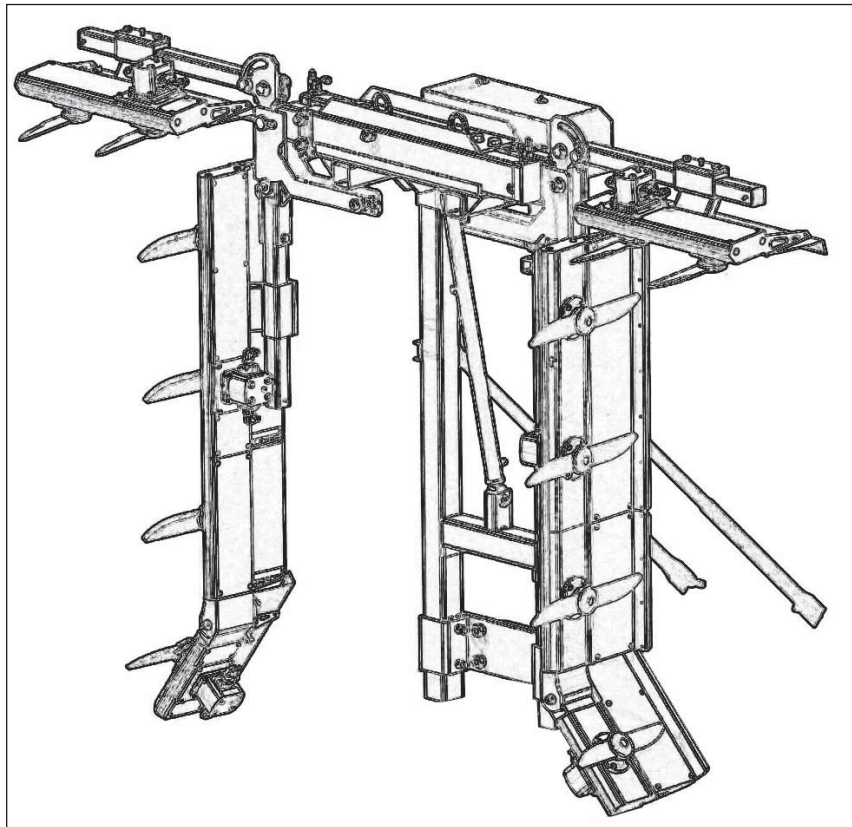




COLLARD®

VINE TRIMMERS



Parts Manual For P2200S Code #0113 2950 Reinforced Frame - w/Skirts

Marketed by:



13477 Benson Ave. • Chino, CA • Ph: 909/548-4848 • Fax: 909/548-4747

In this catalog you will find this descriptive for each reference mark:

 = **Part** - Refer to the reference number to find the part number.

 = **Assembly (Set of Parts)** - Refer to the reference number and the number of the "PL" where this set of parts is detailed.

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1 INTRODUCTION

Congratulations on your selection of a Collard Vine Trimmer.

HISTORY

The COLLARD family has been servicing grape growers for 5 generations. Andre Collard invented the first mechanical vine trimmer in 1962. Since that development COLLARD has made numerous improvements and continues to be the world leader in trimmers.

QUALITY CONTROL

Every stage in the production process is controlled to guarantee superior quality. After final assembly, each machine is run through a detailed test where everything is checked - rotation speed, operating pressure, hydraulic cylinders, flow rates, etc. All this is done to insure that every machine leaving the factory is in perfect working order.



1.1 OPERATOR'S RESPONSIBILITY

Safe, efficient and trouble free operation of your Vine Trimmer requires that you and anyone else who will be operating or maintaining the machine, read and understand the Safety, Installation, Operation, Maintenance, and Troubleshooting information contained within the Operator's Manual.

Keep this manual handy for frequent reference and to pass on to new operators or owners. Call your tractor dealer if you need assistance, information or additional copies of the manuals.

OPERATOR ORIENTATION - The directions left, right, front and rear, as mentioned throughout this manual, are as seen from the driver's seat and facing in the direction of travel.

NAME: _____

PURCHASED FROM: _____

DATE OF PURCHASE: _____

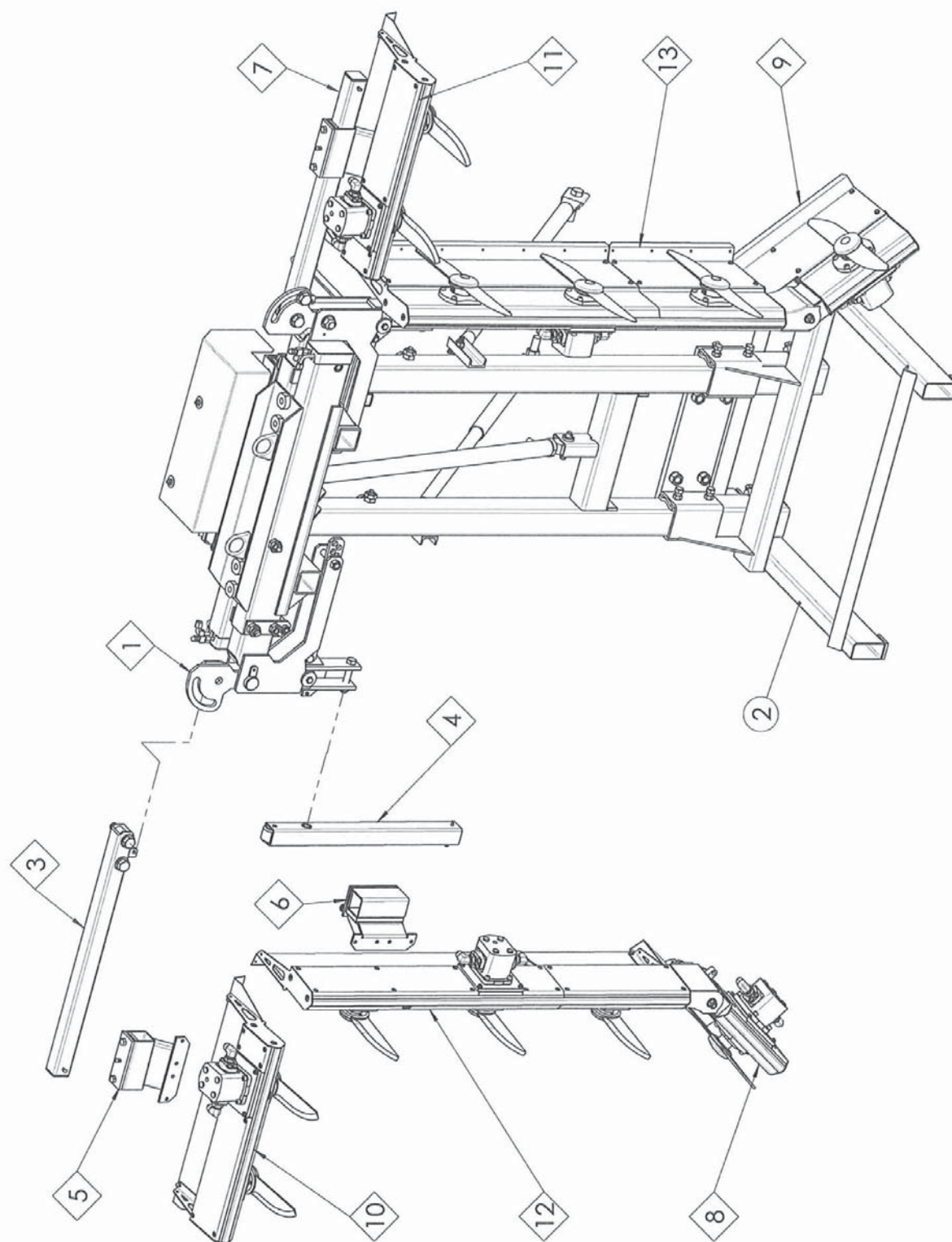
CODE NUMBER: _____

SERIAL NUMBER: _____

2 SPARE PARTS - FRAMES

2.1 P2200 REINFORCED FRAME - CODE #0113 1901

PL 4579



2 SPARE PARTS - FRAMES

2.1 P2200 REINFORCED FRAME (CONTINUED)

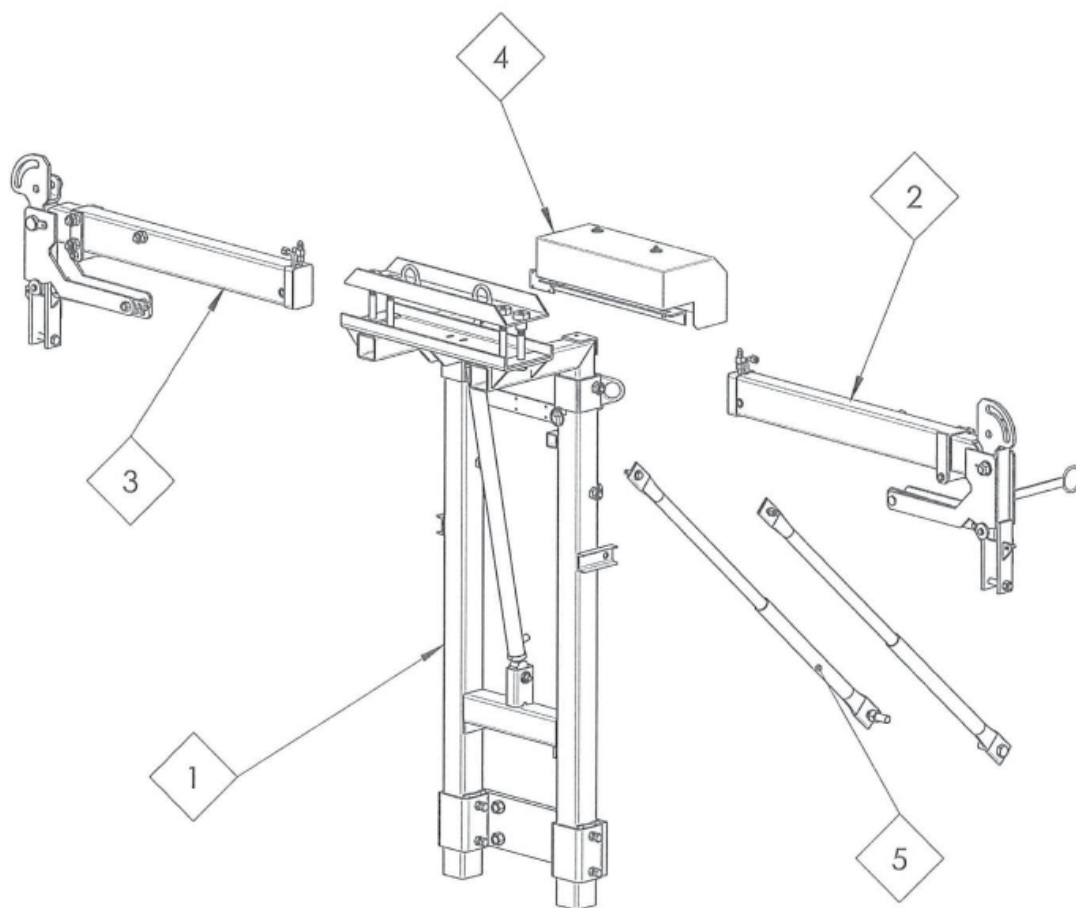
PL 4579

<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	01131901	Complete Reinforced Frame	PL 4581 - Pg 4
2	1	00006410	Storage Support	
3	1	00523321	Complete Higher Arm RH	PL 2253 - Pg 12
4	2	00523311	Complete Vertical Arm	PL 2258 - Pg 13
5	2	01050179	Complete Top Support	PL 4128 - Pg 14
6	2	01050207	Complete Adjustable Vertical Support	PL 4129 - Pg 15
7	1	00523325	Complete Higher Arm LH	PL 2253 - Pg 12
8	1	00002361	Skirting Element LH "S" w/12cc Motor	PL 4713 - Pg 24
9	1	00002360	Skirting Element RH "S" w/12cc Motor	PL 4712 - Pg 23
10	1	00001890	30.7" RH 2 Blade Cut. Element	PL 3552 - Pg 27
11	1	00001881	30.7" LH 2 Blade Cut. Element	PL 3602 - Pg 28
12	1	00001905	51" RH 3 Blade Cut. Element	PL 3686 - Pg 18
13	1	00001906	51" LH 3 Blade Cut. Element	PL 3688 - Pg 20

2 SPARE PARTS - FRAMES

2.2 COMPLETE REINFORCED FRAME - CODE 0113 1901

PL 4581

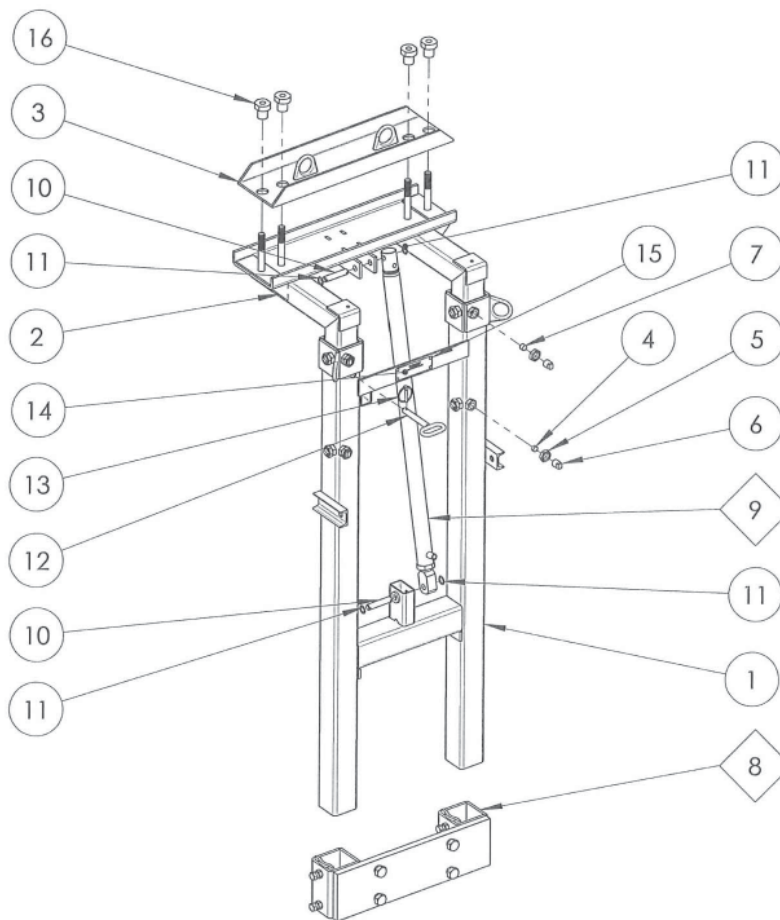


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	01131902	Vertical Reinforced Frame Unit	PL 4582 - Pg 5
2	1	01131360	Horizontal Large Frame LH	PL 3751 - Pg 7
3	1	01131351	Horizontal Large Frame RH	PL 3750 - Pg 6
4	1	01131363	Hyd. System Support & Protection	PL 4216 - Pg 39
5	1	00040900	Braces	PL 2261 - Pg 8

2 SPARE PARTS - FRAMES

2.3 VERTICAL REINFORCED FRAME - CODE 0113 1902

PL 4582

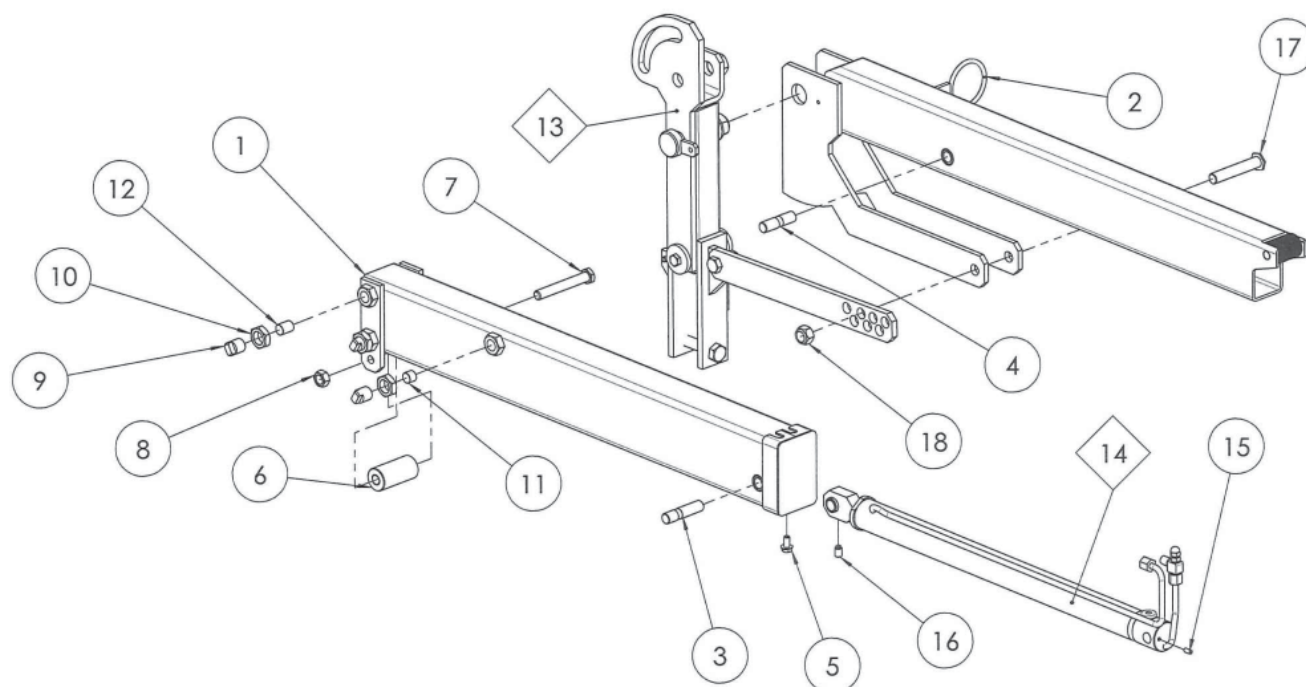


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	00495015	Large, High Female Frame	
2	1	00495014	Reinforced Male Frame	
3	1	01131903	Large Frame Back Stay	
4	4	05014309	Plastic Plug Ø16	
5	8	05011208	Nut Hu M20 Zn	
6	8	05010814	Screw M20	
7	4	05014316	Plastic Plug Ø16 - 13 mm	
8	1	00001596	Large Low Fixing	PL 2673 - Pg 9
9	1	05019644	Cylinder Ø35-25, Stroke = 800mm	PL 1621 - Pg 30
10	2	00495017	Round Ø16	
11	4	05014320	Washer Self Locking Ø16	
12	1	05016218	Spindle Ø16 x 115	
13	1	05014050	Bolt Pin Ø6 Zn	
14	1	05016066	Identity Plate	
15	4	05011650	Rivet POP Ø4 x 8	
16	4	01131362	Tightening Plug	

2 SPARE PARTS - FRAMES

2.4 HORIZONTAL LARGE FRAME RH - CODE 0113 1351 (WITH CYLINDER STROKE 500 MM)

PL 3750

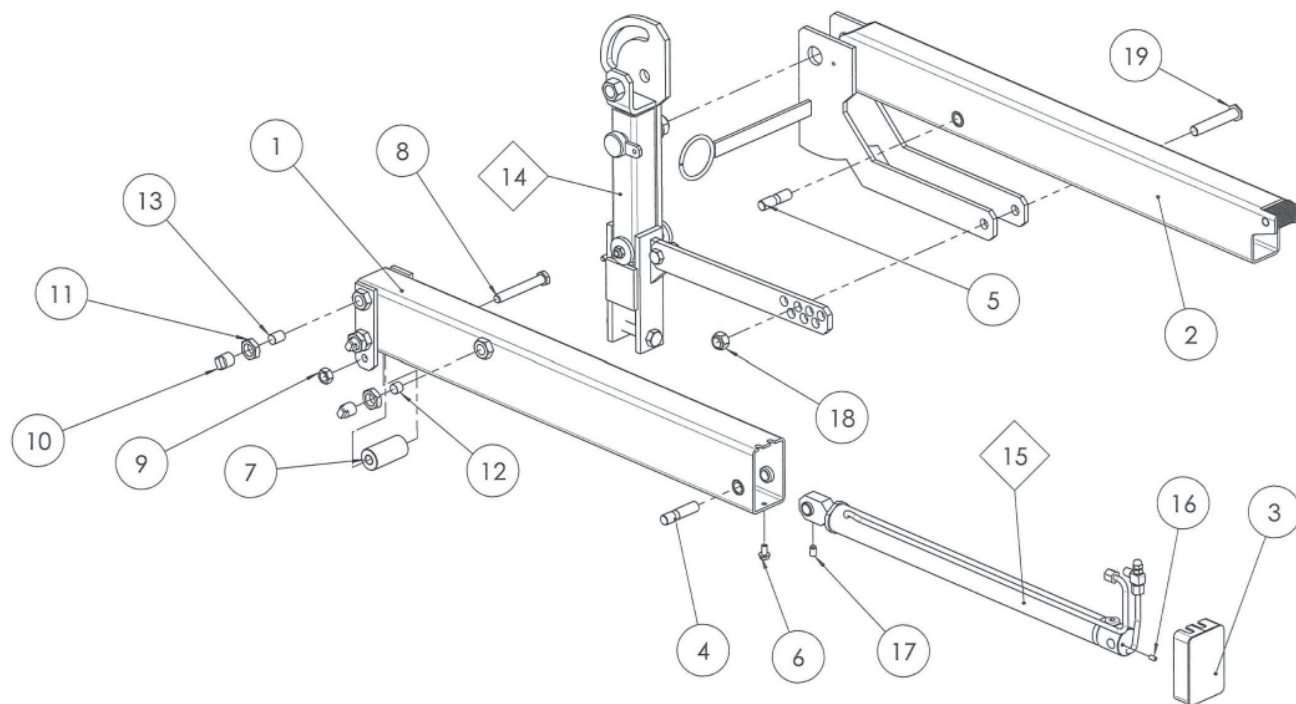


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY</u>
1	1	01131352	Female Tube	
2	1	01131355	Male Tube	
3	1	01131358	Axle Lg. 700 mm	
4	1	01131359	Axle Lg. 60 mm	
5	1	05011877	Screw Tensilok M8 x 16	
6	1	00480440	Roller Steel With Ring	
7	1	00480422	Axle	
8	1	05011202	Nut H M 14	
9	3	05010814	Screw M20	
10	3	05011208	Nut Hu M 20 Zn	
11	1	05014316	Plastic Plug Ø16 - 13 mm	
12	2	05014317	Plastic Plug Ø16 ep 22	
13	1	01130166	Support For Cross Slope RH	PL 3753 - Pg 11
14	1	05019977	Cylinder DE 35-18 Stroke = 500mm	PL 3754 - Pg 29
15	1	05010800	Screw Hc M6 x 12	
16	1	05010802	Screw Hc M10 x 15	
17	1	00201341	Screw	
18	1	05014307	Lock Nut M16	
19	1	01380028	Cover Plate	

2 SPARE PARTS - FRAMES

2.5 HORIZONTAL LARGE FRAME LH - CODE 0113 1360 (WITH CYLINDER STROKE 500 MM)

PL 3751

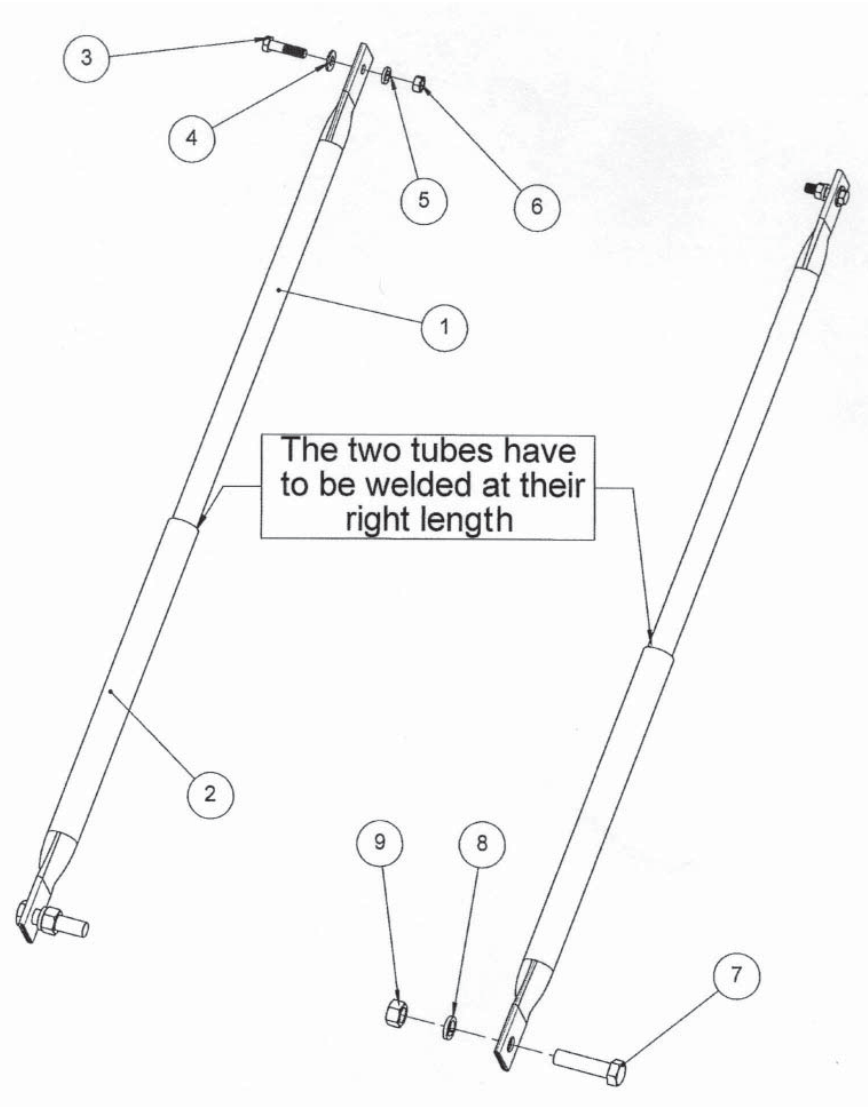


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	01131352	Female Tube	
2	1	01131364	Male Tube	
3	1	01131366	Cover Plate	
4	1	01131358	Axle Lg. 700 mm	
5	1	01131359	Axle Lg. 60 mm	
6	1	05011877	Screw Tensilok M8 x 16	
7	1	00480440	Roller Steel With Ring	
8	1	00480422	Axle	
9	1	05011202	Nut H M 14	
10	3	05010814	Screw M20	
11	3	05011208	Nut Hu M 20 Zn	
12	1	05014316	Plastic Plug Ø16 - 13 mm	
13	2	05014317	Plastic Plug Ø16 ep 22	
14	1	01130170	Support For Cross Slope LH	PL 3755 - Pg 10
15	1	05019977	Cylinder DE 35-18 Stroke = 500mm	PL 3754 - Pg 29
16	1	05010800	Screw Hc M6 x 12	
17	1	05010802	Screw Hc M10 x 15	
18	1	05014307	Lock Nut M16	
19	1	00201341	Screw	

2 SPARE PARTS - FRAMES

2.6 BRACES - CODE #0004 0900

PL 2261

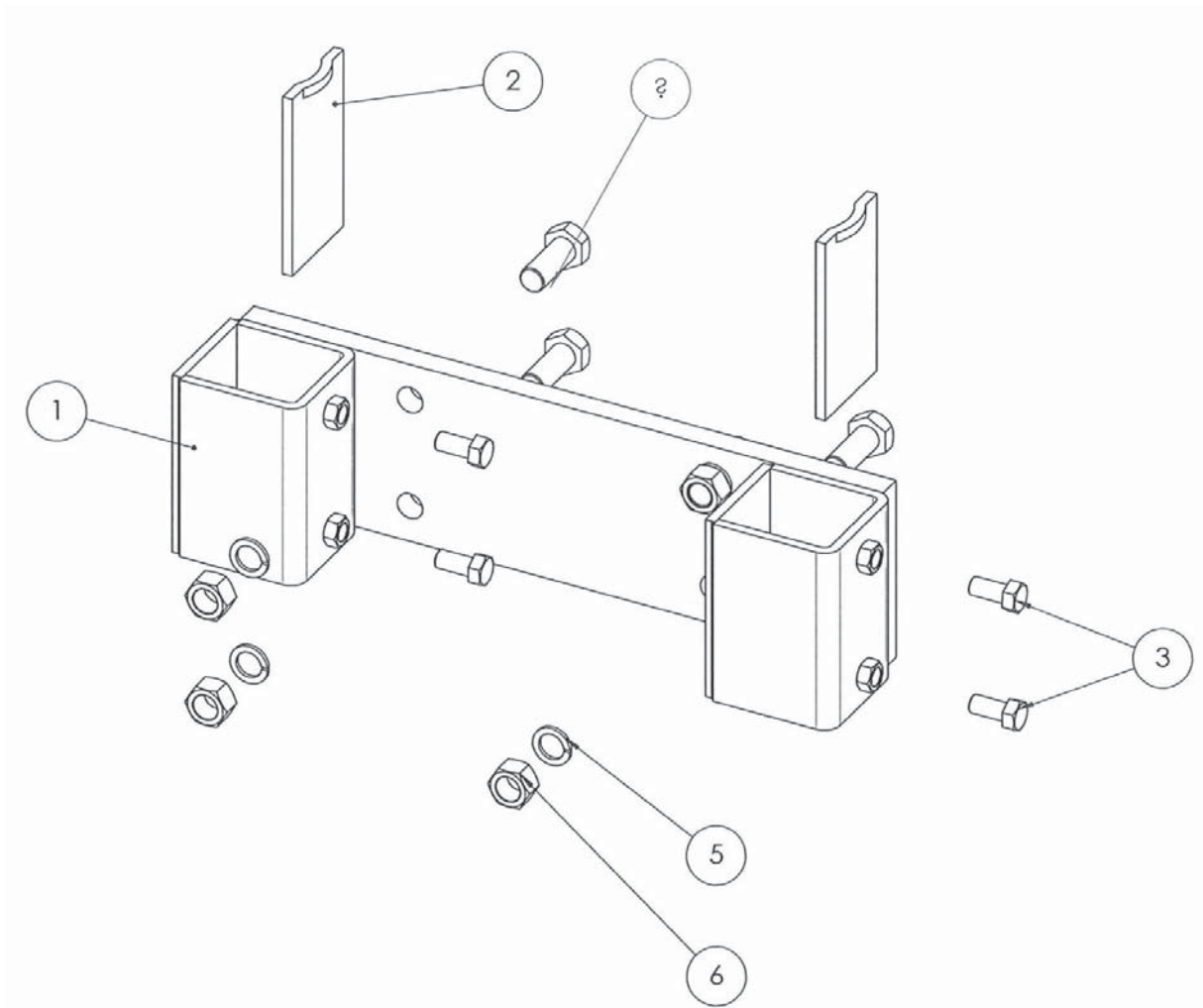


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	2	00040516	Tube
2	2	00040515	Tube
3	2	05010042	Screw H M12 x 50
4	2	05015009	Washer M12 Zn
5	2	05015316	Washer W 12
6	2	05011203	Nut Hu 12 Zn
7	2	05010014	Screw TH M20 x 60
8	2	05015315	Washer W 20
9	2	05011200	Nut M20 Hu

2 SPARE PARTS - FRAMES

2.7 LOWER FIXING - CODE #0000 1596

PL 2673

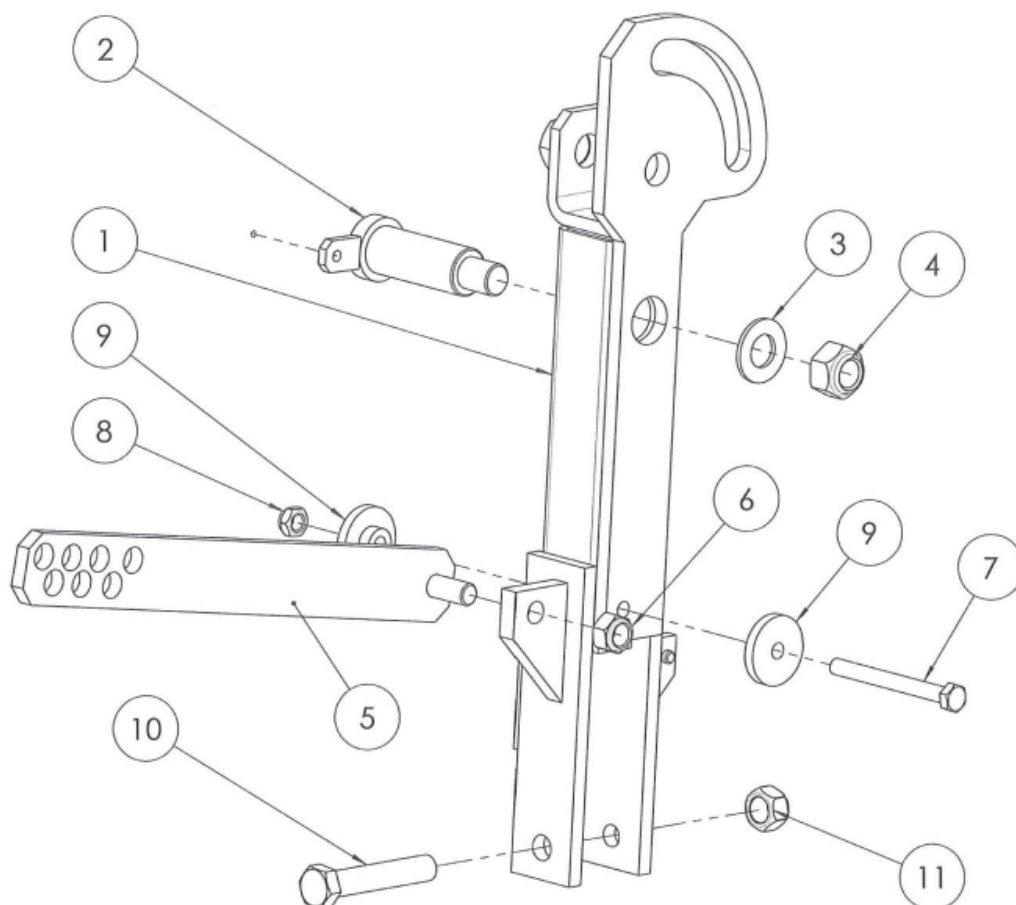


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	00495025	Fixing
2	2	05029742	Back Stay
3	4	05010038	Screw H M14 x 30
4	2	05010043	Screw TH M20 x 50 Zn
5	2	05015315	Washer W20
6	2	05011200	Nut H M20 Zn

2 SPARE PARTS - FRAMES

2.8 SUPPORT FOR CROSS SLOPE LH - CODE 0113 0170

PL 3755

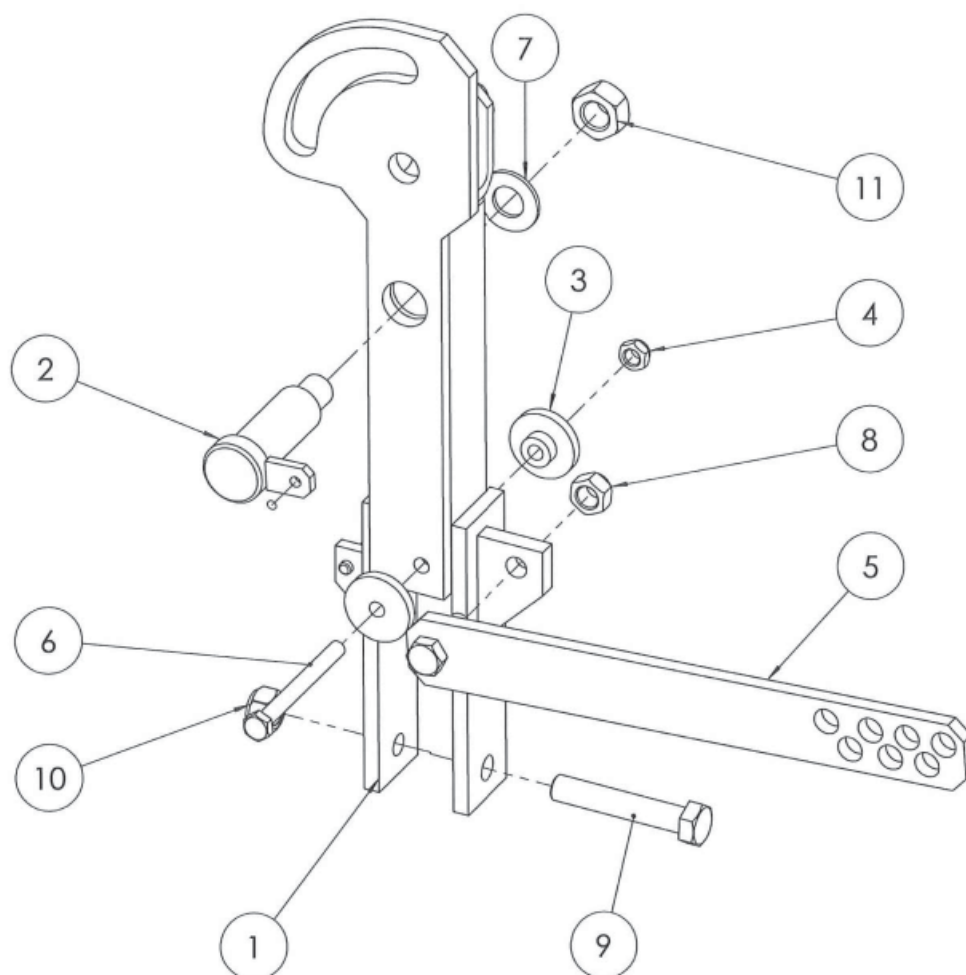


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	00201324	Support For Anti-Shock Arm LH
2	1	01130161	Axle
3	1	05015022	Washer M20 Zn
4	1	05014301	Self Braking Nut M20
5	1	00201319 BIS	Plate
6	1	05014305	Brake Nut M14
7	1	05010056	Screw TH M10 x 100 Zn
8	1	05014311	Nut M 10
9	2	00201327	Holding Washer
10	1	05010001	Screw TH M16 x 90 Zn
11	1	05014307	Lock Nut M16

2 SPARE PARTS - FRAMES

2.9 SUPPORT FOR CROSS SLOPE RH - CODE 0113 0166

PL 3753

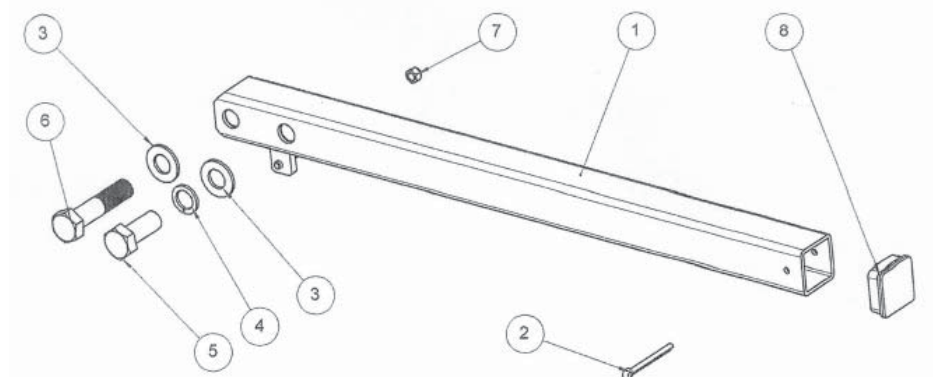


REF #	QTY.	PART NO.	DESCRIPTION
1	1	00201324 BIS	Support For Anti-Shock Arm RH
2	1	01130161	Axle
3	2	00201327	Holding Washer
4	1	05014311	Nut M 10
5	1	00201319 BIS	Plate
6	1	05010056	Screw TH M10 x 100 Zn
7	1	05015022	Washer M20 Zn
8	1	05014305	Brake Nut M14
9	1	05010001	Screw TH M16 x 90 Zn
10	1	05014307	Lock Nut M16
11	1	05014301	Self Braking Nut M20

2 SPARE PARTS - FRAMES

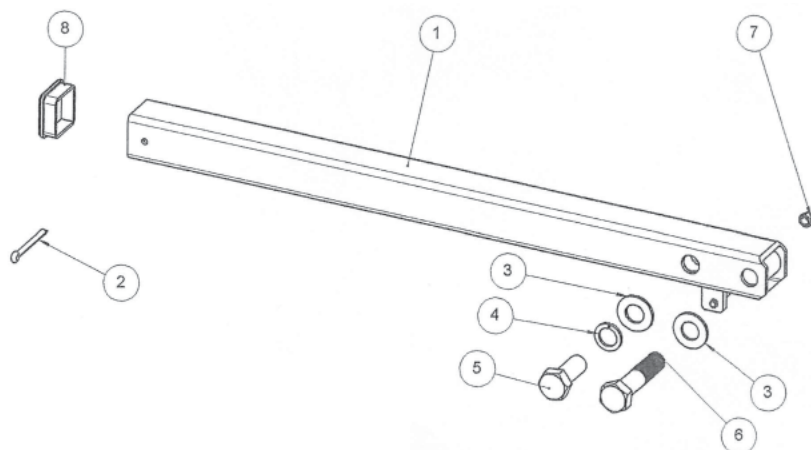
2.10 LEFT TOP ARM - CODE 0052 3325

PL 2253



REF #	QTY.	PART NO.	DESCRIPTION
1	1	00523324	Top Arm
2	1	05014112	Pin V 6 x 70
3	2	05015022	Washer M 20 Zn
4	1	05015315	Washer W 20
5	1	05010043	Screw TH M20 x 50 Zn
6	1	05010013	Screw TH M20 x 90 Zn
7	1	05014306	Self Braked Nut M8
8	1	05017869	Tap For Square Tube 50 x 50 x 5

RIGHT TOP ARM - CODE 0052 3321

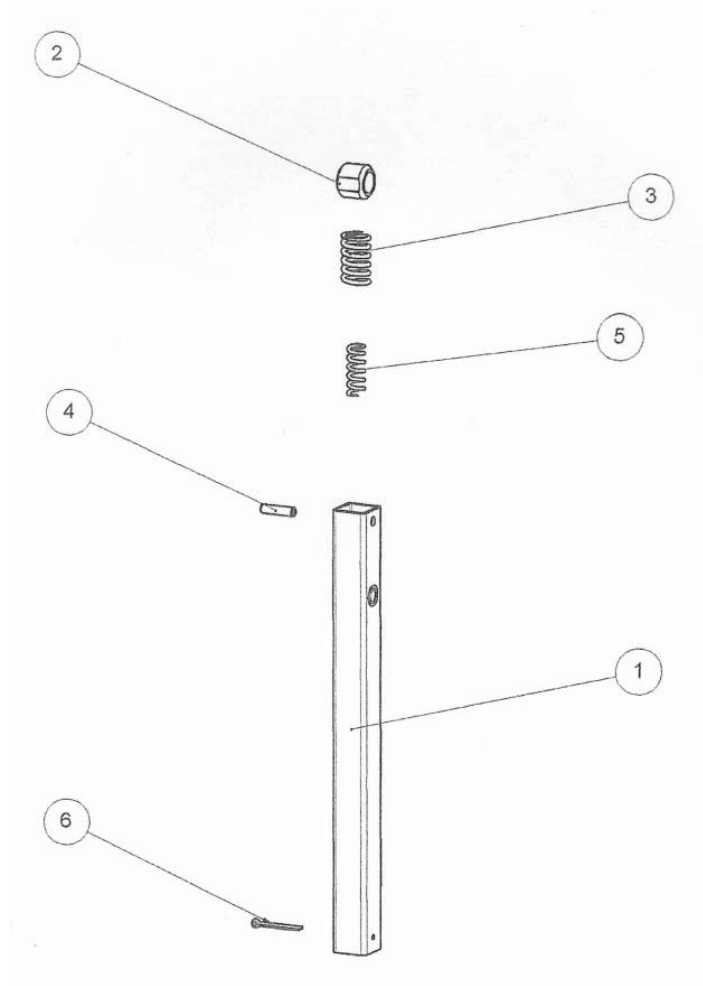


REF #	QTY.	PART NO.	DESCRIPTION
1	1	00523303	Top Arm
2	1	05014112	Pin V 6 x 70
3	2	05015022	Washer M 20 Zn
4	1	05015315	Washer W 20
5	1	05010043	Screw TH M20 x 50 Zn
6	1	05010013	Screw TH M20 x 90 Zn
7	1	05014306	Self Braked Nut M8
8	1	05017869	Tap For Square Tube 50 x 50 x 5

2 SPARE PARTS - FRAMES

2.11 RETRACTABLE ARM - CODE 0052 3311

PL 2258

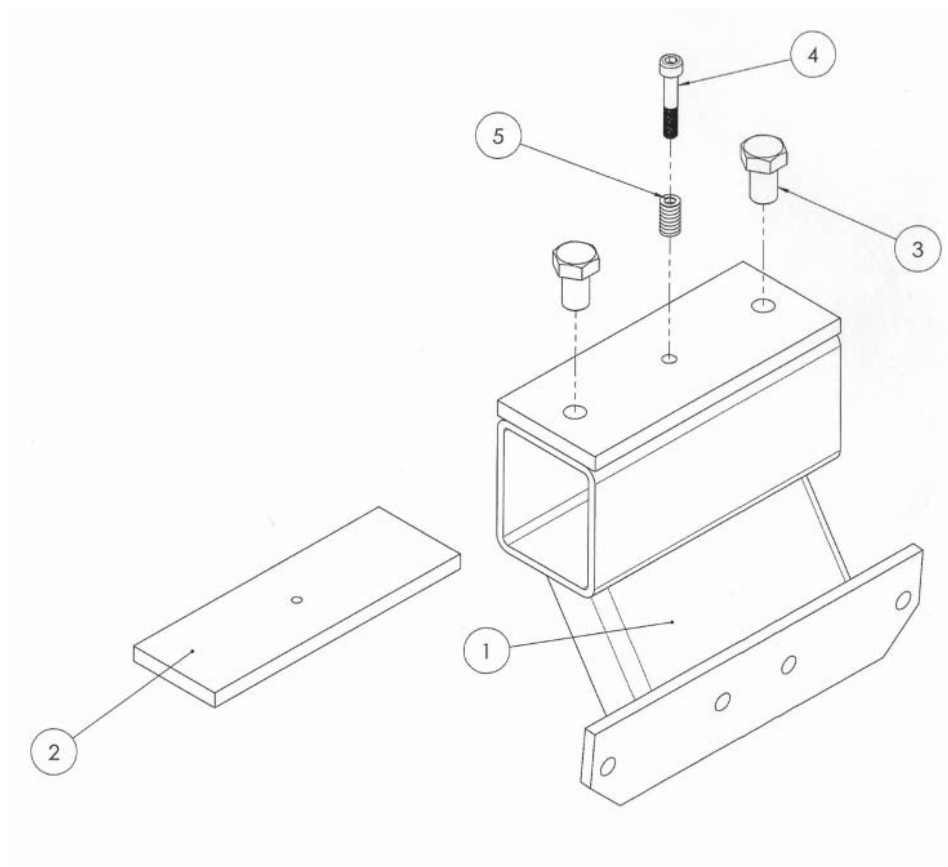


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	00523304	Vertical Retractable Arm
2	1	00480020	Tube Ø45 x 28
3	1	05011966	Compression Spring
4	1	05014081	Elastic Bolt Pin Ø12 x 50
5	1	05011973	Compression Spring
6	1	05014112	Bolt Pin V 6 x 70

2 SPARE PARTS - FRAMES

2.12 TOP ELEMENT SUPPORT - CODE 0105 0179

PL 4128

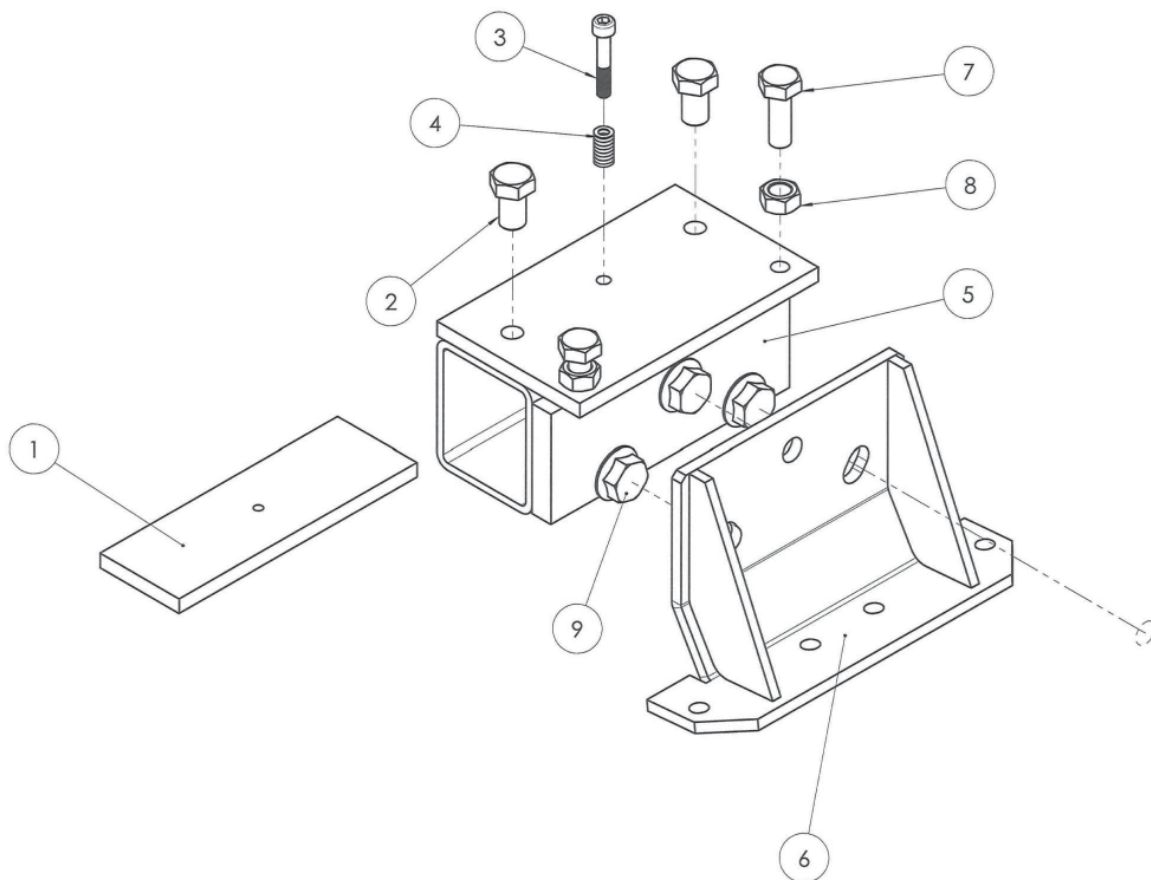


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	01050119	Top Support
2	1	05029543	Attachment Wedge
3	2	05010007	Screw TH M12 x 20 Zn
4	1	05010942	Screw CHC M6 x 35
5	1	05011954	Compressing Spring

2 SPARE PARTS - FRAMES

2.13 SUPPORT FOR VERTICAL ELEMENT - CODE 0105 0207

PL 4129

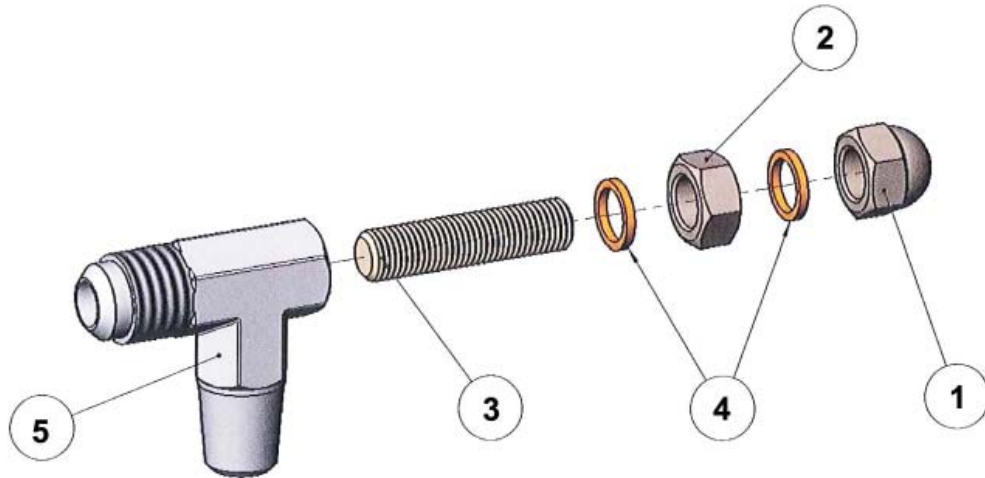


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	05029543	Attachment Wedge
2	2	05010007	Screw TH M12 x 20 Zn
3	1	05010942	Screw CHC M6 x 35
4	1	05011954	Compressing Spring
5	1	01050206	Flange
6	1	01050208	Adjustable Support Of Vertical Element
7	2	05010025	Screw TH M10 x 30
8	2	05011305	Nut M10 Hu
9	3	05011871	Screw Tensilok M12 x 20 Zn

2 SPARE PARTS - FRAMES

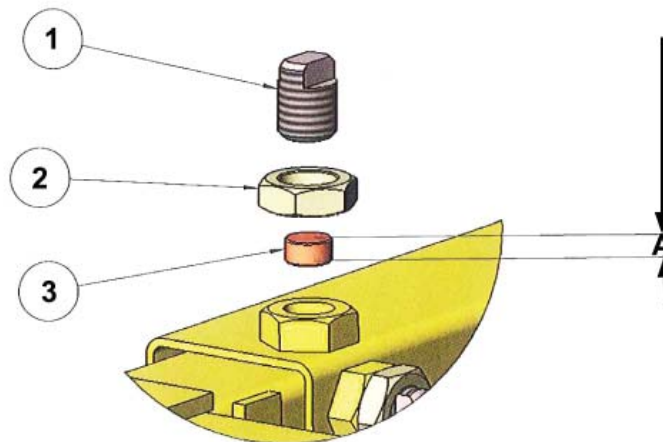
2.14 COMPLETE ANGLE BRAKE ASSY - CODE 0500 9086

PL 4365



<u>REF.</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	05011204	Nut M8
2	1	05011206	Nut M8 Hu
3	1	05010830	Screw STHC M8 x 35
4	2	05002009	Joint Ø8.2 x 11.2 x 1
5	1	05009081	Angle 9/16" JIC

Adjustment of the feeding flow on cylinder



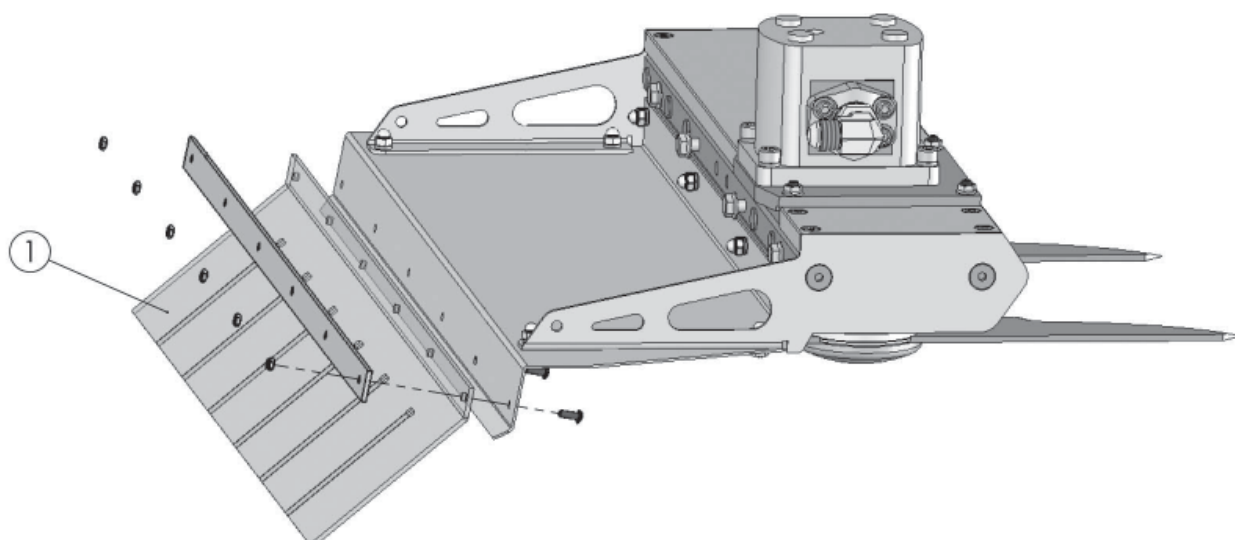
<u>REF.</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	0501 0814	Screw M20
2	1	0501 1208	Nut HM20 Zn
3	1	0501 4315	Plastic Plug - A = 4mm
3	1	0501 4309	Plastic Plug - A = 8mm
3	1	0501 4316	Plastic Plug - A = 12mm
3	1	0501 4314	Plastic Plug - A = 16mm

Adjustment of play on sliding tube

2 SPARE PARTS - FRAMES

2.15 UPPER ELEMENT PLASTIC PROTECTION

PL 3665

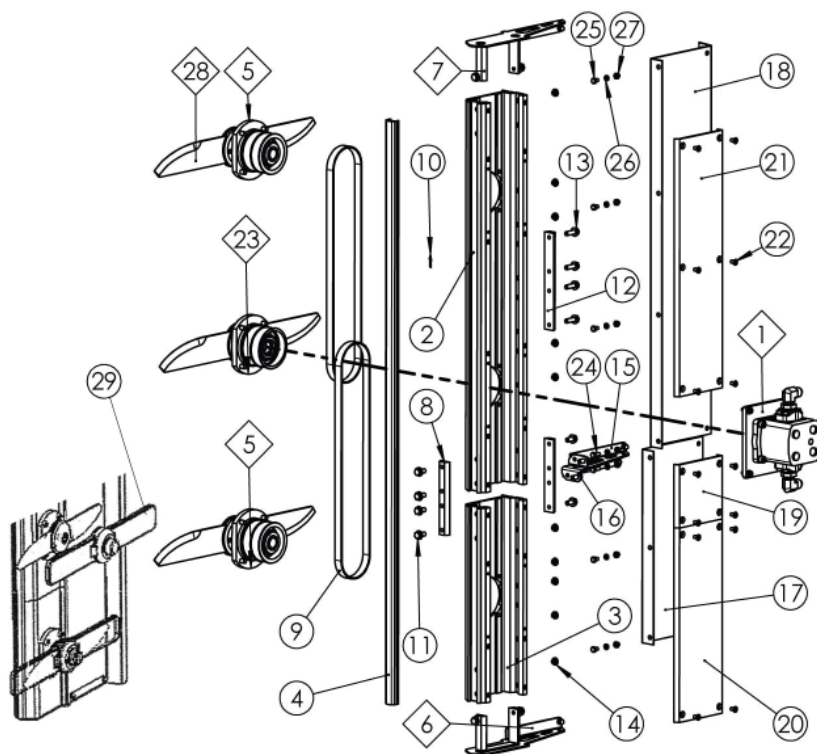


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
	1	0000 2079	Complete Kit Consisting of: 1 ea. Plastic Protection 1 ea. Fixation Plate 7 ea. Bolts M4 x 10 7 ea. Nuts M4
1	1	0105 0140	Replacement Plastic Only

3 CUTTING ELEMENTS

3.1 51" CUTTING ELEMENT - CODE 0000 1905

PL 3686



Cutting Height - 51"
12 cc Motor
Position 2
RH Rotation

<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	0105 0132	Motor 12 cc	PL 3564 - Pg 22
2	1	01050046	Aluminum Section 800 mm	
3	1	01050048	Aluminum Section 400 mm	
4	1	01221200	Leading Edge 1200 mm	
5	2	01050130	Blade Assy Long RH	PL 3540 - Pg 31
6	1	01050018	Complete Closing With Screws	PL 3542 - Pg 26
7	1	01050019	Complete Closing With Screws	PL 3542 - Pg 26
8	2	01050077	Junction L=150 mm	
9	2	05028597	Belt S 250 17 x 1039 mm	
10	1	05016072	Adhesive Sticker	
11	6	05011877	Screw Tensilock M8 x 16	
12	1	00420016	Junction L=200 mm	
13	4	05011876	Screw Tensilok M8 x 25 Zn	

3 CUTTING ELEMENTS

3.1 51" CUTTING ELEMENT - CODE 0000 1905 (CONTINUED)

PL 3686

<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
14	10	05017891	Plastic Obturator	
15	1	01050008	Case Reinforcement w/Screws LH	
16	1	01050009	Case Reinforcement w/Screws RH	
17	1	01050097	Blade Case 400 mm	
18	1	01050099	Blade Case 800 mm	
19	1	01050090	Cover 130 mm	
20	1	01050093	Cover 400 mm	
21	1	01050094	Cover 530 mm	
22	14	05010537	Screw FHC M6 x 12	
23	1	01050124	Motor Blade Assy Short RH	PL 3541 - Pg 33
24	2	05010152	Screw TH M6 x 16	
25	5	05010020	Screw TH M6 x 10	
26	7	05015318	Washer W6	
27	7	05011234	Nut M6	
28	3	05030169	S. S. Blade 480 mm EL RH	

SPECIAL NOTE: With every stainless steel blade ordered it is recommended that the following also be ordered:

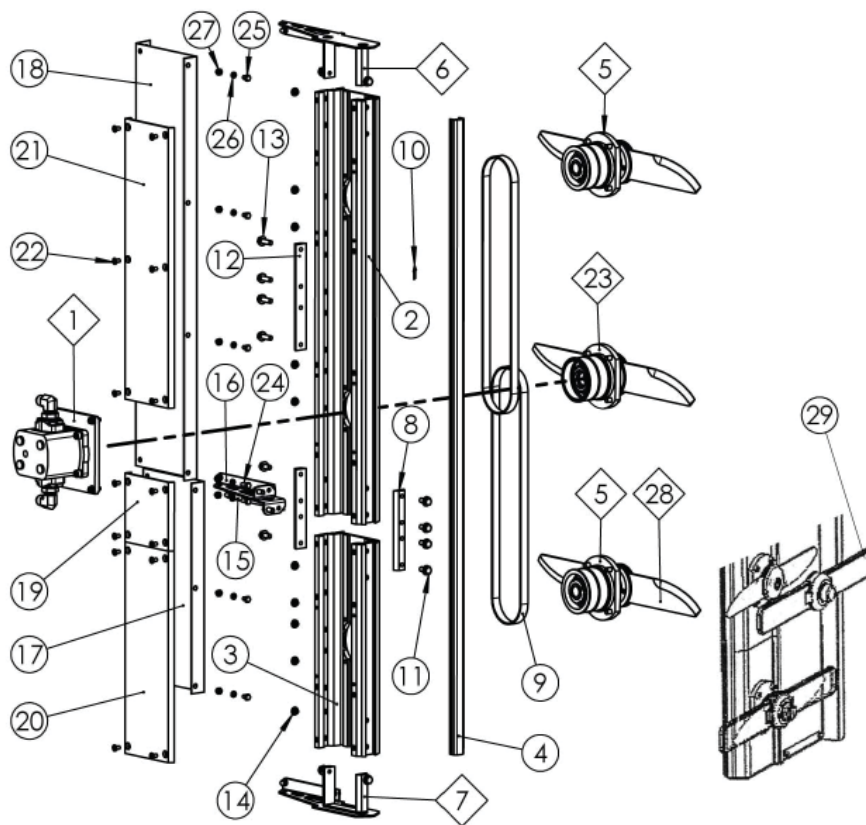
1 ea. 0503-0069 Mounting hardware for 1 blade consisting of:

1 ea. 0501 4311	Locknut M10
1 ea. 0501 7926	Plug
2 ea. 0501 1861	Screw Tensilok M8 x 12

3 CUTTING ELEMENTS

3.2 51" CUTTING ELEMENT - CODE 0000 1906

PL 3688



Cutting Height - 51"
12 cc Motor
Position 2
LH Rotation

<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	0105 0132	Motor 12cc	PL 3564 - Pg 22
2	1	01050046	Aluminum Section 800 mm	
3	1	01050048	Aluminum Section 400 mm	PL 3543 - Pg 32
4	1	01221200	Leading Edge 1200 mm	
5	2	01050129	Blade Assy Long LH	PL 3542 - Pg 26
6	1	01050018	Complete Closing With Screws	PL 3542 - Pg 26
7	1	01050019	Complete Closing With Screws	
8	2	01050077	Junction L=150 mm	PL 3542 - Pg 26
9	2	05028597	Belt S 250 17 x 1039 mm	
10	1	05016072	Adhesive Sticker	
11	6	05011877	Screw Tensilock M8 x 16	

3 CUTTING ELEMENTS

3.2 51" CUTTING ELEMENT - CODE 0000 1906 (CONTINUED)

PL 3688

<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
12	1	00420016	Junction L=200 mm	
13	4	05011876	Screw Tensilok M8 x 25 Zn	
14	10	05017891	Plastic Obturator	
15	1	01050008	Case Reinforcement w/Screws LH	
16	1	01050009	Case Reinforcement w/Screws RH	
17	1	01050097	Blade Case 400 mm	
18	1	01050099	Blade Case 800 mm	
19	1	01050090	Cover 130 mm	
20	1	01050093	Cover 400 mm	
21	1	01050094	Cover 530 mm	
22	14	05010537	Screw FHC M6 x 12	
23	1	01050123	Motor Blade Assy Short LH	PL 3555 - Pg 34
24	2	05010152	Screw TH M6 x 16	
25	5	05010020	Screw TH M6 x 10	
26	7	05015318	Washer W6	
27	7	05011234	Nut M6	
28	3	05030170	S. S. Blade 480 mm EL LH	

SPECIAL NOTE: With every stainless steel blade ordered it is recommended that the following also be ordered:

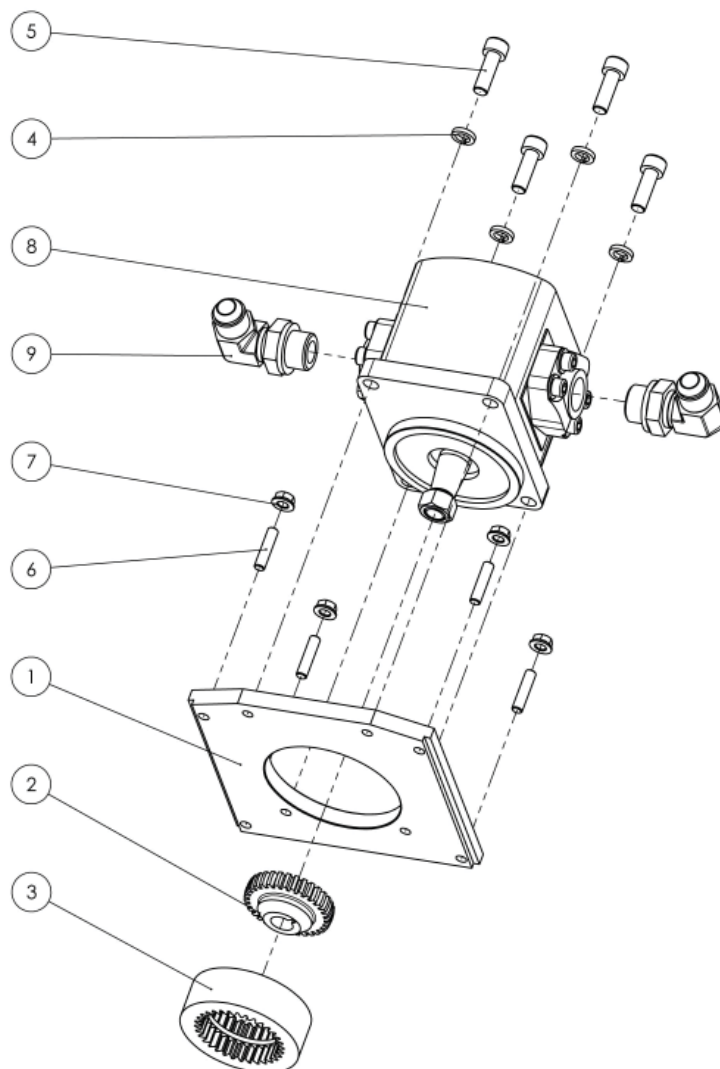
1 ea. 0503-0069 Mounting hardware for 1 blade consisting of:

1 ea. 0501 4311	Locknut M10
1 ea. 0501 7926	Plug
2 ea. 0501 1861	Screw Tensilok M8 x 12

3 CUTTING ELEMENTS

3.3 HYDRAULIC MOTOR 12CC - CODE 0105 0132

PL 3564

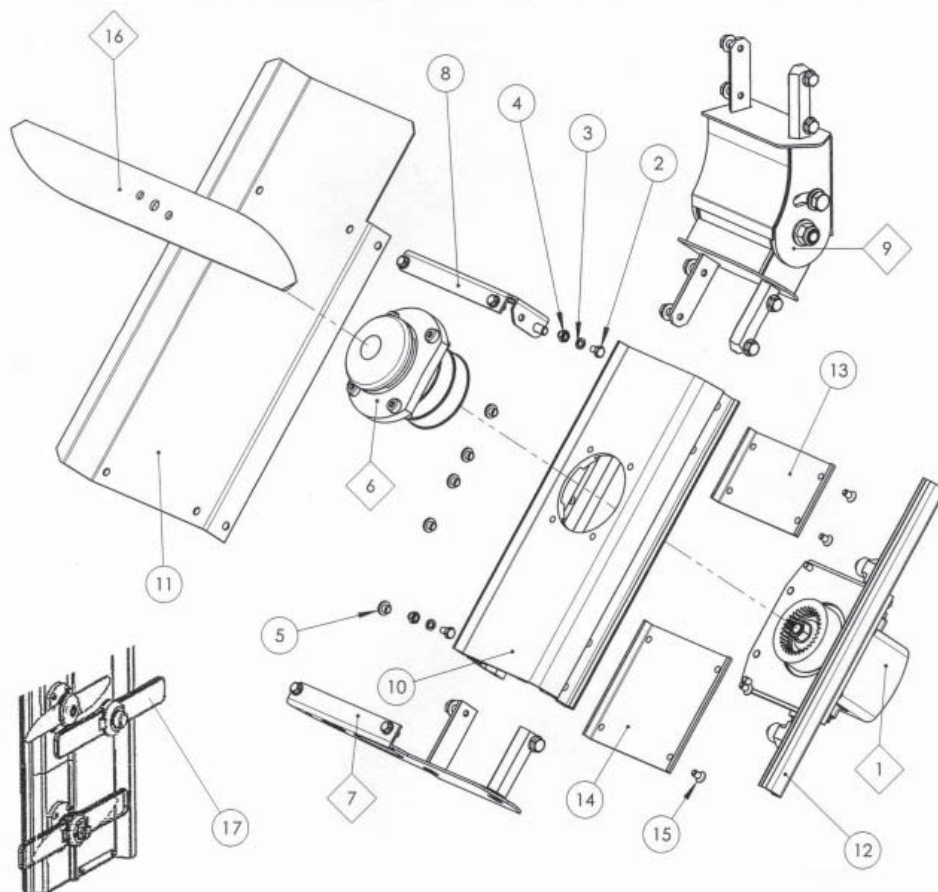


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	01050039	Motor Plate
2	1	01050021	Pinion With Cone
3	1	01050024	Coupling
4	4	05015317	Washer W8
5	4	05010903	Screw CHC M8 x 25
6	4	05011659	Gudgeon M6 x 25
7	4	05011215	Nut Tensilok M6 Zn
8	1	05021061	Hydraulic Motor 12cc
9	2	05006578	Angle MJ 3/4 - MG 1/2 Cyl. With Counter Nut

3 CUTTING ELEMENTS

3.4 SKIRTING ELEMENT RH - CODE 0000 2360

PL 4712

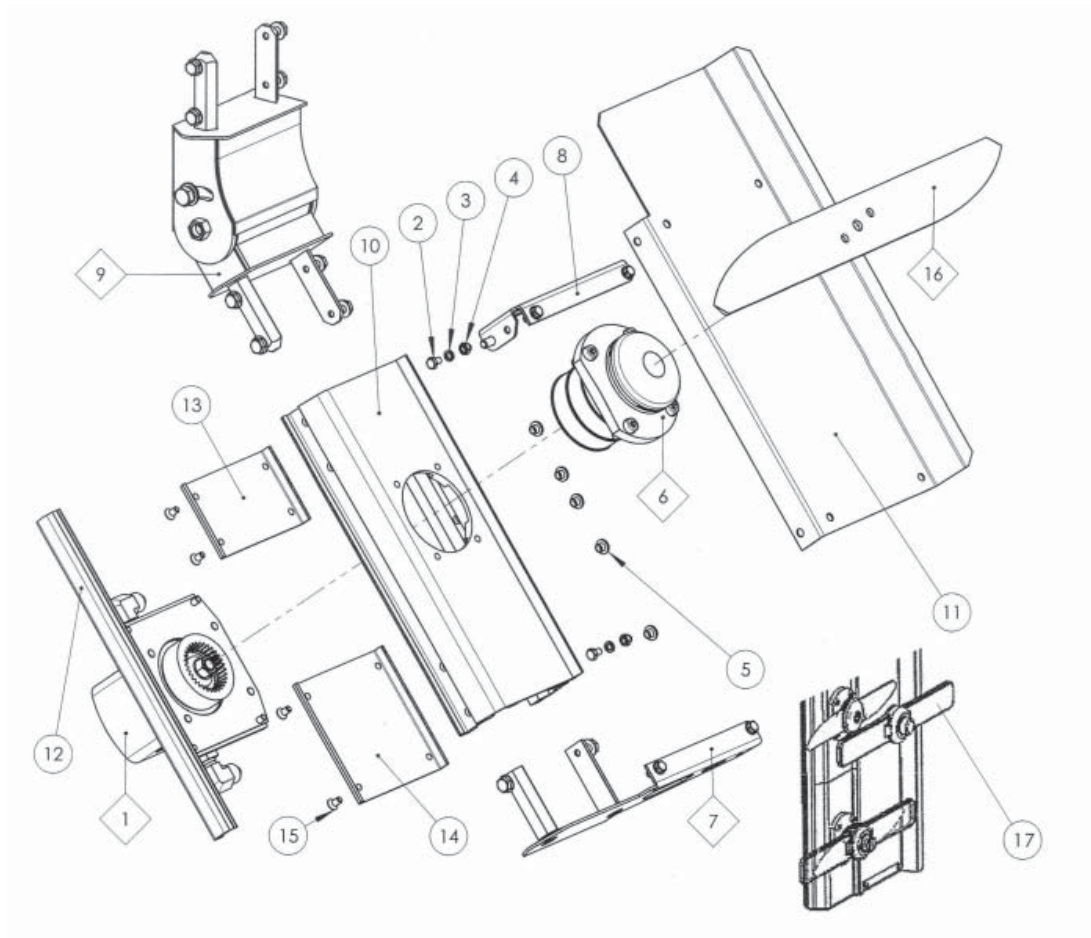


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1		0105 0132	Motor 12cc	PL 3564 - Pg 22
2	2	05010020	Screw TH M6 x 10	
3	2	05015318	Washer W 6	
4	2	05011234	Nut M6	
5	5	05017891	Plastic Obturator	
6	1	01050124	Motor Blade Assy. Short RH	PL 3541 - Pg 33
7	1	01050018	Complete Closing With Screws	PL 3542 - Pg 26
8	1	01050009	Case Reinforcement With Screws RH	
9	1	00940250	Articulation - Motor Skirting Element	PL 4714 - Pg 25
10	1	01050331	Aluminum Section 350 mm	
11	1	01050332	Blade Case 350mm - Skirting Element	
12	1	01220350	Leading Edge 350mm	
13	1	01050074	Cover 80mm	
14	1	01050090	Cover 130mm	
15	8	05010537	Screw FHC M6 x 12	
16	1	05030169	S. S. Blade 480mm EL RH	

3 CUTTING ELEMENTS

3.5 SKIRTING ELEMENT LH - CODE 0000 2361

PL 4713

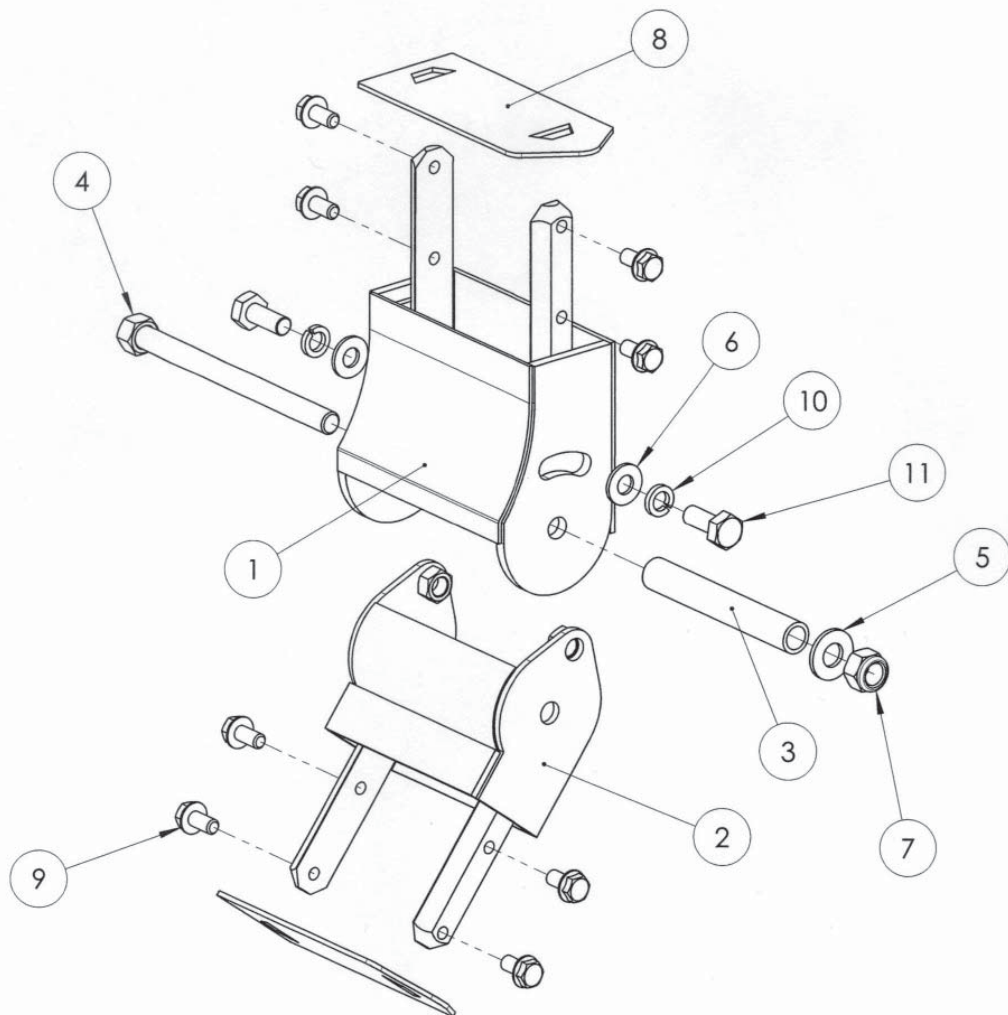


REF #	QTY.	PART NO.	DESCRIPTION	ASSY.
1		0105 0132	Motor 12cc	PL 3564 - Pg 22
2	2	05010020	Screw TH M6 x 10	
3	2	05015318	Washer W 6	
4	2	05011234	Nut M6	
5	5	05017891	Plastic Obturator	
6	1	01050123	Motor Blade Assy. Short LH	PL 3555 - Pg 34
7	1	01050019	Complete Closing With Screws	PL 3542 - Pg 26
8	1	01050008	Case Reinforcement With Screws LH	
9	1	00940250	Articulation - Motor Skirting Element	PL 4714 - Pg 25
10	1	01050331-BIS	Aluminum Section 350 mm	
11	1	01050332-BIS	Blade Case 350mm - Skirting Element	
12	1	01220350	Leading Edge 350mm	
13	1	01050074	Cover 80mm	
14	1	01050090	Cover 130mm	
15	8	05010537	Screw FHC M6 x 12	
16	1	05030170	S. S. Blade 480mm EL LH	

3 CUTTING ELEMENTS

3.6 ARTICULATION SKIRTING ELEMENT - CODE 0094 0250

PL 4714

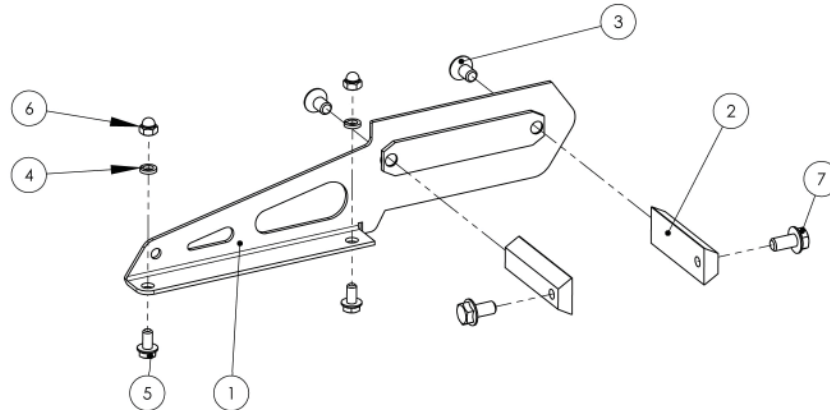


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	00940248	Upper Element	
2	1	00940249	Lower Element	
3	1	00940229	Long Spacer	
4	1	00940211	Roller Axle	
5	1	05015009	Washer M12	
6	2	05015025	Washer M10 Zn	
7	1	05014300	Locknut M12	
8	2	00940251	Closing Element	
9	8	05011877	Screw Tensilok M8 x 16	
10	2	05015313	Washer W 10	
11	2	05010024	Screw TH M10 x 25	

3 CUTTING ELEMENTS

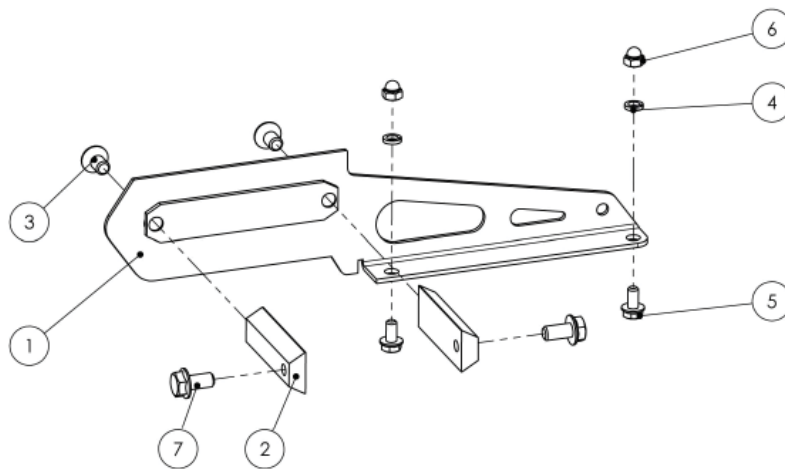
3.7 COMPLETE CLOSING - CODE 0105 0018

PL 3542



<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	01050017	Closing
2	2	01050015	Link Part
3	2	05010501	Screw FHC M8 x 15
4	2	05015318	Washer W6
5	2	05011851	Screw Tensilok M6 x 12 Zn
6	2	05011234	Nut M6
7	2	05011877	Screw Tensilok M8 x 16

COMPLETE CLOSING (SYMMETRICAL) - CODE 0105 0019

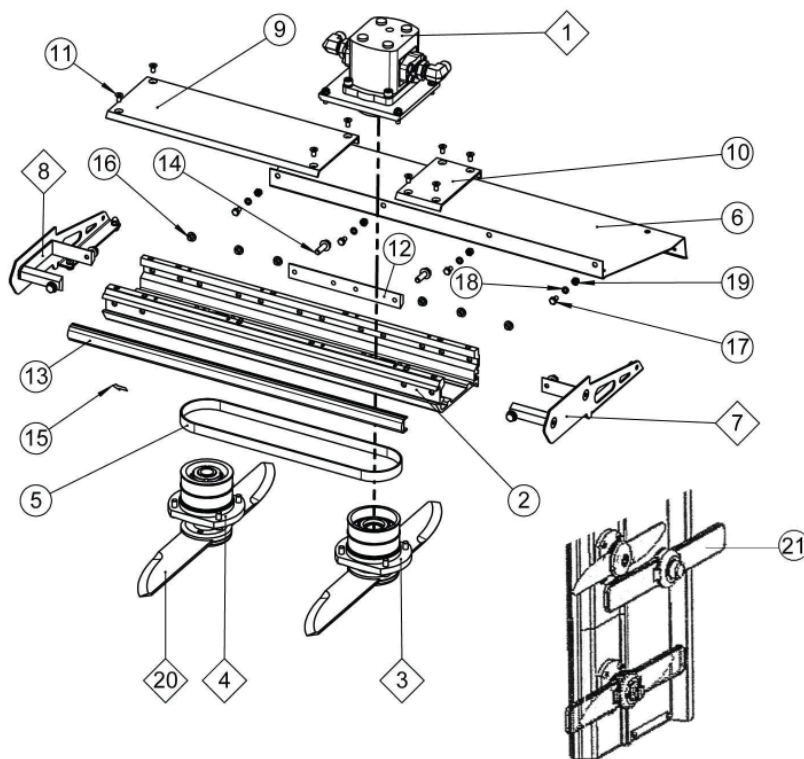


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	01050017-BIS	Closing
2	2	01050015	Link Part
3	2	05010501	Screw FHC M8 x 15
4	2	05015318	Washer W6
5	2	05011851	Screw Tensilok M6 x 12 Zn
6	2	05011234	Nut M6
7	2	05011877	Screw Tensilok M8 x 16

3 CUTTING ELEMENTS

3.8 30.7" CUTTING ELEMENT - CODE 0000 1890

PL 3552



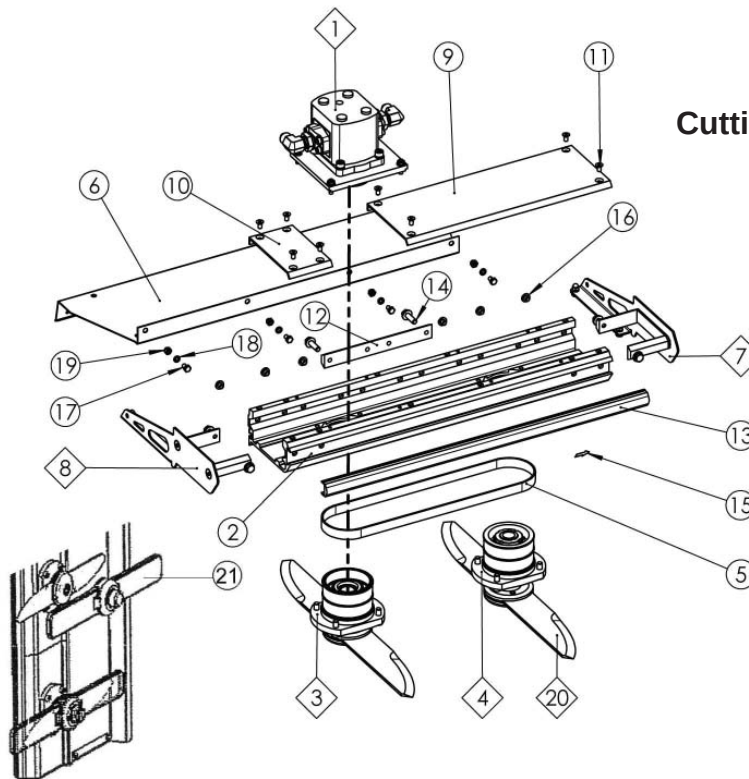
Cutting Length - 30.7"
12 cc Motor
RH Rotation

<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	0105 0132	Motor 12 cc	PL 3564 - Pg 22
2	1	01050045	Aluminum Section 600 mm	
3	1	01050124	Motor Blade Assy Short RH	PL 3541 - Pg 33
4	1	01050130	Blade Assy Long RH	PL 3540 - Pg 31
5	1	05028596	Belt S 250 17 x 842 mm	
6	1	01050096	Blade Case 690 mm	
7	1	01050018	Complete Closing With Screws	PL 3542 - Pg 26
8	1	01050019	Complete Closing With Screws	PL 3542 - Pg 26
9	1	01050091	Cover 380 mm	
10	1	01050074	Cover 80 mm	
11	8	05010537	Screw FHC M6 x 12	
12	1	00420016	Junction L=200 mm	
13	1	01220600	Leading Edge 600 mm	
14	2	05011876	Screw Tensilok M8 x 25 Zn	
15	1	05016072	Adhesive Sticker	
16	6	05017891	Plastic Obturator	
17	4	05010020	Screw TH M6 x 10	
18	4	05015318	Washer W6	
19	4	05011234	Nut M6	
20	2	05030169	S.S. Blade 480 mm EL RH	

3 CUTTING ELEMENTS

3.9 30.7" CUTTING ELEMENT - CODE 0000 1881

PL 3602



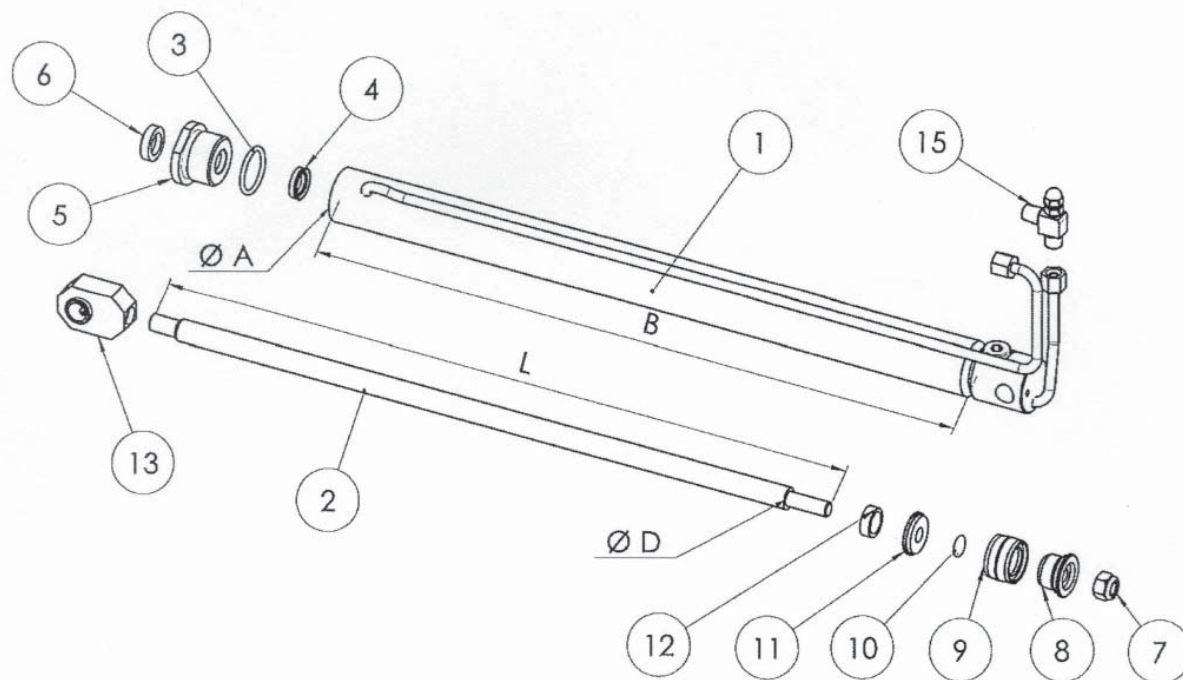
Cutting Length - 30.7"
12 cc Motor
LH Rotation

<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	0105 0132	Motor 12 cc	PL 3564 - Pg 22
2	1	01050045	Aluminum Section 600 mm	
3	1	01050123	Motor Blade Assy Short LH	PL 3555 - Pg 34
4	1	01050129	Blade Assy Long LH	PL 3543 - Pg 32
5	1	05028596	Belt S 250 17 x 842 mm	
6	1	01050096	Blade Case 690 mm	
7	1	01050018	Complete Closing With Screws	PL 3542 - Pg 26
8	1	01050019	Complete Closing With Screws	PL 3542 - Pg 26
9	1	01050091	Cover 380 mm	
10	1	01050074	Cover 80 mm	
11	8	05010537	Screw FHC M6 x 12	
12	1	00420016	Junction L=200 mm	
13	1	01220600	Leading Edge 600 mm	
14	2	05011876	Screw Tensilok M8 x 25 Zn	
15	1	05016072	Adhesive Sticker	
16	6	05017891	Plastic Obturator	
17	4	05010020	Screw TH M6 x 10	
18	4	05015318	Washer W6	
19	4	05011234	Nut M6	
20	2	05030170	S.S. Blade 480 mm EL LH	

3 CUTTING ELEMENTS

3.10 DOUBLE EFFECT CYLINDER 35 - 18 (FOR WIDTH ADJUSTMENT P2200)

PL 3754



REF #	QTY.	PART NO.	DESCRIPTION	ASSY.
1	1	Corps-Body Ø35	Body (See Table Below)	
2	1	Tie-Rod D18	Rod (See Table Below)	
3	1	05001307	O-Ring	
4	1	05000043	Joint	
5	1	05019005	Threaded Base	
6	1	05001002	Joint	
7	1	05014300	Brake Nut M12	
8	1	05019670	Half Piston	
9	1	05000041	Piston Joint	
10	1	05001301	O-Ring R 10	
11	1	05019671	Flask	
12	1	05019004	Flange	
13	1	05019983	Fork	
14	1	05008669	Plug 12 x 17	
15	1	05009030	Angle Elbow	

Dimensions in mm:

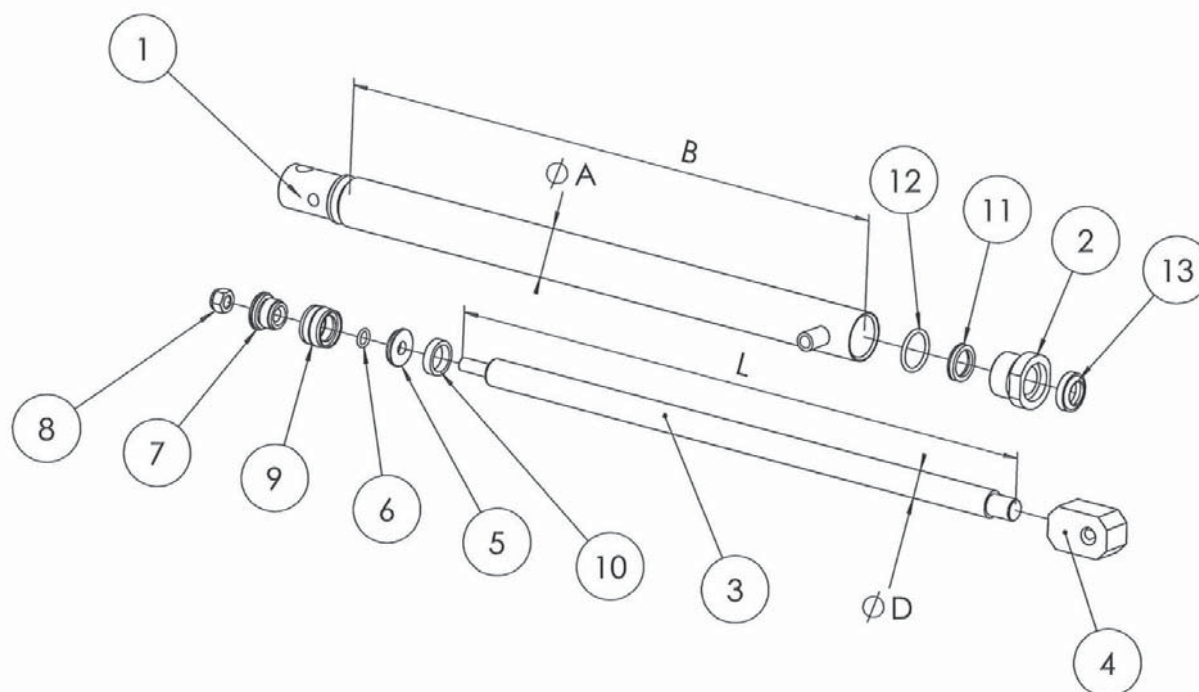
Cylinder:	Rod:	Body:	ØA	B	L	ØD	Stroke:
0501 9977	0501 9188	0501 9978	45	574	610	18	500

- Set of Seals: 0501 9678

3 CUTTING ELEMENTS

3.11 CYLINDER DE 35 - 25

PL 1621



REF #	QTY.	PART NO.	DESCRIPTION
1	1	Corps-Body D35v3	Body <i>(See Table Below)</i>
2	1	05019117	Threaded Base
3	1	Tie-Rod D25 v2	Rod <i>(See Table Below)</i>
4	1	05019185	Cylinder Connection Piece
5	1	05019671	Flask
6	1	05001301	O-Ring R 10
7	1	05019670	Half Piston
8	1	05014300	Brake Nut M12
9	1	05000041	Piston Joint
10	1	05005319	Spacing Ring
11	1	05000042	Rod Joint Ø25
12	1	05001307	O-Ring
13	1	05001004	Top Rod Joint Ø25

Dimensions in mm:

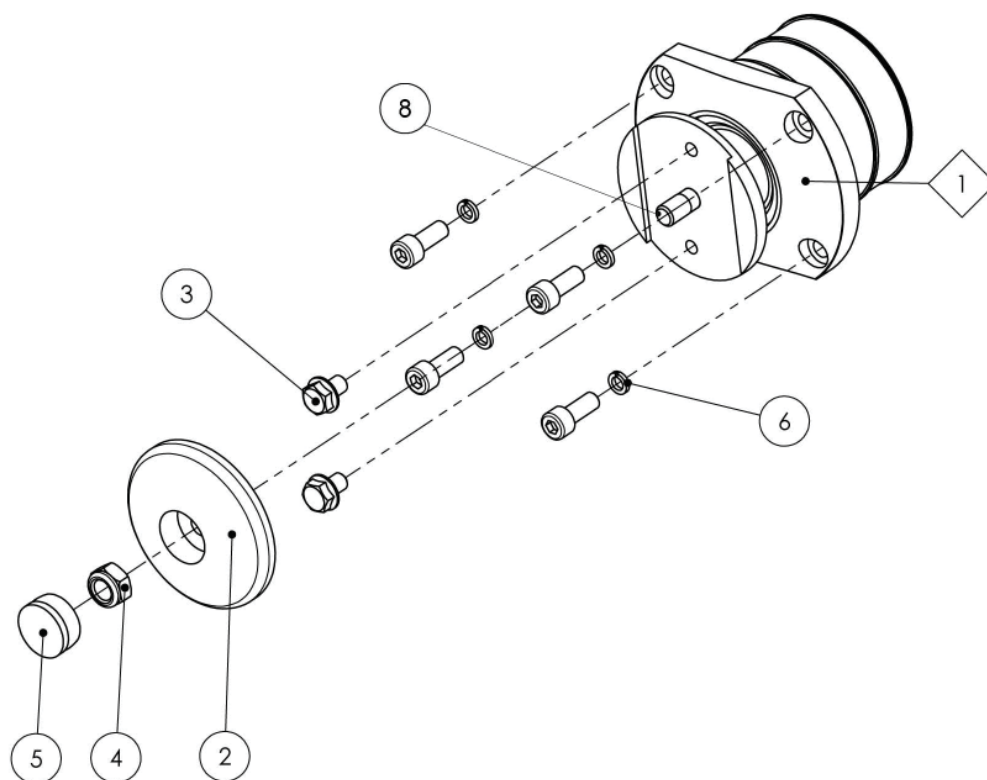
Cylinder:	Rod:	Body:	ØA	B	L	ØD	Stroke:
0501 9644	0501 9645	0501 9646	45	873	915	25	800

- Set of Seals: 0501 9679

3 CUTTING ELEMENTS

3.12 BLADE ASSEMBLY LONG RH - CODE 0105 0130

PL 3540

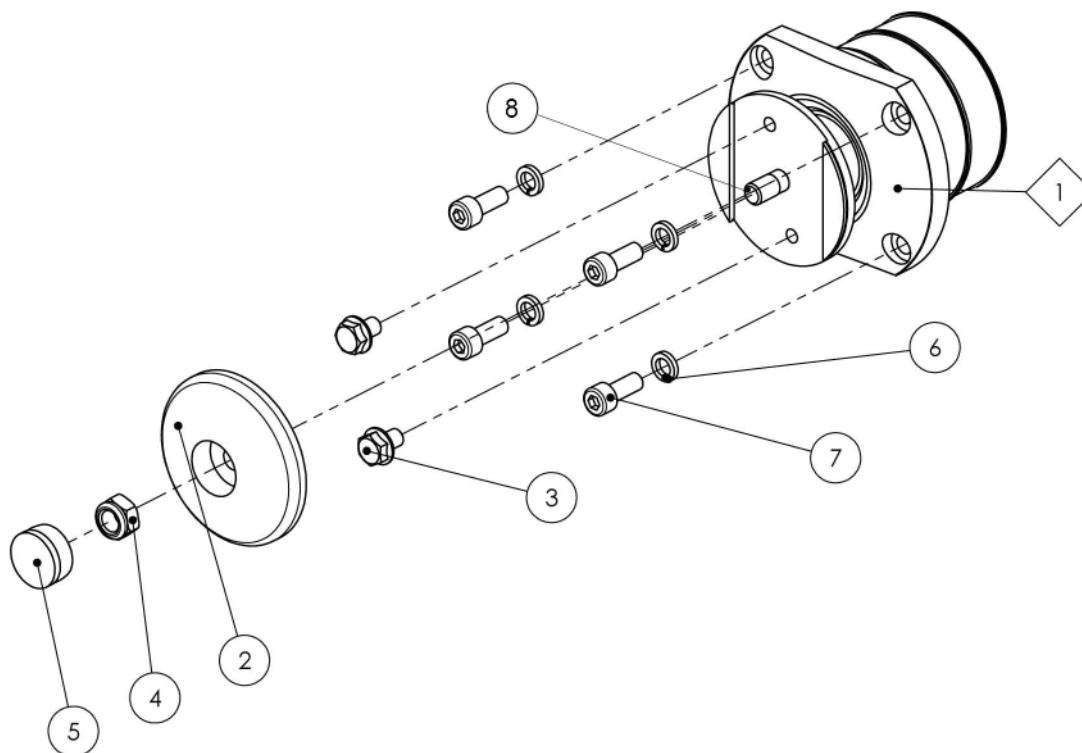


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	01050072	Blade Hsg. Assy. Long RH	PL 3556 - Pg 37
2	1	01050031	Cup	
3	2	05011861	Screw Tensilok M8 x 12 Zn	
4	1	05014311	Locknut M10	
5	1	05017926	Cap Ø26 mm	
6	4	05015318	Washer W6	
7	4	05010905	Screw CHC M8 x 20	

3 CUTTING ELEMENTS

3.13 BLADE ASSEMBLY LONG LH - CODE 0105 0129

PL 3543

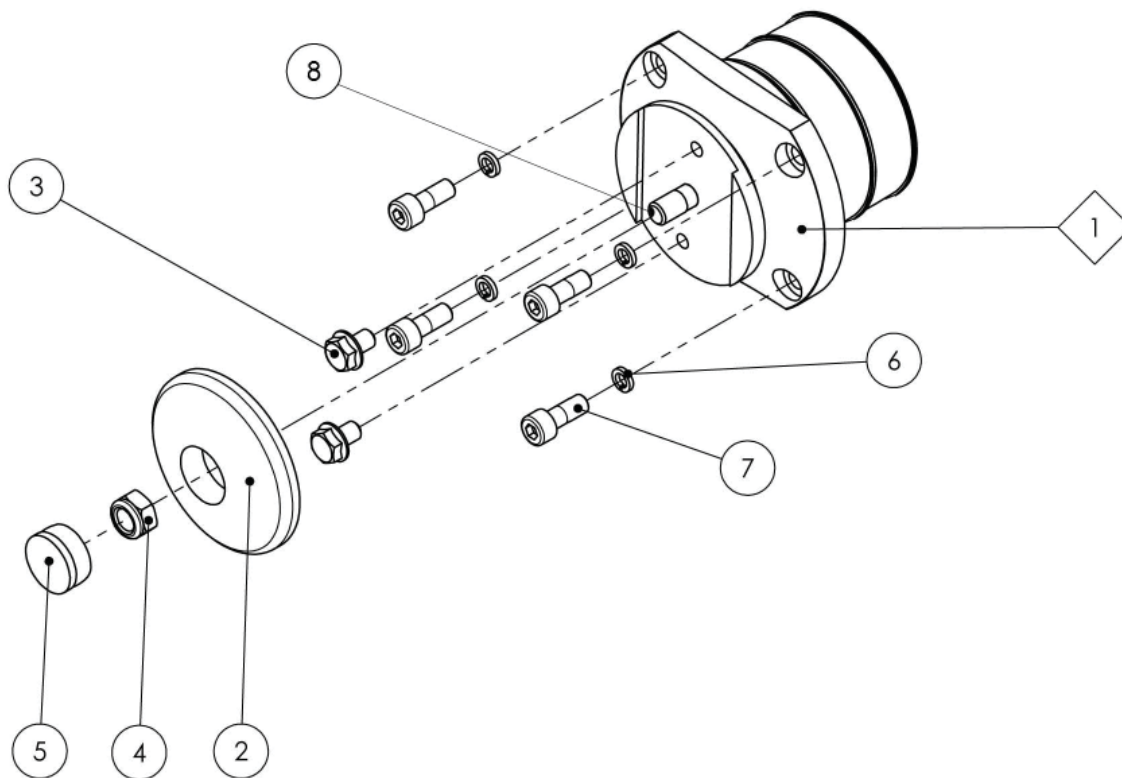


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	01050071	Blade Hsg. Assy. Long LH	PL 3558 - Pg 38
2	1	01050031	Cup	
3	2	05011861	Screw Tensilok M8 x 12 Zn	
4	1	05014311	Locknut M10	
5	1	05017926	Cap Ø26 mm	
6	4	05015317	Washer W8	
7	4	05010902	Screw CHC M8 x 20	

3 CUTTING ELEMENTS

3.14 MOTOR BLADE ASSY SHORT RH - CODE 0105 0124

PL 3541

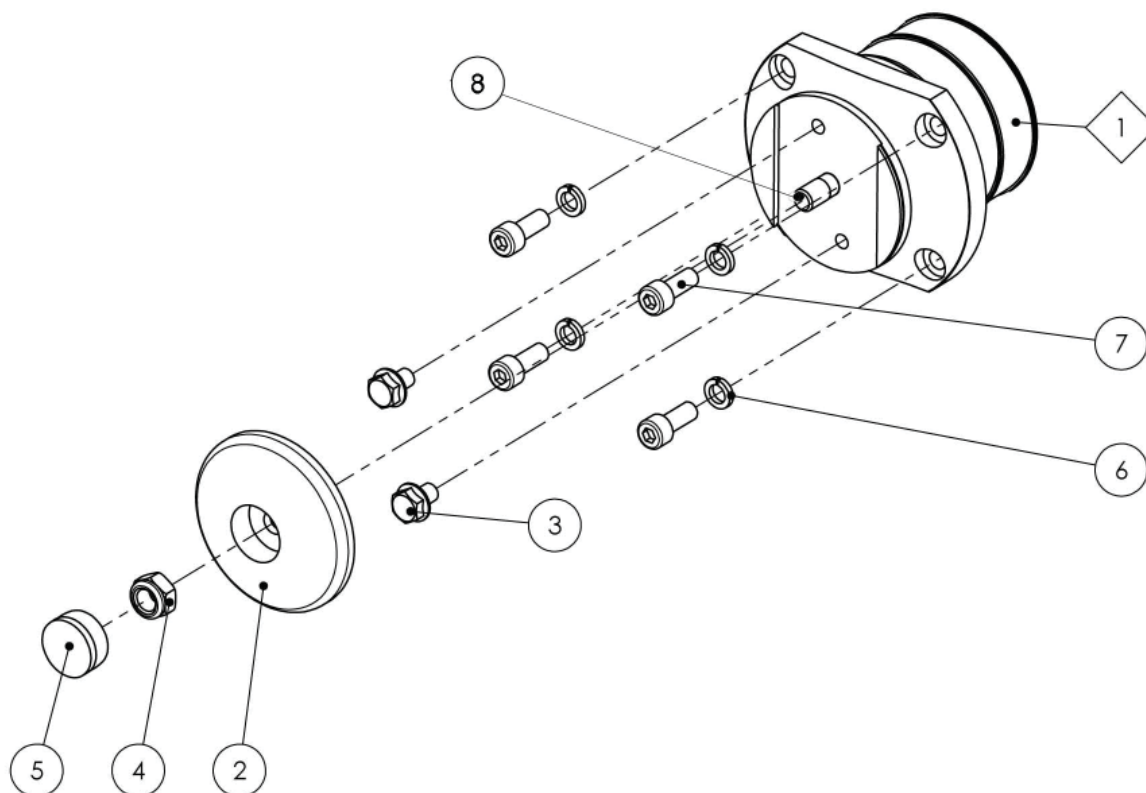


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	01050066	Motor Blade Hsg. Assy. Short RH	PL 3557 - Pg 35
2	1	01050031	Cup	
3	2	05011861	Screw Tensilok M8 x 12 Zn	
4	1	05014311	Locknut M10	
5	1	05017926	Cap Ø26 mm	
6	4	05015318	Washer W6	
7	4	05010902	Screw CHC M8 x 20	

3 CUTTING ELEMENTS

3.15 MOTOR BLADE ASSY SHORT LH - CODE 0105 0123

PL 3555

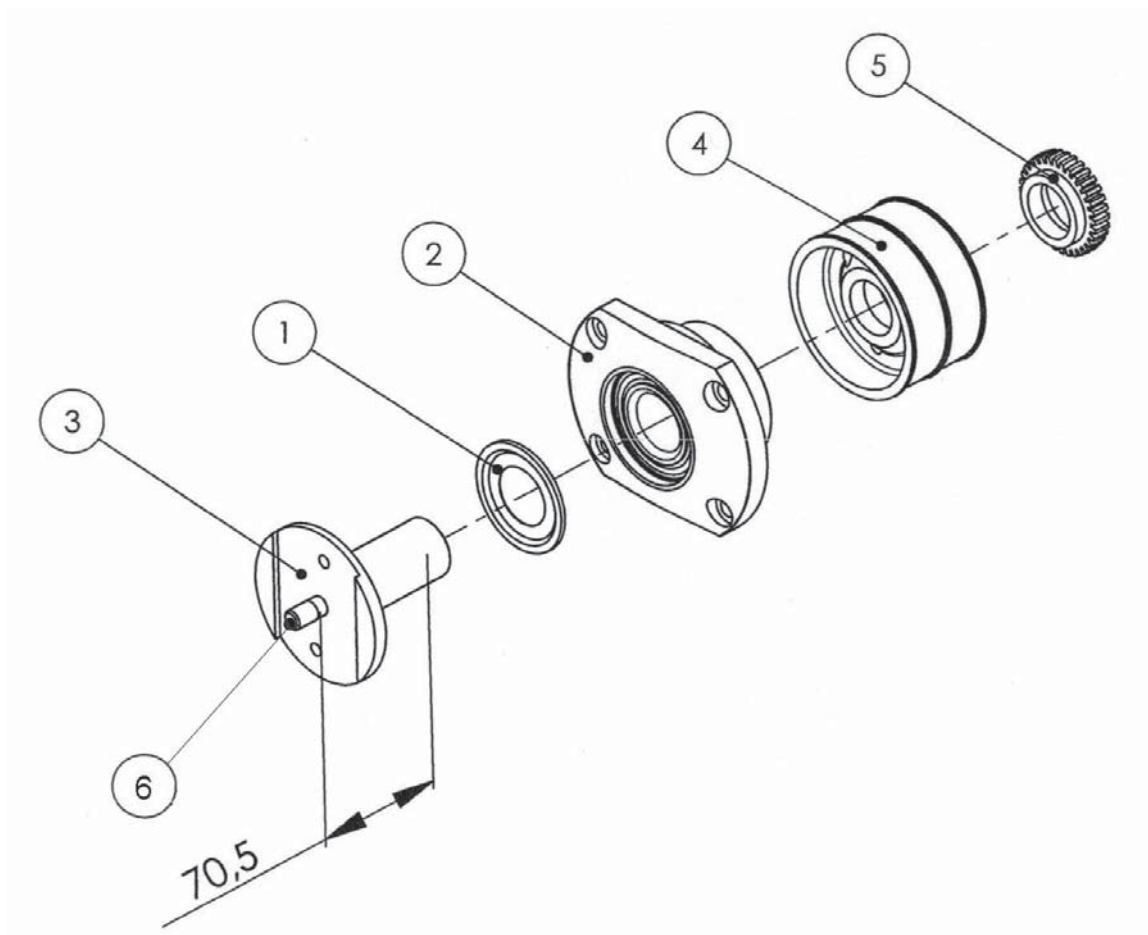


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	01050065	Motor Blade Hsg. Assy. Short LH	PL 3559 - Pg 36
2	1	01050031	Cup	
3	2	05011861	Screw Tensilok M8 x 12 Zn	
4	1	05014311	Locknut M10	
5	1	05017926	Cap Ø26 mm	
6	4	05015317	Washer W8	
7	4	05010902	Screw CHC M8 x 20	

3 CUTTING ELEMENTS

3.16 MOTOR BLADE HSG. ASSY SHORT RH - CODE 0105 0068

PL 3557

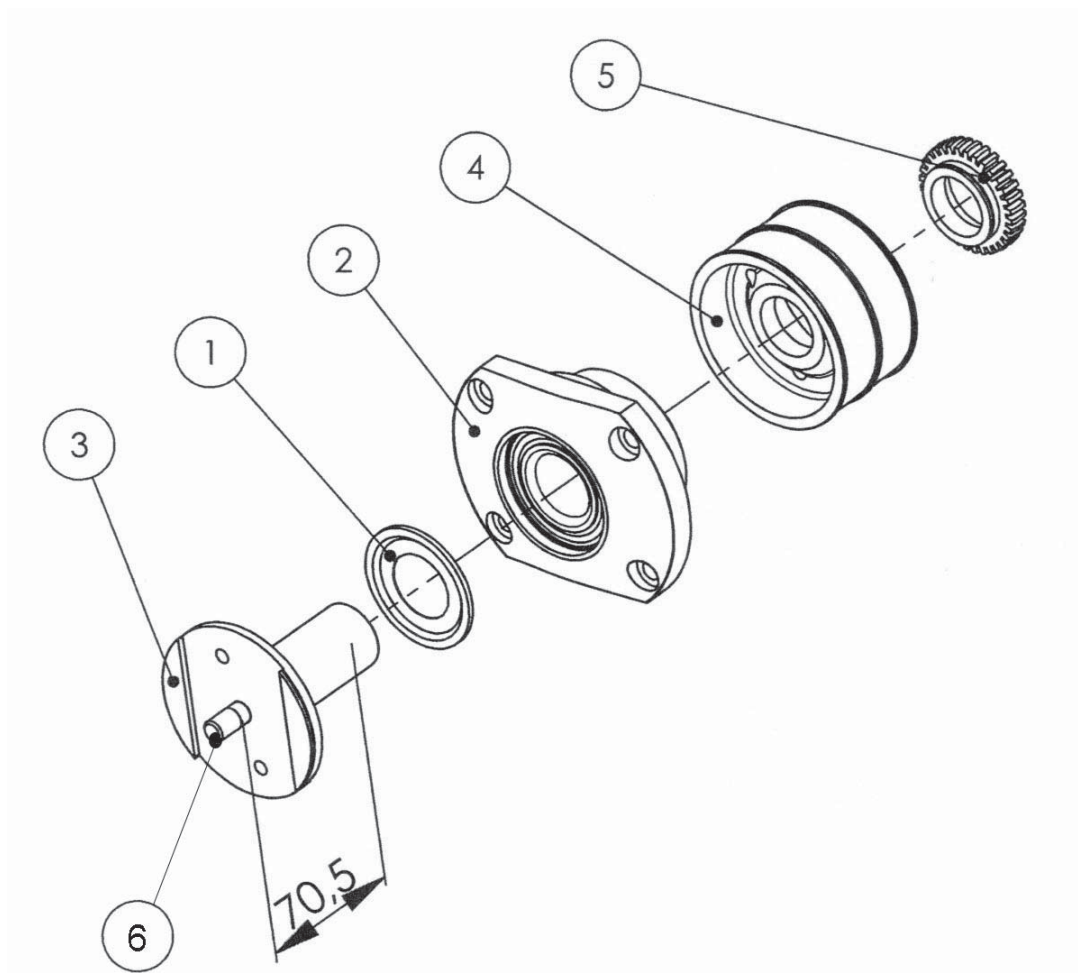


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	05000038	Ring NILOS	
2	1	01050064	Blade Housing	
3	1	01050056	Short Shaft Motor, Blade RH	
4	1	01050023	Motor Pulley	
5	1	01050022	Threaded Nut On Right	

3 CUTTING ELEMENTS

3.17 MOTOR BLADE HSG. ASSY SHORT LH - CODE 0105 0065

PL 3559

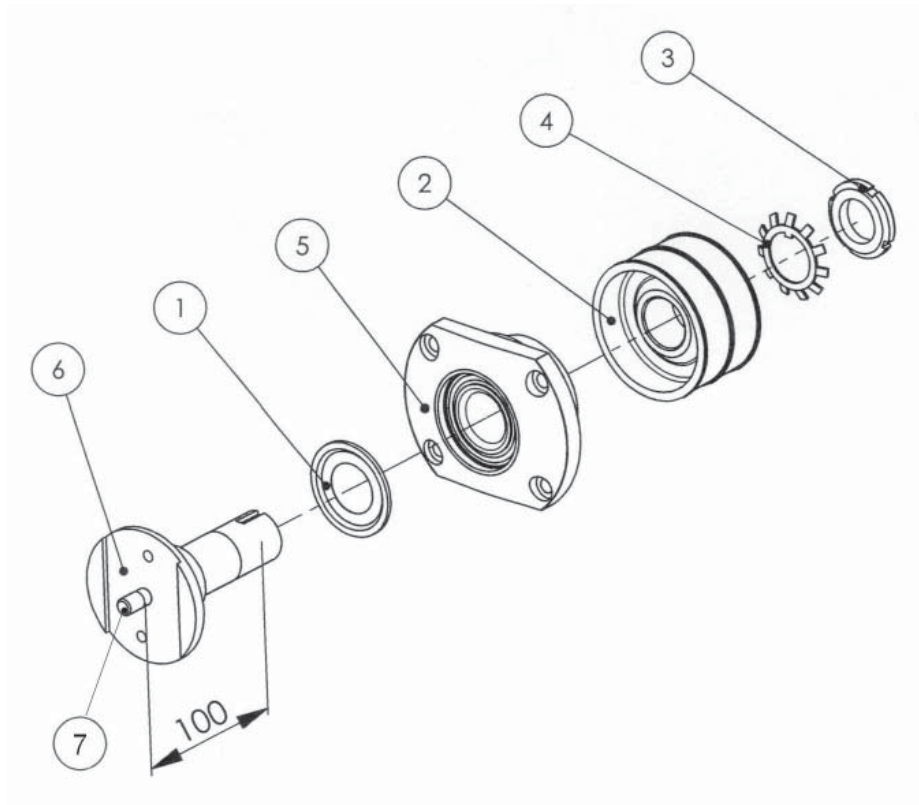


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	05000038	Ring NILOS	
2	1	01050064	Blade Housing	
3	1	01050055	Short Shaft Motor, Blade LH	
4	1	01050044	Motor Pulley	
5	1	01050063	Threaded Nut On Left	

3 CUTTING ELEMENTS

3.18 BLADE HSG. ASSY. LONG RH - CODE 0105 0072

PL 3556

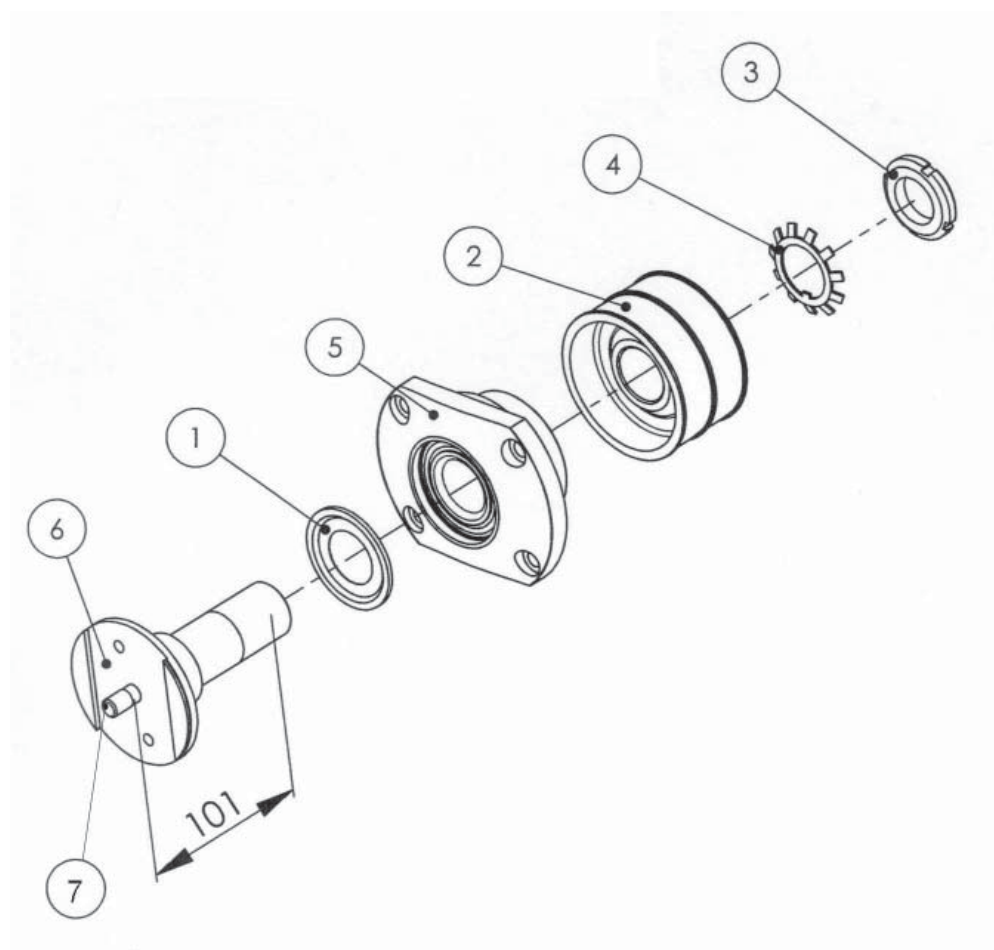


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	05000038	Ring NILOS	
2	1	01050025	Pulley	
3	1	05005206	Nut KM6	
4	1	05005256	Washer MB6	
5	1	01050064	Blade Housing	
6	1	01050062	Long Shaft Blade RH	

3 CUTTING ELEMENTS

3.19 BLADE HSG. ASSY. LONG LH - CODE 0105 0071

PL 3558

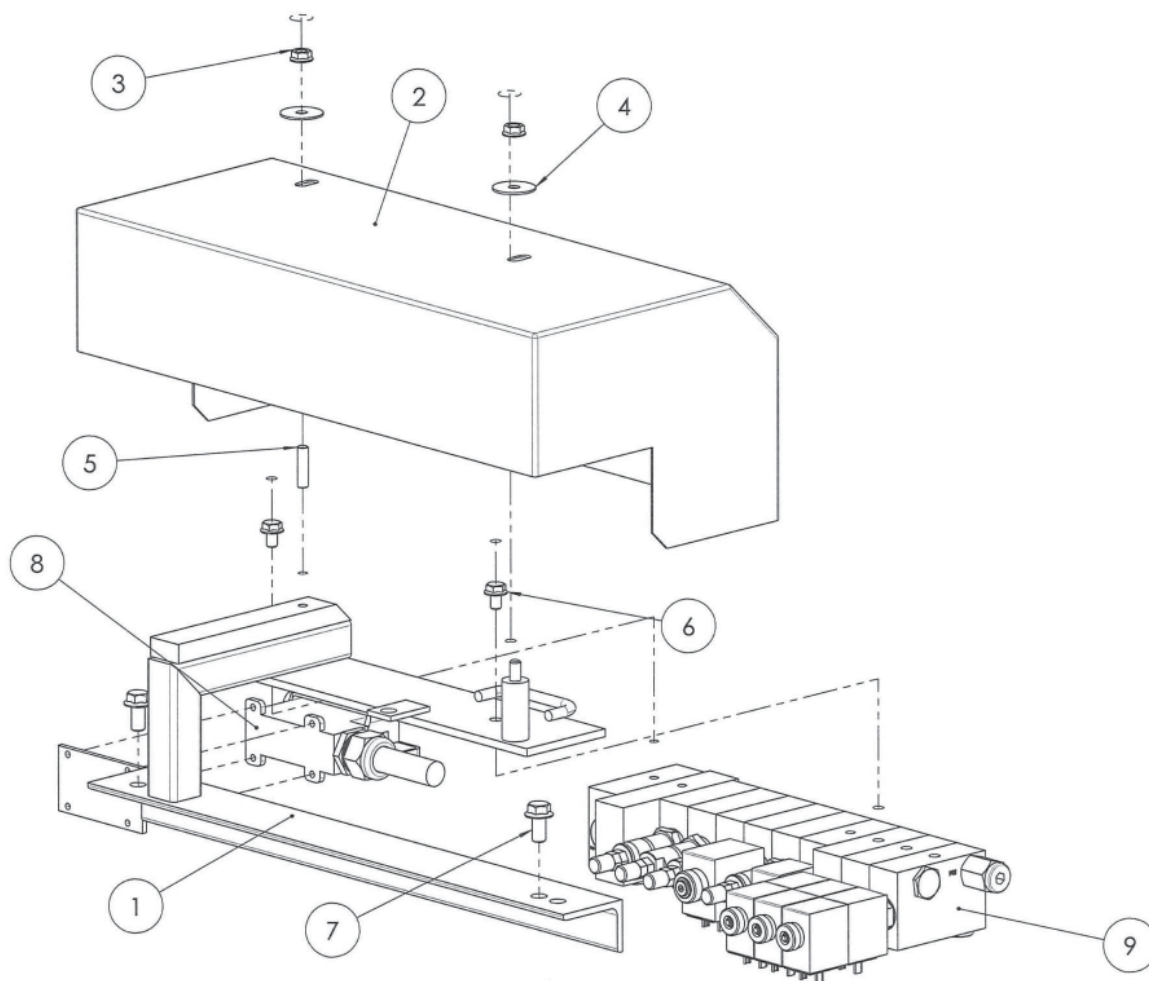


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	05000038	Ring NILOS	
2	1	01050025	Pulley	
3	1	05005206	Nut KM6	
4	1	05005256	Washer MB6	
5	1	01050064	Blade Housing	
6	1	01050061	Long Shaft Blade LH	

4 HYDRAULICS

4.1 HYD. SYSTEM SUPPORT W/PROTECTION - CODE 0113 1363

PL 4216



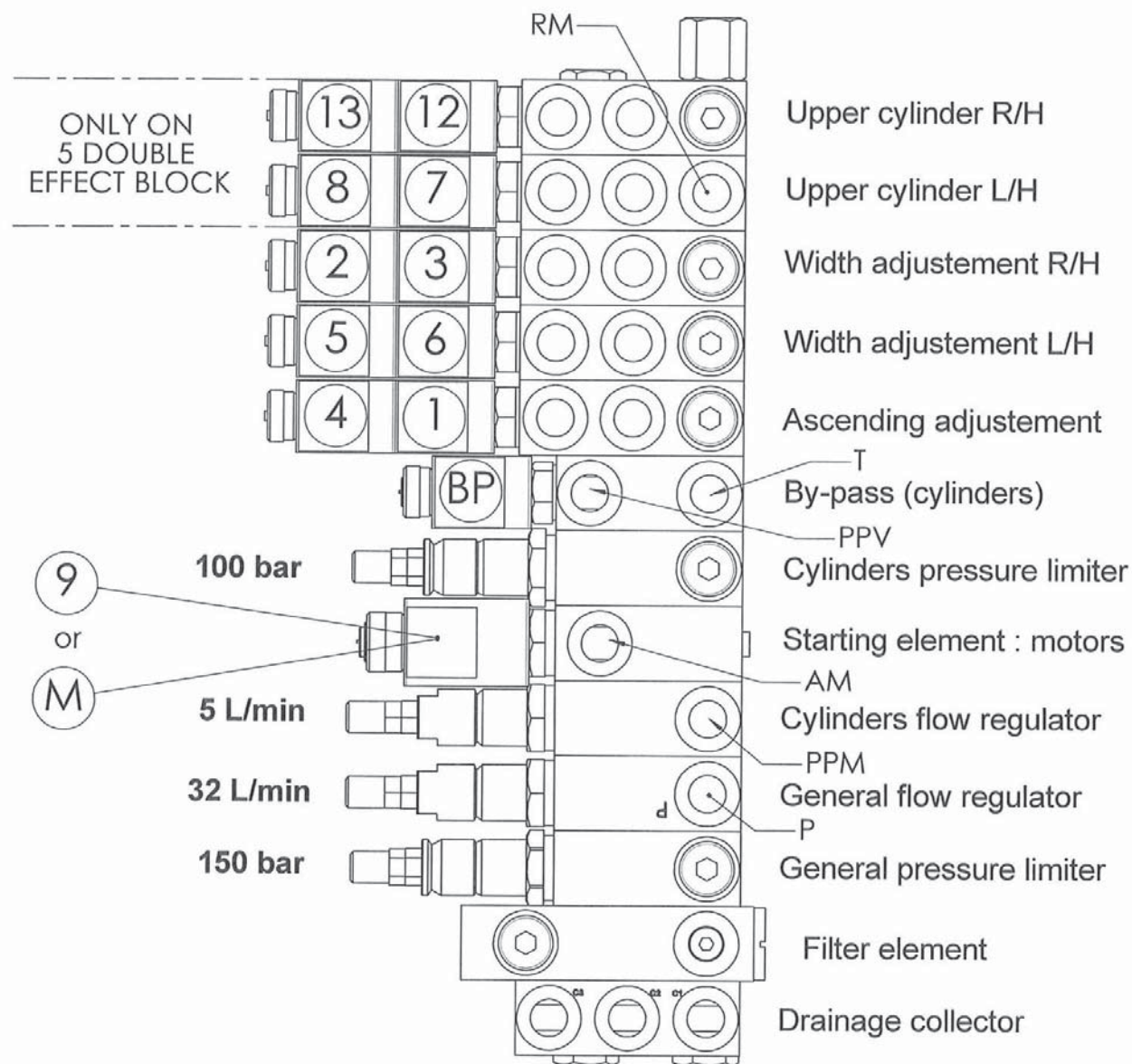
<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	00528407	Large Distributor Support	
2	1	05030582	Casing	
3	2	05011216	Nut Tensilok M8 Zn	
4	2	05015042	Washer	
5	1	05011651	Gudgeon M8 x 25	
6	2	05011861	Screw Tensilok M8 x 12 Zn	
7	2	05011867	Screw Tensilok M10 x 20	
8	1	05048295	Male Plug	
9	1	05022936	Electric Controls Distributor	

4.2 HYDRAULIC SYSTEM (ELECTRIC CONTROL)

PL 2528

1 SIMPLE EFFECT & 3 DOUBLE EFFECTS - REF. 0502 2936

1 SIMPLE EFFECT & 5 DOUBLE EFFECTS - REF. 0502 2938

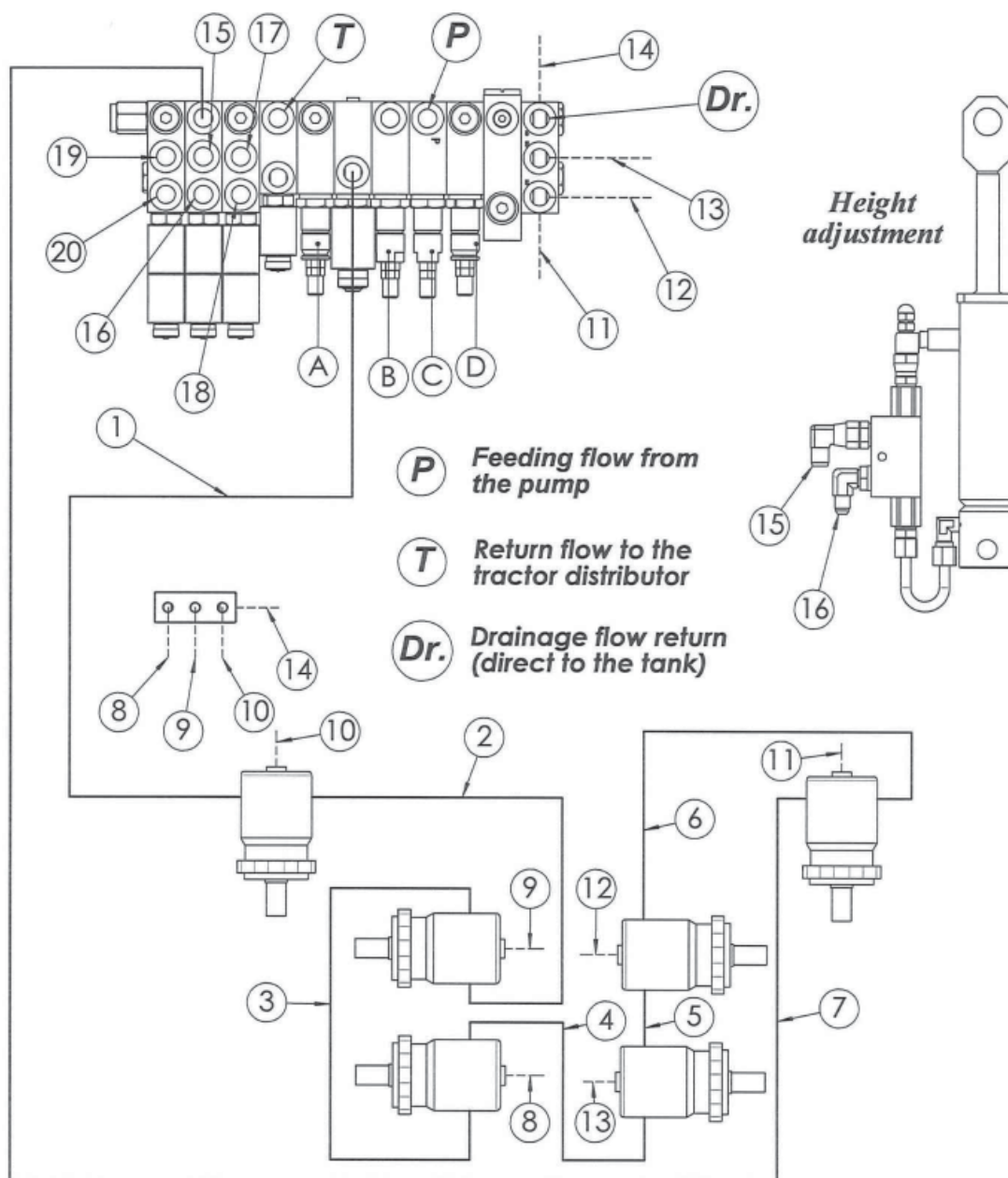


PPV : Cylinders pressure taker
PPM : Motors pressure taker
AM : Motors supply

RM : Motors return
P : General power
T : Return

4.3 ELECTRIC CONTROL - SKIRTING ELEMENT "S" w/MOTORS

PL 4587

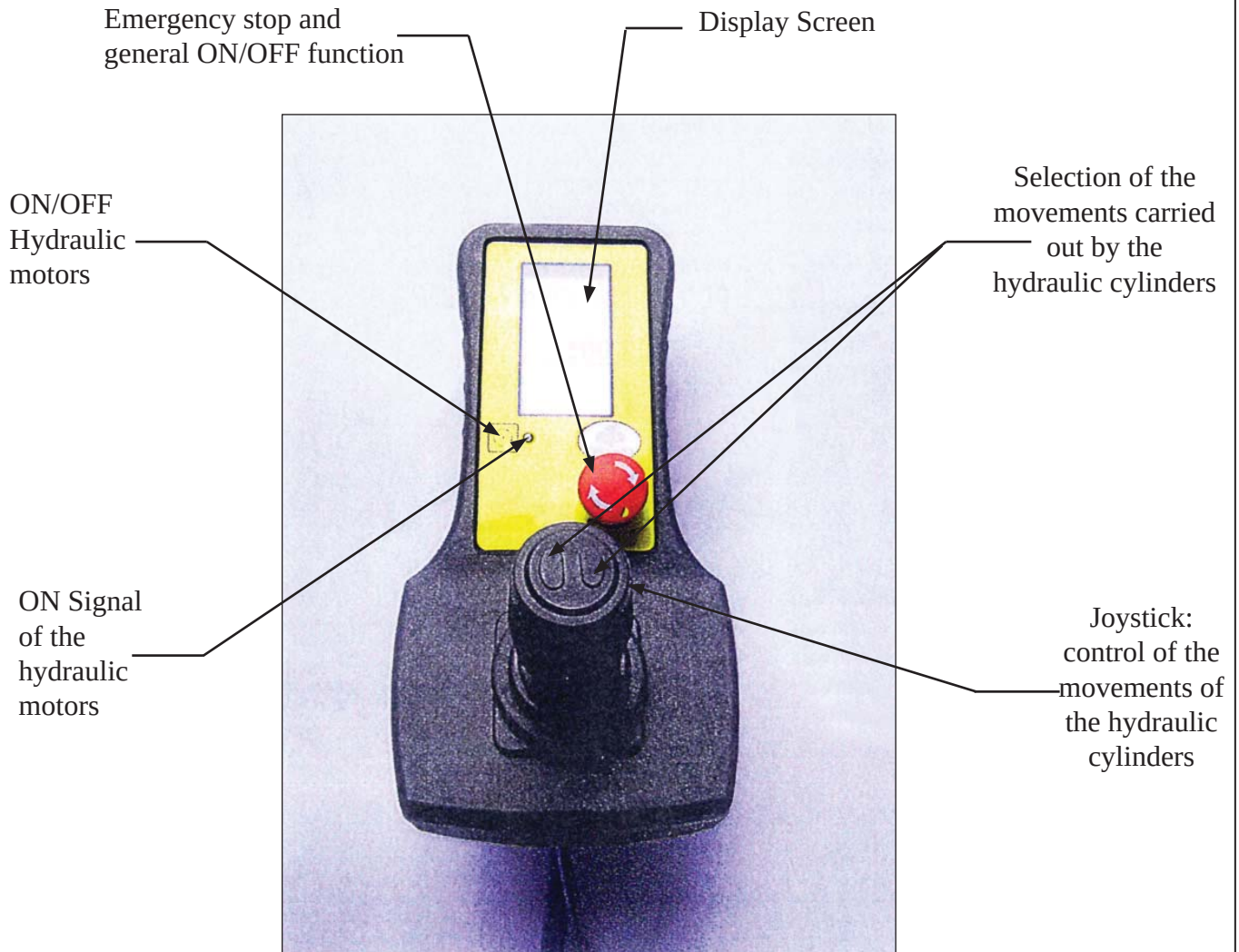


Hydraulic components adjustments :

- (A) Pressure : 100 bars (1450 PSI)
- (B) Flow : 5 L/min (1.3 GPM)
- (C) Flow : 32 L/min (8.4 GPM)
- (D) Pressure : 150 bars (2175 PSI)

4.4 ELECTRIC CONTROL HANDLE - CODE 0000 2340

PL 4456



To carry out a movement of a hydraulic cylinder, operate the joystick by tilting it towards one of the 4 directions following the desired cylinder movement.

Functions are changed by pushing the button located in the center of the joystick.

1. First press the button in order to select the desired function.
2. Then tilt simultaneously the joystick (without releasing the button).

NOTE: To carry out another movement it is necessary to bring the level to the central position (neutral position), then use steps 1 and 2 to obtain the next function (cylinder movement).

IMPORTANT:

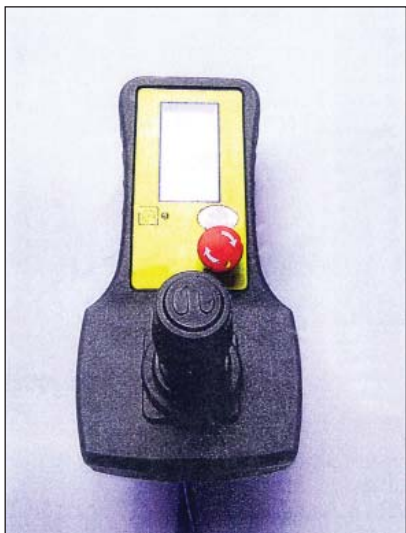
In order to optimize the longevity of the control handle, after each use, keep the handle in a clean and dry place, devoid of dust and grease.

4 HYDRAULICS

4.5 ELECTRIC CONTROL HANDLE - CODE 0000 2404

PL 4857

**For machines equipped with
1 to 5 double effect cylinders,
without function of control for
proportional valve**

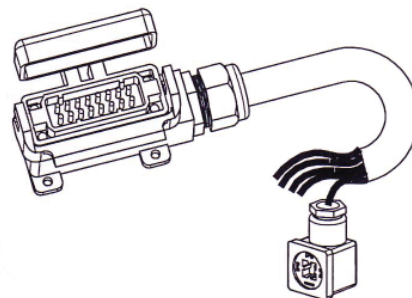
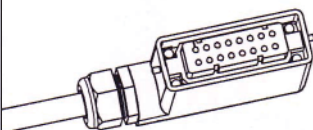


**Complete Electric
Control Handle
With Box, Wires
and Female Plug:**

0506 0051

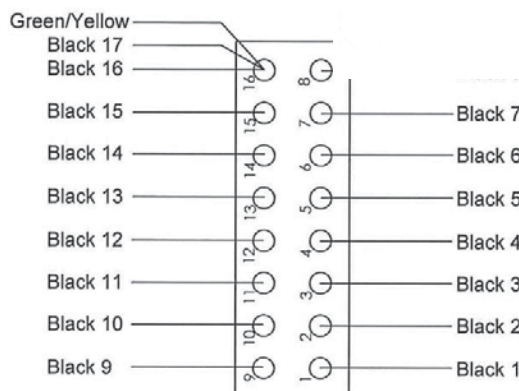
**Bundle of Wires
and Male Plug
(13 Connectors):**

0506 1051



Support:

0502 9872



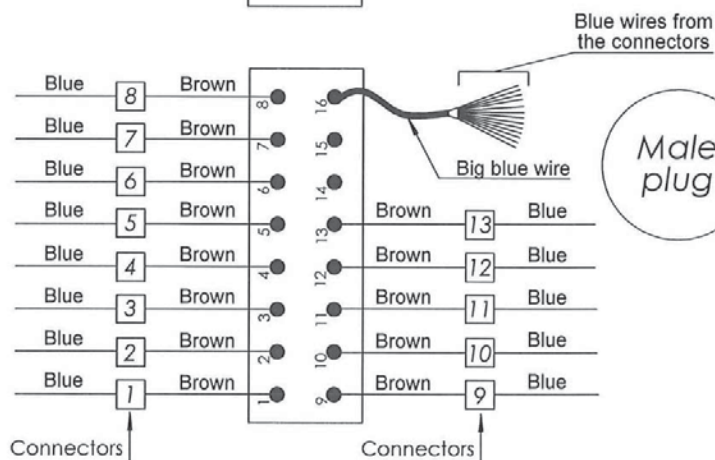
Female
plug

Connectors 1 to 8, 12 and 13:
Double effect cylinder functions

Connector 9:
ON/OFF Motors Function

Connector 10:
By-pass Function

Connector 11:
EVC Function (only in case of closed
center hydraulic systems which work
with the additional hydraulic unit -
0000 1561)

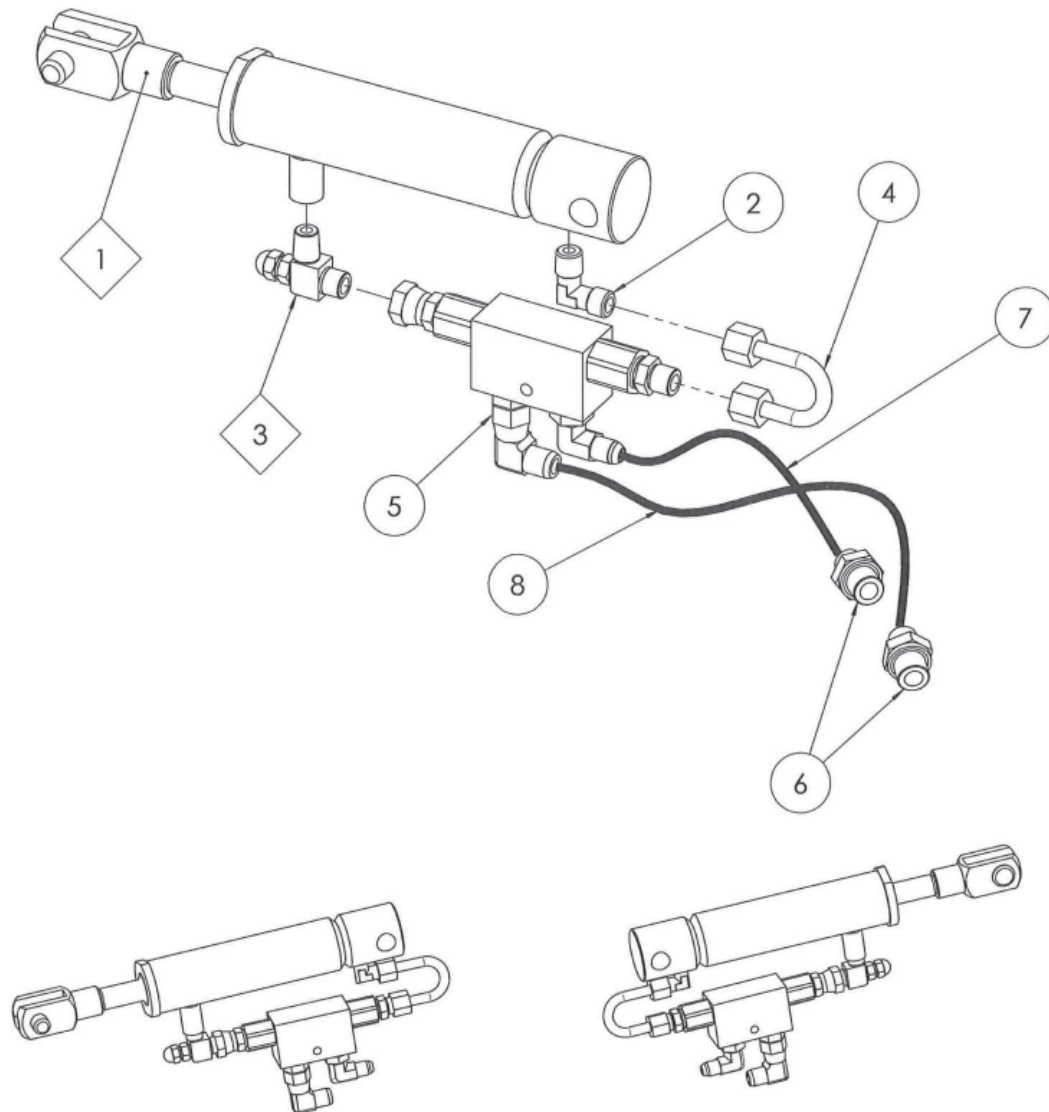


Male
plug

4 HYDRAULICS

4.6 HYDRAULIC SLOPE ADJUSTMENT - CODE 0000 1481

PL 3763

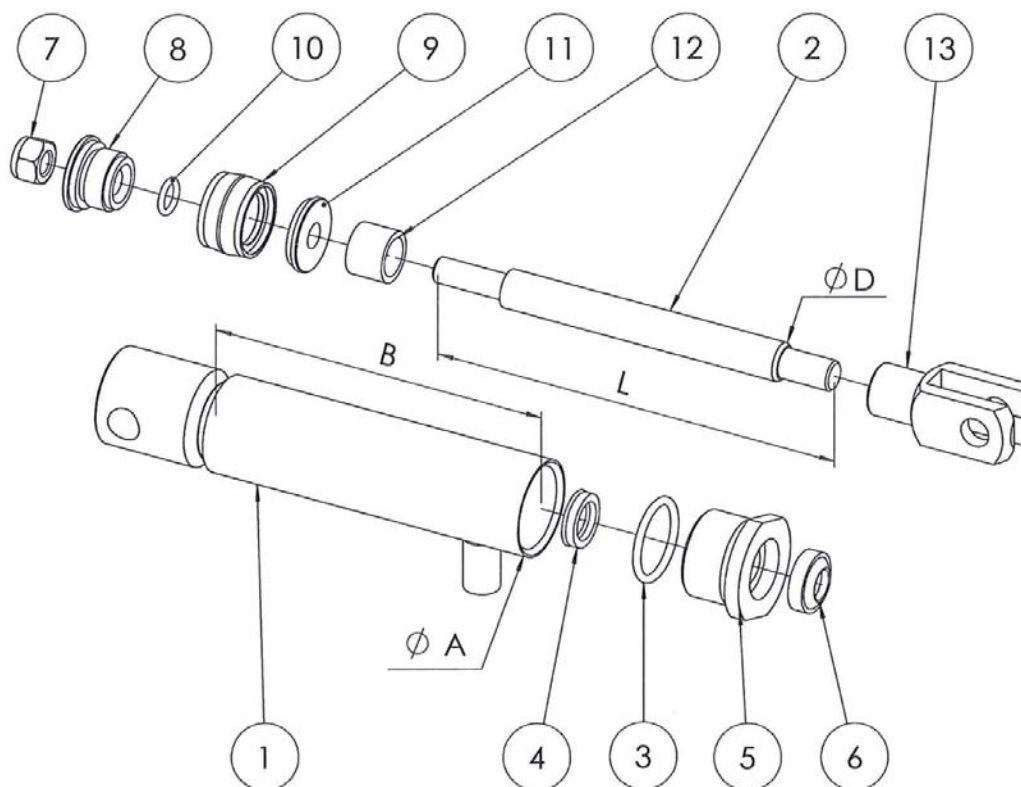


<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	2	05019601	Cylinder DE 35-18 C=80mm	PL 1620 - Pg 45
2	2	05006551	Elbow	
3	2	05009030	Angle Elbow	PL 2986 - Pg 46
4	2	05019563	Hydraulic Tube	
5	2	00001322J	Non Return Security Valve	
6	4	05007812	Junction MJ 9/16" - 3/8" Cyl.	
7	2	05035848	Hose Ø6 FJ9/16 FK9/16 Length-1800mm	
8	2	05035830	Hose Ø6 FJ9/16 FK9/16 Length-2100mm	

4 HYDRAULICS

4.7 CYLINDER DOUBLE EFFECT 35 - 18

PL 1620



REF #	QTY.	PART NO.	DESCRIPTION
1	1	Corps-Body D35	Body <i>(See Table Below)</i>
2	1	Tie-Rod D18	Rod <i>(See Table Below)</i>
3	1	05001307	O-Ring
4	1	05000043	Joint
5	1	05019005	Threaded Base
6	1	05001002	Joint
7	1	05014300	Brake Nut M12
8	1	05019670	Half Piston
9	1	05000041	Piston Joint
10	1	05001301	O-Ring R 10
11	1	05019671	Flask
12	1	05005372	Flange
13	1	05029100	Cap

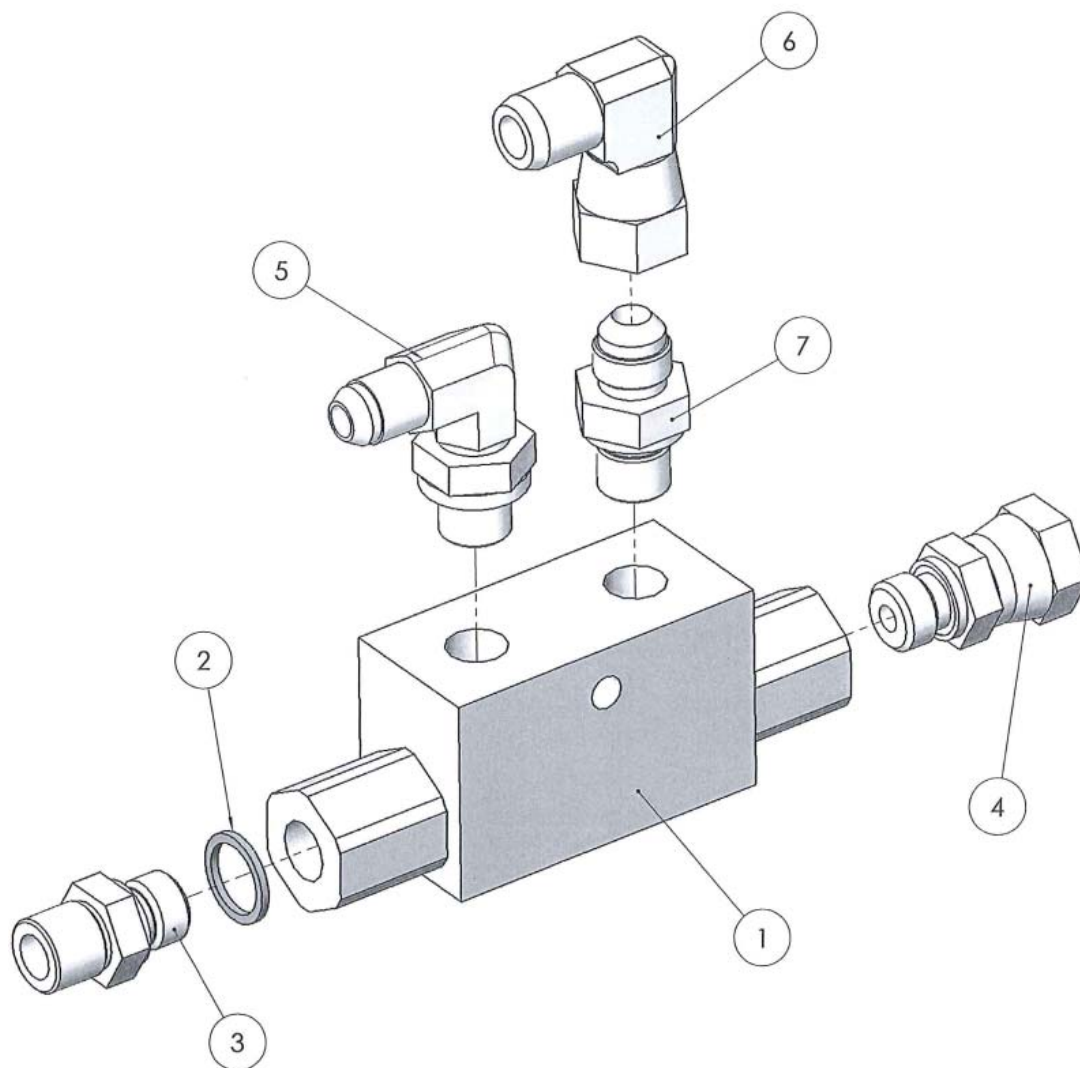
Dimensions in mm:

Cylinder:	Rod:	Body:	ØA	B	L	ØD	Stroke:
0501 9601	0501 9014	0501 9033	45	164	200	18	80

- Set of Seals: 0501 9678

4.8 NON RETURN SECURITY VALVE JIC - CODE 0000 1322J

PL 2986



<u>REF #</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ASSY.</u>
1	1	05023307	Double Valve	
2	2	05002006	Joint	
3	1	05007767	Junction	
4	1	05007814	Adapter FJ 9/16" - 1/4" Gas Cyl.	
5	1	05006577	Elbow MJ 9/16 - MG 1/4 90°	
6	1	05006420	Elbow MJ 9/16 FJ 9/16 90°	
7	1	05007816	Junction MJ 9/16 MG 8/13	