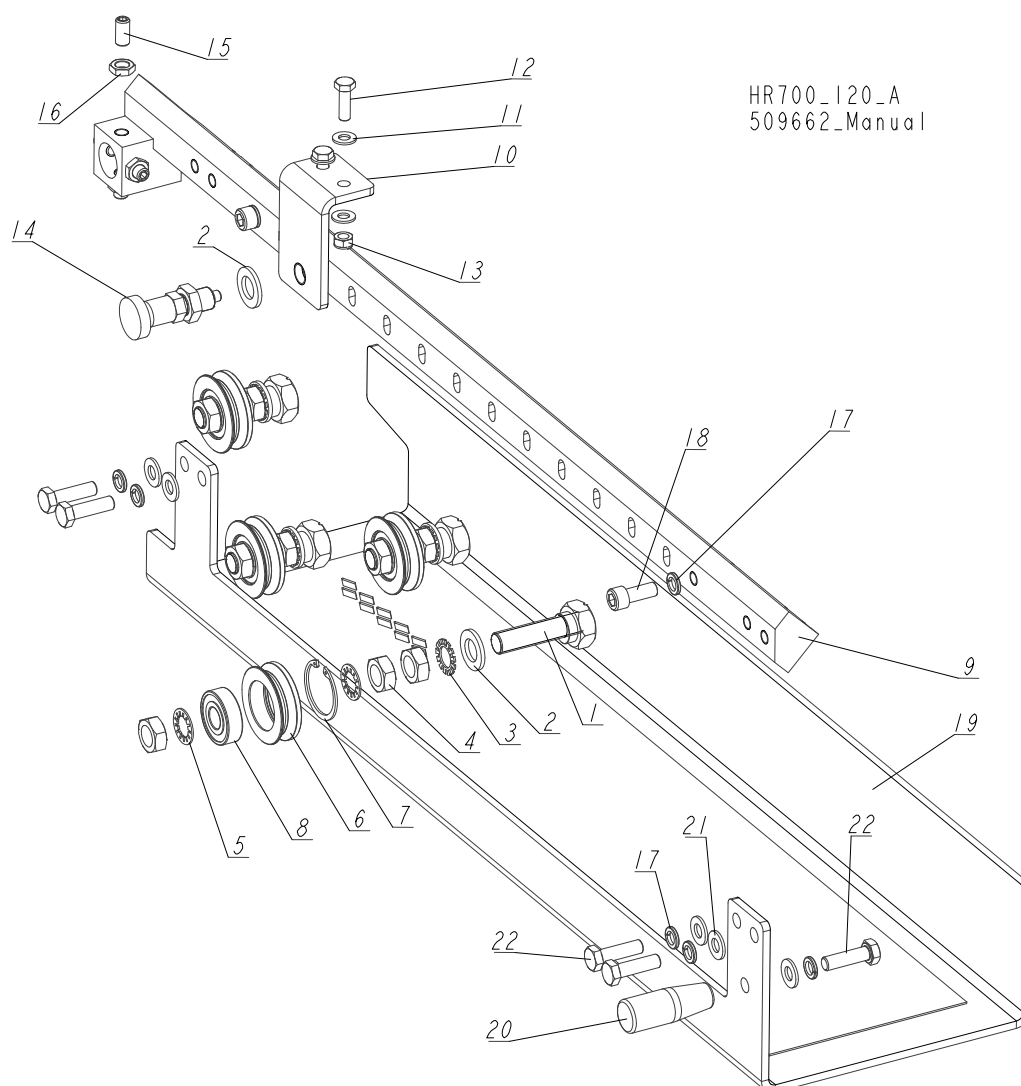
REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
10	BOLT, M6X16-8.8 HEX HEAD FULL THREAD ZINC	F81001-15	20	
-	SPRING, 300N GAS - COMPLETE	089212	1	
11	SPRING, 300N GAS	089205	1	
12	STUD, M8 BALL	089206	2	
13	CAP, 100X100 #199200 SQUARE	090694	1	
14	WASHER, 17 SPLIT LOCK ZINC	F81058-1	8	
15	NUT, M16-8 HEX NYLON ZINC LOCK	F81036-2	4	
16	BOLT, M16X50-8.8 HEX HEAD FULL THREAD ZINC	F81006-7	4	
17	SCREW, M12X12 - 33H HEX SOCKET SET W/FLAT POINT	F81004-15	4	
-	BUMPER	510649	2	
18	COVER, RUBBER BUMPER	089083	1	
19	BOLT, M10X50-8.8 HEX HEAD FULL THREAD ZINC	F81003-4	1	
20	WASHER, 10.5 FLAT ZINC	F81055-1	4	
21	NUT, M10 8 HEX ZINC	F81033-3	4	

3.19 SHS Drive Belt Guard



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	GUARD, HR700HD DRIVE BELT - COMPLETE	520453	1	
1	GUARD, HR700HD DRIVE BELT	520455-1	1	
2	PLATE, HR700HD BELT GUARD REAR	520454-1	1	
3	WASHER, 8.4 FLAT ZINC	F81054-1	16	
4	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	4	
5	BOLT, M8X20 8.8 HEX HEAD FULL THREAD ZINC	F81002-4	10	
6	NUT, M8-8-B HEX NYLON ZINC LOCK	F81032-2	6	
7	HANDLE, EPR.90-PF-C1(261051-C1) SNAP-IN FLUSH PULL	100012	1	

3.20 Blade Guide Arm

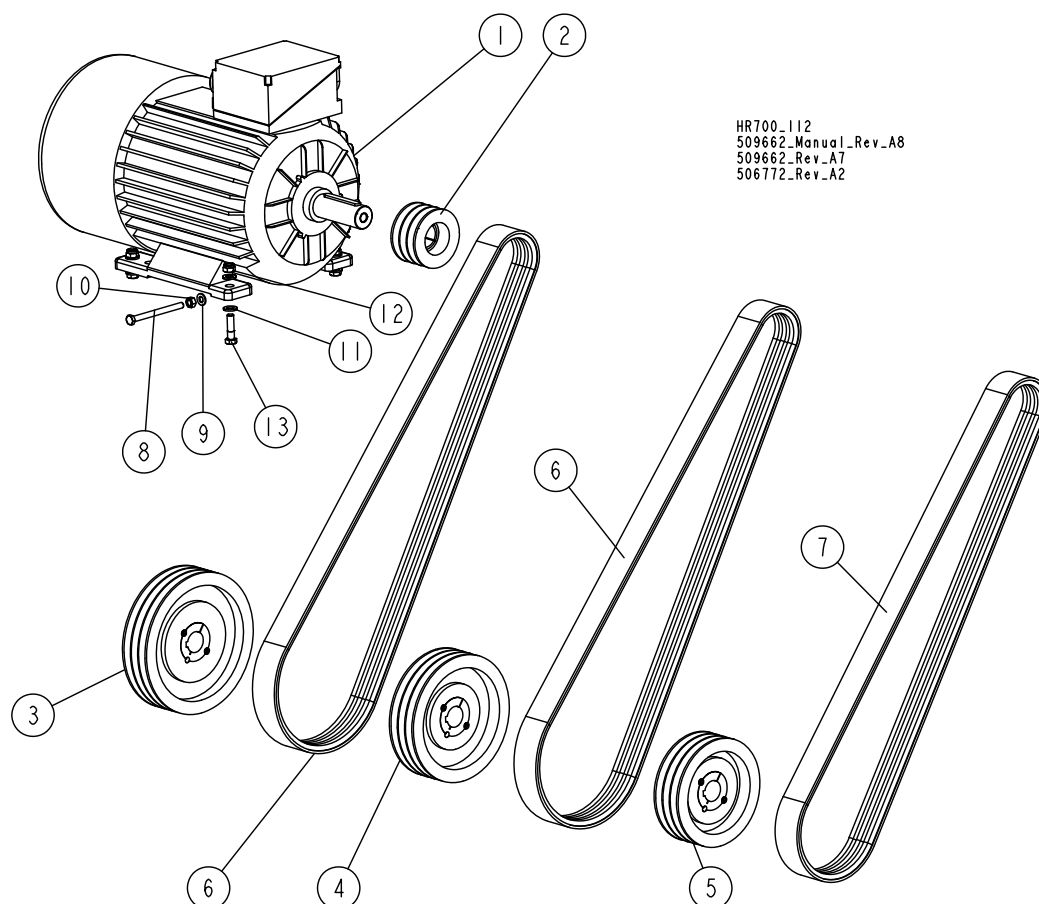


HR700_120_A
509662_Manual

REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY
	ARM, BLADE GUIDE - COMPLETE	506756	1
1	BOLT WELDMENT, ECCENTRIC	086508-1	4
2	WASHER, 17 SPLIT LOCK ZINC	F81058-1	5
3	WASHER, 5/8" EXTERNAL STAR	F05011-26	4
4	NUT, 5/8"-18 HEX ZINC	F05010-11	12
5	WASHER, 5/8" INTERNAL STAR	F05011-25	8
	ROLLER ASSEMBLY, V-GROOVE W/BEARING	093855	4
6	ROLLER, V-GROOVE ZINC-PLATED	093856-1	1
7	RING, W40 INSIDE RETAINING	F81090-3	1
8	BEARING, 6203 2RSP6-5/8 CX	095087	1
9	ARM, BLADE GUIDE ZINC-PLATED	506757-1	1
10	BRACKET, DETENT PIN MOUNT	099077-1	1
11	WASHER, 8.4 FLAT ZINC	F81054-1	4

REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
12	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	2	
13	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	2	
14	PIN, 45308DNW DETENT	089939	1	
15	SCREW, M10X1X20 DIN 913 STAINLESS STEEL SET	F81015-1	4	
16	NUT, M10X1-04-ST-A2E ISO8675 THIN	F81033-10	4	
17	WASHER, Z10.2 SPLIT LOCK ZINC	F81055-2	7	
18	SCREW, M10X25 8.8 HEX SOCKET HEAD CAP ZINC	F81003-32	2	
19	GUARD, BLADE	506761-1	1	
20	HANDLE, 13870M10 M10 THREAD	089445	1	
21	WASHER, 10.5 FLAT ZINC	F81055-1	5	
22	BOLT, M10X35 8.8 HEX HEAD FULL THREAD ZINC	F81003-17	5	

3.21 E20/E25 Motor Assembly



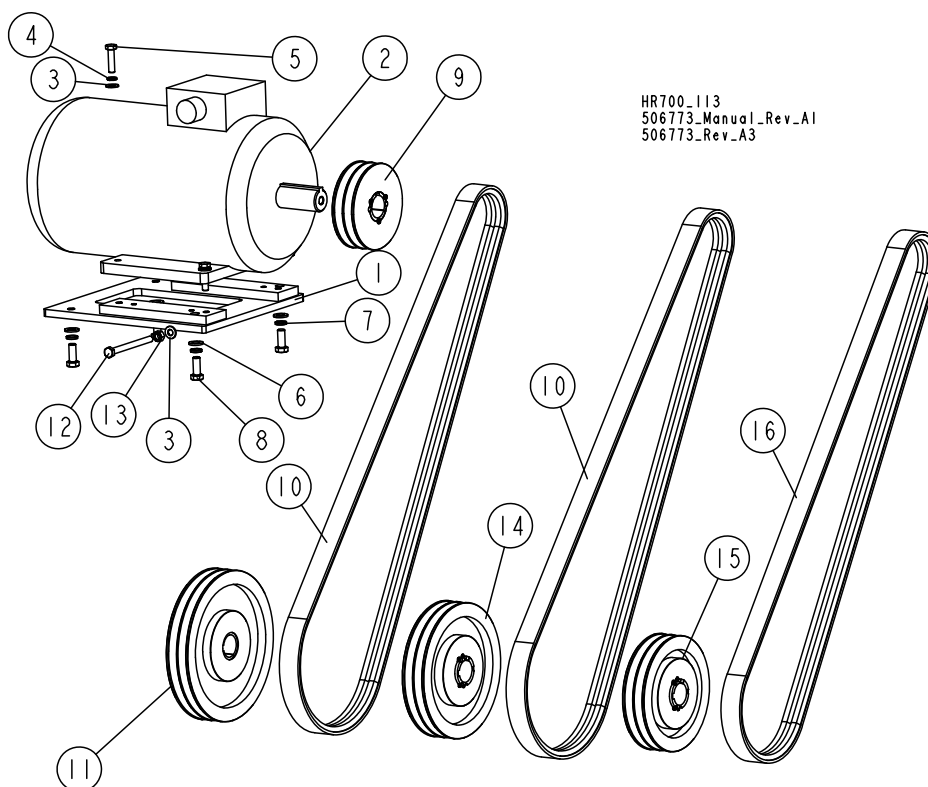
REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	MOTOR, E25 SHS/HR700 MAIN - COMPLETE	506771	1/0	
	MOTOR, E20 SHS/HR700 MAIN - COMPLETE	506772	0/1	
1	MOTOR, PSG-160 L4 18.5KW + H-160+	508712	1/0	
	MOTOR, 2SIE-160 L4 400 50HZ+H160 15KW 1460 1/MIN	507317	0/1	
2	PULLEY, PBT SPB3 100/42 (F02313+T31081)	506753 ^{1 2 3}	1	
3	PULLEY, PBT SPB3 250/38 (F01816+T31138)	507273 ²	1	
4	PULLEY, PBT SPB3 224/38 (F01876+T31124)	506755 ¹	1	
5	PULLEY, PBT SPB3 190/38 (F01802+T31124)	506754 ³	1	
6	V-BELT, KB RED POWER II 3SPB 2240 OPT TRIPLE	088993 ^{1 2}	2	
7	V-BELT, KB RED POWER II 3SPB 2160 TRIPLE	507311 ³	1	
8	BOLT, M10X120-8.8 HEX HEAD FULL THREAD ZINC	F81003-47	2	
9	WASHER, 10.5 FLAT ZINC	F81055-1	2	
10	NUT, M10 8 HEX ZINC	F81033-3	2	
11	WASHER, 13 FLAT ZINC	F81056-1	8	
12	NUT, M12 8 HEX NYLON ZINC LOCK	F81034-2	4	
13	BOLT, M12X45 8.8 HEX HEAD ZINC	F81004-32	4	

¹ For standard blade speed of V=20m/s, mount pulley #506753 on motor shaft, and pulley #506755 with belt #088993 on drive shaft.

² For optional blade speed of V=18m/s, mount pulley #506753 on motor shaft, and pulley #507273 with belt #088993 on drive shaft.

³ For optional blade speed of V=24m/s, mount pulley #506753 on motor shaft, and pulley #506754 with belt #507311 on drive shaft.

3.22 E15 Motor Assembly

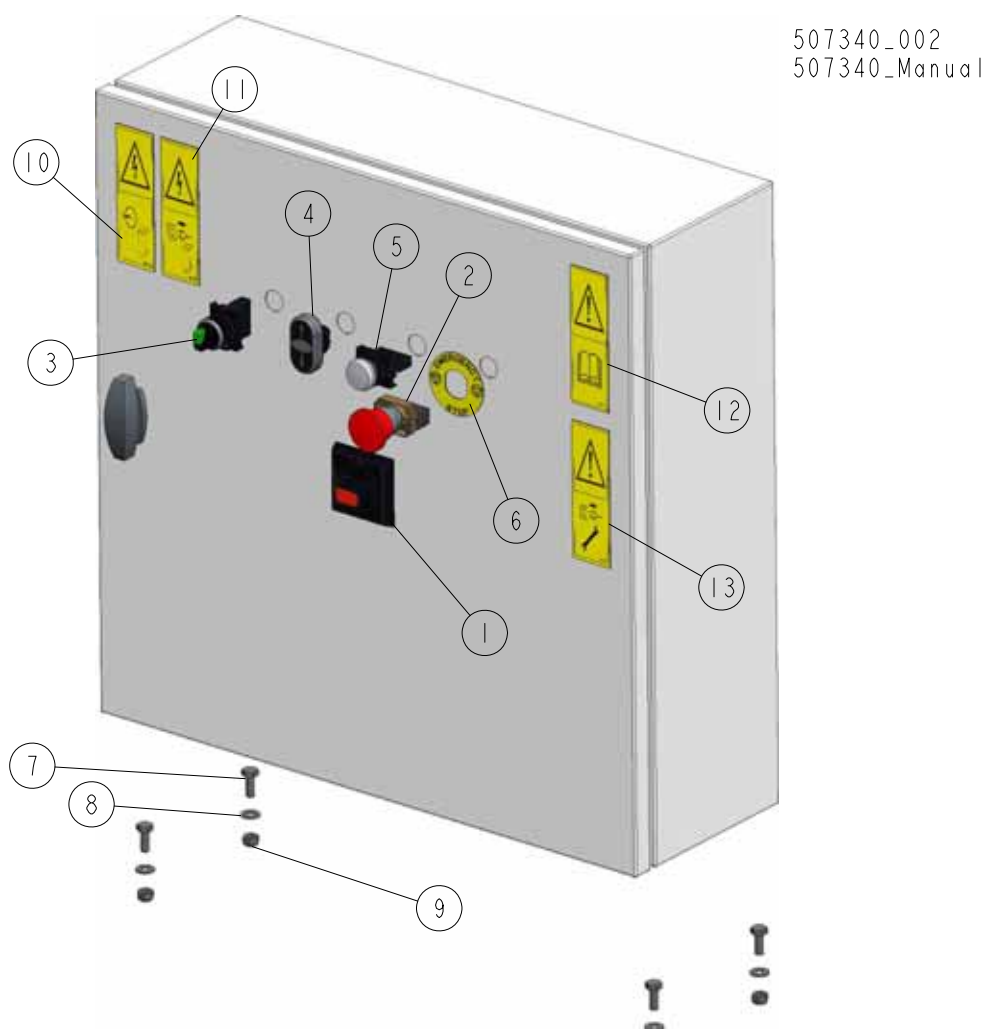


REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	MOTOR, E15 SHS/HR700 MAIN - COMPLETE	506773	1	
1	PLATE, E15 HR-L MOTOR MOUNT	506774-1	1	
2	MOTOR, SG132M-4PC-HM (11KW, 1500 r.p.m.)	093219	1	
3	WASHER, 10.5 FLAT ZINC	F81055-1	6	
4	WASHER, Z 10.2 SPLIT LOCK ZINC	F81055-2	4	
5	BOLT, M10X40-8.8 HEX HEAD FULL THREAD ZINC	F81003-16	4	
6	WASHER, 13 FLAT ZINC	F81056-1	4	
7	WASHER, Z12.2 SPLIT LOCK ZINC	F81056-2	4	
8	BOLT, M12X30 8.8 HEX HEAD FULL THREAD ZINC	F81004-22	4	
9	PULLEY, SPB-B-5VN100X2C GROOVES/N38 (F02312+T31079)	500176 ^{1 2 3}	1	
10	V-BELT, KB RED POWER II 2SPB 2240 TRIPLE	507307 ^{1 2}	2	
11	PULLEY, SPB-B-5VN250X2 GROOVES /N38 (F02365+T31124)	507274 ²	1	
12	BOLT, M10X120-8.8 HEX HEAD FULL THREAD ZINC	F81003-47	2	
13	NUT, M10 8 HEX ZINC	F81033-3	2	
14	PULLEY, SPB-B-5VN224X2 GROOVES /N38 (F02359+T31124)	500177	1	
15	PULLEY, SPB-B-5V N190X 2 GROOVES /N38 (F02347+T31124)	500569 ³	1	
16	V-BELT,KB RED POWER II 2SPB 2160 TRIPLE	507315 ³	1	

¹ For standard blade speed of V=20m/s, mount pulley #500176 on motor shaft, and pulley #500177 with belt #507307 on drive shaft.

² For optional blade speed of V=18m/s, mount pulley #500176 on motor shaft, and pulley #507274 with belt #507307 on drive shaft.
³ For optional blade speed of V=24m/s, mount pulley #500176 on motor shaft, and pulley #500569 with belt #507315 on drive shaft.

3.23 Electric Box



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	BOX, SHS E15/25 ELECTRIC - COMPLETE	507250	1	
	BOX, SHS-L	512114	1	
1	HANDLE, ABB OHB2AJ SWITCH	088265-1	1	
2	BUTTON, XB4 BS542 EMERGENCY STOP	086556	1	
3	SWITCH, MOELLER 3-POSITION GREEN	091359	1	
4	ACTUATOR, M22-DD-S-X7/X7 BUTTON	090917	1	
5	LIGHT, M22 LED 24V BLUE CONTROL	090448	1	
6	WASHER, EMERGENCY STOP BUTTON	086561	1	
7	BOLT, M8X20 5.8 HEX HEAD FULL THREAD ZINC	F81002-1	4	
8	WASHER, 8.4 FLAT ZINC	F81054-1	4	
9	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	4	
10	DECAL, HAZARDOUS VOLTAGE INSIDE THE ELECTRIC BOX (PICTOGRAM)	096316	1	

REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
11	DECAL, REMOVE THE PLUG BEFORE OPENING THE ELECTRIC BOX (PICTOGRAM)	096319	1	
12	DECAL, READ THE OPERATOR'S MANUAL (PICTOGRAM)	096317	1	
13	DECAL, DISCONNECT POWER SUPPLY BEFORE SERVICING (PICTOGRAM)	098177	1	

REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	MOTOR, E15 SHS/HR700 MAIN - COMPLETE	506773	1	
1	PLATE, E15 HR-L MOTOR MOUNT	506774-1	1	
2	MOTOR, SG132M-4PC-HM (11KW 1500 r.p.m.)	093219	1	
3	WASHER, 10.5 FLAT ZINC	F81055-1	6	
4	WASHER, Z10.2 SPLIT LOCK ZINC	F81055-2	4	
5	BOLT, M10X40-8.8 HEX HEAD FULL THREAD ZINC	F81003-16	4	
6	WASHER, 13 FLAT ZINC	F81056-1	4	
7	WASHER, Z12.2 SPLIT LOCK ZINC	F81056-2	4	
8	BOLT, M12X30 8.8 HEX HEAD FULL THREAD ZINC	F81004-22	4	
9	PULLEY, SPB FI100X2/FI38 (F02312+T31079)	500176 ^{1 2 3}	1	
10	V-BELT, KB RED POWER II 2SPB 2240 TRIPLE	507307 ^{1 2}	2	
11	PULLEY, SPB FI250X2/FI38 (F02365+T31124)	507274 ²	1	
12	BOLT, M10X120-8.8 HEX HEAD FULL THREAD ZINC	F81003-47	2	
13	NUT, M10 8 HEX ZINC	F81033-3	2	
14	PULLEY, SPB FI224X2/FI38 (F02359+T31124)	500177	1	
15	PULLEY, SPB FI190X2/FI38 (F02347+T31124)	500569 ³	1	
16	V-BELT,KB RED POWER II 2SPB 2160 TRIPLE	507315 ³	1	

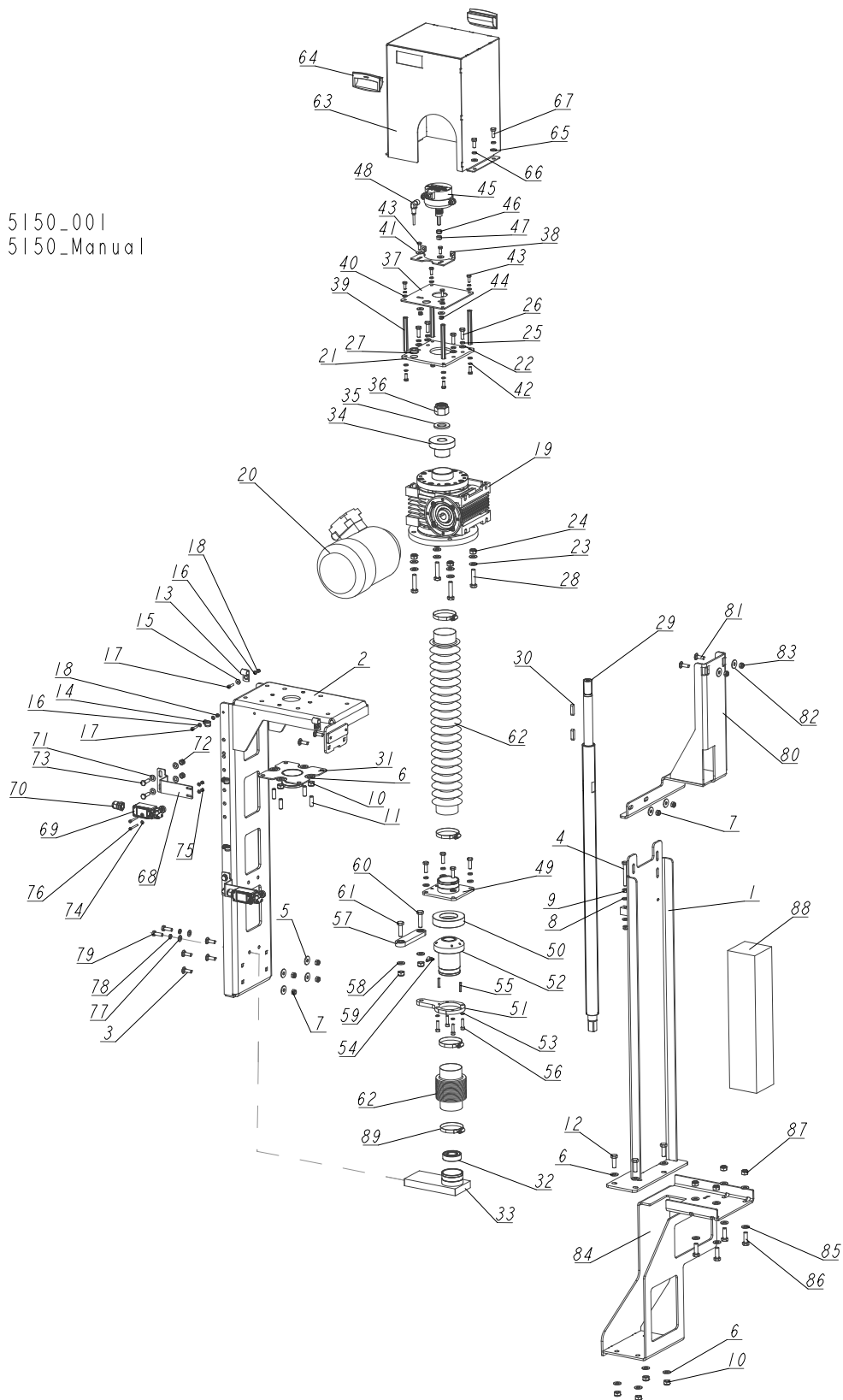
¹ For standard blade speed of V=20m/s, mount pulley #500176 on motor shaft, and pulley #500177 with belt #507307 on drive shaft.

² For optional blade speed of V=18m/s, mount pulley #500176 on motor shaft, and pulley #507274 with belt #507307 on drive shaft.

³ For optional blade speed of V=24m/s, mount pulley #500176 on motor shaft, and pulley #500569 with belt #507315 on drive shaft.

3.24 Up/Down Drive Assembly

515150_001
515150_Manual

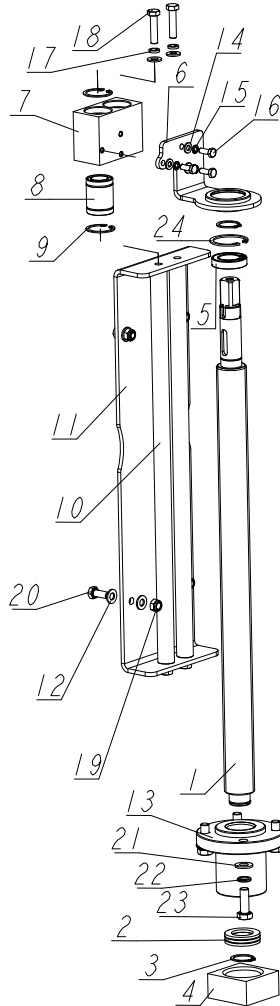


REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
	DRIVE ASSEMBLY, SHS UP/DOWN SCREW	515150	1	
	BRACKET, SHS UP/DOWN DRIVE SUPPORT - COMPLETE	515158	1	
1	BRACKET, UP/DOWN DRIVE SUPPORT - LOWER	511842-1	1	
2	BRACKET, SHS/HR700 UP/DOWN DRIVE SUPPORT - UPPER	515155-1	1	
3	BOLT, M8X25-8.8 CARRIAGE ZINC	F81002-59	6	
4	BOLT, M8X65 8.8 HEX HEAD FULL THREAD ZINC	F81002-9	2	
5	WASHER, 8.5 SPECIAL FLAT ZINC	F81054-11	6	
6	WASHER, 10.5 FLAT ZINC	F81055-1	12	
7	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	8	
8	WASHER, 8.4 FLAT ZINC	F81054-1	4	
9	NUT, M8-8-B HEX ZINC	F81032-1	2	
10	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	8	
11	SCREW, M10X30-33H-GEOMET HEX SOCKET SET FLAT POINT	F81003-35	4	
12	BOLT, M10X30 5.8 HEX HEAD FULL THREAD ZINC	F81003-2	4	
13	CLAMP, 1/2" EMT COATED	P07584	2	
14	CLAMP, RSGU 1.10/12W1 METAL & RUBBER	086861	3	
15	WASHER, 5.5 SPECIAL FLAT ZINC	F81052-3	2	
16	WASHER, 5.3 FLAT ZINC	F81052-1	8	
17	SCREW, M5X20 8.8 HEX SOCKET HEAD CAP ZINC	F81000-72	5	
18	NUT, M5-8-FE/ZN5 DIN985 HEX NYLON LOCK	F81030-2	5	
	REDUCER, MRP-63 SHS/HR700 UP/DOWN DRIVE - COMPLETE	515157	1	
	REDUCER, MRP-63/16[0.75-1400-120/19]-WMI-[S3=60%]-B/SO/K2/B6	514932	1	
19	REDUCER, MRP-63/16 [120/19]SO/K2/B6	514933	1	
20	MOTOR, SKH 80-4B2/3045 (N=0.75 kW, N=1380 r.p.m.) INDUCTION	514934	1	
21	PLATE, ENCODER MOUNT	515149-1	1	
22	WASHER, 8.4 FLAT ZINC	F81054-1	4	
23	WASHER, 10.5 FLAT ZINC	F81055-1	8	
24	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	4	
25	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	4	
26	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	4	
27	GROMMET, 20/13 RUBBER	086188	1	
28	BOLT, M10X45 HEX HEAD FULL THREAD ZINC	F81003-3	4	
29	SCREW, TR36X3 ACME ZINC-PLATED	515145-1	1	
30	KEY, A8X7X32 PARALLEL	088564	2	
31	BRACKET, UP/DOWN SCREW BELLOWS - UPPER	514915-1	1	
32	BEARING, 6205 2RSR P6 BALL (FAG,NSK,SKF)	087353	1	
33	BRACKET, UP/DOWN SCREW BELLOWS - LOWER	514935-1	1	
34	CAP, MRP-63 MOTOREDUCER ZINC-PLATED	515144-1	1	
35	WASHER, 25 FLAT ZINC	F81061-3	1	
36	NUT, M24x2-8 HEX NYLON ZINC LOCK	F81039-10	1	
	ENCODER ASSEMBLY, SHS/HR700	515147	1	
37	PLATE, ENCODER MOUNT	515148-1	1	
38	BRACKET, ENCODER	507372-1	1	
39	SPACER, M6X100- BN3319 (BOSSARD)	F81031-10	4	
40	WASHER, 6.4 FLAT ZINC	F81053-1	8	

REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
41	WASHER, 6.5 SPECIAL FLAT ZINC	F81053-11	4	
42	WASHER, Z6.1 SPLIT LOCK ZINC	F81053-3	8	
43	BOLT, M6X16-8.8 HEX HEAD FULL THREAD ZINC	F81001-15	10	
44	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	2	
45	ENCODER, 48 IMP./TURN 12V DC INCREMENTAL	510285	1	
46	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	1	
47	NUT, M8-8-B HEX ZINC	F81032-1	1	
48	CABLE, 5M LIMIT SWITCH	087652	1	
49	BRACKET, UP/DOWN SCREW BELLOWS - MIDDLE	514919-1	1	
50	WASHER, 90X50X20 SPHERICAL ZINC-PLATED SEAT	514898-1	1	
	NUT, TR36X3 UP/DOWN SCREW - COMPLETE	515138	1	
51	PLATE, TR36X3 NUT SEAT	515143-1	1	
52	NUT, TR36X3 ACME SCREW	514899	1	
53	WASHER, Z 6.1 SPLIT LOCK ZINC	F81053-3	4	
54	FITTING, M6 PN/M-86003 GREASE	094213	1	
55	PIN, 5X26 ROLL ZINC	F81044-2	2	
56	SCREW, M6X25-8.8 HEX SOCKET HEAD CAP ZINC	F81001-41	4	
57	LINK, SBPL 10104 PIVOTAL (COMPLEX)	097700	1	
58	WASHER, 10.5 FLAT ZINC	F81055-1	2	
59	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	2	
60	BOLT, M10X40-8.8 HEX HEAD FULL THREAD ZINC	F81003-16	1	
61	BOLT, M10X35 8.8 HEX HEAD FULL THREAD ZINC	F81003-17	1	
62	BELLOWS, 60/520 PROTECTIVE	514918	2	
	GUARD, SHS/HR700 UP/DOWN DRIVE - COMPLETE	515151	1	
63	GUARD, SHS/HR700 UP/DOWN DRIVE	515152-1	1	
64	HANDLE, EPR.90-PF-C1(261051-C1) SNAP-IN FLUSH PULL	100012	2	
65	WASHER, 8.4 FLAT ZINC	F81054-1	4	
66	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	4	
67	BOLT, M8X20 8.8 HEX HEAD FULL THREAD ZINC	F81002-4	4	
	LIMIT SWITCH ASSEMBLY	515141	2	
68	BRACKET, LIMIT SWITCH MOUNT	515142-1	1	
69	SWITCH, FA138 Z11 LIMIT	100931	1	
70	GLAND, DP9/H CABLE	F81096-2	1	
71	WASHER, 8.4 FLAT ZINC	F81054-1	4	
72	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	2	
73	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	2	
74	WASHER, 4.3 FLAT ZINC	F81051-2	4	
75	NUT, M4-8 HEX NYLON ZINC LOCK	F81029-1	2	
76	SCREW, M4X35 8.8 HEX SOCKET HEAD CAP ZINC	F81011-34	2	
77	WASHER, 8.4 FLAT ZINC	F81054-1	6	
78	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	6	
79	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	6	
	BRACKET ASSEMBLY, SHS UP/DOWN DRIVE TRANSPORT - UPPER	517318	1	
80	BRACKET, SHS UP/DOWN DRIVE TRANSPORT - UPPER	517313-1	1	
81	BOLT, M8X25-8.8 CARRIAGE ZINC	F81002-59	2	

REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART #	QTY	
82	WASHER, 8.5 SPECIAL FLAT ZINC	F81054-11	2	
83	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	2	
	BRACKET ASSEMBLY, SHS UP/DOWN DRIVE TRANSPORT - LOWER	517314	1	
84	BRACKET, SHS UP/DOWN DRIVE TRANSPORT - LOWER	517315-1	1	
85	WASHER, 10.5 FLAT ZINC	F81055-1	8	
86	BOLT, M10X30 5.8 HEX HEAD FULL THREAD ZINC	F81003-2	4	
87	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	4	
88	BLOCK, SHS SAW HEAD TRANSPORT SUPPORT	517319	1	
89	CLAMP, 50-70 DIN 3017 WORM	F81095-6	4	

3.25 Manual Up/Down System



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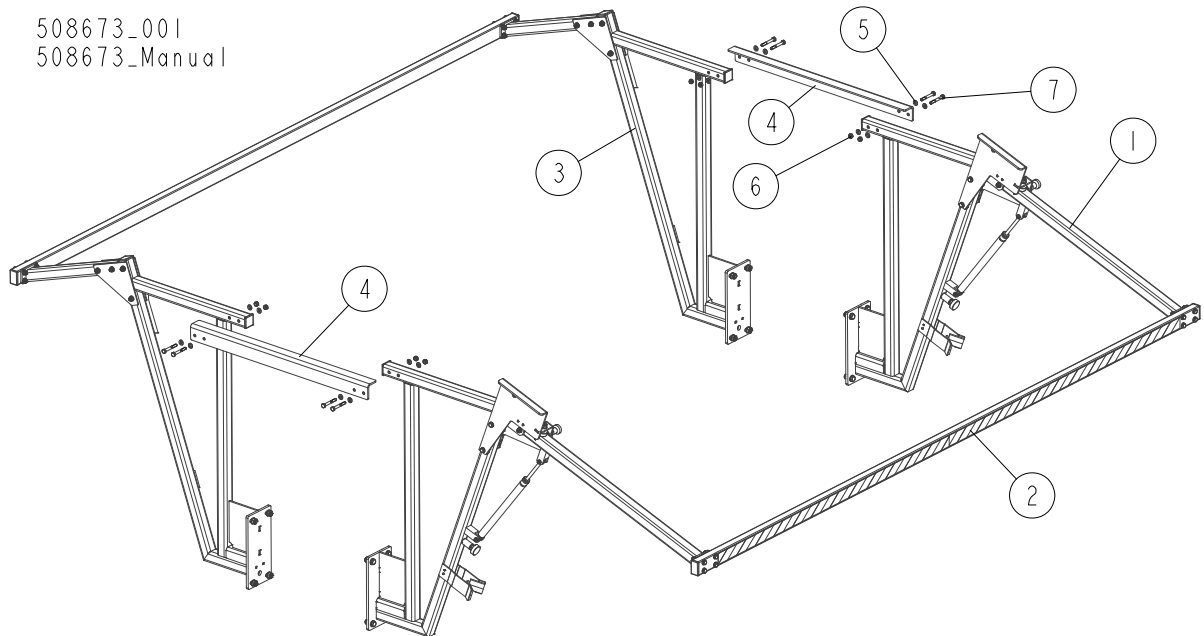
REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
	SAW HEAD HEIGHT ADJUSTMENT ASSEMBLY, SHS/HR700 - MANUAL	506778	1	
1	SCREW, TR36X3 ACME ZINC-PLATED	506779-1	1	
2	BEARING, 51105 THRUST	088033	1	
3	RING, 25Z OUTSIDE RETAINING	F81090-22	2	
4	BLOCK, ACME SCREW ZINC-PLATED MOUNT	093265-1	1	
5	BEARING, 61905 2RS (COMPLEX)	099037	1	
6	BRACKET, ZINC-PLATED RETAINING	507309-1	1	
	BLOCK, LASER MOUNT - COMPLETE	504010	1	
7	BLOCK, LM 20 UU LINEAR BEARING HOUSING ZINC-PL.	504011-1	1	
8	BEARING, LM 20 UU LINEAR MOTION	504012	2	
9	RING, 32W INSIDE RETAINING	F81090-5	4	
10	ROD, LASER GUIDE (CHROMIUM-PLATED)	504359	2	
11	BRACKET, GUIDE ROD MOUNT	507308-1	1	
12	WASHER, 8.4 FLAT ZINC	F81054-1	12	
13	NUT, TR36X3 ACME SCREW	506780	1	

REF.	DESCRIPTION (◆ Indicates Parts Available In Assemblies Only)	PART #	QTY.	
14	WASHER, 6.4 FLAT ZINC	F81053-1	3	
15	WASHER, Z 6.1 SPLIT LOCK ZINC	F81053-3	3	
16	BOLT, M6X16 8.8 HEX HEAD FULL THREAD ZINC	F81001-32	3	
17	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	4	
18	BOLT, M8X35-8.8 HEX HEAD FULL THREAD ZINC	F81002-13	4	
19	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	4	
20	BOLT, M8X20 8.8 HEX HEAD FULL THREAD ZINC	F81002-4	4	
21	WASHER, 10.5 FLAT ZINC	F81055-1	4	
22	WASHER, Z10.2 SPLIT LOCK ZINC	F81055-2	4	
23	BOLT, M10X30 5.8 HEX HEAD FULL THREAD ZINC	F81003-2	4	
24	RING, SEG W042 RETAINING	F81090-19	1	
	RATCHET, 3/4" 645300 HEYCO PUSH-THROUGH	507312	1	

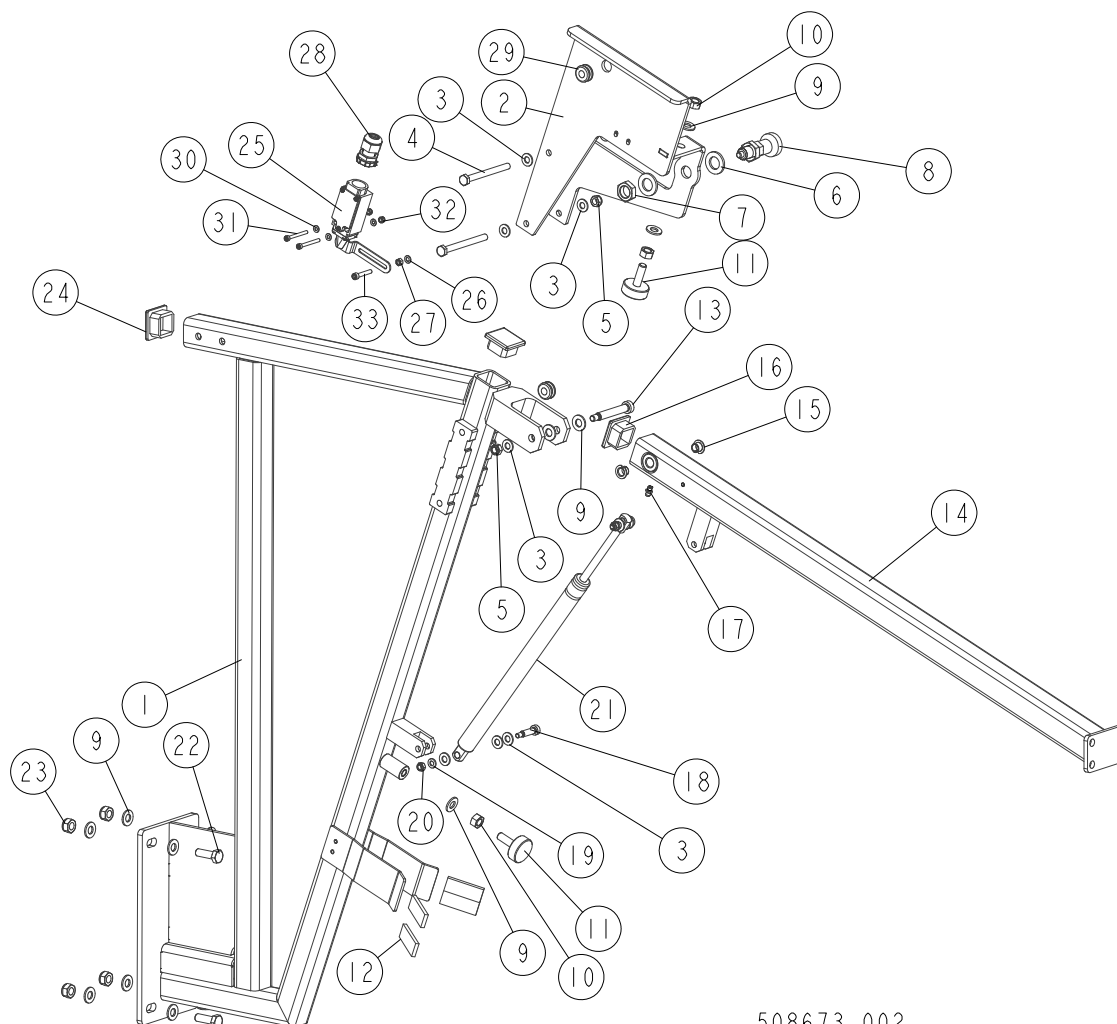
SECTION 4 SIDE FENCE

4.1 Side Fence

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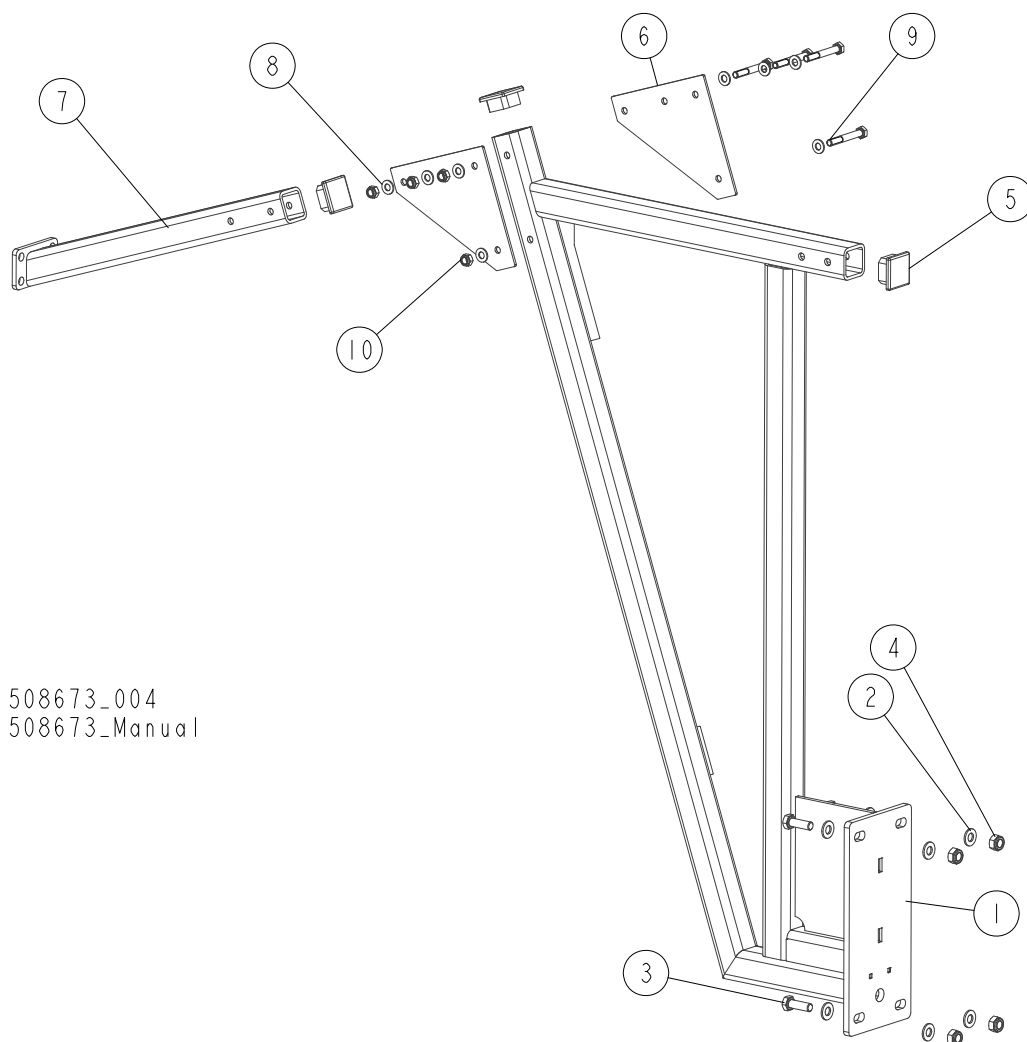
REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART#	QTY	
	FENCE, SHS SIDE - COMPLETE	508673	1	
1	BRACKET, MOVING SIDE FENCE SUPPORT - COMPLETE See Section 4.2	514374	2	
2	BARRIER, SHS SIDE FENCE - COMPLETE See Section 4.4	508683	2	
3	BRACKET, FIXED SIDE FENCE SUPPORT - COMPLETE See Section 4.3	514375	2	
4	BRACKET, CONNECTION	515252-1	2	
5	WASHER, 8.4 FLAT ZINC	F81054-1	16	
6	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	8	
7	BOLT, M8X60 8.8 HEX HEAD ZINC	F81002-54	8	

4.2 Moving Side Fence Support Bracket

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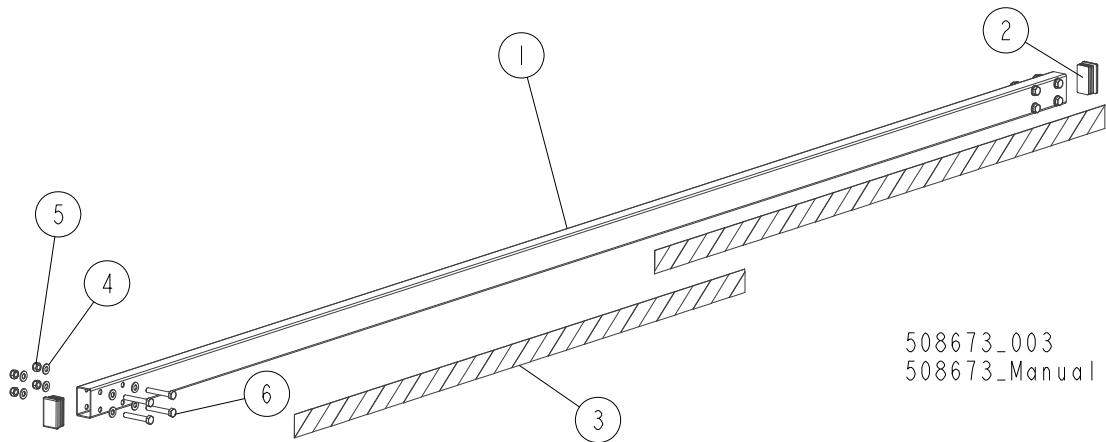
REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART#	QTY	
	BRACKET, MOVING SIDE FENCE SUPPORT - COMPLETE	514374	1	
1	BRACKET, MOVING SIDE FENCE SUPPORT	508674-1	1	
2	BRACKET, LIMIT SWITCH MOUNT	099470-1	1	
3	WASHER, 8.4 FLAT ZINC	F81054-1	11	
4	BOLT, M8X90-8.8 HEX HEAD FULL THREAD ZINC	F81002-16	2	
5	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	3	
6	WASHER, 17 SPLIT LOCK ZINC	F81058-1	2	
7	NUT, M16X1.5-08-B THIN ZINC	F81036-6	1	
8	PIN, 45308DNW DETENT	089939	1	
9	WASHER, 10.5 FLAT ZINC	F81055-1	14	
10	NUT, M10 8 HEX ZINC	F81033-3	3	
11	FOOT, M10	092839	2	
12	WASHER, 20X50X5 FELT	515215	4	
13	BOLT, 10/M8X60-12.9 ISO7379/BN1359 BOSSARD SHOULDER	F81003-79	1	

REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART#	QTY	
	ARM, SIDE FENCE MOVING - COMPLETE	508682	1	
14	ARM, SIDE FENCE MOVING	508680-1	1	
15	BEARING, TUF1 10.090 (CX) SLIDE	099074	2	
16	CAP, 40X40X(3-4) MOSS TUBE END	097480	1	
17	FITTING, M6 STRAIGHT GREASE	086280	1	
18	BOLT, 8/M6X25-12.9 ISO 7379 SHOULDER	F81001-47	2	
19	WASHER, 6.4 FLAT ZINC	F81053-1	2	
20	NUT, M6-8-B HEX NYLON ZINC LOCK	F81031-2	2	
21	SPRING, MS10-1-1F-1F-1000-100-460 GAS (EUROTECHNIKA)	099446	1	
22	BOLT, M10X30 5.8 HEX HEAD FULL THREAD ZINC	F81003-2	4	
23	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	4	
24	CAP, 40X40X(3-4) MOSS TUBE END	097480	2	
25	SWITCH, GSCA 01S1 LIMIT	088407	1	
26	WASHER, 5.3 FLAT ZINC	F81052-1	1	
27	NUT, M5 8 HEX ZINC	F81030-1	1	
28	GLAND, PG13.5 CABLE	086524	1	
29	GROMMET, 3/8" ID RUBBER	025248	3	
30	WASHER, 4.3 FLAT ZINC	F81051-2	4	
31	SCREW, M4X40 8.8 HEX SOCKET HEAD CAP ZINC	F81011-37	2	
32	NUT, M4-8 HEX NYLON ZINC LOCK	F81029-1	2	
33	SCREW, M5X30 5.8 HEX SOCKET HEAD CAP ZINC	F81000-71	1	

4.3 Fixed Side Fence Support Bracket

REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART#	QTY	
	BRACKET, FIXED SIDE FENCE SUPPORT - COMPLETE	514375	1	
1	BRACKET, FIXED SIDE FENCE SUPPORT	508686-1	1	
2	WASHER, 10.5 FLAT ZINC	F81055-1	8	
3	BOLT, M10X30 5.8 HEX HEAD FULL THREAD ZINC	F81003-2	4	
4	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	4	
5	CAP, 40X40X(3-4) MOSS TUBE END	097480	3	
6	PLATE, CONNECTION	514532-1	2	
7	TUBE, FENCE BARRIER MOUNT	518519-1	1	
8	WASHER, 8.4 FLAT ZINC	F81054-1	8	
9	BOLT, M8X60 8.8 HEX HEAD ZINC	F81002-54	4	
10	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	4	

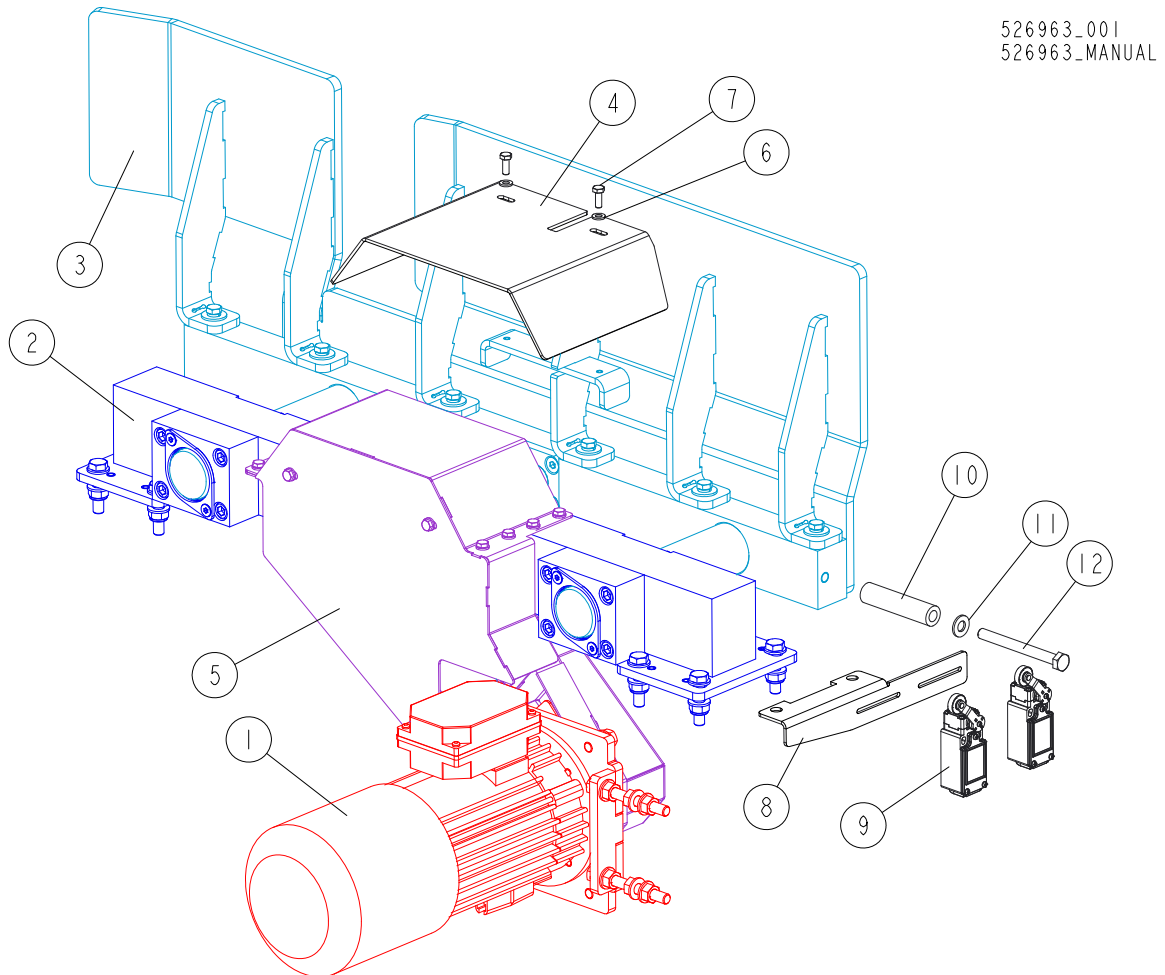
4.4 Side Fence Barrier



REF.	DESCRIPTION (◆ Indicates Parts Available in Assemblies Only)	PART#	QTY	
	BARRIER, SHS SIDE FENCE - COMPLETE	508683	1	
1	TUBE, SIDE FENCE BARRIER	508684-1	1	
2	CAP, 50X30 GR 1-3 #111366 TUBE END	095919	2	
3	DECAL, L=1200 BLACK & YELLOW WARNING	508685	2	
4	WASHER, 8.4 FLAT ZINC	F81054-1	16	
5	NUT, M8 8 HEX NYLON ZINC LOCK	F81032-2	8	
6	BOLT, M8X50-8.8 HEX HEAD FULL THREAD ZINC	F81002-19	8	

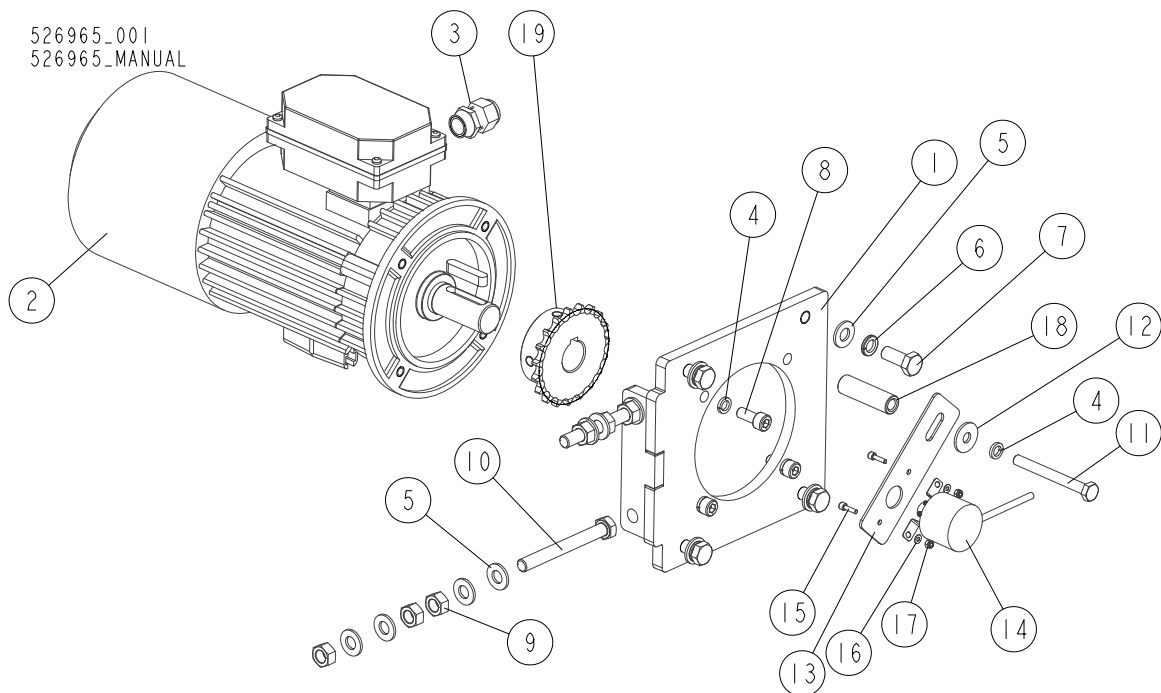
SECTION 5 LOG GUIDE PLATE W/DRIVE

5.1 Log Guide Plate Assembly



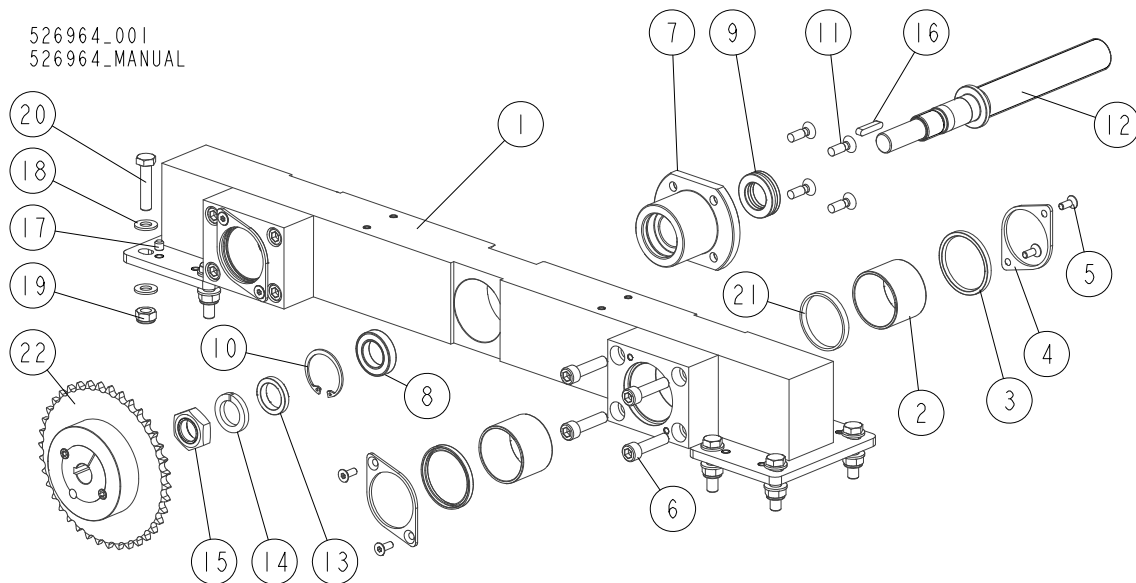
REF.	DESCRIPTION (* Indicates Parts Available in Assemblies Only)	PART #	QTY	
-	PLATE ASSEMBLY, LOG GUIDE	526963	1	
1	MOTOR ASSEMBLY, SHS SLP2-001 See Section 5.2	526965	1	
2	BEAM, FIXED - COMPLETE See Section 5.3	526964	1	
3	BEAM, MOVING - COMPLETE See Section 5.4	510400	1	
4	GUARD, UPPER	510458-1	1	
5	GUARD SET See Section 5.5	526976	1	
6	WASHER, 6.4 FLAT ZINC	F81053-1	2	
7	BOLT, M6X16-8.8 HEX HEAD FULL THREAD ZINC	F81001-15	2	
8	PLATE, LIMIT SWITCH MOUNT	526992-1	1	
9	SWITCH, GLCB01A1B LIMIT	100931	2	
10	BUSHING, SPACER	526993-1	1	
11	WASHER, 10.5 FLAT ZINC	F81055-1	1	
12	BOLT, M10X100-8.8 HEX HEAD ZINC	F81003-52	1	

5.2 Motor Assembly



REF.	DESCRIPTION (* Indicates Parts Available in Assemblies Only)	PART #	QTY	
-	MOTOR ASSEMBLY, SHS SLP2-001	526965	1	
1	PLATE WELDMENT, MOTOR MOUNT	510418-1	1	
2	MOTOR, SKH90-8L1 HPS 0.55KW, 680 r.p.m. 400V	098891	1	
3	GLAND, DW11/H CABLE	085388	1	
4	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	4	
5	WASHER, 10.5 FLAT ZINC	F81055-1	12	
6	WASHER, Z 10.2 SPLIT LOCK ZINC	F81055-2	4	
7	BOLT, M10X25 8.8 HEX HEAD FULL THREAD ZINC	F81003-11	4	
8	SCREW, M8X20-8.8 HEX SOCKET HEAD CAP ZINC	F81002-30	3	
9	NUT, M10 8 HEX ZINC	F81033-3	6	
10	BOLT, M10X90-8.8 HEX HEAD FULL THREAD ZINC	F81003-90	2	
11	BOLT, M8X75-8.8 HEX HEAD ZINC	F81002-91	1	
12	WASHER, ISO 7093-1-8-200 HV-A2E	F81054-11	1	
-	PLATE ASSEMBLY, ENCODER MOUNT	526972	1	
13	PLATE, ENCODER MOUNT	526969-1	1	
14	ENCODER, TRD-SH360-BD	069845	1	
15	SCREW, M3X12-8.8 PN-EN ISO 4762 HEX SOCKET HEAD CAP ZINC	F81011-30	2	
16	WASHER, 3.2 FLAT ZINC	F81050-2	2	
17	NUT, M3-6 HEX NYLON ZINC LOCK	F81028-2	2	
18	BUSHING, ENCODER SPACER	526973	1	
19	SPROCKET, Z=19/08B-1/24 T72527 HABERKORN	526985	1	

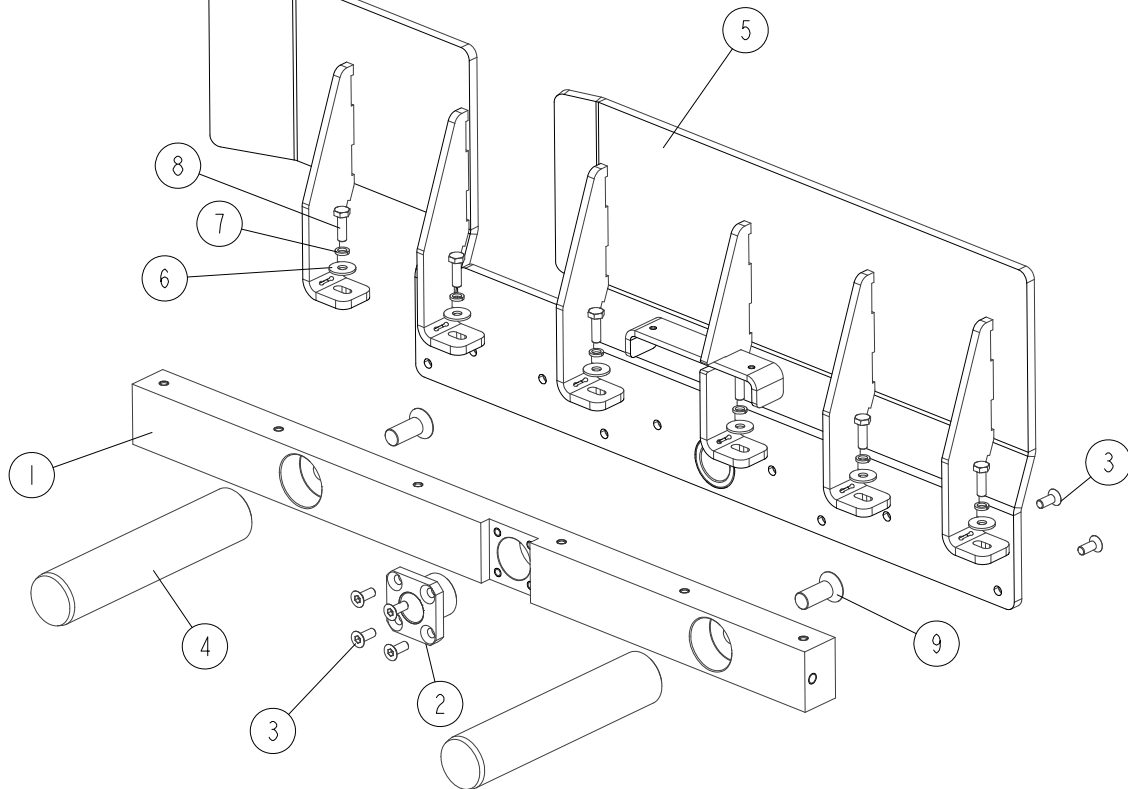
5.3 Fixed Beam Assembly



REF.	DESCRIPTION (* Indicates Parts Available in Assemblies Only)	PART #	QTY
-	BEAM, FIXED - COMPLETE	526964	1
1	BEAM WELDMENT, FIXED	510395-1	1
2	BUSHING, 5040BS SELF-LUBRICATING	088660	4
3	WIPER, ZZ-50X60X7	088587	4
4	FLANGE, WIPER	510409-1	4
5	SCREW, M6X16-10.9 DIN7991 FLAT SOCKET HEAD CAP ZINC	F81001-55	8
6	SCREW, M10X40-8.8 HEX SOCKET HEAD CAP ZINC	F81003-22	8
-	SLEEVE W/BEARINGS - COMPLETE	510471	1
7	SLEEVE	510470	1
8	BEARING, 61905 2RS ROLLING (COMPLEX)	099037	1
9	BEARING, 51105 CX BALL THRUST	510473	1
10	RING, W42 INSIDE RETAINING	F81090-51	1
11	WKREŹ ZE ŁBEM STOŹK. M8X25-5.8 CROSS RECESSED FLAT HEAD ZINC	F81002-51	4
12	SHAFT, DRIVE	526968	1
13	WASHER, 25.5/29-8 FLANGE 35-5.5	510415-1	1
14	WASHER, Z 24.5 SPLIT LOCK ZINC	F81061-4	1
15	NUT, M24-04-B ZINC	F81039-3	1
16	KEY, A6X6X30	094245	1
17	SCREW, M8X8-33H GEOMET HEX SOCKET SET W/FLAT POINT	F81014-1	8
18	WASHER, 10.5 FLAT ZINC	F81055-1	16
19	NUT, M10-8-B HEX NYLON ZINC LOCK	F81033-1	8
20	BOLT, M10X45 HEX HEAD FULL THREAD ZINC	F81003-3	8
21	BUSHING, 50.5/54.9-6	510469-1	2
22	SPROCKET, Z=38/08B-1/19 (T43987+T31100)	526967	1

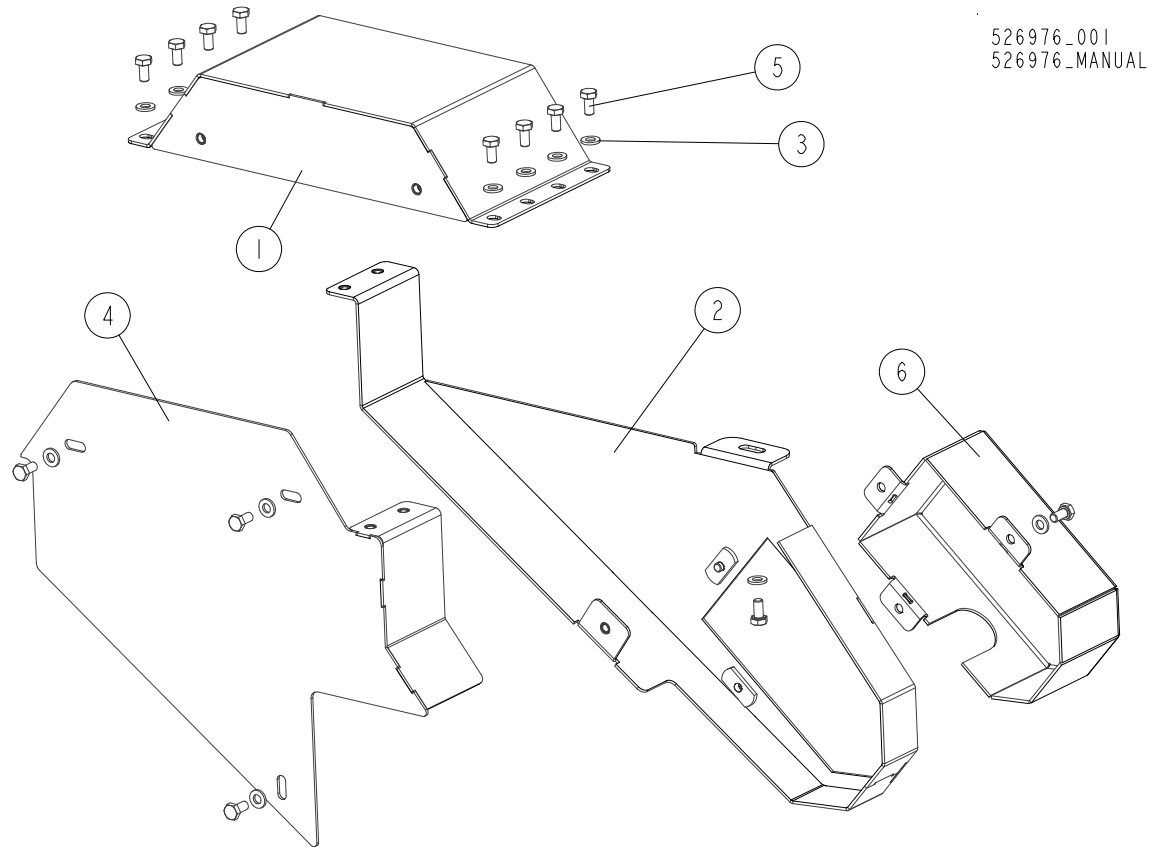
5.4 Moving Beam Assembly

510400_001
510400_MANUAL



REF	DESCRIPTION (* Indicates Parts Available in Assemblies Only)	PART #	QTY	
-	BEAM, MOVING - COMPLETE	510400	1	
1	BEAM, MOVING	510398-1	1	
2	BUSHING, THREADED	510396	1	
3	SCREW, M8X20-10.9 DIN7991 FLAT SOCKET HEAD CAP ZINC	F81002-113	14	
4	ROD, N50	510401	2	
5	PLATE WELDMENT, LOG GUIDE	510196-1	1	
6	WASHER, ISO 7093-1-8-200 HV-A2E	F81054-11	6	
7	WASHER, 8.2 SPLIT LOCK ZINC	F81054-4	6	
8	BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC	F81002-5	6	
9	SCREW, M16X40-10.9 DIN7991FLAT SOCKET HEAD CAP ZINC	F81006-53	2	

5.5 Guards



REF.	DESCRIPTION (* Indicates Parts Available in Assemblies Only)	PART #	QTY	
-	GUARD SET	526976	1	
1	GUARD WELDMENT, PULLEY UPPER	510460-1	1	
2	GUARD, CHAIN REAR	526975-1	1	
3	WASHER, 6.4 FLAT ZINC	F81053-1	15	
4	GUARD, BELT FRONT	510486-1	1	
5	BOLT, M6X12 8.8 HEX HEAD FULL THREAD ZINC	F81001-7	15	
6	GUARD, ENCODER	526977-1	1	