

Log Max **2000T**

Spare part manual



www.logmax.com

Ver. 2.1



Stationsvägen 12 - 77013 Grangärde - SWEDEN
Phone: +46 240 59 11 00
info@logmax.com www.logmax.com

Applies to serial number: 121090-

Contents

1. Frame and protection	11
Frame with protective cover.....	12
Frame.....	14
Protective cover	16
Damped protective plate	18
2. Delimiting unit	21
Upper delimiting knife, assembly.....	22
Left and right delimiting knife, assembly.....	24
Hydraulic cylinder.....	26
Hydraulic cylinder.....	29
Right delimiting knife.....	30
Left delimiting knife	32
Lower delimiting knife, assembly.....	34
Hydraulic cylinder.....	36
Lower delimiting knife	38
3. Feeding unit.....	41
Feeding unit, assembly.....	42
Feed roller arm, left.....	46
Feed roller arm, right.....	48
Feed roller motors.....	50
Feed rollers, V-steel Soft Grip.....	52
Feed rollers, V-steel Hard Grip	54
Hydraulic cylinder.....	56
4. Measuring	59
Length measuring unit, assembly.....	60
Measuring arm, LM510.....	62
Measuring wheel arm, Forester	64
Measuring wheel arm, Interface	66
Hydraulic cylinder.....	68
Diameter measuring	70
Encoder housing.....	72
Encoder housing.....	74
5. Felling unit	77
Felling unit, assembly	78
Hydraulic cylinder.....	80
Felling link for GV4	82
Safety chain.....	84
6. Saw unit	87
Saw unit.....	88
Hydraulic cylinder.....	92
Saw unit	94
Saw motor	96
Saw bar bracket	98
Manifold	100
Chain lubrication, Easy Greasy	102

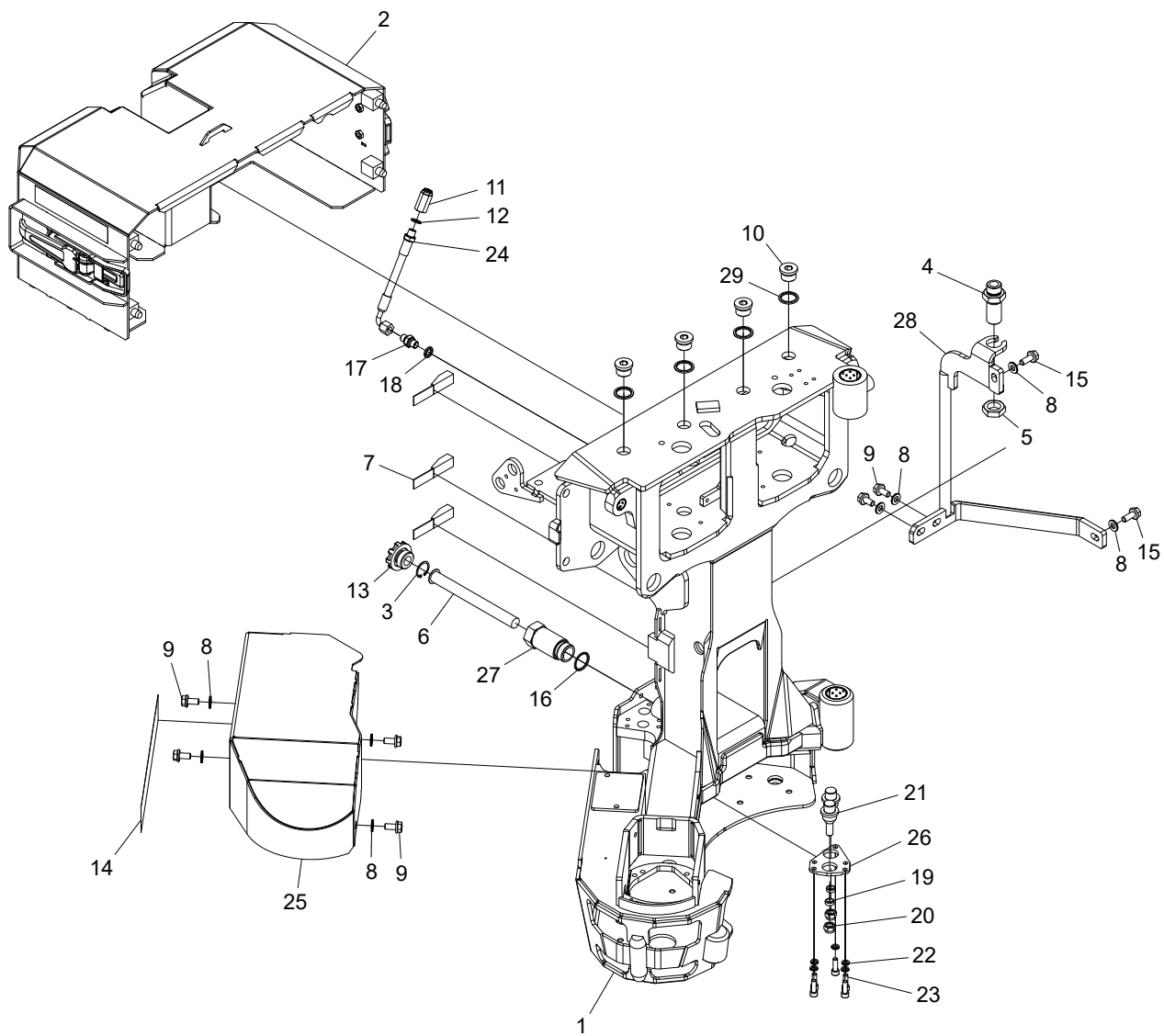
Grease lubrication.....	104
Saw bar and saw chain.....	107
7. Accessories	109
Rotator control	110
Manifold.....	112
Without rotator control	114
Snow cover	116
Stump treatment	118
Tool kit.....	120
8. Hydraulic system	123
Hydraulic system	124
Lower manifold.....	126
Right manifold	128
Left manifold.....	130
Inlet section	132
Feeding section	134
Saw section	136
End section.....	138
Tie rod kit.....	140
9. Control system	143
Cables.....	145
Module bracket	146
Module LHM510	148
Holder	150
10. Hose kits	153
11. Schematics	163



= requires special instructions from Log Max AB

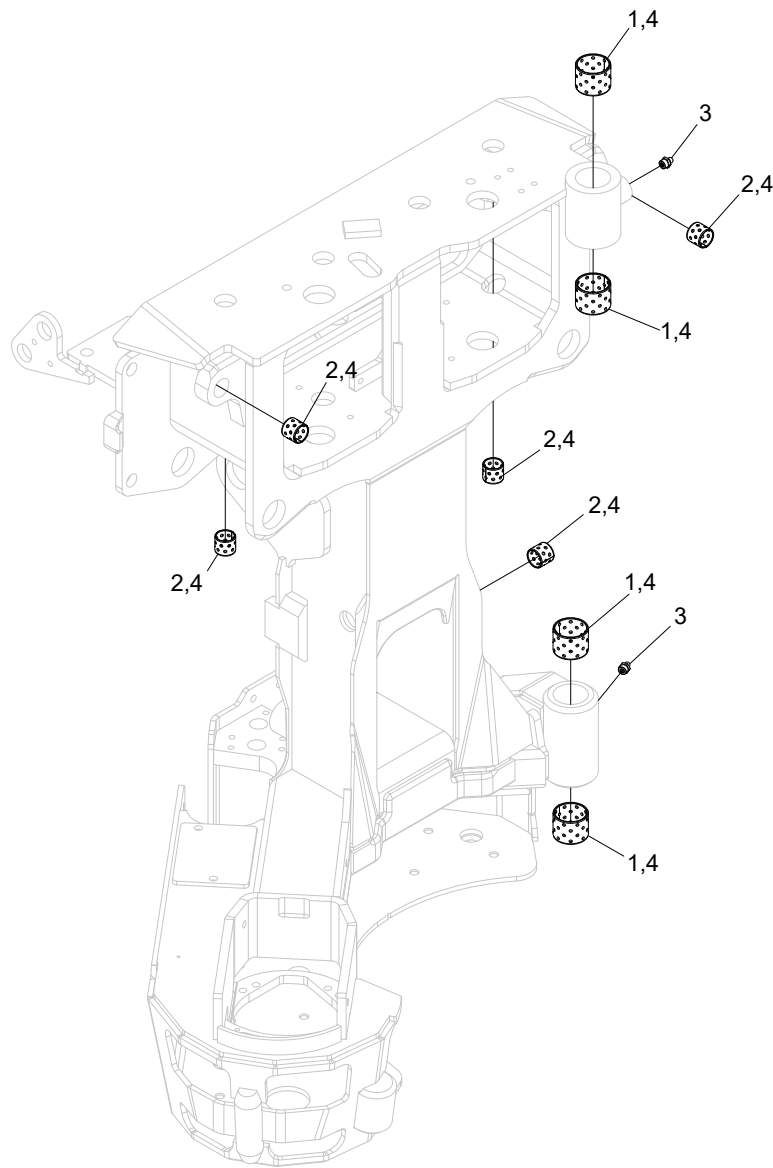
1. Frame and protection

Frame with protective cover



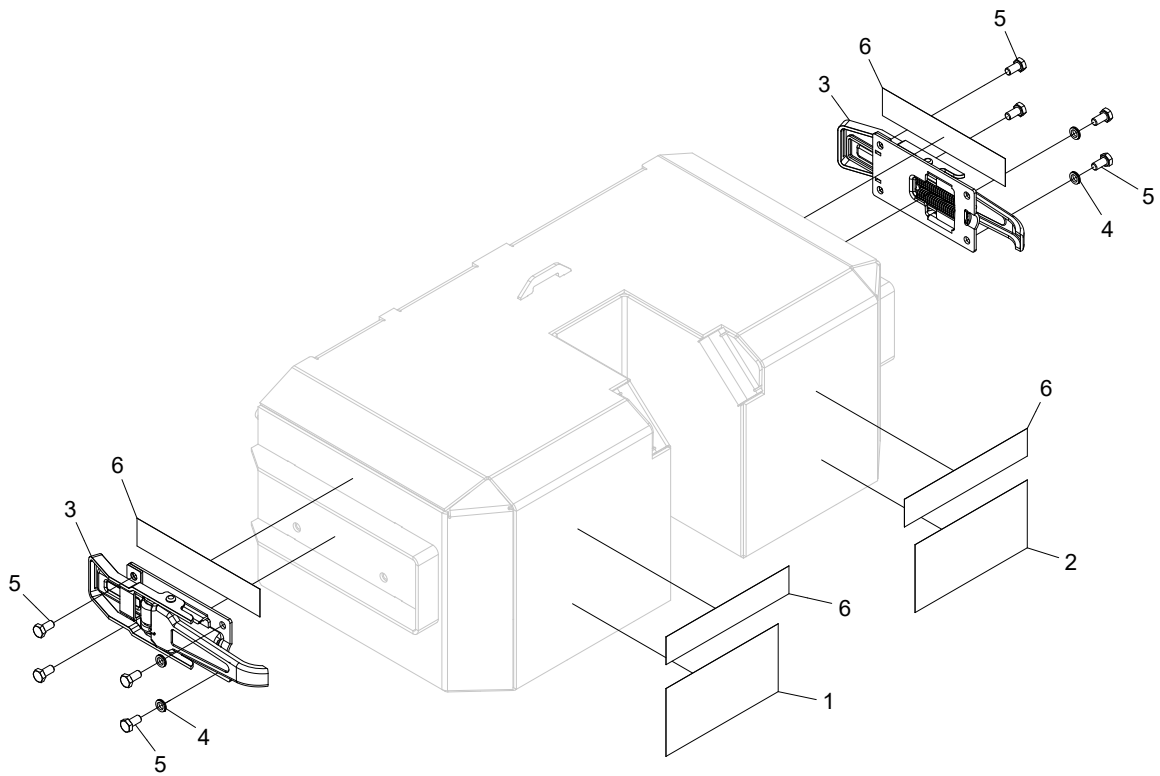
Structure 10000334				
Pos.	Part no.	Quantity	Description	Specification
1	10000573	1	Frame	
2	10000332	1	Protective cover	
3	517226	1	Circlip	SGH 30
4	011173	1	Adapter	3/4"
5	011205	1	Nut	3/4"
6	011845	1	Filter	
7	626001	3	Tie down strap	530 mm
8	503075	8	Washer	NL10
9	505083	6	Screw	M10x20 10.9
10	601004	4	Hex plug	3/4"
11	015037	1	Valve	
12	601200	1	Copper seal	13x19x1,5
13	10000407	1	Filling cap	
14	10001263	1	Decal	
15	505084	2	Screw	M10x25 10.9
16	10000291	1	Seal	M33x2
17	601028	1	Adapter	BSP -04
18	601101	1	Bonded seal	1/4"
19	010170	2	Spacer	
20	502056	2	Nut	M12
21	10000446	1	Pin	
22	503055	5	Washer	NL8
23	501070	5	Screw	M8x25 12.9
24	641656	1	Hose	
25	10000470	1	Cover	
26	10000482	1	Bracket	
27	10000651	1	Pipe	
28	013003	1	Protection bar	
29	601104	4	Bonded seal	3/4"

Frame



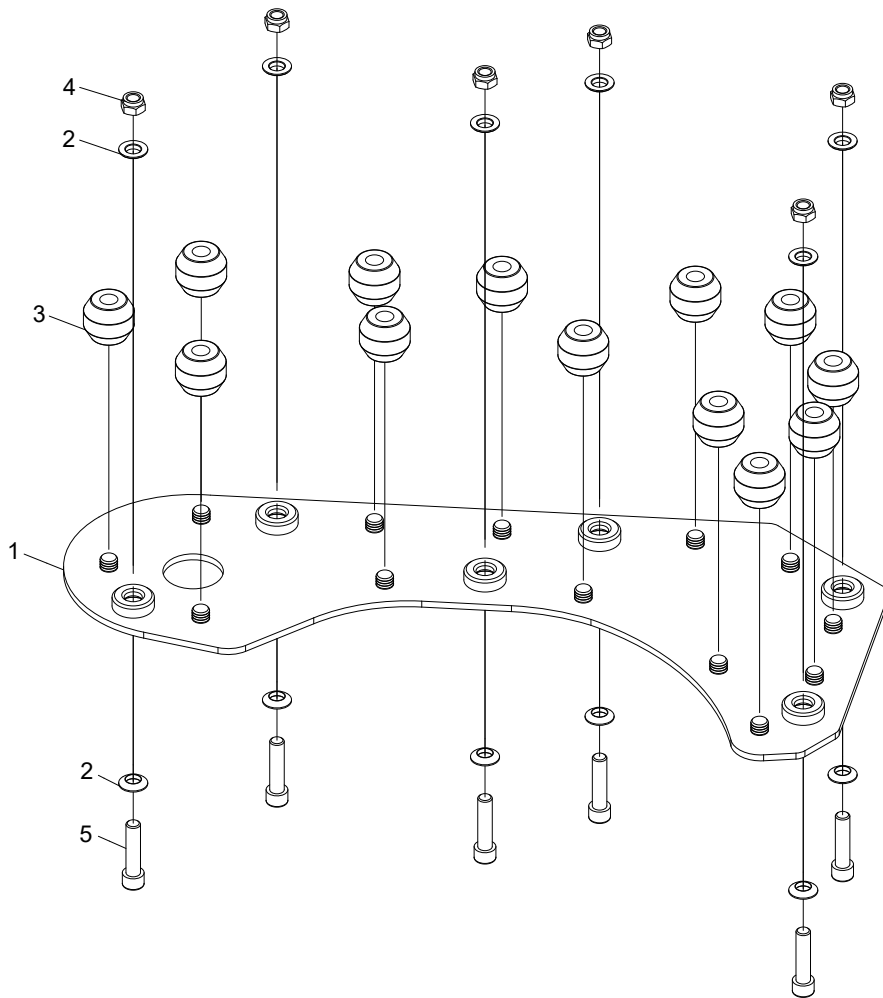
Structure 10000201				
Pos.	Part no.	Quantity	Description	Specification
1	512012	4	Bushing	
2	512001	5	Bushing	
3	625000	2	Grease nipple	
4			Glue	603

Protective cover



Structure 10000332				
Pos.	Part no.	Quantity	Description	Specification
1	519140	1	Decal	
2	519141	1	Decal	
3	519083	2	Overcentre latch	
4	503055	4	Washer	NL8
5	500042	8	Screw	M8X16 8.8 FZB
6	10001262	4	Decal	

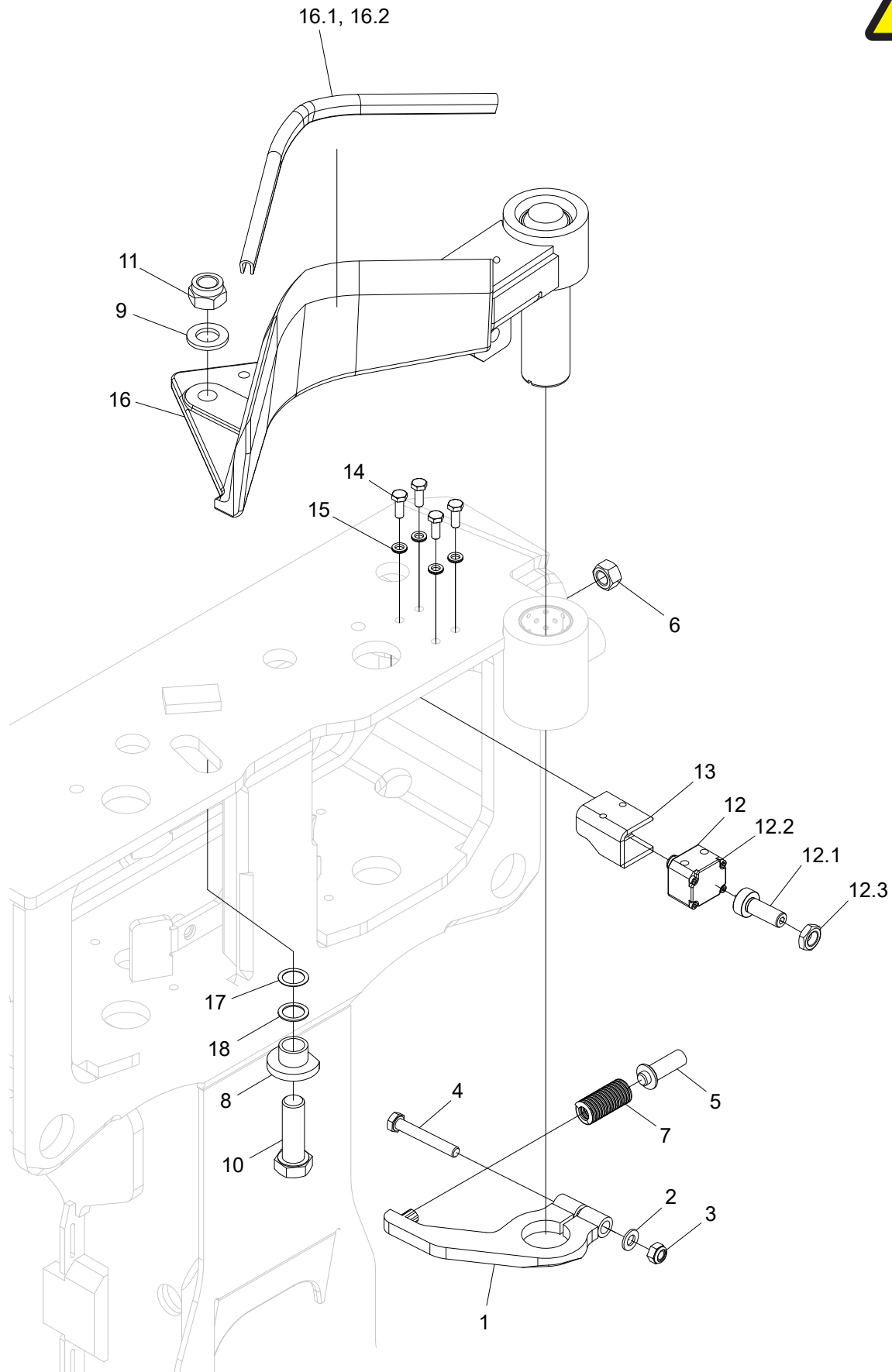
Damped protective plate



Structure 10000430				
Pos.	Part no.	Quantity	Description	Specification
1	011210	1	Protective plate	
2	018058	12	Spherical washer	M12
3	524025	13	Rubber spring	
4	502056	6	Nut	M12
5	017856	6	Screw	M12x50 12.9

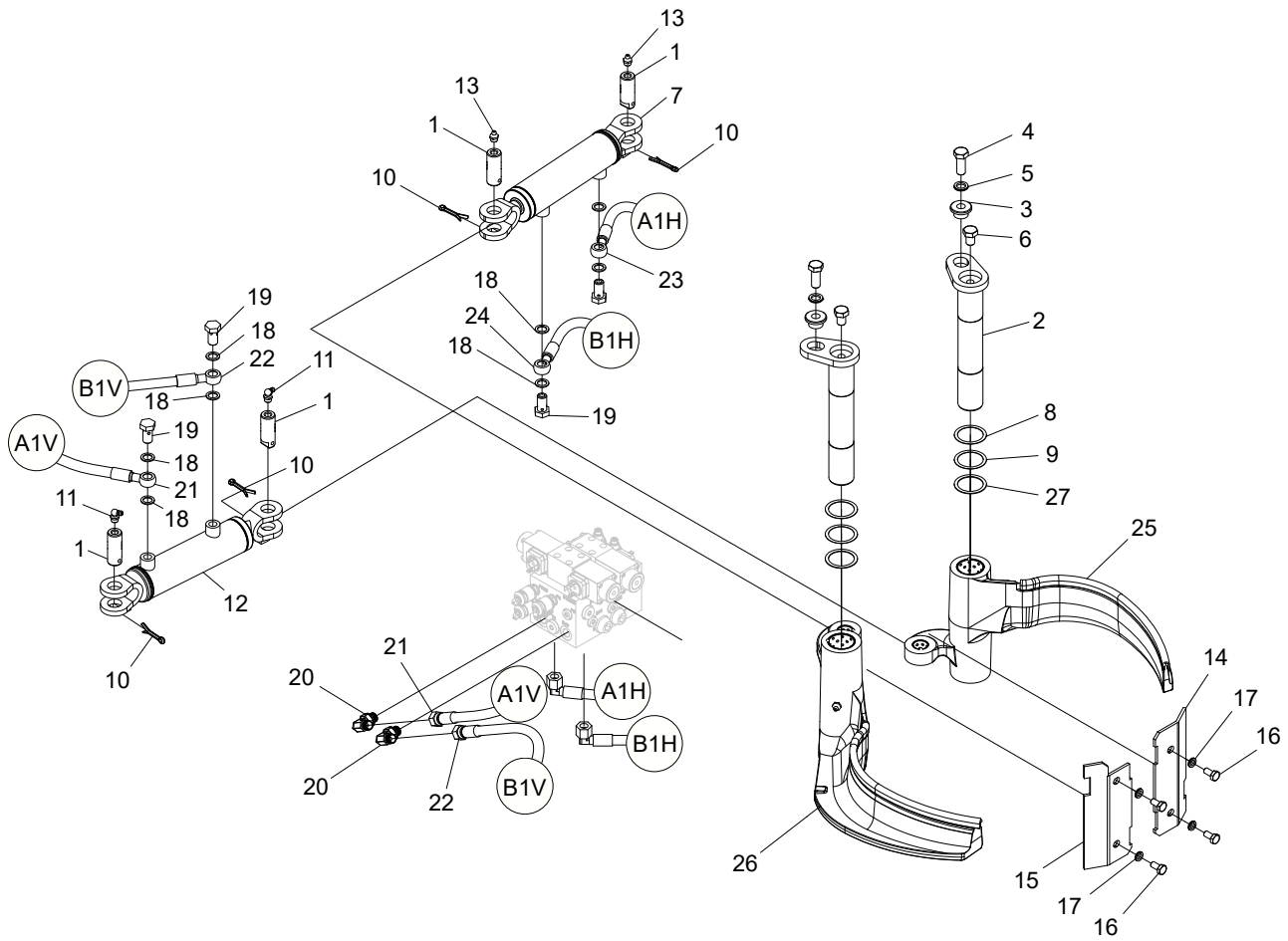
2. Delimiting unit

Upper delimiting knife, assembly



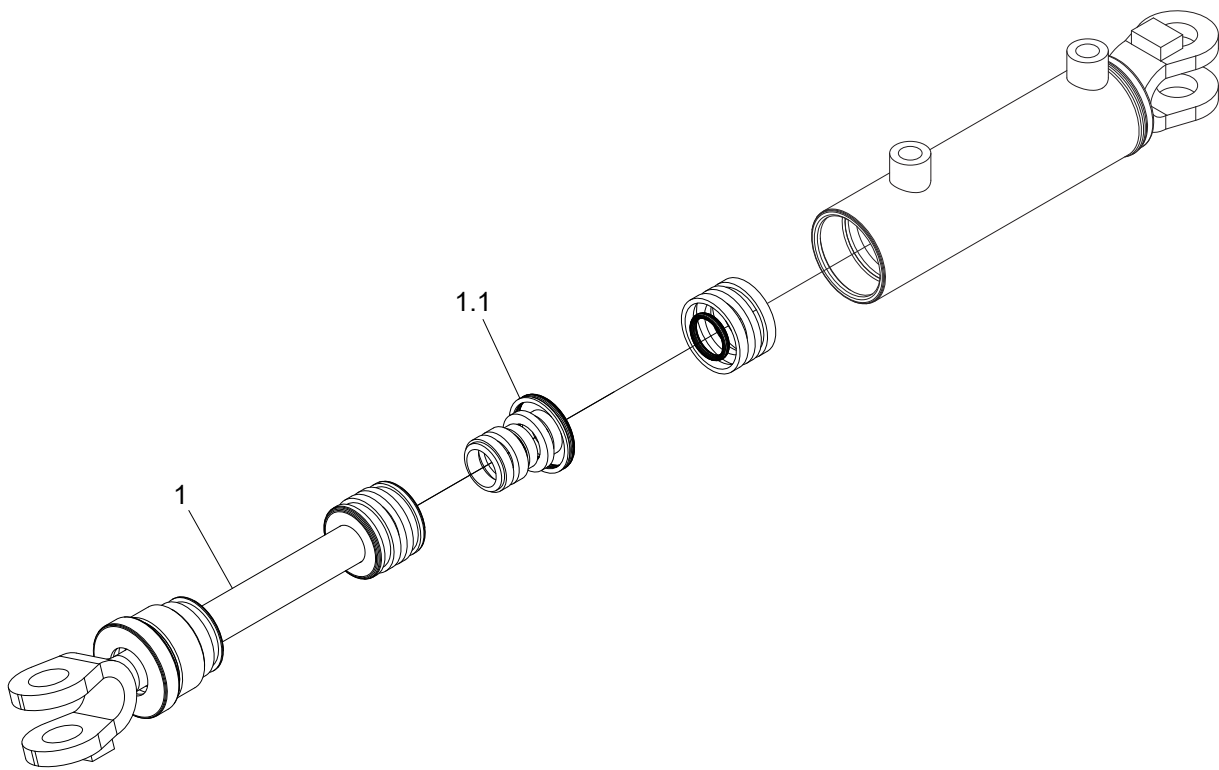
Structure 10000545				
Pos.	Part no.	Quantity	Description	Specification
1	010967	1	Arm	
2	503006	1	Washer	8,4x16x1,6 FZB
3	502054	1	Nut	M8 FZB
4	505003	1	Screw	M8x55 12.9
5	010981	1	Screw	
6	502007	1	Nut	M12 FZB
7	526006	1	Spring	
8	10001159	1	Spacer	
9	503013	1	Washer	17x30x3 FZB
10	500133	1	Screw	M16x50 8.8 FZB
11	502705	1	Nut	M16
12	401289	1	Sensor	
12.1	514054	1	Sensor screw	
12.2	401288	1	Sensor	
12.3	502701	1	Nut	M12x1.25 FZB
13	018395	1	Protection	
14	500023	4	Screw	M6x16 8.8 FZB
15	503065	4	Washer	NL6
16	10000543	1	Delimiting knife	
16.1	519010		Blade guard	
16.2			Glue	406
17	507020	1	Shim	16x22x0,5
18	507021	1	Shim	16x22x1,0

Left and right delimiting knife, assembly

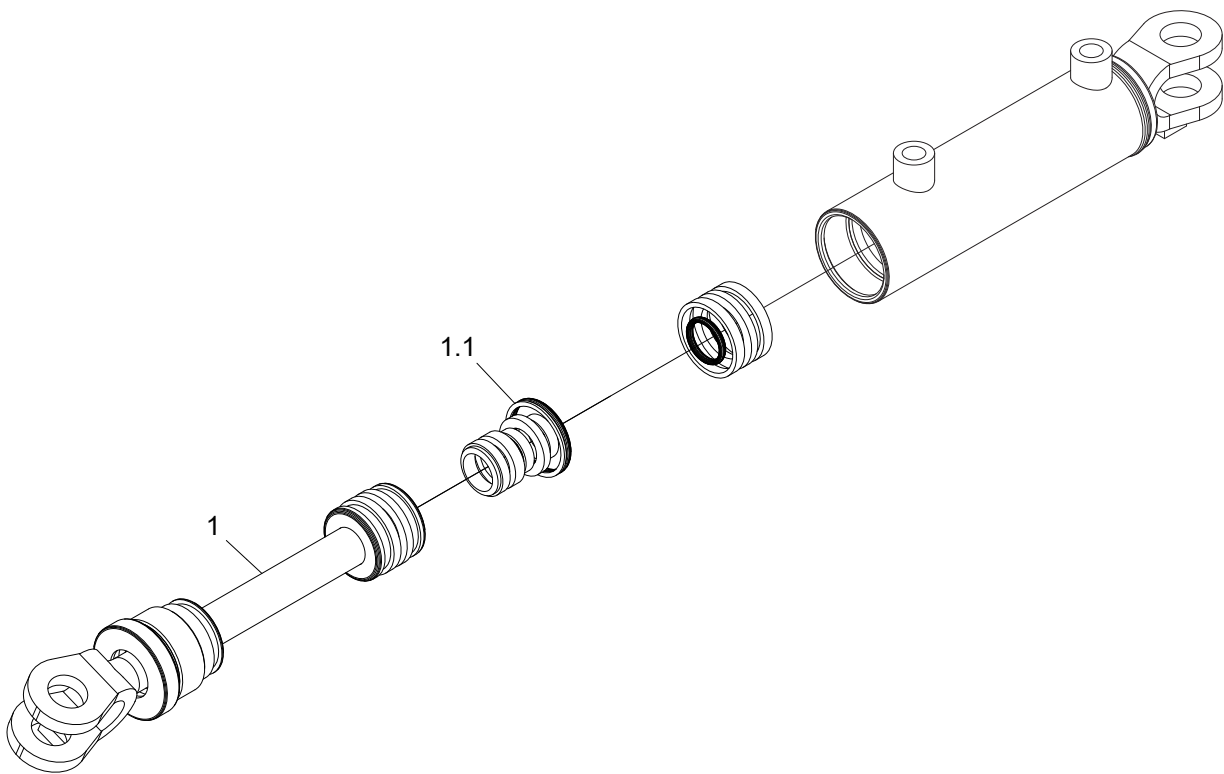


Structure 10000546				
Pos.	Part no.	Quantity	Description	Specification
1	010150	4	Pin	
2	017535	2	Pin	
3	013872	2	Guide washer	
4	500091	2	Screw	M12x30 8.8 FZB
5	503060	2	Washer	NL12
6	500087	2	Screw	M12x16
7	018351	1	Hydraulic cylinder	
8	507002	2	Shim	36x45x0,5
9	507003	2	Shim	36x45x0,3
10	516001	4	Cotter pin	5x32
11	625001	2	Grease nipple	1/8"
12	018352	1	Hydraulic cylinder	
13	625000	2	Grease nipple	1/8"
14	012161	1	Cover	
15	012162	1	Cover	
16	500042	4	Screw	M8x16 8.8 FZB
17	503074	4	Washer	NL8 sp
18	601200	8	Copper seal	13x19x1,5
19	601060	4	Banjo screw	1/4"
20	602020	2	Adapter	90 BSP -04 -04
21	641624	1	Hydraulic hose	
22	641625	1	Hydraulic hose	
23	641626	1	Hydraulic hose	
24	641627	1	Hydraulic hose	
25	10000539	1	Delimiting knife	
26	10000540	1	Delimiting knife	
27	507001	2	Shim	36x45x1,0

Hydraulic cylinder



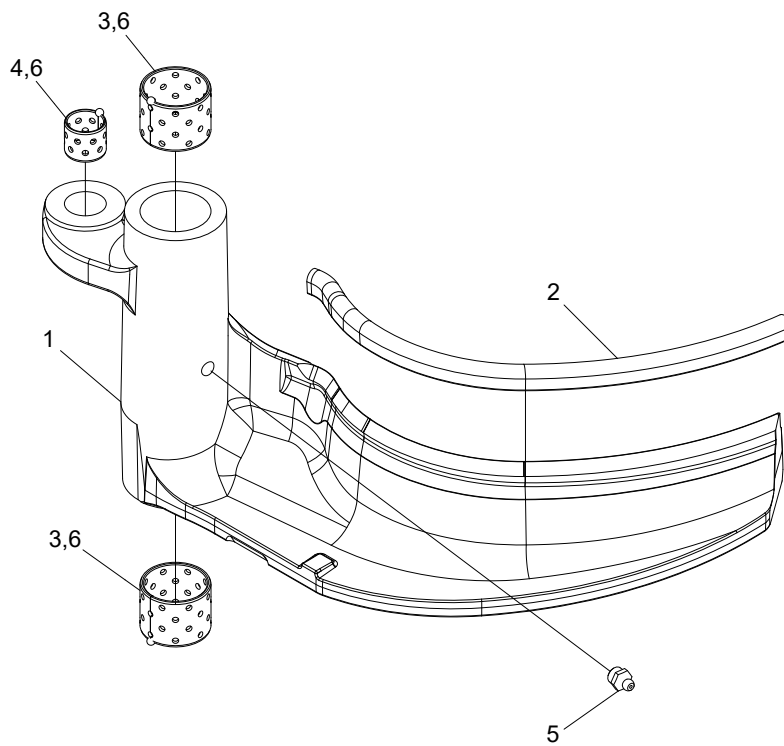
Structure 018351				
Pos.	Part no.	Quantity	Description	Specification
1	10001612	1	Tie rod kit	
1.1	10001611	1	Seal kit	



Hydraulic cylinder

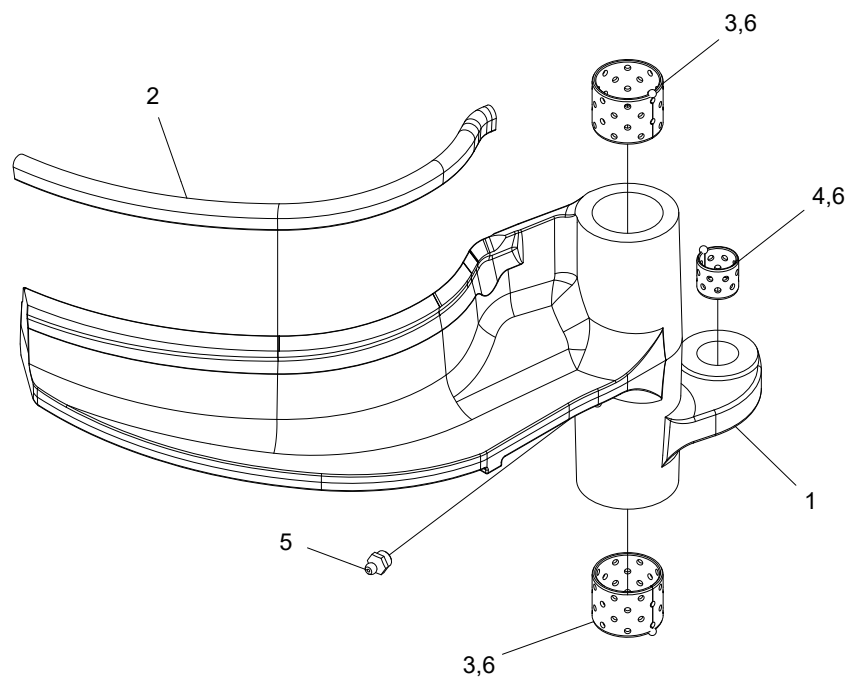
Structure 018352				
Pos.	Part no.	Quantity	Description	Specification
1	10001625	1	Tie rod kit	
1.1	10001611	1	Seal kit	

Right delimiting knife



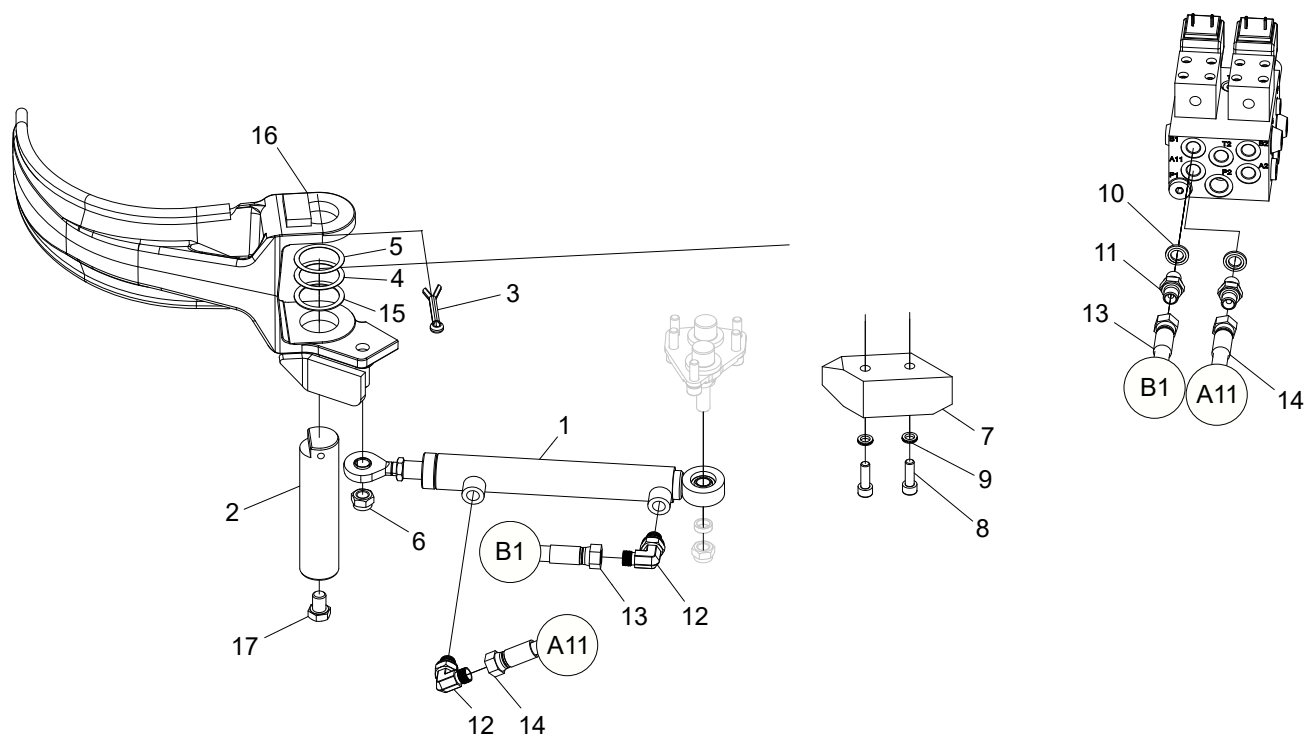
Structure 10000540				
Pos.	Part no.	Quantity	Description	Specification
1	10000532	1	Delimiting knife	
2	519010	0,31 m	Blade guard	
3	512012	2	Bushing	35x30
4	512001	1	Bushing	20x20
5	625000	1	Grease nipple	G 1/8"
6			Loctite	603

Left delimiting knife



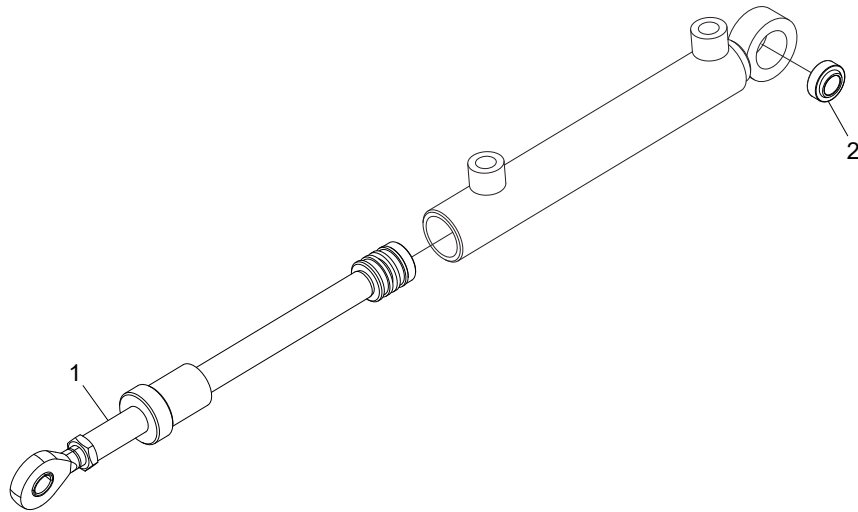
Structure 10000539				
Pos.	Part no.	Quantity	Description	Specification
1	10000530	1	Delimiting knife	
2	519010	0,31 m	Blade guard	
3	512012	2	Bushing	35x30
4	512001	1	Bushing	20x20
5	625000	1	Grease nipple	1/8"
6			Loctite	603

Lower delimiting knife, assembly



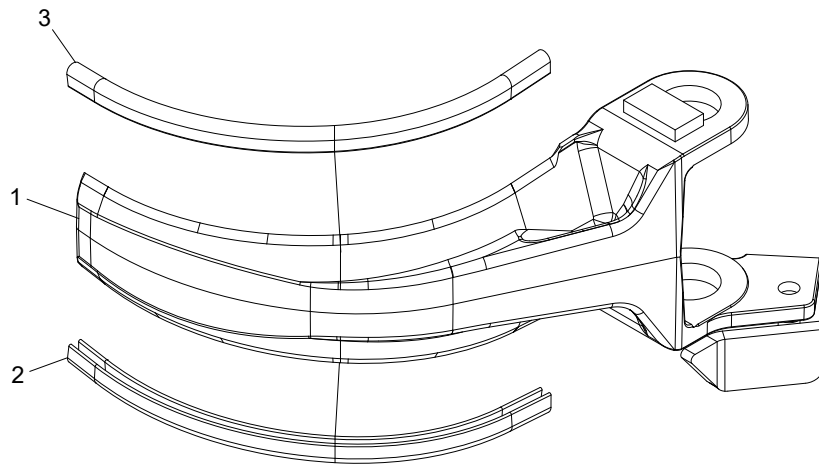
Structure 10000547				
Pos.	Part no.	Quantity	Description	Specification
1	010185	1	Hydraulic cylinder	
2	010178-1	1	Shaft	
3	516002	1	Cotter pin	6,3x50
4	507002	1	Shim	36x45x0,5
5	507003	1	Shim	36x45x0,3
6	502056	1	Nut	M12
7	011049	1	Protection	
8	501070	2	Screw	M8x25 12.9
9	503055	2	Washer	NL8
10	601101	2	Bonded seal	1/4"
11	601028	2	Adapter	BSP -04
12	602020	2	Adapter	90 BSP -04 -04
13	641628	1	Hydraulic hose	
14	641629	1	Hydraulic hose	
15	507001	1	Shim	36x45x1,0
16	10000535	1	Delimiting knife	
17	500087	1	Screw	M12x16

Hydraulic cylinder



Structure 010185				
Pos.	Part no.	Quantity	Description	Specification
1	620010-KIT	1	Tie rod kit	
2	510002	1	Bushing	GE 12 E

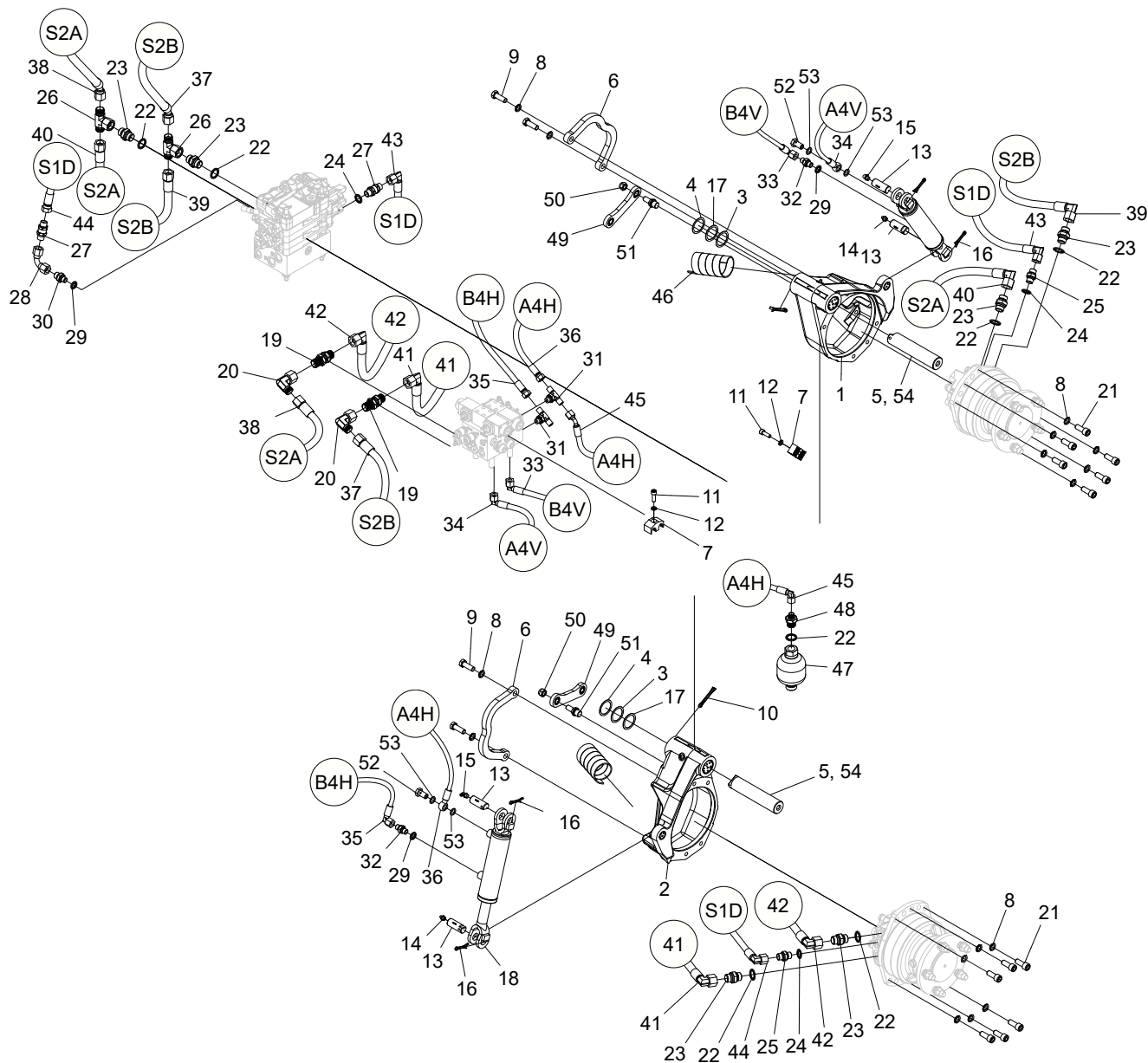
Lower delimiting knife



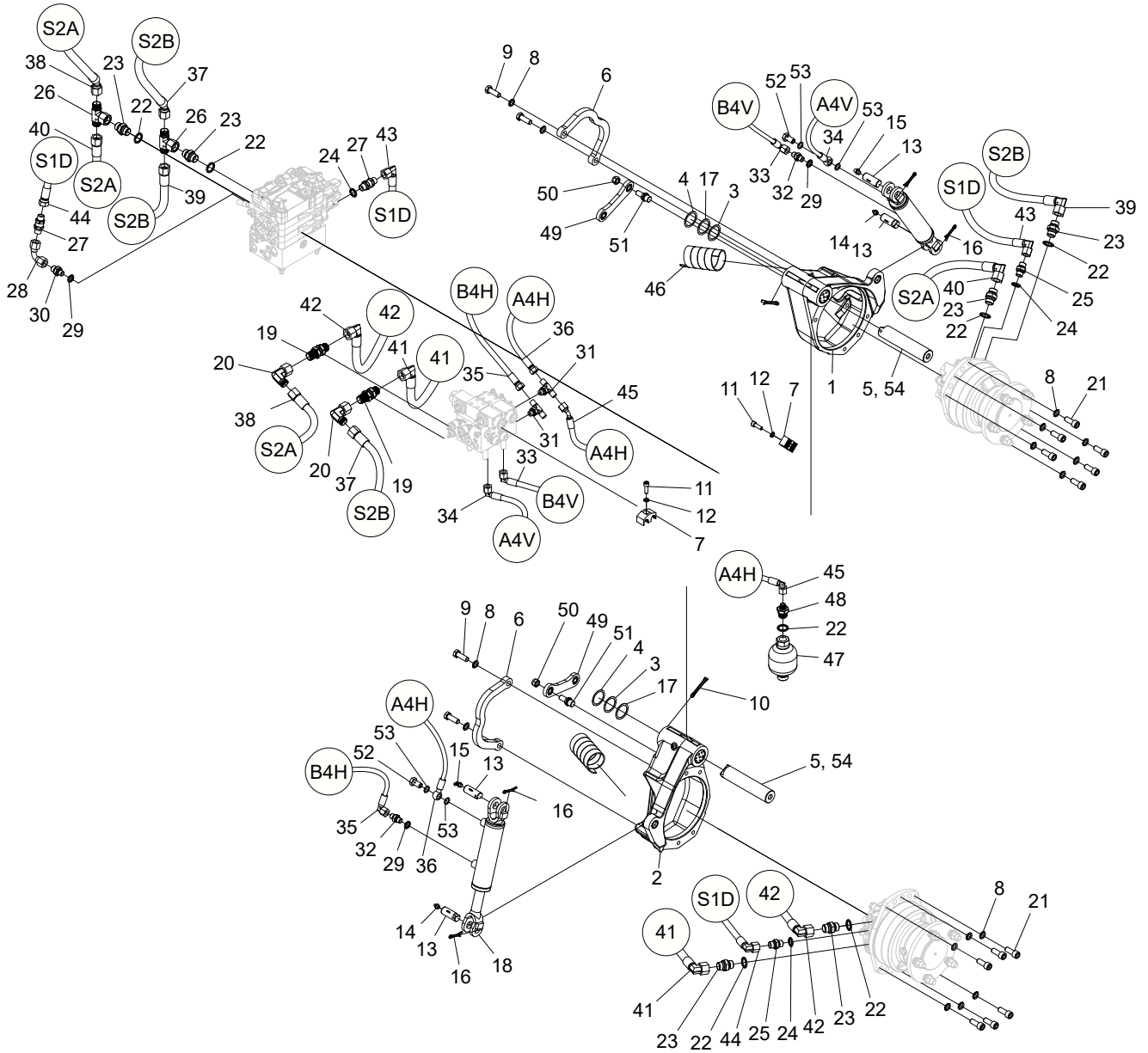
Structure 10000535				
Pos.	Part no.	Quantity	Description	Specification
1	10000534	1	Delimiting knife	
2	519010	0,30 m	Blade guard	
3	519010	0,30 m	Blade guard	

3. Feeding unit

Feeding unit, assembly

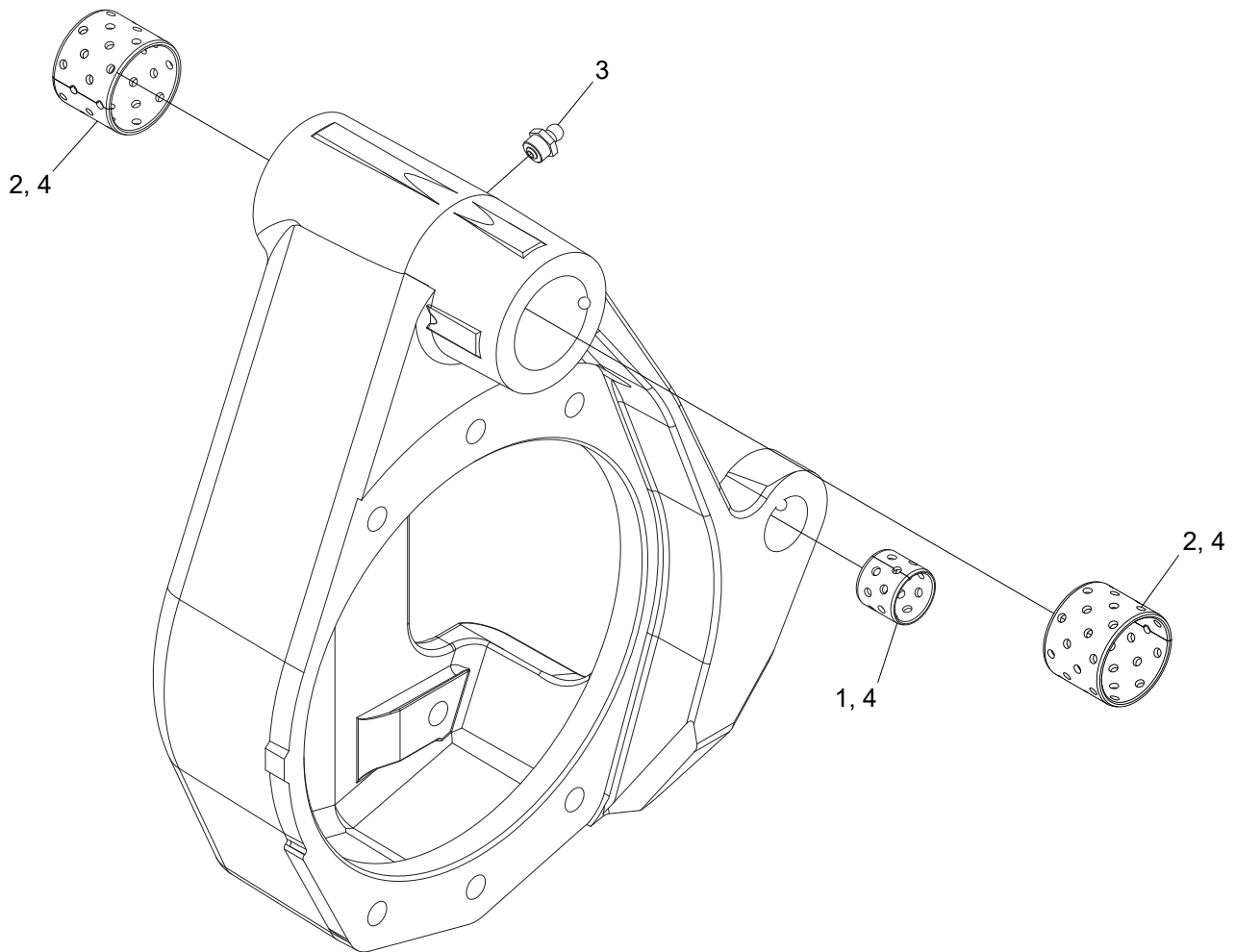


Structure 10000550				
Pos.	Part no.	Quantity	Description	Specification
1	032023	1	Feed roller arm	
2	032024	1	Feed roller arm	
3	507002	2	Shim	36x45x0,5
4	507003	2	Shim	36x45x0,3
5	010178-2	2	Shaft	Ø35 - 168
6	017992	2	Cover	
7	018371	2	Clamp	
8	503060	16	Washer	NL12
9	500092	4	Screw	M12x35 8.8 FZB
10	516002	2	Cotter pin	6,3x50
11	501070	2	Screw	M8x25 12.9
12	503055	2	Washer	NL8
13	010150	4	Shaft	
14	625000	2	Grease nipple	1/8"
15	625001	2	Grease nipple	1/8"
16	516001	4	Cotter pin	5x32
17	507001	2	Shim	36x45x1,0
18	018350	2	Hydraulic cylinder	
19	601212	2	Bulk head	1/2"
20	602026	2	Adapter	1/2"
21	501109	12	Screw	M12x30 12.9
22	601103	7	Bonded seal	1/2"
23	601036	6	Adapter	1/2"
24	601102	3	Bonded seal	3/8"
25	601032	2	Adapter	BSP -06
26	601017	2	Adapter	1/2"
27	617001	2	Check valve	BSP -06
28	601084	1	Adapter	BSP -06
29	601101	3	Bonded seal	1/4"
30	601029	1	Adapter	1/4" - 3/8"
31	602011	2	Adapter	BSP -04
32	601028	2	Adapter	BSP -04
33	641635	1	Hydraulic hose	



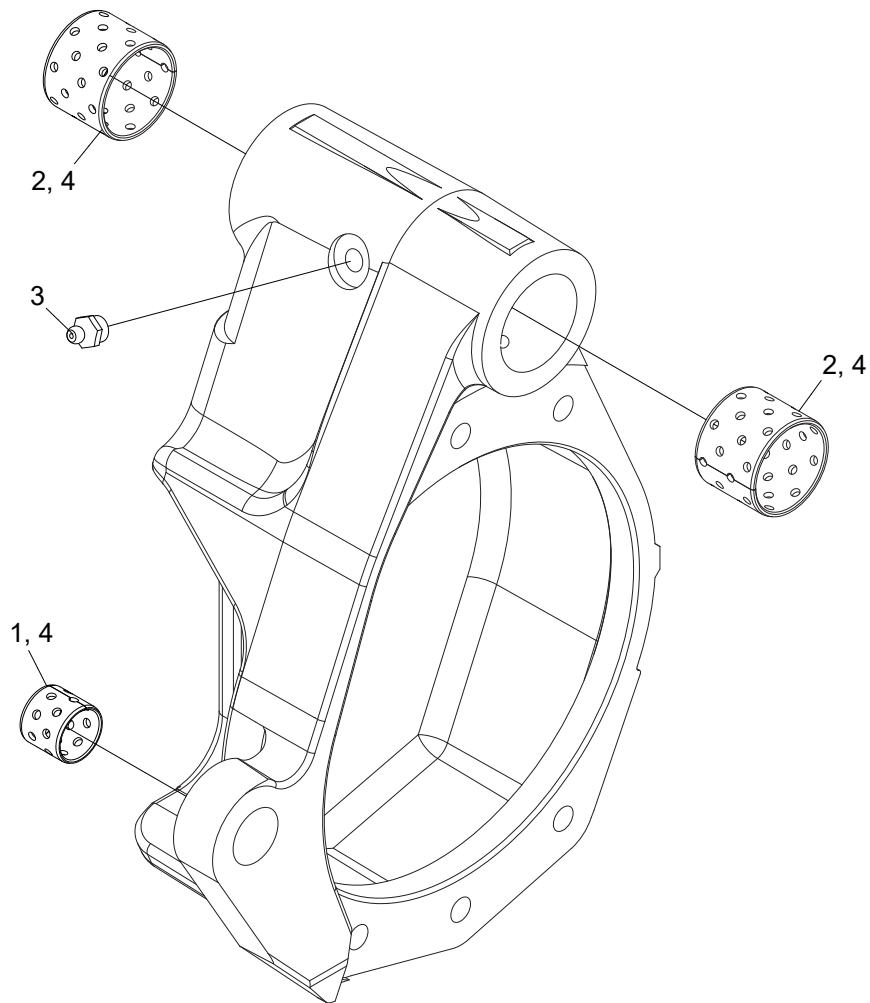
Structure				
Pos.	Part no.	Quantity	Description	Specification
34	641634	1	Hydraulic hose	
35	641633	1	Hydraulic hose	
36	641632	1	Hydraulic hose	
37	641637	1	Hydraulic hose	
38	641636	1	Hydraulic hose	
39	641641	1	Hydraulic hose	
40	641640	1	Hydraulic hose	
41	641639	1	Hydraulic hose	
42	641638	1	Hydraulic hose	
43	641643	1	Hydraulic hose	
44	641642	1	Hydraulic hose	
45	641644	1	Hydraulic hose	
46	615051		Hose protection	2"
47	610114	1	Accumulator	
48	601030	1	Adapter	1/4" - 1/2"
49	010931	2	Tie rod	
50	502056	2	Nut	M12
51	012152	2	Pin	
52	601060	2	Banjo screw	1/4"
53	601200	4	Copper seal	13x19x1,5
54			Glue	243

Feed roller arm, left



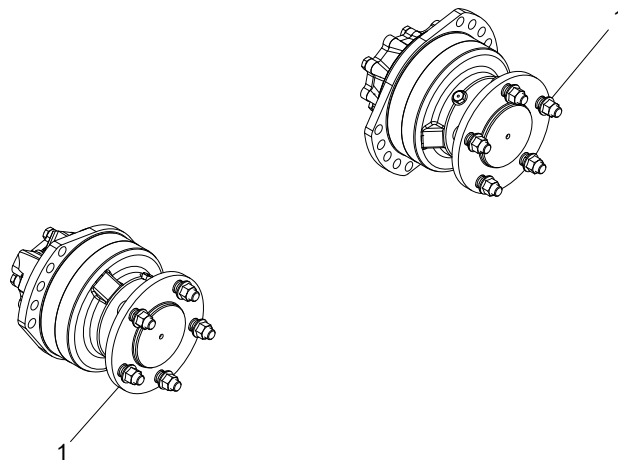
Structure 032023				
Pos.	Part no.	Quantity	Description	Specification
1	512001	1	Bushing	20x20
2	512012	2	Bushing	35x30
3	625000	1	Grease nipple	1/8"
4			Glue	603

Feed roller arm, right



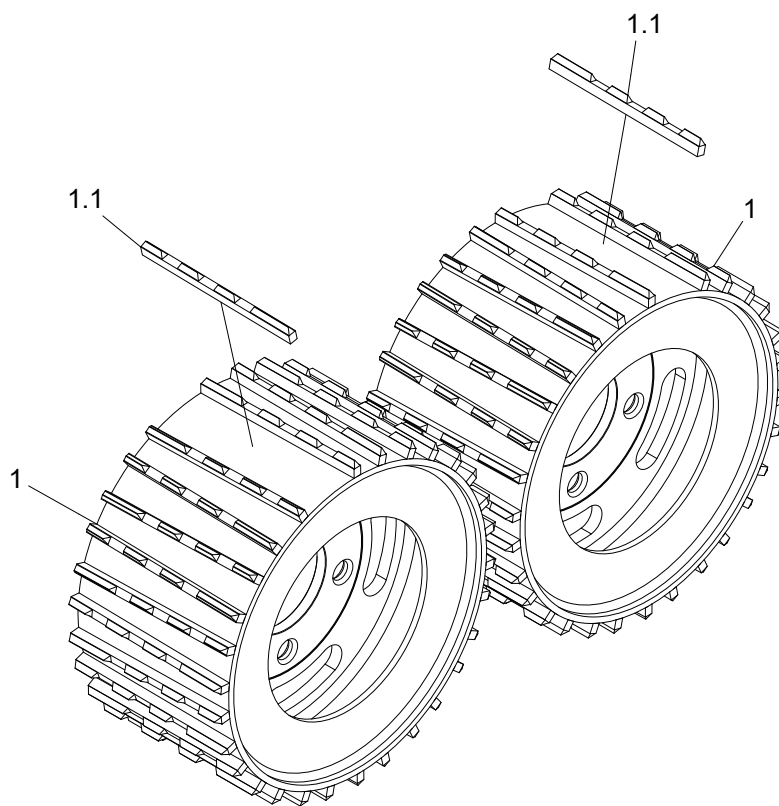
Structure 032024				
Pos.	Part no.	Quantity	Description	Specification
1	512001	1	Bushing	20x20
2	512012	2	Bushing	35x30
3	625000	1	Grease nipple	1/8"
4			Glue	603

Feed roller motors



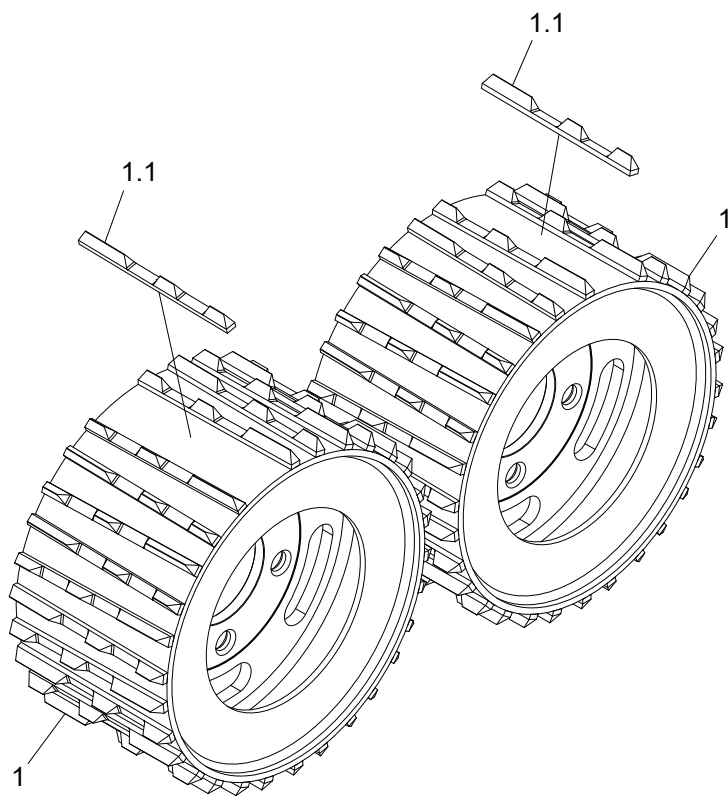
Structure 10000551				
Pos.	Part no.	Quantity	Description	Specification
1	10000301	2	Feed roller motor	280 cc

Feed rollers, V-steel Soft Grip



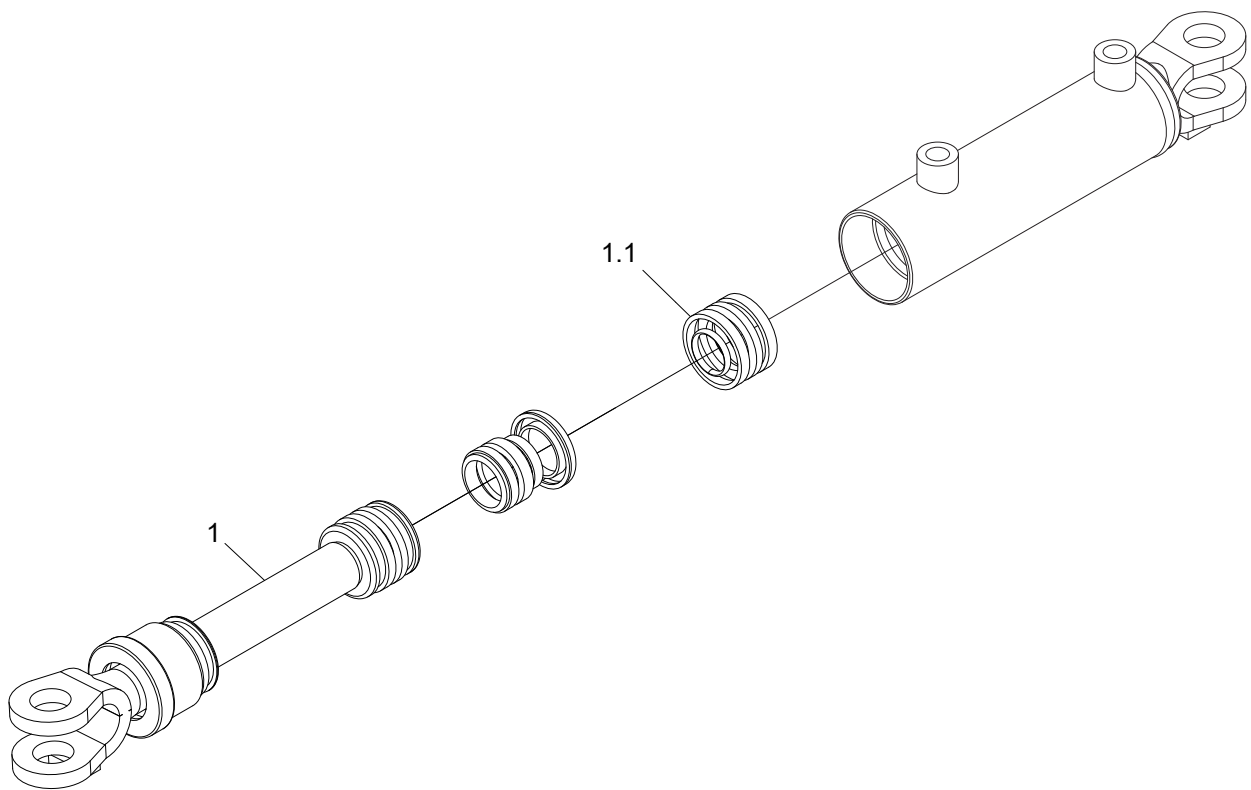
Structure 033064				
Pos.	Part no.	Quantity	Description	Specification
1	032094	2	Feed roller	
1.1	016633	30	Bar	

Feed rollers, V-steel Hard Grip



Structure 033065				
Pos.	Part no.	Quantity	Description	Specification
1	032095	2	Feed roller	
1.1	017082	30	Bar	

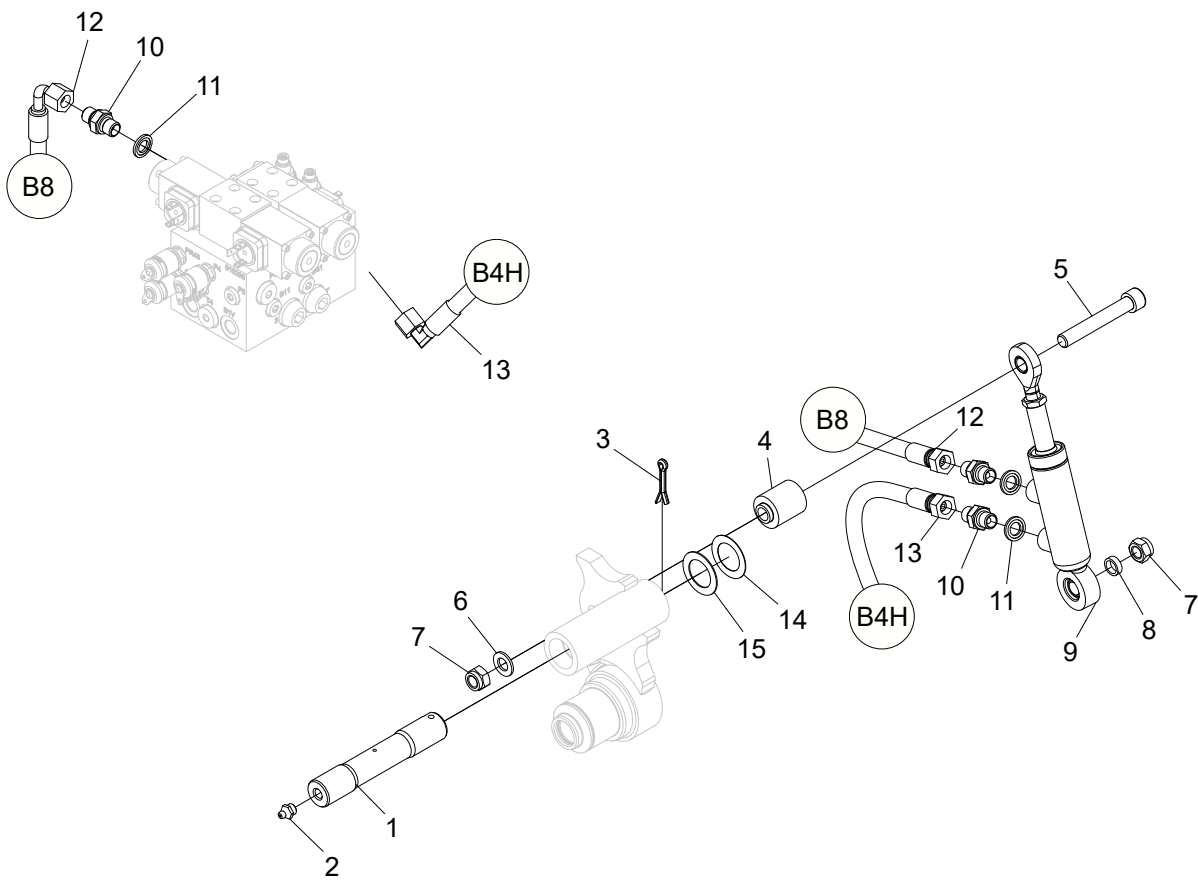
Hydraulic cylinder



Structure 018350				
Pos.	Part no.	Quantity	Description	Specification
1	10001610	1	Tie rod kit	
1.1	10001609	1	Seal kit	

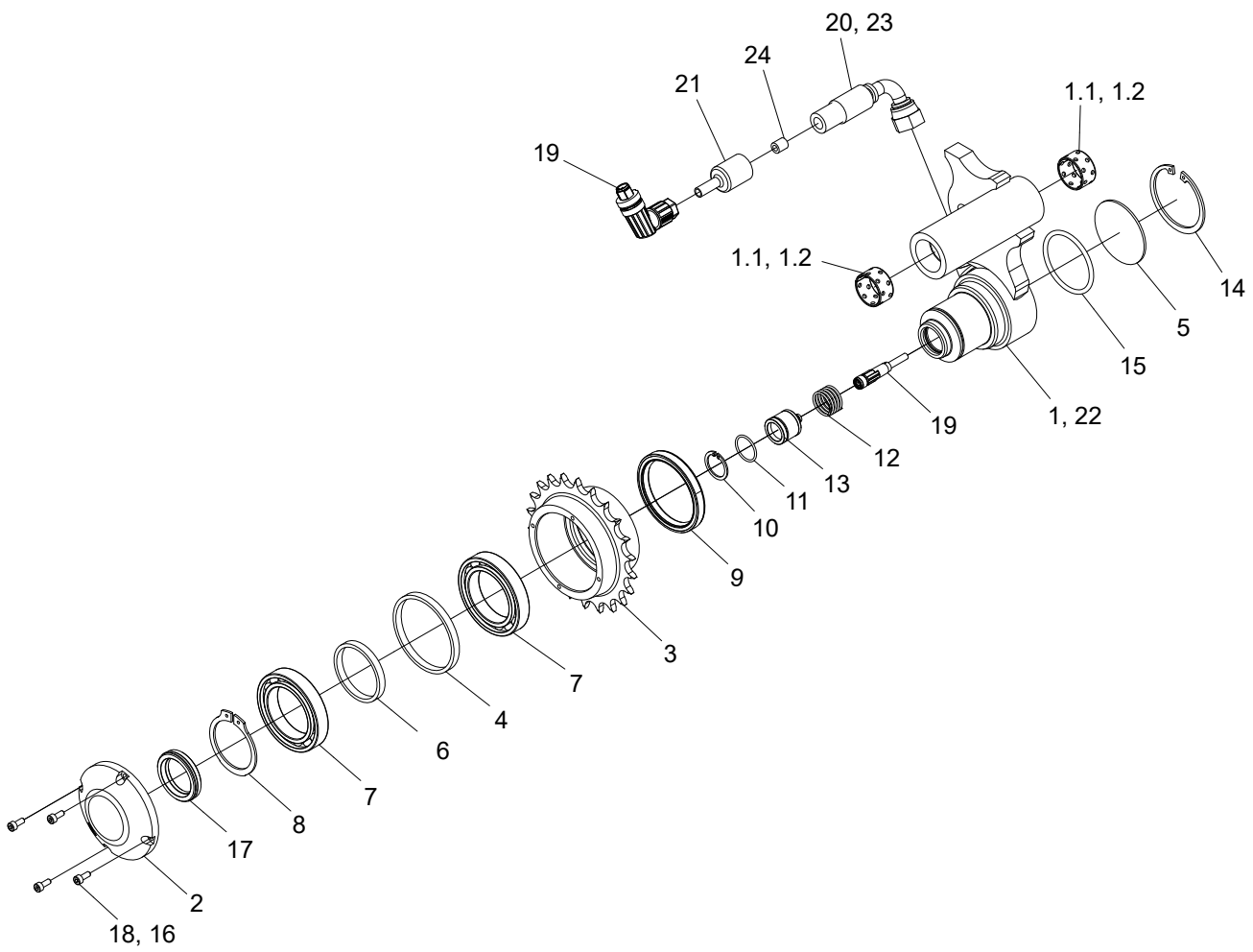
4. Measuring

Length measuring unit, assembly



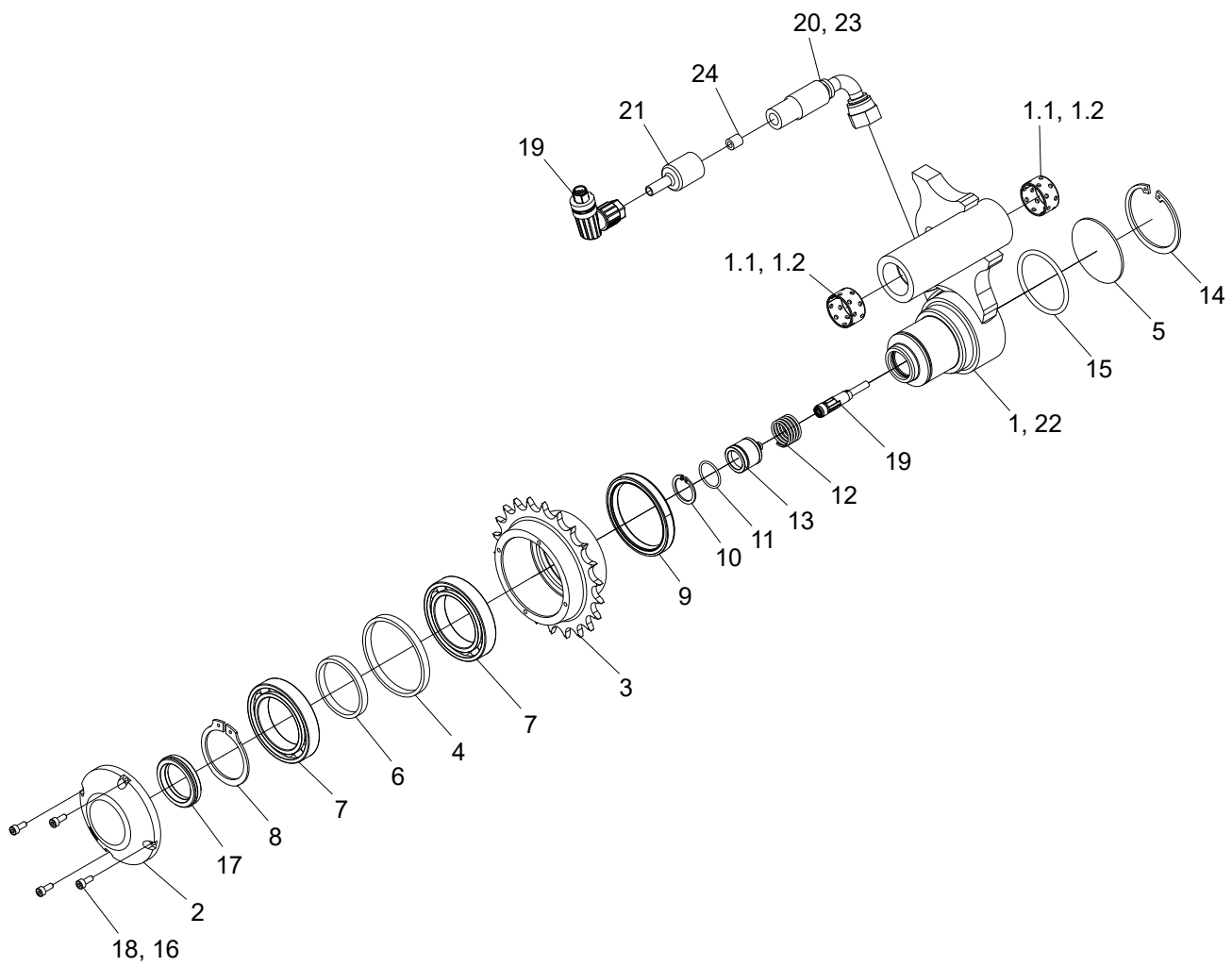
Structure 10000657				
Pos.	Part no.	Quantity	Description	Specification
1	011087	1	Pin	
2	625000	1	Grease nipple	1/8"
3	516001	1	Cotter pin	5x32
4	010945	1	Spacer	
5	501117	1	Screw	M12x80 12.9
6	503009	1	Washer	12x22x2,0
7	502056	2	Nut	M12
8	010170	1	Spacer	
9	018349	1	Hydraulic cylinder	
10	601028	3	Adapter	BSP -04
11	601101	3	Bonded seal	1/4"
12	641651	1	Hydraulic hose	
13	641652	1	Hydraulic hose	
14	507057	1	Shim	26x40x0,5
15	507057-1	1	Shim	26x40x1,0

Measuring arm, LM510



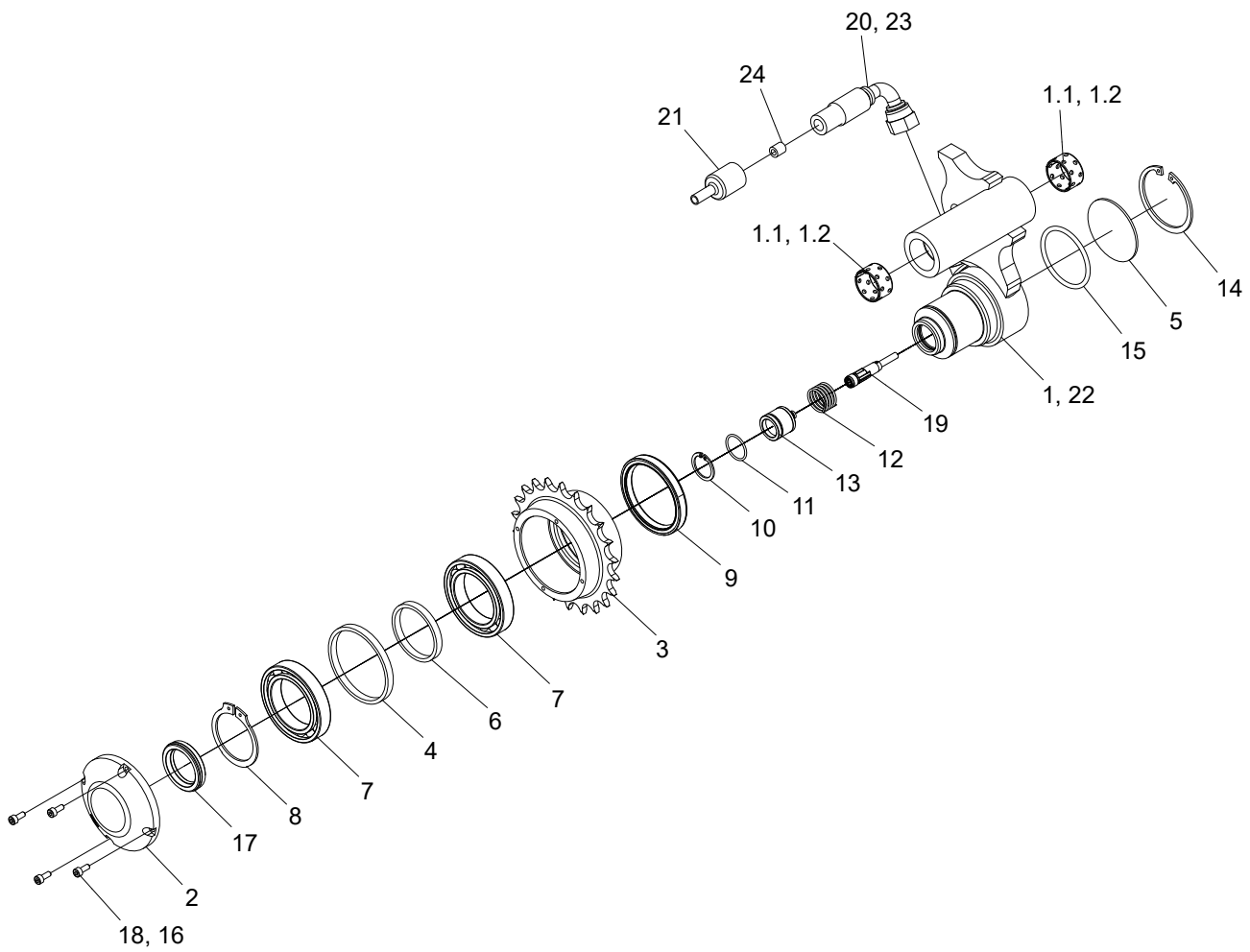
Structure 10001402				
Pos.	Part no.	Quantity	Description	Specification
1	10000041	1	Measuring wheel arm	
1.1	512004	2	Bushing	
1.2			Glue	603
2	10000132	1	Cap	
3	10000164	1	Wheel rim	
4	011667	1	Spacer	
5	018876	1	Cap	
6	10000163	1	Spacer	
7	10000161	2	Ball bearing	
8	517051	1	Circlip	SGA 45
9	10000162	1	Seal	
10	517215	1	Circlip	SGH 23
11	540014	1	O-ring	17,1x1,6
12	526041	1	Spring	1,6x20x33,2
13	401382	1	Sensor	
14	517249	1	Circlip	SGH 56
15	543076	1	O-ring	48x3,5
16			Glue	243
17	10003668	1	Seal kit	
18	501013	4	Screw	M4x10 12.9
19	672050	1	Cable	
20	641411	1	Hose	
21	015113	1	Seal	
22	522111		Grease	
23			Glue	270
24	615021		Hose	

Measuring wheel arm, Forester



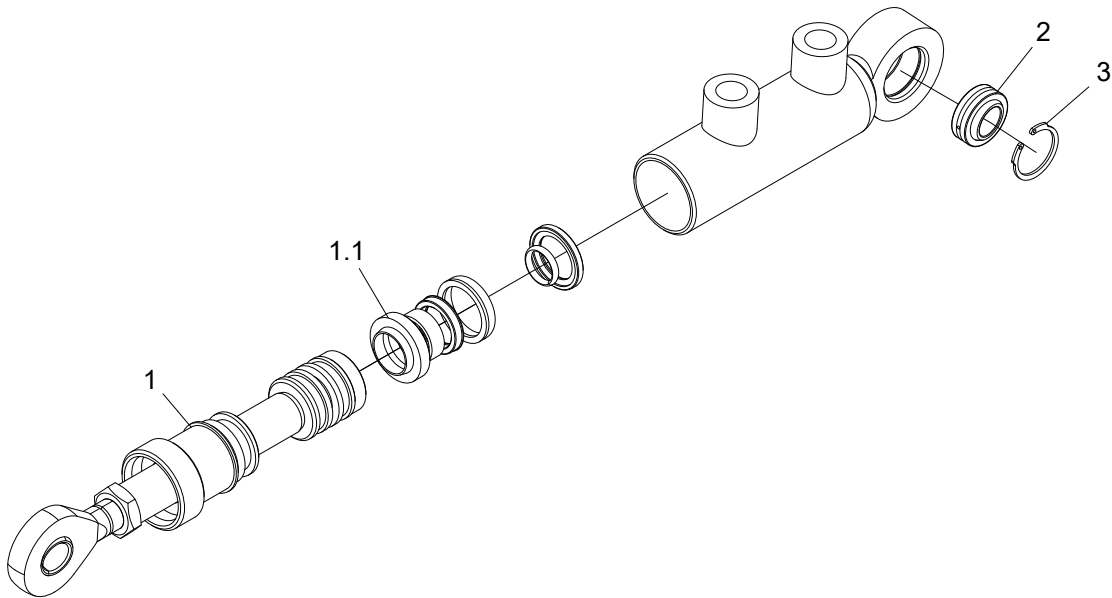
Structure 10000160				
Pos.	Part no.	Quantity	Description	Specification
1	10000041	1	Measuring wheel arm	
1.1	512004	2	Bushing	
1.2			Glue	603
2	10000132	1	Cap	
3	10000164	1	Wheel rim	
4	011667	1	Spacer	
5	018876	1	Cap	
6	10000163	1	Spacer	
7	10000161	2	Ball bearing	
8	517051	1	Circlip	SGA 45
9	10000162	1	Seal	
10	517215	1	Circlip	SGH 23
11	540014	1	O-ring	17,1x1,6
12	526041	1	Spring	1,6x20x33,2
13	401382	1	Sensor	
14	517249	1	Circlip	SGH 56
15	543076	1	O-ring	48x3,5
16			Glue	243
17	10003668	1	Seal kit	
18	501013	4	Screw	M4x10 12.9
19	672036	1	Cable	
20	641411	1	Hose	
21	015113	1	Seal	
22	522111		Grease	
23			Glue	270
24	615021		Hose	

Measuring wheel arm, Interface



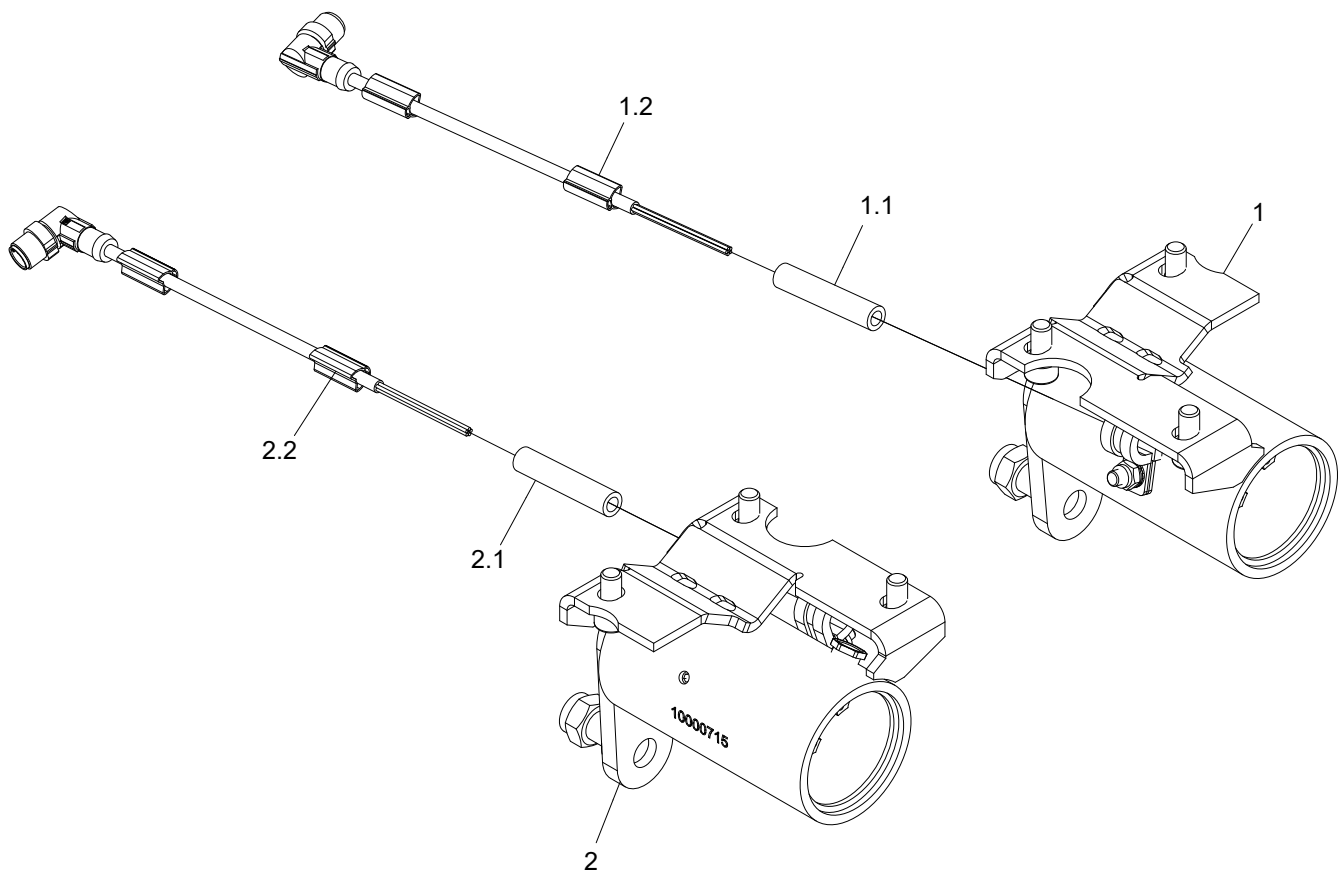
Structure 10000165				
Pos.	Part no.	Quantity	Description	Specification
1	10000041	1	Measuring wheel arm	
1.1	512004	2	Bushing	
1.2			Glue	603
2	10000132	1	Cap	
3	10000164	1	Wheel rim	
4	011667	1	Spacer	
5	018876	1	Cap	
6	10000163	1	Spacer	
7	10000161	2	Ball bearing	
8	517051	1	Circlip	SGA 45
9	10000162	1	Seal	
10	517215	1	Circlip	SGH 23
11	540014	1	O-ring	17,1x1,6
12	526041	1	Spring	1,6x20x33,2
13	401383	1	Sensor	
14	517249	1	Circlip	SGH 56
15	543076	1	O-ring	48x3,5
16			Glue	243
17	10003668	1	Seal kit	
18	501013	4	Screw	M4x10 12.9
19	554139	1	Cable	
20	641411	1	Hose	
21	015113	1	Seal	
22	522111		Grease	
23			Glue	270
24	615021		Hose	

Hydraulic cylinder



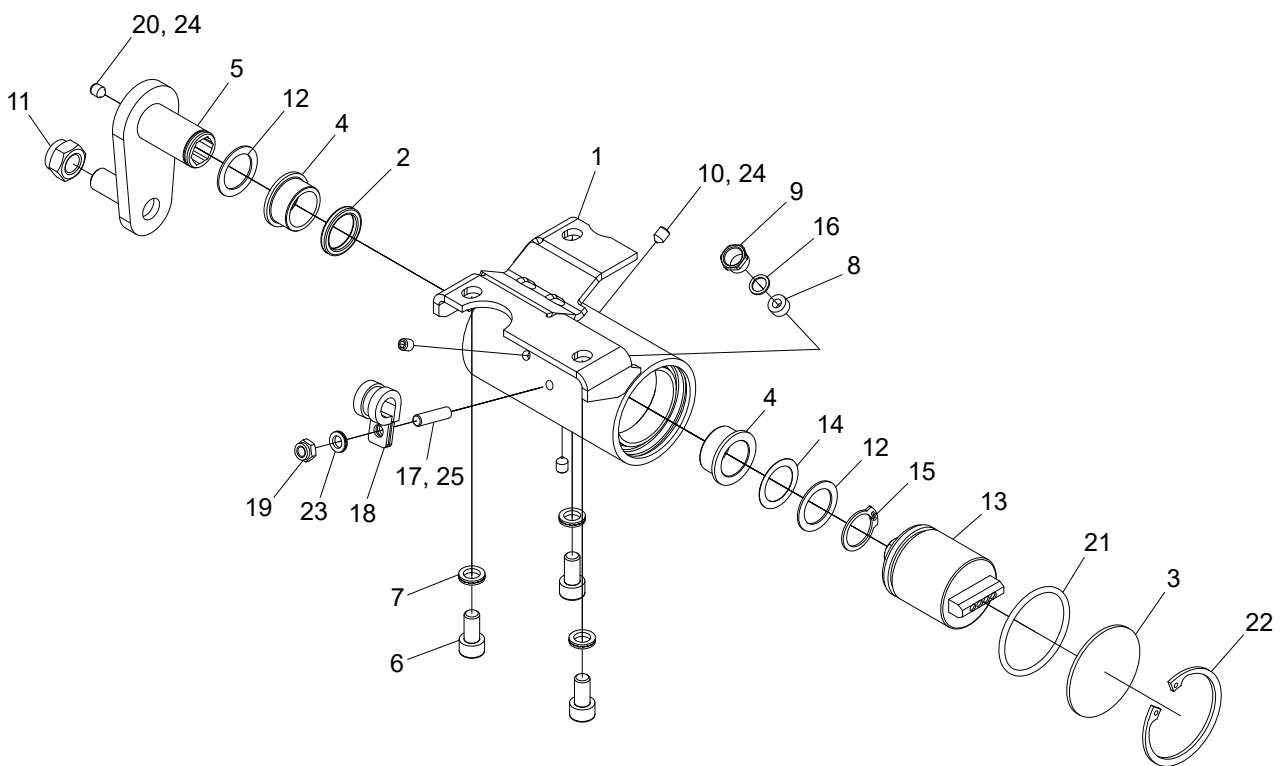
Structure 018349				
Pos.	Part no.	Quantity	Description	Specification
1	10001608	1	Tie rod kit	
1.1	10001607	1	Seal kit	GE12E
2	015220	1	Spherical bushing	GE12E
3	517214	1	Circlip	JV 22

Diameter measuring



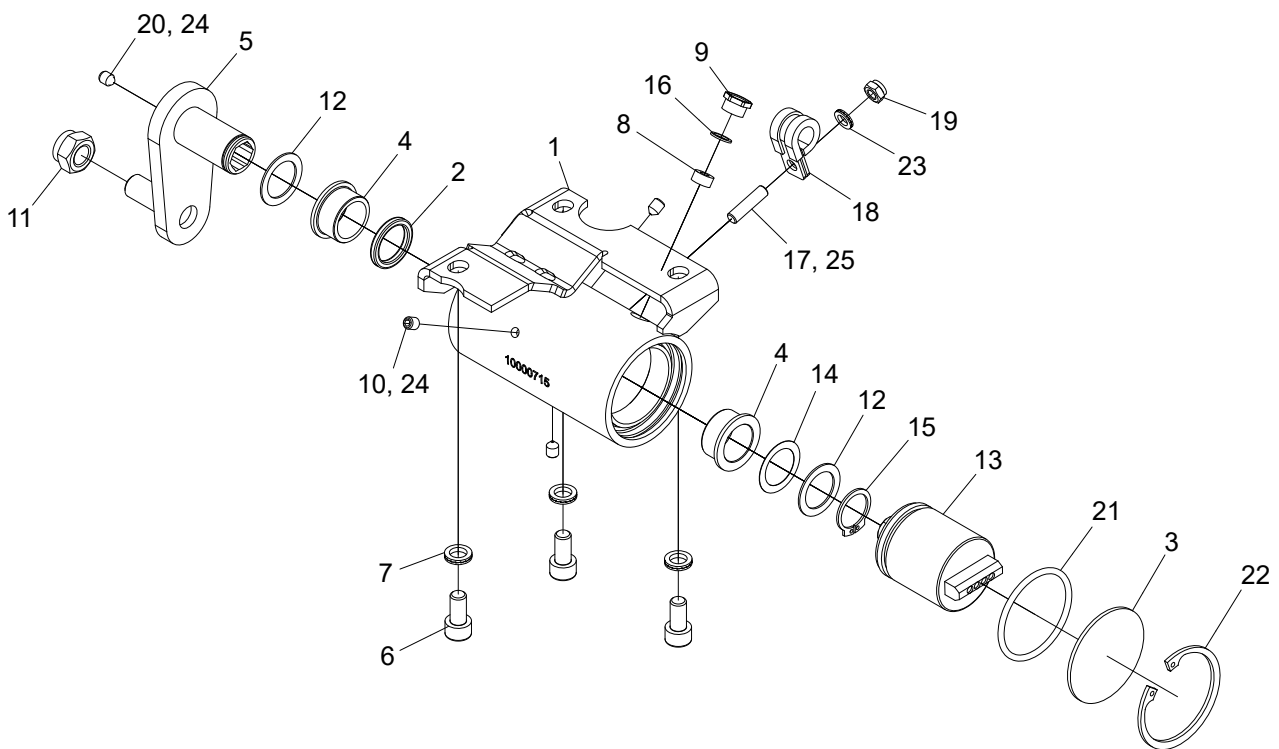
Structure 10000665				
Pos.	Part no.	Quantity	Description	Specification
1	10000717	1	Encoder	
1.1	615020		Hose	ID 6 mm, 600 mm
1.2	672039	1	Cable	
2	10000718	1	Encoder	
2.1	615020		Hose	ID 6 mm, 600 mm
2.2	672038	1	Cable	

Encoder housing



Structure 10000719				
Pos.	Part no.	Quantity	Description	Specification
1	10000716	1	Encoder housing	
2	10000666	1	Seal ring	
3	10000505	1	Cap	
4	10001287	2	Sliding bearing	
5	013555	1	Link arm	
6	501067	3	Screw	M8x16 12.9
7	503055	3	Washer	NL8
8	401262	1	Rubber bushing	PG7
9	401260	1	Nut	PG7
10	513010	3	Stop screw	M6x8
11	502056	1	Nut	M12
12	507006	2	Shim	20x28x1
13	401314	1	Encoder	
14	507008	1	Shim	20x28x0,2
15	517027	1	Circlip	SGA 20
16	401261	1	Washer	PG7
17	505053	1	Pin screw	M6x23,5
18	622049	1	Clamp	
19	502053	1	Nut	M6
20	513040	1	Stop screw	M6x6
21	543027	1	O-ring	Ø44,2x3,0
22	517245	1	Circlip	SGH 52
23	503065	1	Washer	NL6
24			Threadlocker	542
25			Threadlocker	243

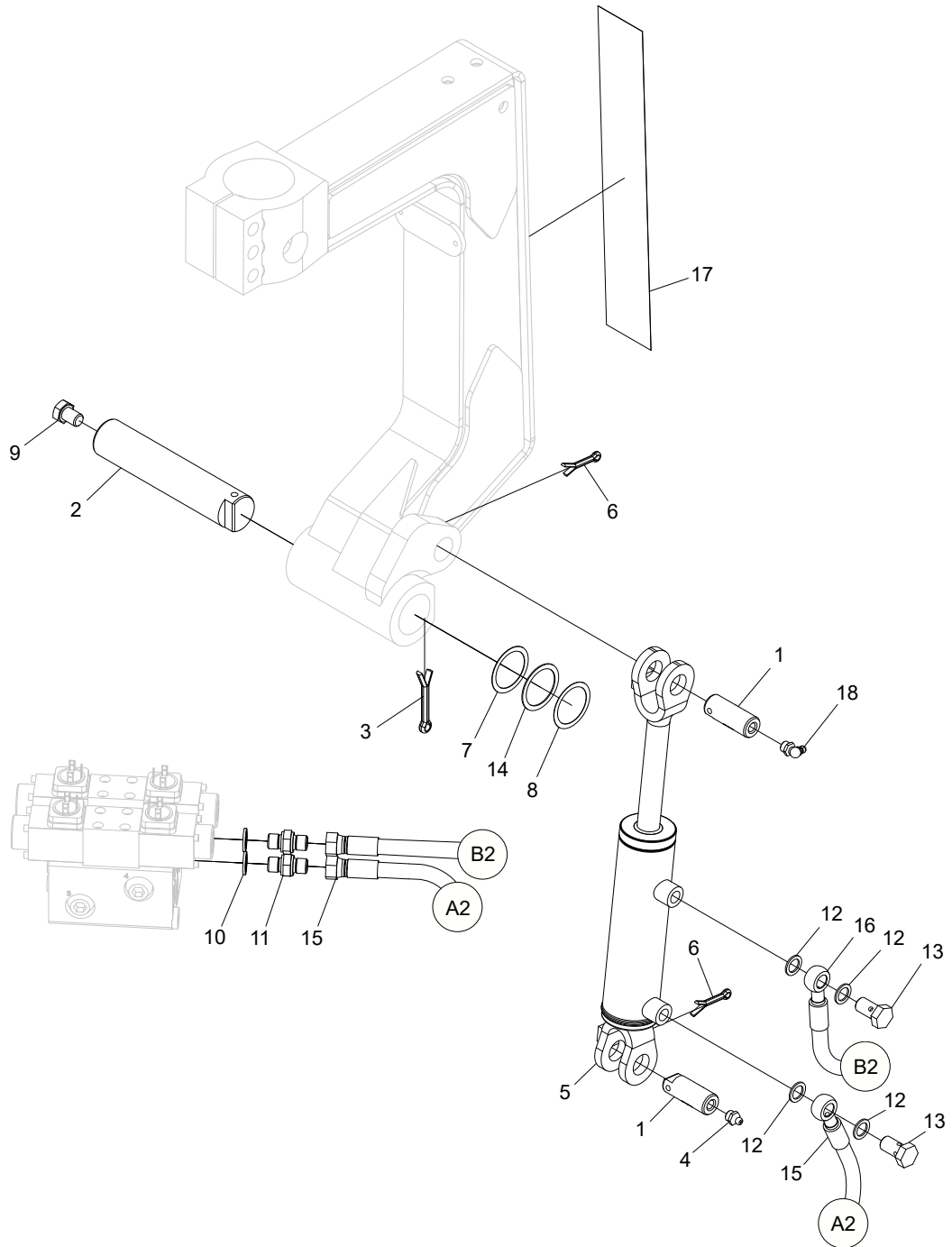
Encoder housing



Structure 10000720				
Pos.	Part no.	Quantity	Description	Specification
1	10000715	1	Encoder housing	
2	10000666	1	Seal ring	
3	10000505	1	Cap	
4	10001287	2	Sliding bearing	
5	013555	1	Link arm	
6	501067	3	Screw	M8x16 12.9
7	503055	3	Washer	NL8
8	401262	1	Rubber bushing	PG7
9	401260	1	Nut	PG7
10	513010	3	Stop screw	M6x8
11	502056	1	Nut	M12
12	507006	2	Shim	20x28x1
13	401314	1	Encoder	
14	507008	1	Shim	20x28x0,2
15	517027	1	Circlip	SGA 20
16	401261	1	Washer	PG7
17	505053	1	Pin screw	M6x23,5
18	622049	1	Clamp	
19	502053	1	Nut	M6
20	513040	1	Stop screw	M6x6
21	543027	1	O-ring	Ø44,2x3,0
22	517245	1	Circlip	SGH 52
23	503065	1	Washer	NL6
24			Threadlocker	542
25			Threadlocker	243

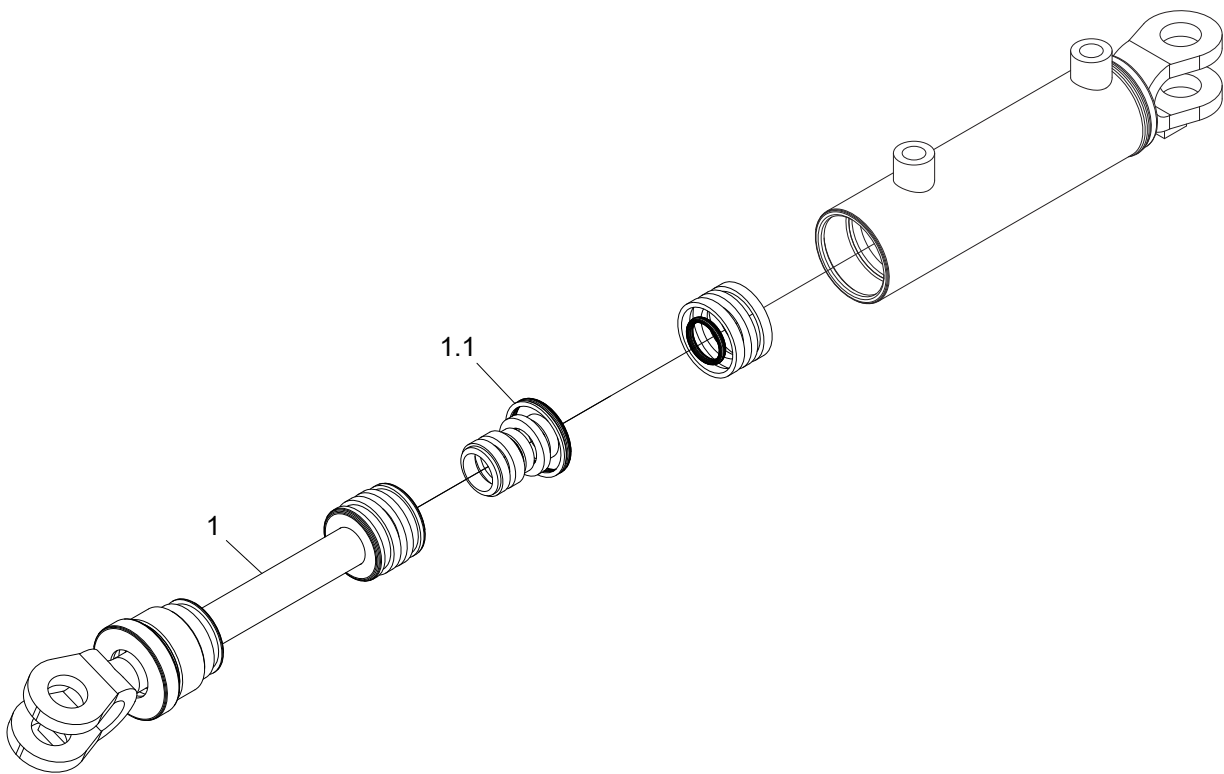
5. Felling unit

Felling unit, assembly



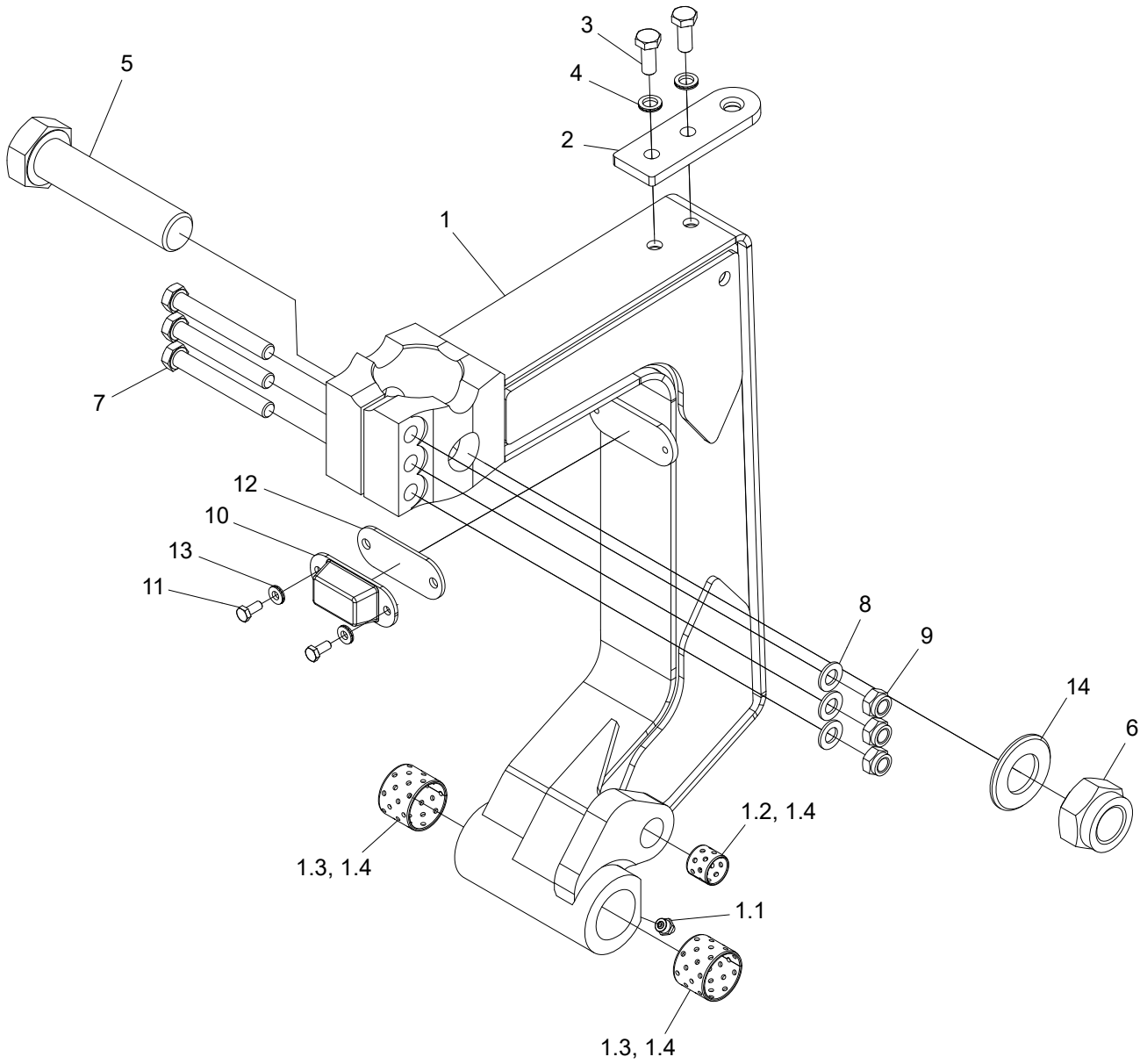
Structure 10000548				
Pos.	Part no.	Quantity	Description	Specification
1	010150	2	Pin	
2	010178-2	1	Pin	
3	516002	1	Cotter pin	6.3x50
4	625000	2	Grease nipple	1/8"
5	018352	1	Hydraulic cylinder	
6	516001	2	Cotter pin	5x32
7	507002	1	Shim	36x45x0,5
8	507003	1	Shim	36x45x0,3
9	500087	1	Screw	M12x16
10	601101	2	Bonded seal	1/4"
11	601028	2	Adapter	BSP -04
12	601200	4	Copper seal	13x19x1,5
13	601060	2	Banjo screw	1/4"
14	507001	1	Shim	36x45x1,0
15	641630	1	Hydraulic hose	
16	641631	1	Hydraulic hose	
17	10000372	1	Decal	
18	625001	1	Grease nipple	1/8"

Hydraulic cylinder



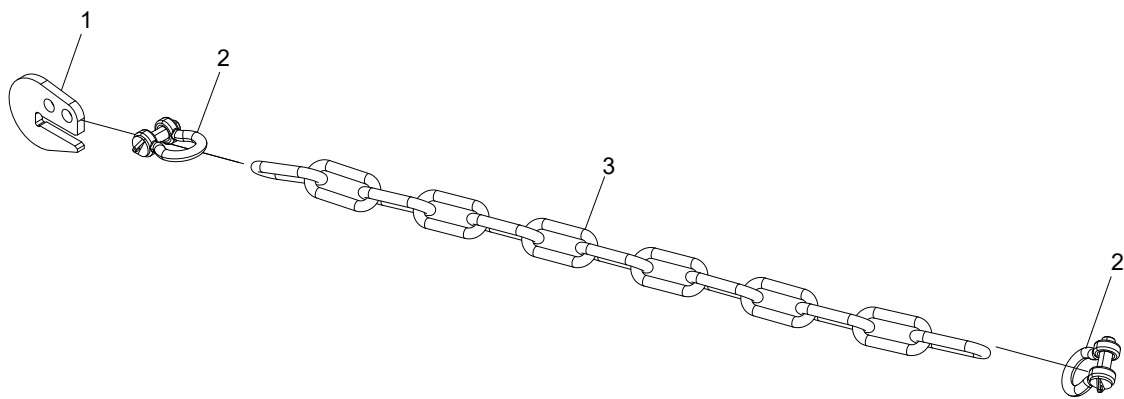
Structure 018352				
Pos.	Part no.	Quantity	Description	Specification
1	10001625	1	Tie rod kit	
1.1	10001611	1	Seal kit	

Felling link for GV4



Structure 10000549				
Pos.	Part no.	Quantity	Description	Specification
1	10002038	1	Felling link	
1.1	625000	1	Grease nipple	G 1/8"
1.2	512001	1	Bushing	20x20
1.3	512012	2	Bushing	35x30
1.4			Glue	603
2	011717	1	Bracket	
3	500068	2	Screw	M10x25 8.8 FZB
4	503057	2	Washer	NL10
5	505011	1	Screw	M30x130 8.8 FZB
6	502064	1	Nut	M30
7	500102	3	Screw	M12x90 8.8 FZB
8	503009	3	Washer	12x22x2 FZB
9	502056	3	Nut	M12
10	012845	1	Rubber damper	
11	500022	2	Screw	M6x14 8.8 FZB
12	011569	1	Shim	
13	503073	2	Washer	NL6 sp
14	503046	1	Washer	31x58x4 FZB

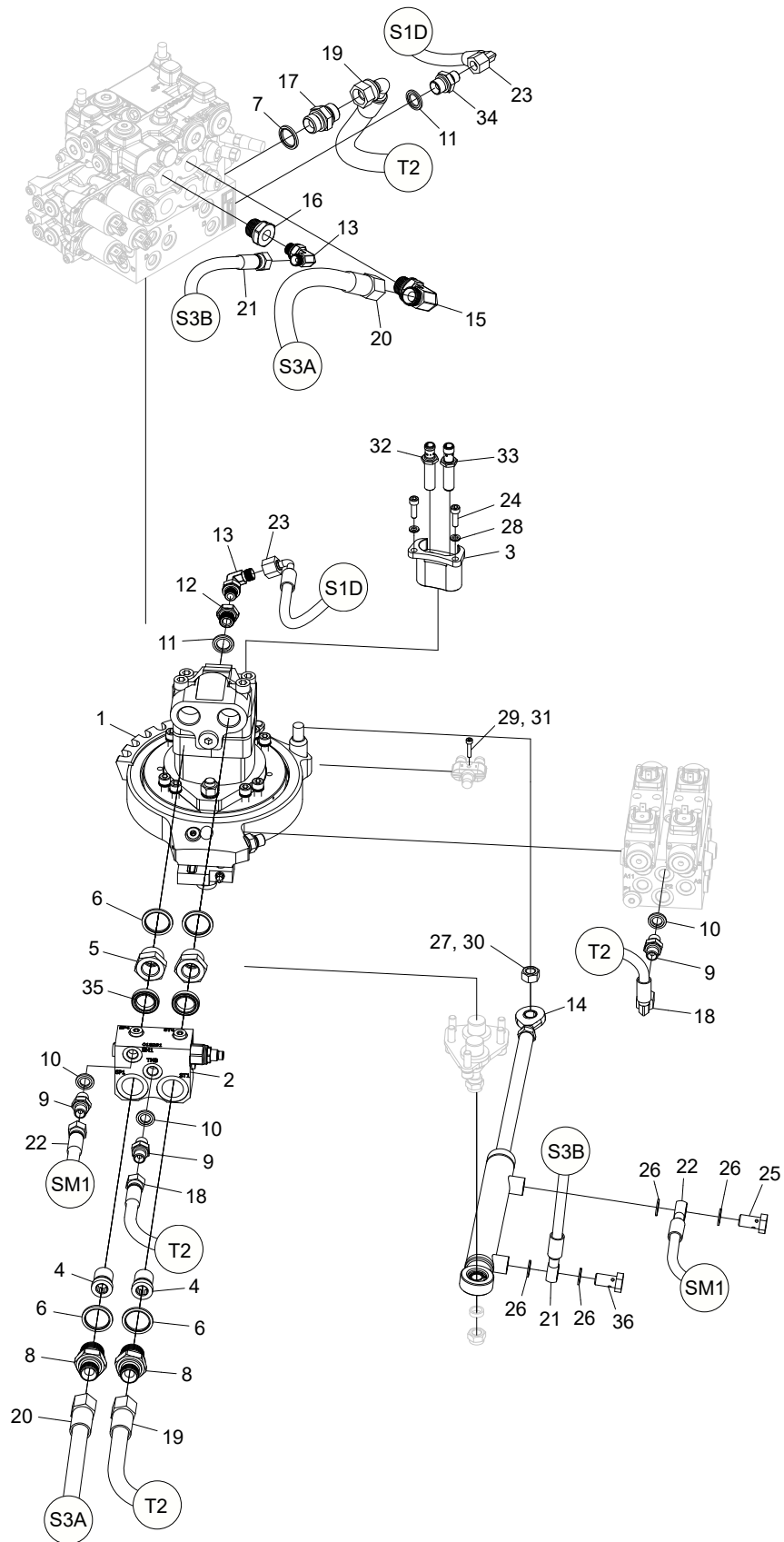
Safety chain



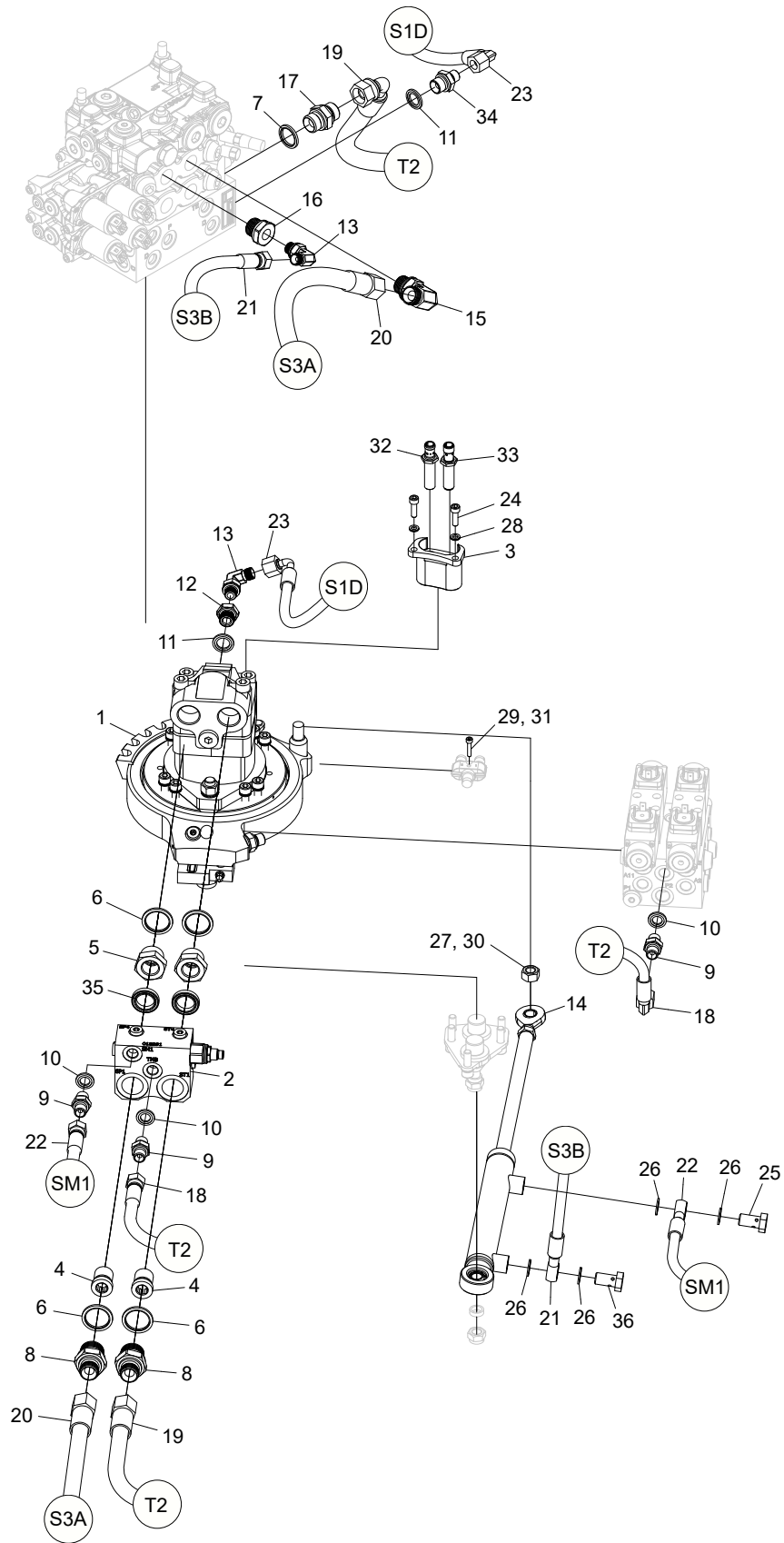
Structure 013239				
Pos.	Part no.	Quantity	Description	Specification
1	013098	1	Safety hook	
2	523071	2	Shackle	
3	523088	1	Chain	

6. Saw unit

Saw unit

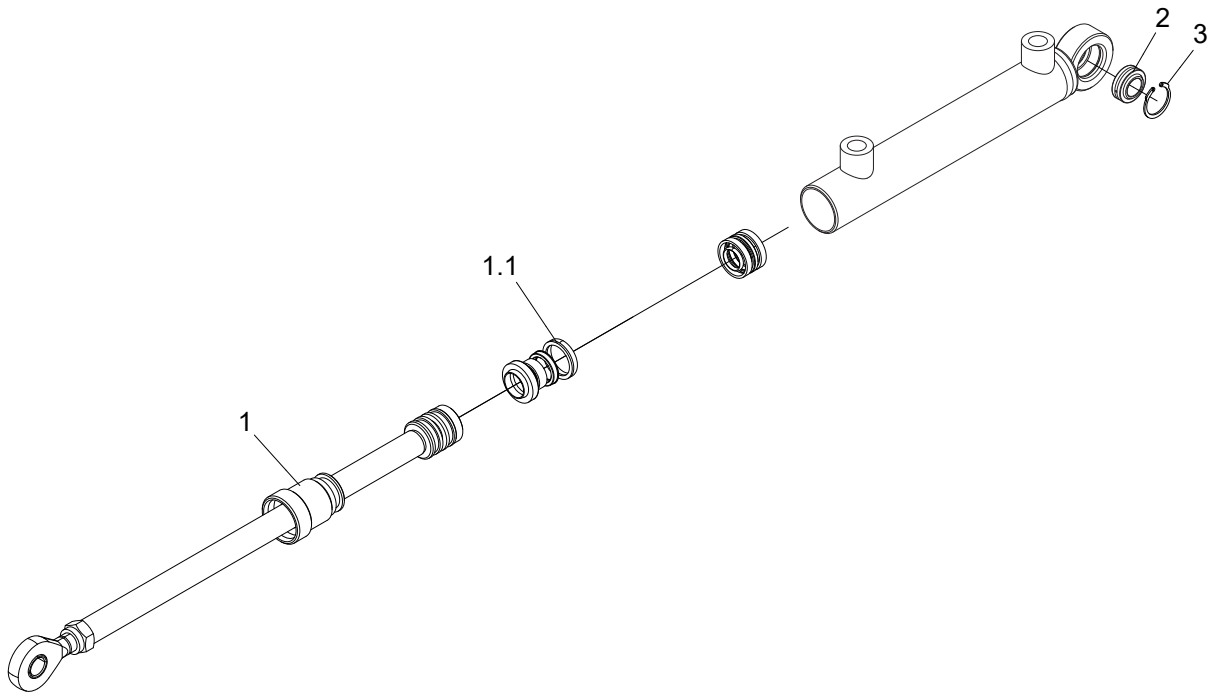


Structure 10000463				
Pos.	Part no.	Quantity	Description	Specification
1	10000322	1	Saw unit	
2	018300	1	Manifold	
3	10000458	1	Bracket	
4	013345	2	Adapter	1/2"
5	601053	2	Adapter	BSP -08/ BSP-12
6	601104	4	Bonded seal	3/4"
7	601103	1	Bonded seal	1/2"
8	601037	2	Adapter	1/2" - 3/4"
9	601028	3	Adapter	BSP -04
10	601101	3	Bonded seal	1/4"
11	601102	2	Bonded seal	3/8"
12	602052	1	Adapter	3/8" - 1/4"
13	602020	2	Adapter	BSP -04
14	018348	1	Hydraulic cylinder	
15	602022	1	Adapter	BSP -08
16	602059	1	Adapter	BSP -08 / BSP -04
17	601036	1	Adapter	1/2"
18	641645	1	Hydraulic hose	
19	641647	1	Hydraulic hose	
20	641646	1	Hydraulic hose	
21	641648	1	Hydraulic hose	
22	641649	1	Hydraulic hose	
23	641650	1	Hydraulic hose	
24	501046	2	Screw	M6x20 12.9
25	601060	1	Banjo screw	1/4"
26	601200	4	Copper seal	13x19x1,5
27	502007	1	Nut	M12 FZB
28	503065	2	Washer	NL6
29	501016	1	Screw	M4x20 12.9
30			Threadlocker	270
31			Threadlocker	243
32	401318	1	Sensor	
33	10000370	1	Sensor	
34	601029	1	Adapter	1/4" - 3/8"
35	022990	2	Spacer	



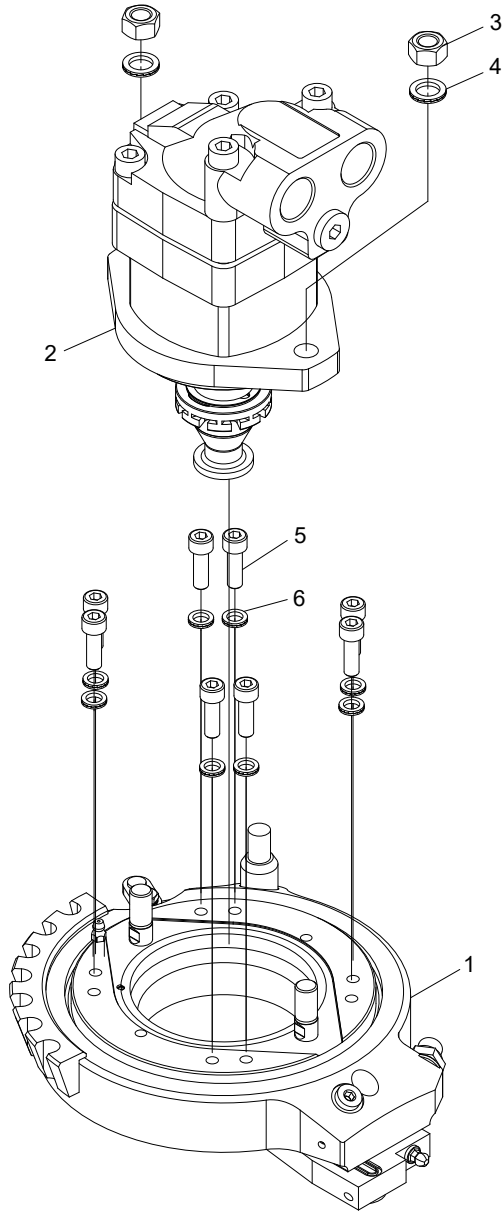
Structure				
Pos.	Part no.	Quantity	Description	Specification
36	10002857	1	Restrictor banjo bolt	1/4", Ø1,5mm

Hydraulic cylinder



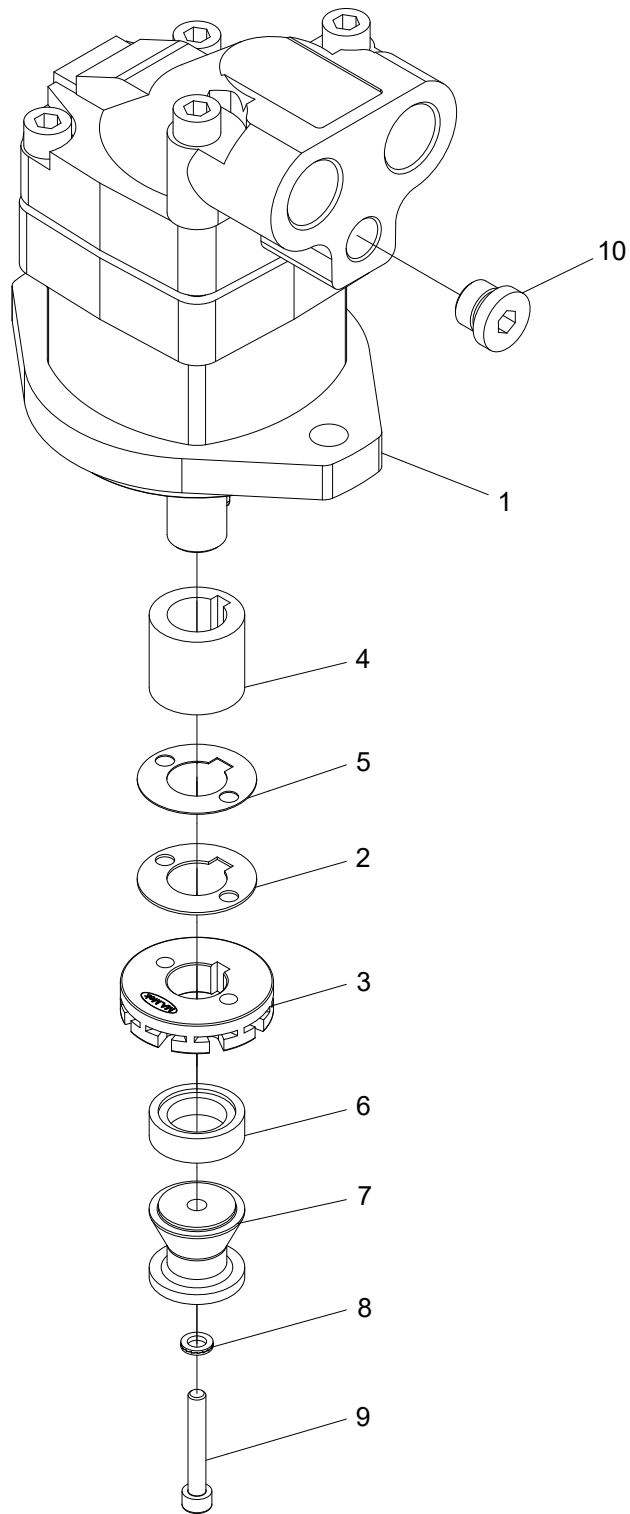
Structure 018348				
Pos.	Part no.	Quantity	Description	Specification
1	10001606	1	Tie rod kit	
1.1	10001605	1	Seal kit	
2	510002	1	Spherical bushing	GE12E
3	517214	1	Circlip	JV 22

Saw unit



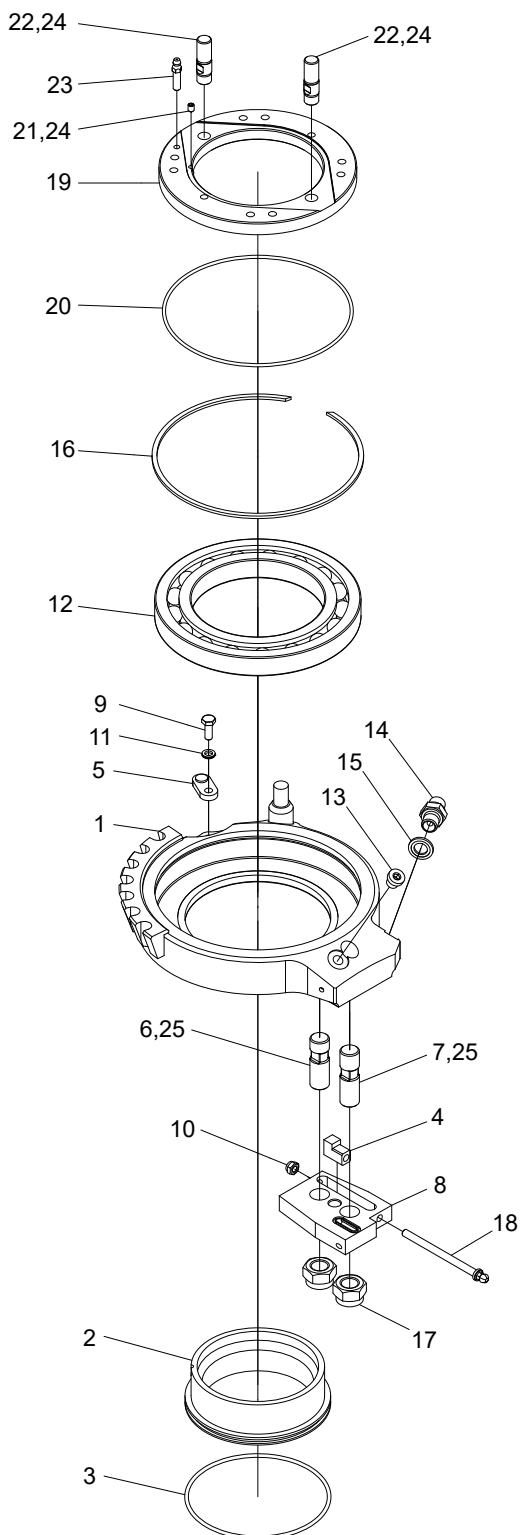
Structure 10000322				
Pos.	Part no.	Quantity	Description	Specification
1	10000321	1	Saw bar bracket	
2	10000379	1	Hydraulic motor	
3	502007	2	Nut	M12
4	503060	2	Washer	NL12
5	501070	8	Screw	M8x25 12.9
6	503055	8	Washer	NL8

Saw motor



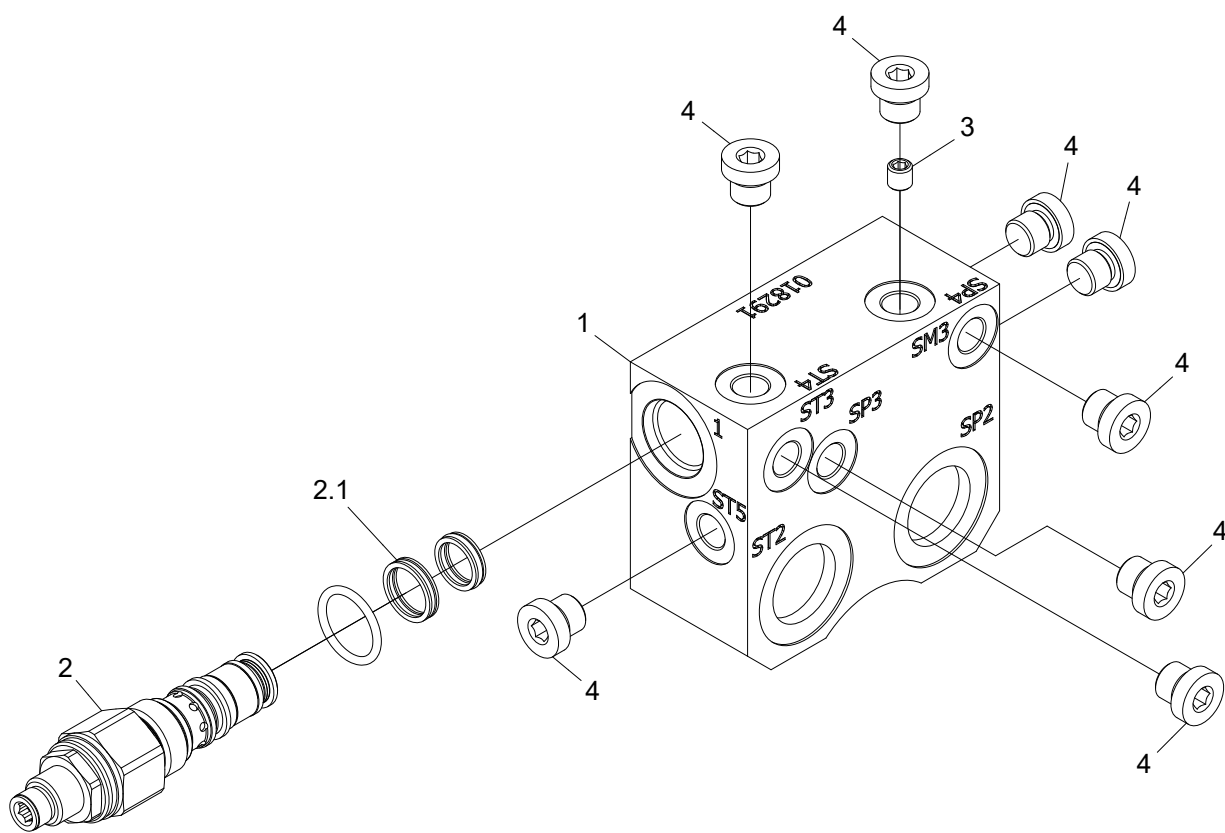
Structure 10000379				
Pos.	Part no.	Quantity	Description	Specification
1	609000	1	Hydraulic motor	
2	549213	1	Shim	20 - 1,0mm
3	549102	1	Sprocket	z=9
4	010678	1	Spacer	
5	549212	1	Shim	20 - 0,5mm
6	010679	1	Spacer	
7	011225	1	Chain catcher	
8	503065	1	Washer	NL6
9	501051	1	Screw	M6x40 12.9
10	601002	1	Hex plug	3/8"

Saw bar bracket



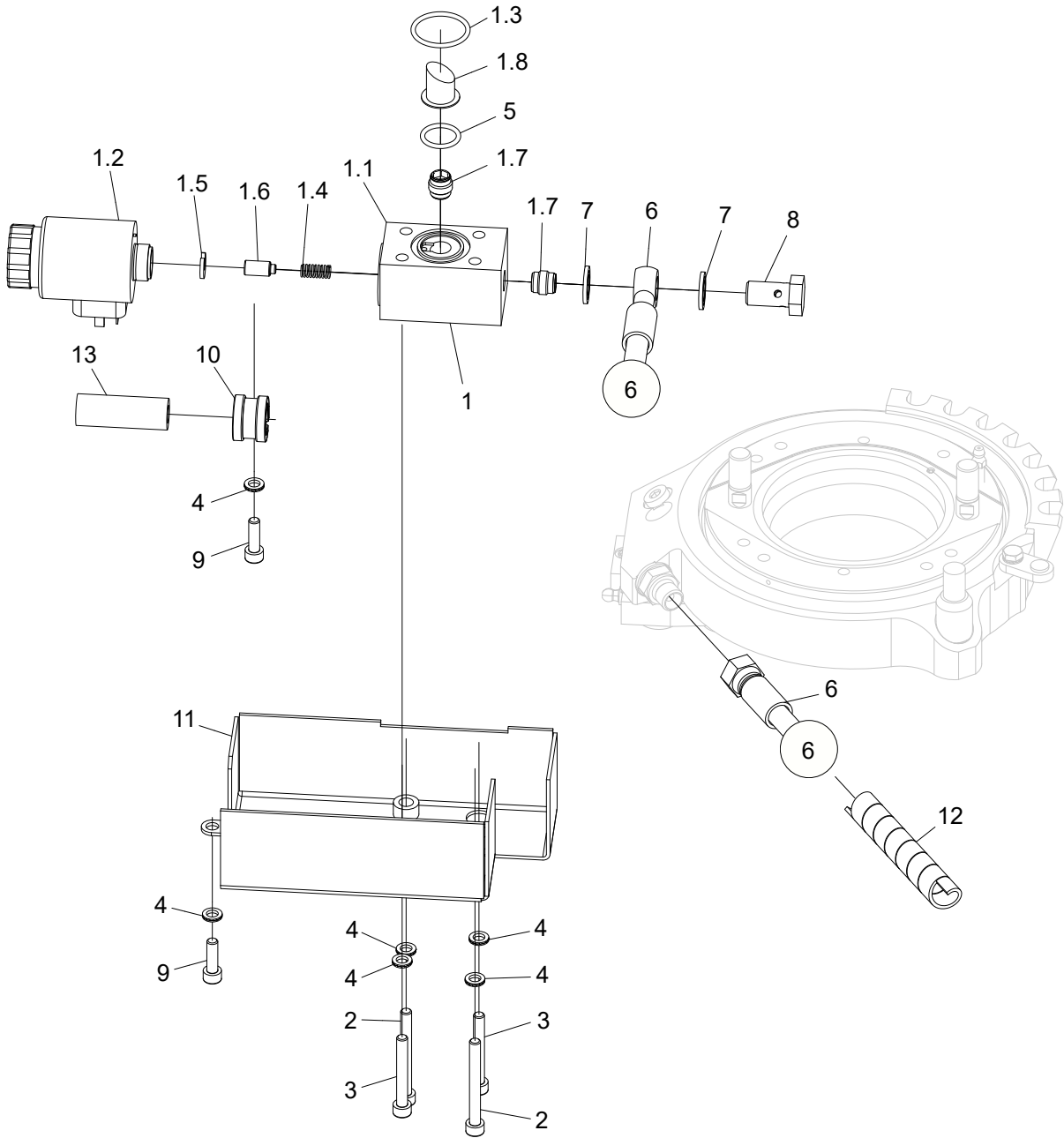
Structure 10000321				
Pos.	Part no.	Quantity	Description	Specification
1	011692	1	Saw bar bracket	
2	011597	1	Hub	
3	543002	1	O-ring	Ø114,5x3
4	010098	1	Adjuster lug	
5	011169	1	Magnet	
6	011670	1	Pin screw	
7	011671	1	Pin screw	
8	017547	1	Thrust washer	
9	500023	1	Screw	M6x16 8.8 FZB
10	502053	1	Nut	M6 FZB
11	503065	1	Washer	NL6
12	508002	1	Bearing	
13	601000	1	Hex plug	1/8"
14	601028	1	Adapter	BSP -08
15	601101	1	Bonded seal	1/4"
16	517001	1	Circlip	SB 170
17	502705	2	Nut	M16 KL10 FZB
18	10000293	1	Screw	
19	10000380	1	Flange	
20	543153	1	O-ring	Ø152,07x6,62
21	513003	1	Stop screw	M5x8
22	10000320	2	Pin screw	
23	10000329	1	Grease nipple	M6x1-30mm
24			Loctite	243
25			Loctite	270

Manifold



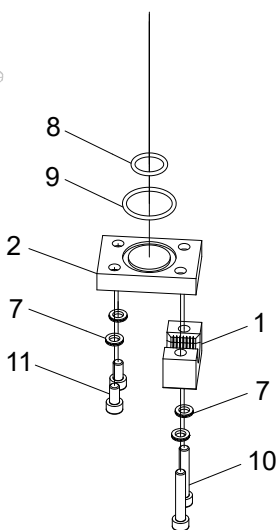
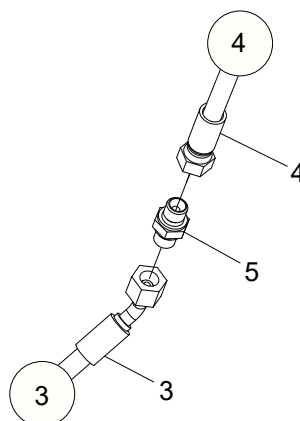
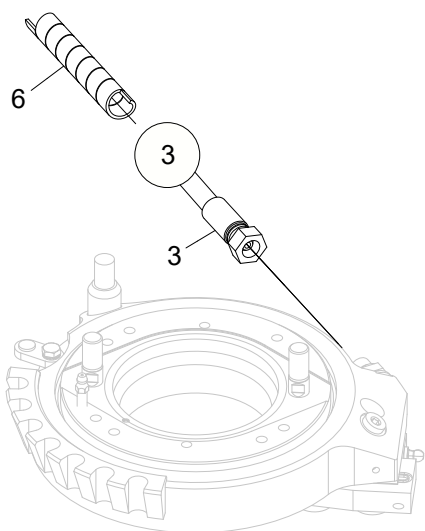
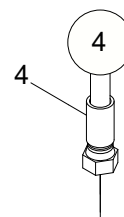
Structure 018300				
Pos.	Part no.	Quantity	Description	Specification
1	018291	1	Manifold	
2	619013	1	Pressure reducing valve	
2.1	554093	1	Seal kit	
3	613013	1	Orifice	M6 0,9 mm
4	601000	8	Hex plug	1/8"

Chain lubrication, Easy Greasy



Structure 10000466				
Pos.	Part no.	Quantity	Description	Specification
1	033027	1	Pump	
1.1	016282	1	Pump housing	
1.2	613062	1	Solenoid	24V
1.3	543012	1	O-ring	Ø27,6x2,4
1.4	526005	1	Spring	
1.5	016426	1	Spacer	
1.6	010897	1	Piston	
1.7	617016	2	Check valve	RC1
1.8	620302	1	Filter	
2	501054	2	Screw	M6x55 12.9
3	501052	2	Screw	M6x45 12.9
4	503065	6	Washer	NL6
5	540074	1	O-ring	Ø17,3x2,4
6	641653	1	Hydraulic hose	
7	601101	2	Bonded seal	1/4"
8	601060	1	Banjo screw	1/4"
9	501046	2	Screw	M6x20 12.9
10	622061	1	Clamp	
11	10000472	1	Protective cover	
12	615055		Hose protection	1/2"
13	641659	1	Protective hose	

Grease lubrication



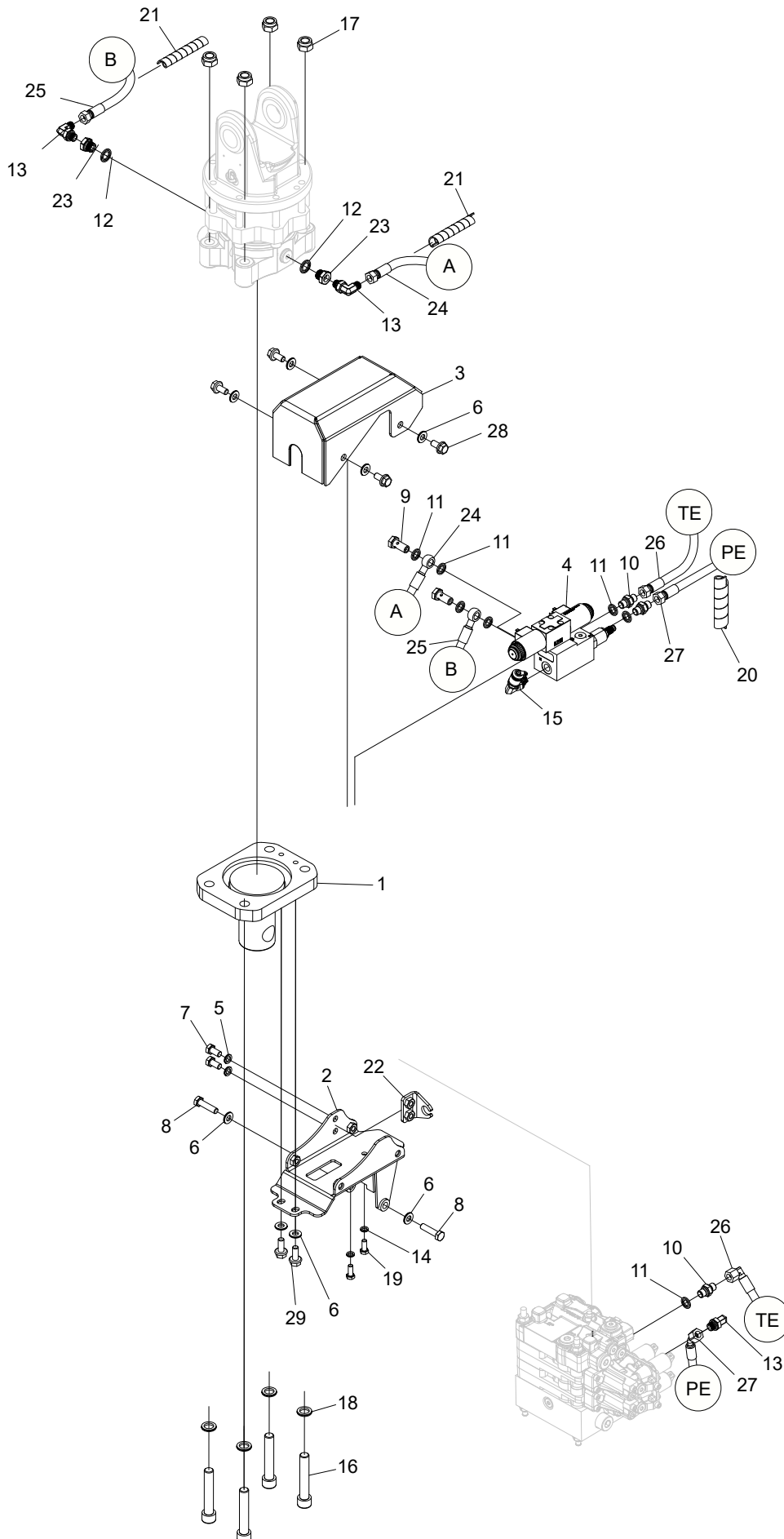
Structure 10000468				
Pos.	Part no.	Quantity	Description	Specification
1	10000484	1	Clamp	
2	10000485	1	Plate	
3	641655	1	Hydraulic hose	
4	641654	1	Hydraulic hose	
5	601028	1	Adapter	BSP -04
6	615055		Hose protection	12,7 mm
7	503065	4	Washer	NL6
8	540074	1	O-ring	17,3x2,4 mm
9	543012	1	O-ring	27,6x2,4 mm
10	501050	2	Hex screw	M6x35 12.9
11	501043	2	Hex screw	M6x12 12.9

Saw bar and saw chain

Structure				
Pos.	Part no.	Quantity	Description	Specification
	549018-058		Saw chain	18HX 58DL
	549418-048		Saw bar	18H 48cm

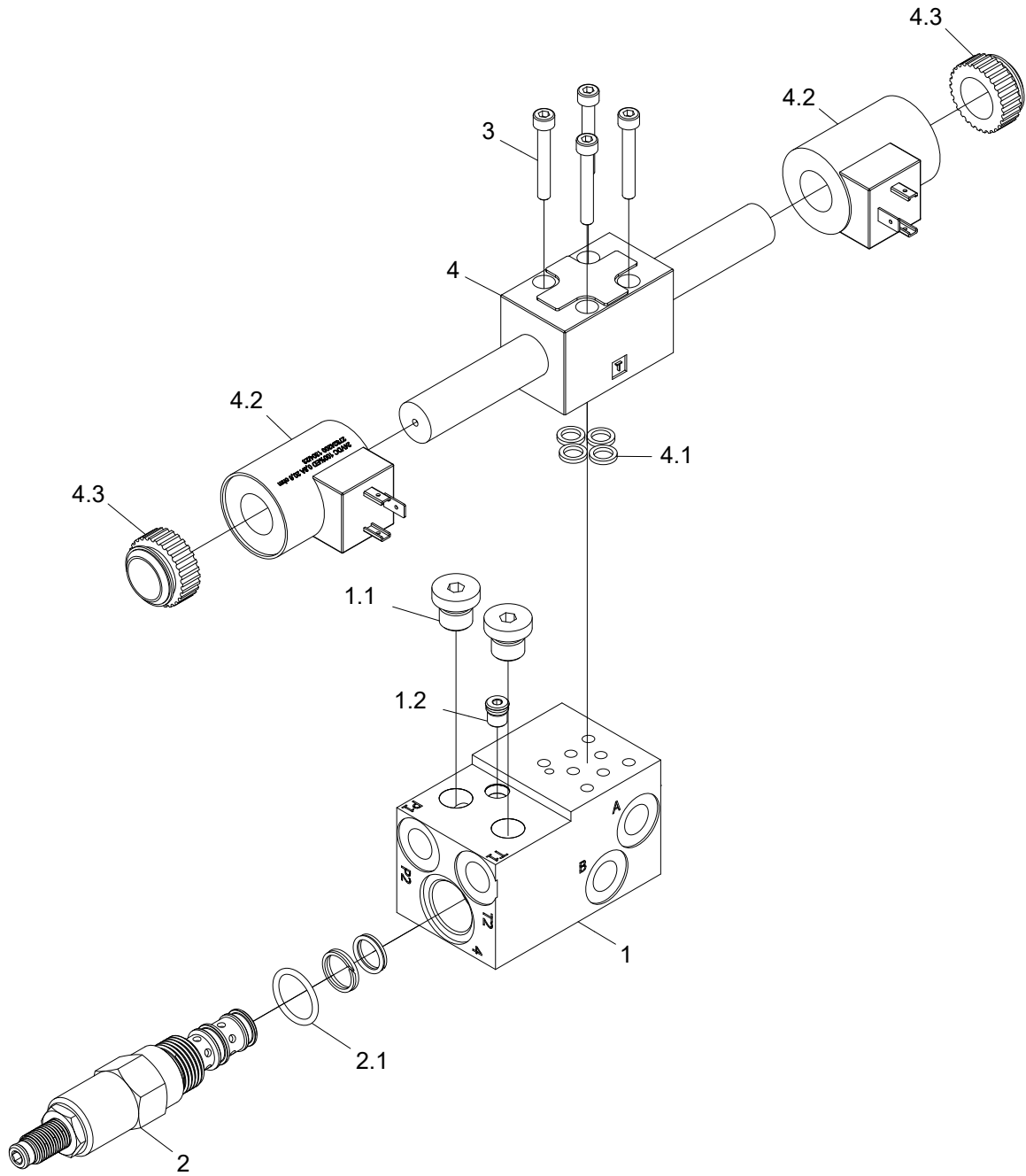
7. Accessories

Rotator control



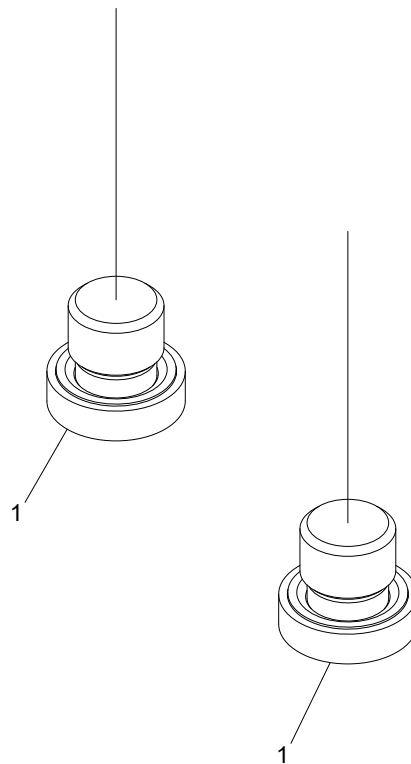
Structure 10000552				
Pos.	Part no.	Quantity	Description	Specification
1	017985	1	Bracket	
2	017988	1	Bracket	
3	017881	1	Cover	
4	017604	1	Manifold	
5	503057	2	Washer	NL10
6	503075	8	Washer	NL10 sp
7	500066	2	Screw	M10x20 8.8 FZB
8	500071	2	Screw	M10x40 8.8 FZB
9	601068	2	Banjo screw	1/4"
10	601028	3	Adapter	BSP -04
11	601101	7	Bonded seal	1/4"
12	601102	2	Bonded seal	3/8"
13	602020	3	Adapter	BSP -04
14	503055	2	Washer	NL8
15	601263	1	Test point	1/4"
16	501140	4	Screw	M16x90 12.9
17	502705	4	Nut	M16
18	503063	4	Washer	NL16
19	500043	2	Screw	M8x20 8.8 FZB
20	615049		Hose protection	3/4" L=1800mm
21	615055		Hose protection	1/2" L=400mm
22	016666	1	Bracket	
23	602052	2	Adapter	3/8" - 1/4"
24	641663	1	Hydraulic hose	
25	641662	1	Hydraulic hose	
26	641661	1	Hydraulic hose	
27	641660	1	Hydraulic hose	
28	505083	4	Screw	M10x20 10.9
29	505084	2	Screw	M10x25 10.9

Manifold



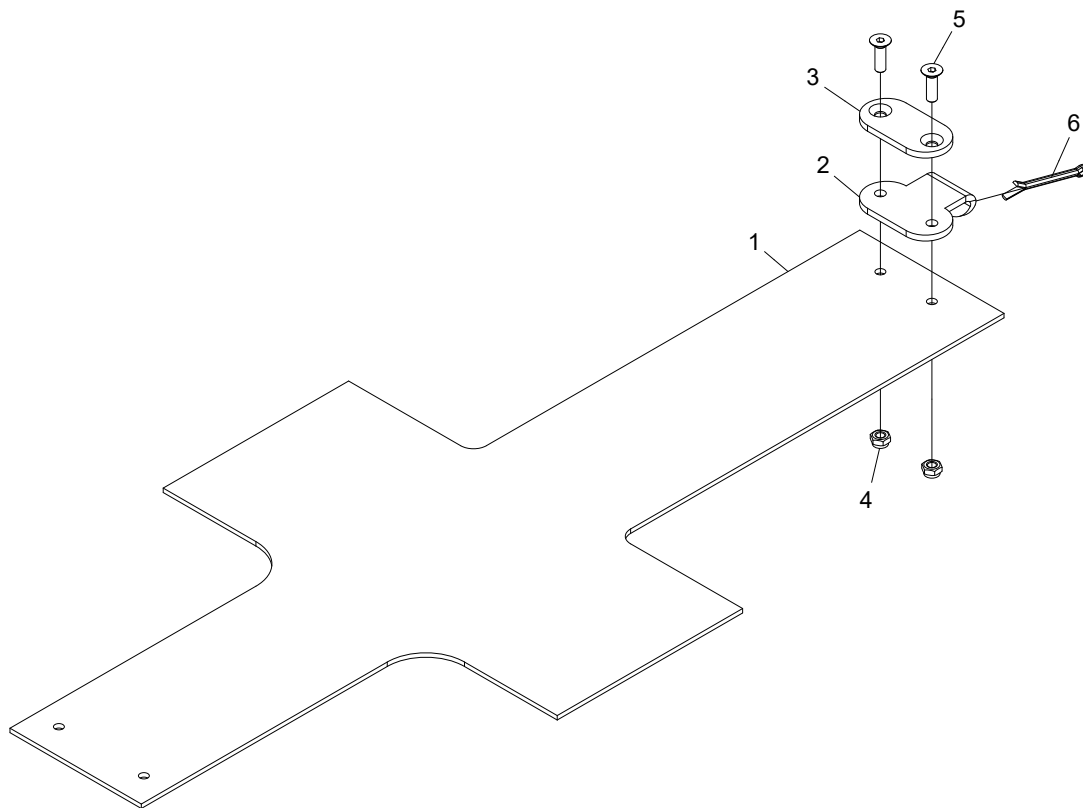
Structure 017604				
Pos.	Part no.	Quantity	Description	Specification
1	612044	1	Manifold	
1.1	601001	2	Hex plug	
1.2	601020	1	Plug	
2	619016	1	Pressure reducer valve	
2.1	620352	1	Seal kit	
3	501032	4	Screw	M5x35 12.9
4	612031	1	Directional valve	
4.1	540037	4	O-ring	7,65x1,68 NBR
4.2	613076	2	Solenoid	
4.3	613105	2	Plastic nut	

Without rotator control



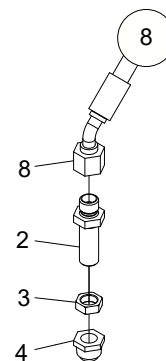
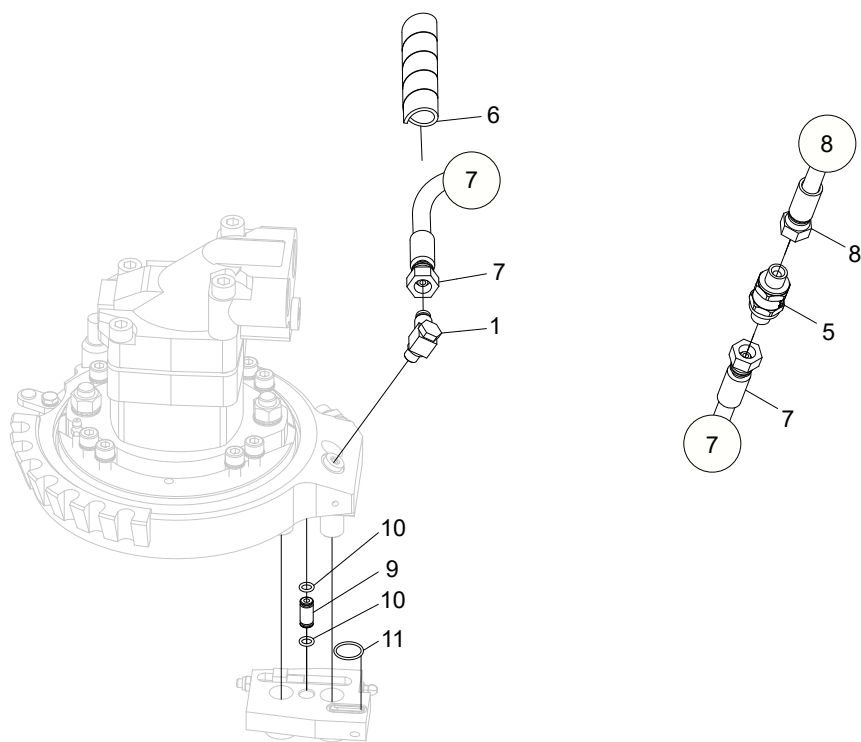
Structure 10000667				
Pos.	Part no.	Quantity	Description	Specification
1	601001	2	Hex plug	1/4"

Snow cover



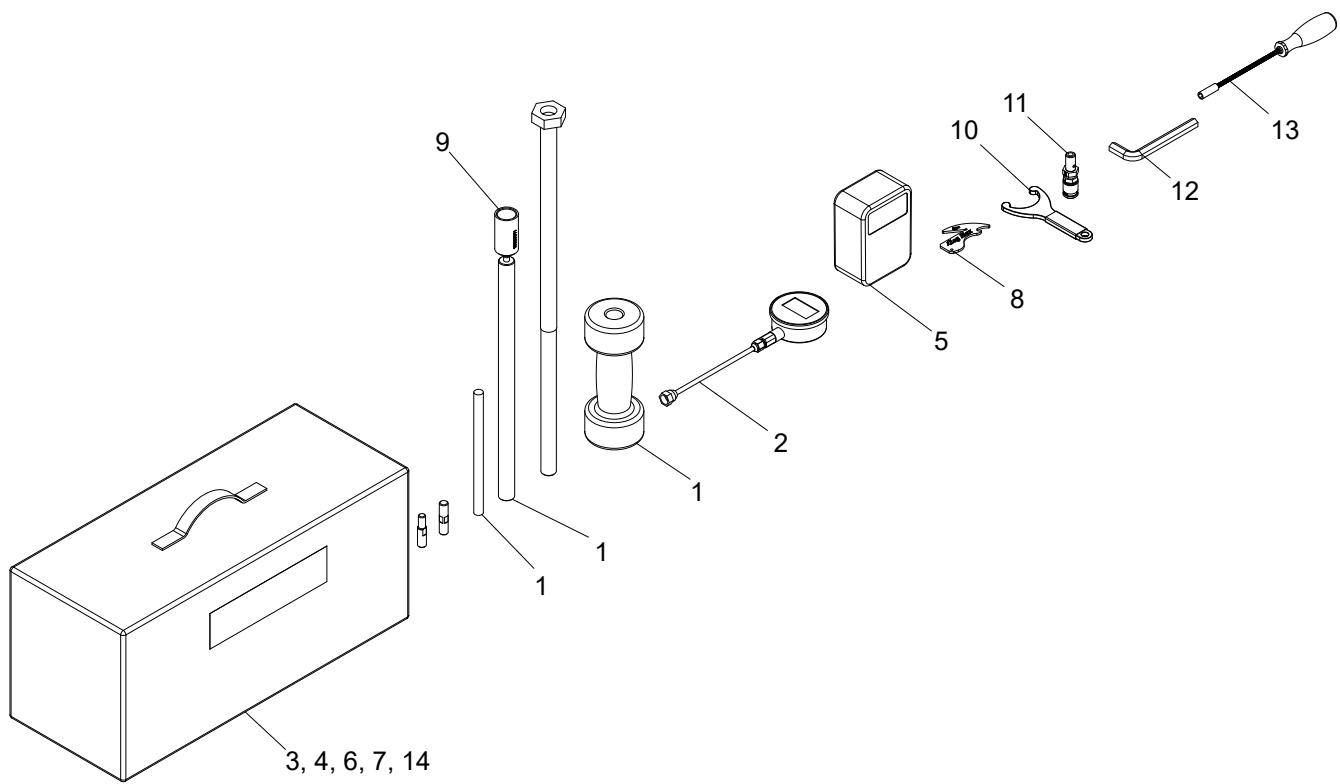
Structure 033030				
Pos.	Part no.	Quantity	Description	Specification
1	013844	1	Rubber blanket	
2	012387	1	Bracket	
3	012388	1	Washer	
4	502053	2	Nut	M6 FZB
5	504030	2	Screw	M6x20 10.9
6	516000	1	Cotter pin	4x50

Stump treatment



Structure 10000469				
Pos.	Part no.	Quantity	Description	Specification
1	602075	1	Adapter	1/8" -6L
2	601210	1	Bulkhead	1/4"
3	601253	1	Nut	1/4"
4	602039	1	Plug	BSP -04
5	617009	1	Check valve	1/4"
6	615049		Hose protection	3/4"
7	641658	1	Hydraulic hose	
8	641657	1	Hydraulic hose	
9	011693	1	Tube	
10	540035	2	O-ring	Ø6,75x1,78
11	540014	1	O-ring	17,1x1,6

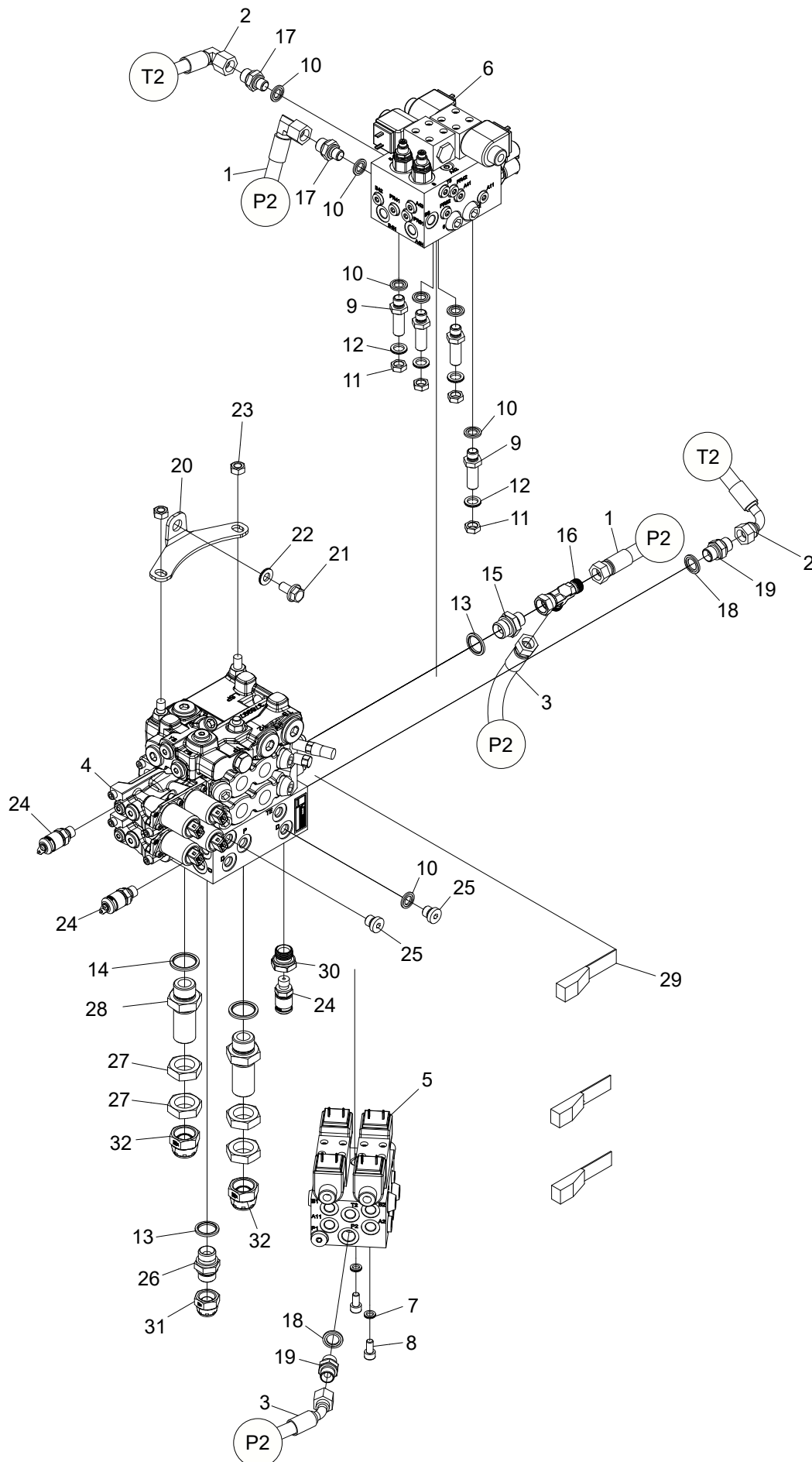
Tool kit



Structure 10000525				
Pos.	Part no.	Quantity	Description	Specification
1	010404	1	Tool	
2	623053	1	Manometer	
3	522718	1	Tool	
4	519190	2	Decal	
5	402804	1	Multimeter	
6	522227	1	Allen key	
7	522505	1	First aid kit	
8	015662	1	Edge template	
9	10000511	1	Sleeve	
10	10000471	1	Tool	
11	10002876	1	Test point	
12	538004	1	Allen key	
13	10001384	1	Screwdriver	
14	522506-LXL	1	Safety vest	

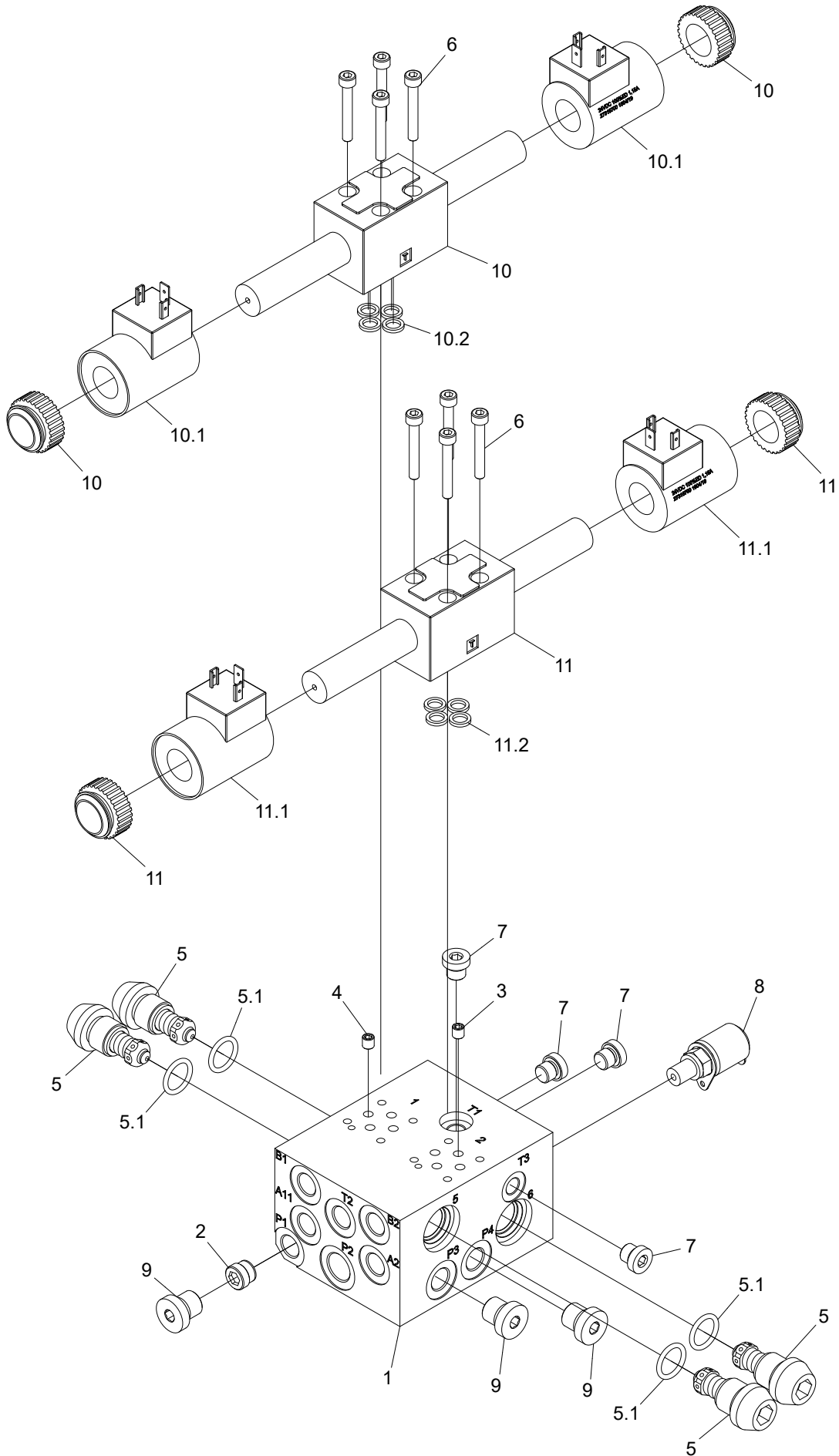
8. Hydraulic system

Hydraulic system



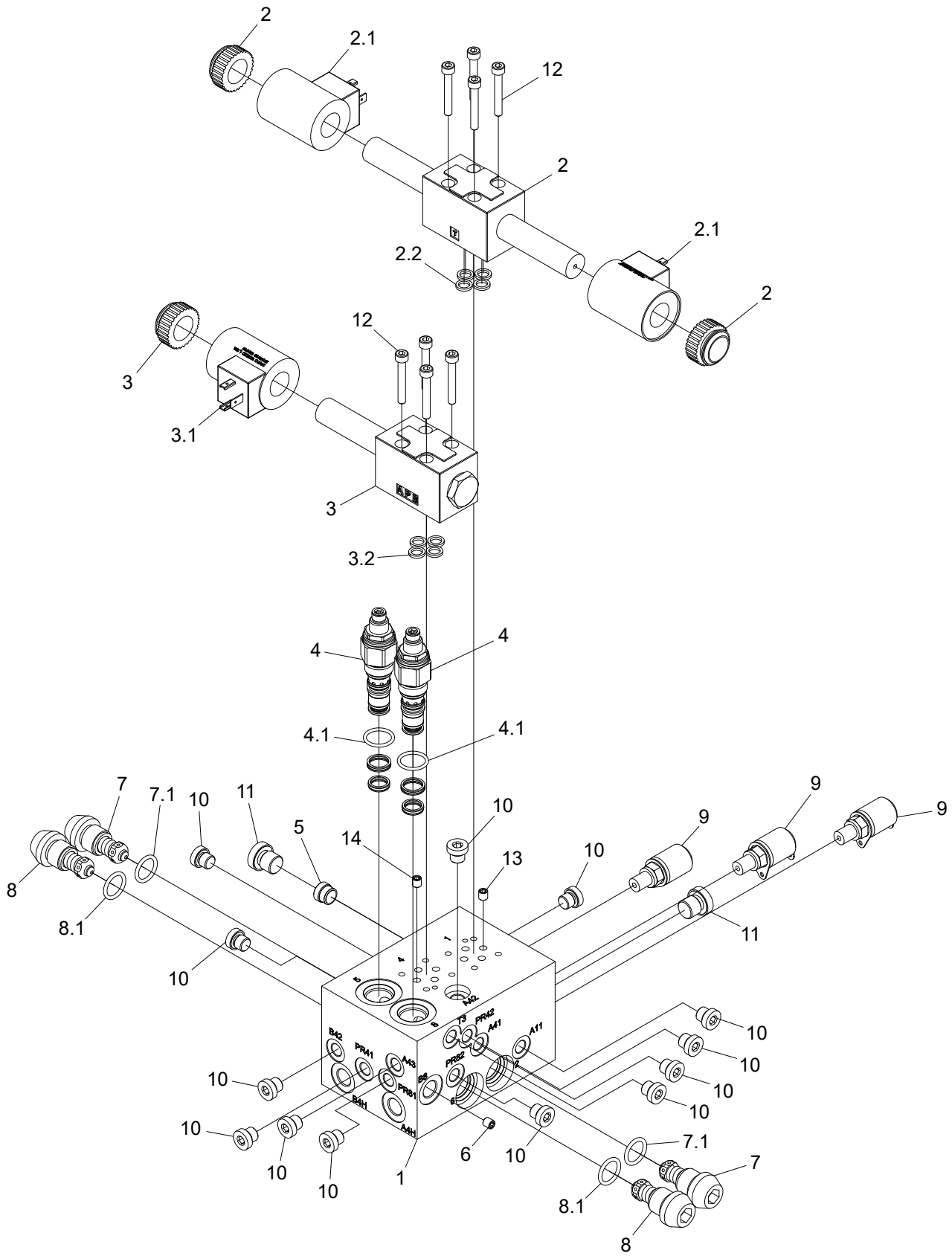
Structure 10000544				
Pos.	Part no.	Quantity	Description	Specification
1	641621	1	Hydraulic hose	
2	641622	1	Hydraulic hose	
3	641623	1	Hydraulic hose	
4	614010-02	1	Manifold	
5	018301	1	Manifold	
6	018302	1	Manifold	
7	503055	2	Washer	NL8
8	501067	2	Screw	M8x16 12.9
9	601210	4	Bulk head	1/4"
10	601101	7	Bonded seal	1/4"
11	601253	4	Nut	1/4"
12	503060	4	Washer	NL12
13	601103	2	Bonded seal	1/2"
14	601104	2	Bonded seal	3/4"
15	601033	1	Adapter	3/8" - 1/2"
16	601011	1	Adapter	3/8"
17	601029	2	Adapter	1/4" - 3/8"
18	601102	2	Bonded seal	3/8"
19	601032	2	Adapter	BSP -06
20	10000438	1	Bracket	
21	505083	1	Screw	M10x20 10.9
22	503075	1	Washer	NL10 sp
23	502006	2	Nut	M10 FZB
24	601261	3	Test point	1/4"
25	601001	2	Hex plug	1/4"
26	601036	1	Adapter	1/2"
27	011205	4	Nut	3/4"
28	011173	2	Adapter	3/4"
29	626001	3	Tie down strap	
30	602059	1	Adapter	BSP -08/ BSP -04
31	602043	1	Plug	BSP -08
32	602063	2	Plug	BSP -12

Lower manifold



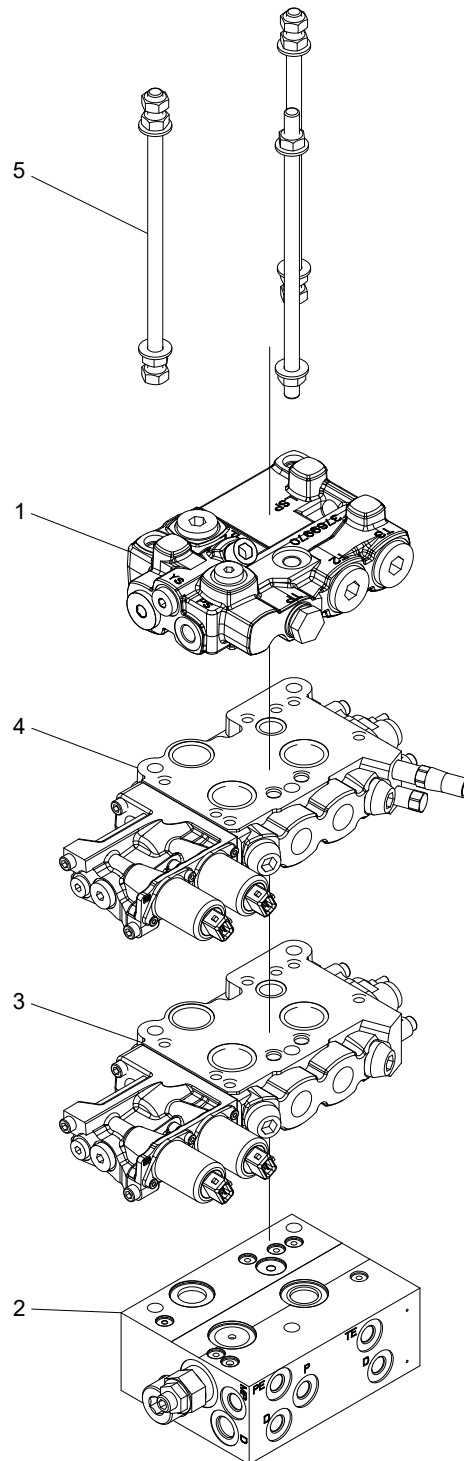
Structure 018301				
Pos.	Part no.	Quantity	Description	Specification
1	018292	1	Manifold	
2	617024	2	Check valve	RB1
3	613014	1	Orifice	M6 Ø1,0 mm
4	613010	1	Orifice	M6 Ø0,6 mm
5	620404	4	Relief valve	210 bar
5.1	540072	1	O-ring	15,3x2,4 NBR 90
6	501032	8	Screw	M5x35 12.9
7	601000	4	Hex plug	1/8"
8	601260	1	Test point	1/8"
9	601001	3	Hex plug	1/4"
10	10002208	1	Directional valve	4-3, NG4, 24V
10.1	613069	2	Solenoid	NG4, 24V
10.2	612122	1	Seal kit	
11	10002207	1	Directional valve	4-3, NG4, 24V
11.1	613069	2	Solenoid	NG4, 24V
11.2	612122	1	Seal kit	

Right manifold



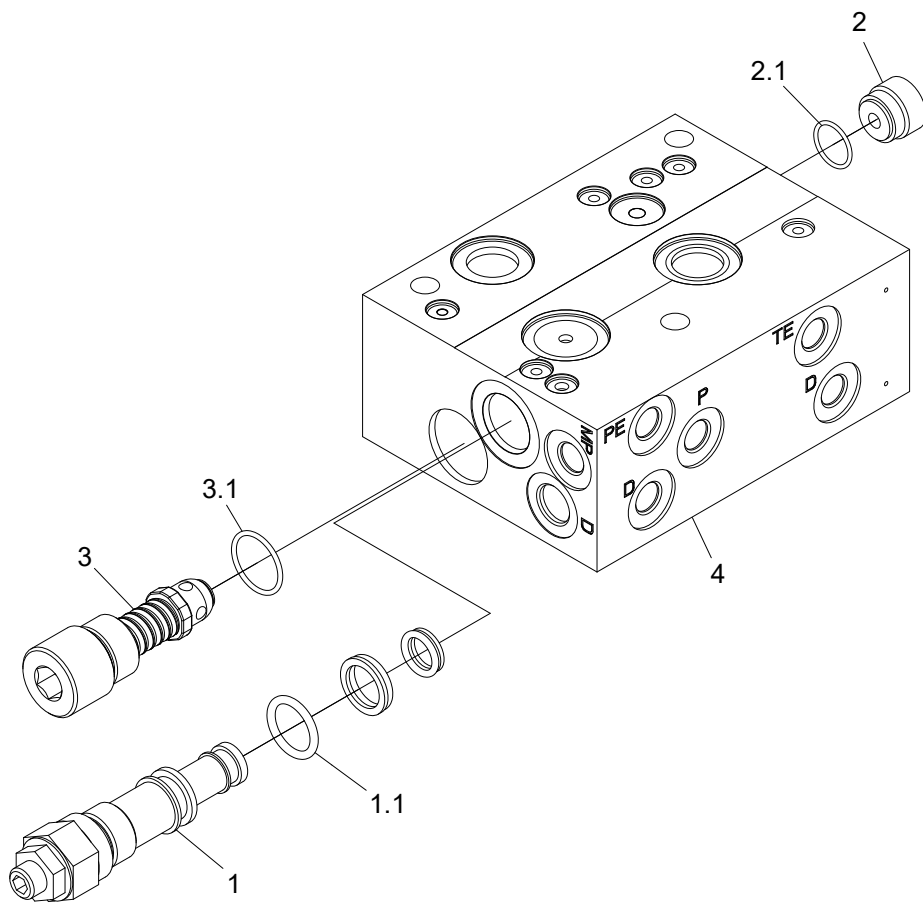
Structure 018302				
Pos.	Part no.	Quantity	Description	Specification
1	018293	1	Manifold	
2	10002208	1	Directional valve	4-3, NG4, 24V
2.1	613069	2	Solenoid	NG4, ON-OFF, 24V
2.2	612122	1	Seal kit	
3	10002206	1	Directional valve	4-2, NG4, 24V
3.1	613069	1	Solenoid	NG4, ON-OFF, 24V
3.2	612122	1	Seal kit	
4	619013	2	Pressure reducer valve	13,8-207 bar
4.1	554093	1	Sal kit	
5	617024	1	Check valve	RB1
6	10001120	1	Orifice	M6 Ø0,5 mm
7	620404	2	Relief valve	210 bar
7.1	540072	1	O-ring	15,3x2,4 NBR 90
8	620496	2	Relief valve	140 bar
8.1	540072	1	O-ring	15,3x2,4 NBR 90
9	601260	3	Test point	1/8"
10	601000	14	Hex plug	1/8"
11	601001	2	Hex plug	1/4"
12	501032	8	Screw	M5x35 12.9
13	10001121	1	Orifice	M6 Ø1,7 mm
14	10001123	1	Orifice	M6 Ø1,9 mm

Left manifold



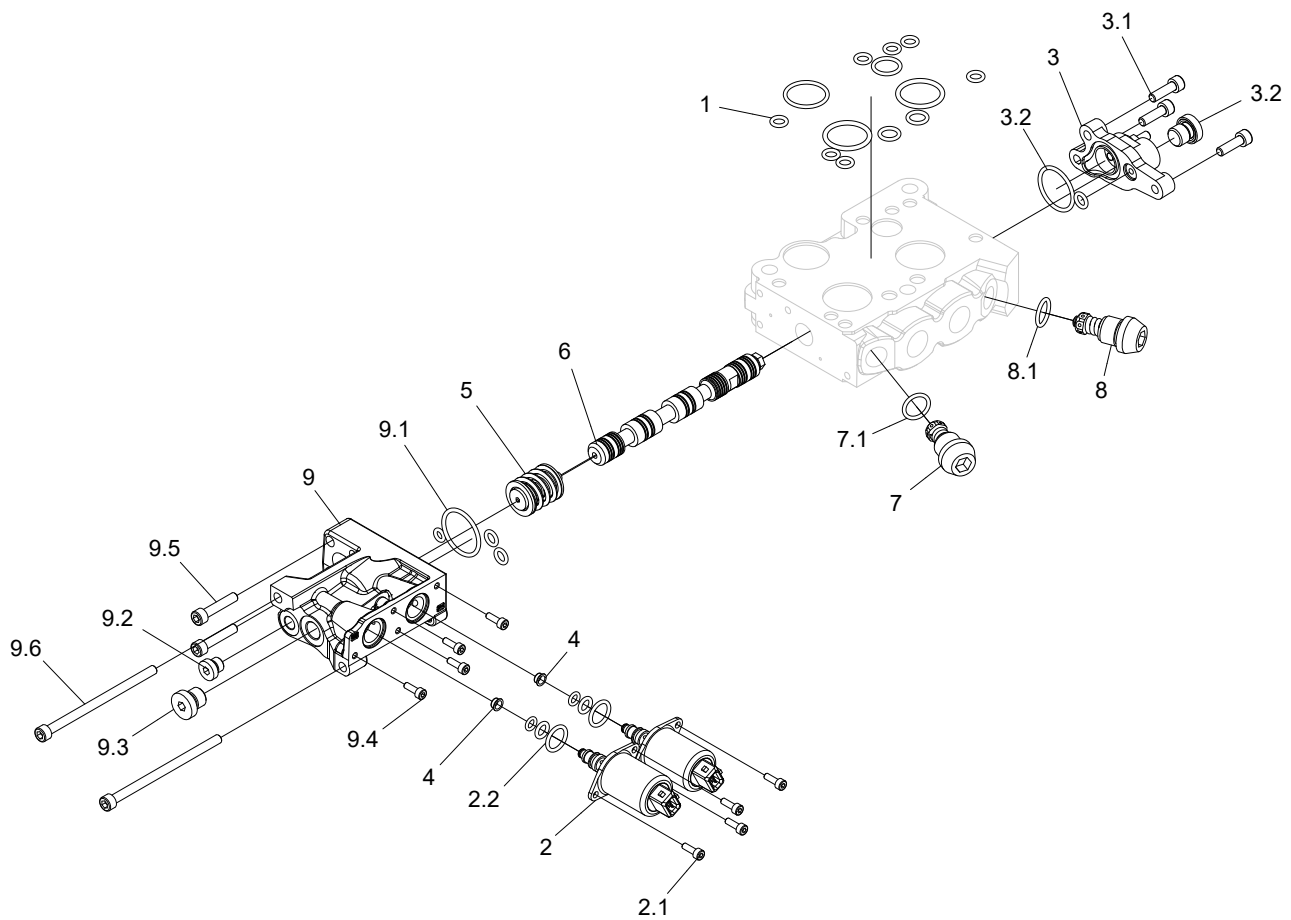
Structure 614010-02				
Pos.	Part no.	Quantity	Description	Specification
1	614110-01	1	End section	
2	614116-07	1	Inlet section	
3	614115-08	1	Feeding section	
4	614117-02	1	Saw section	
5	620462	1	Tie rod kit	

Inlet section



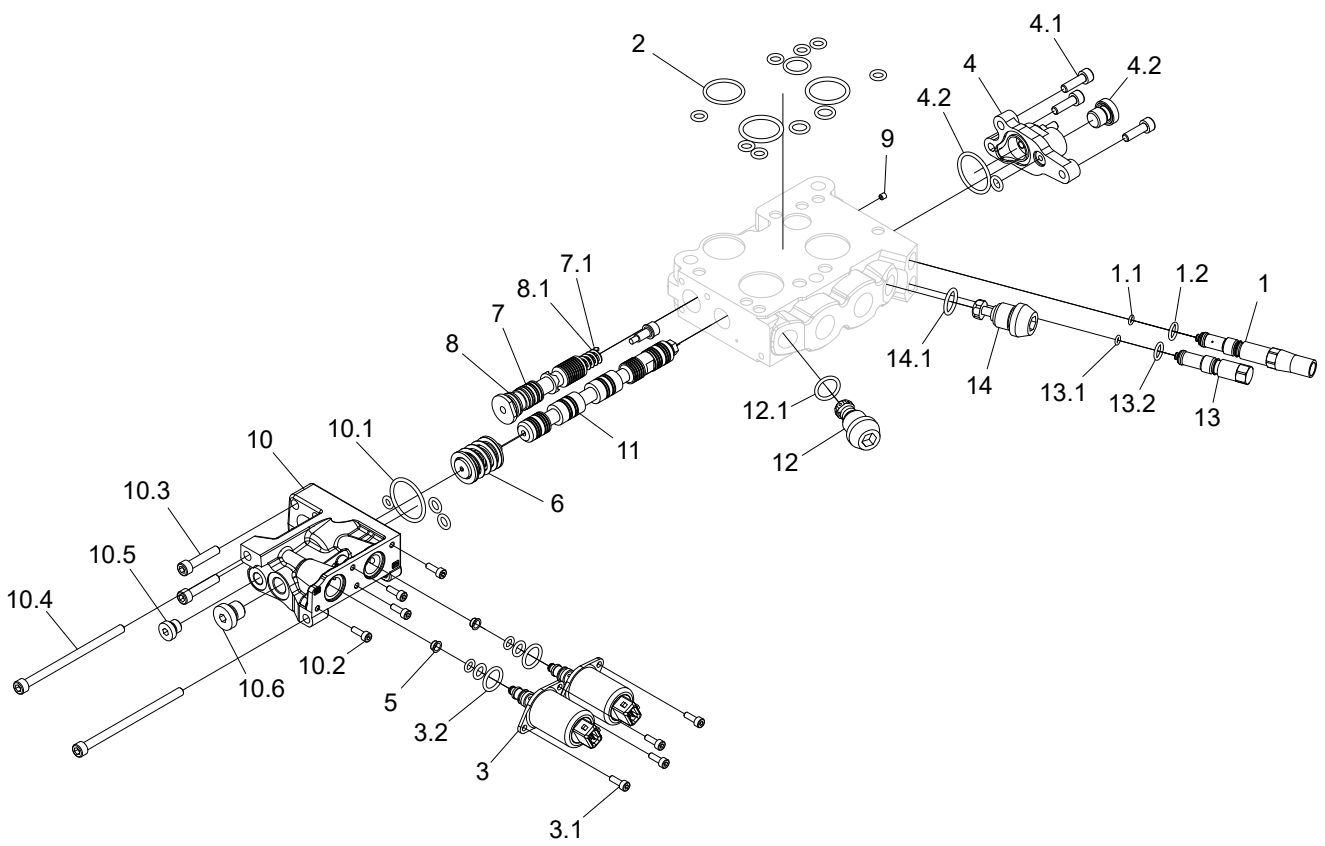
Structure 614116-07				
Pos.	Part no.	Quantity	Description	Specification
1	611201	1	Pressure reducer	
1.1	620370	1	Seal kit	
2	611202	1	Check valve	
2.1		1	O-ring	
3	611196	1	Relief valve	330 bar
3.1	540047	1	O-ring	21,95x1,78 90 Shore FPM90
4	614116-07	1	Manifold	

Feeding section



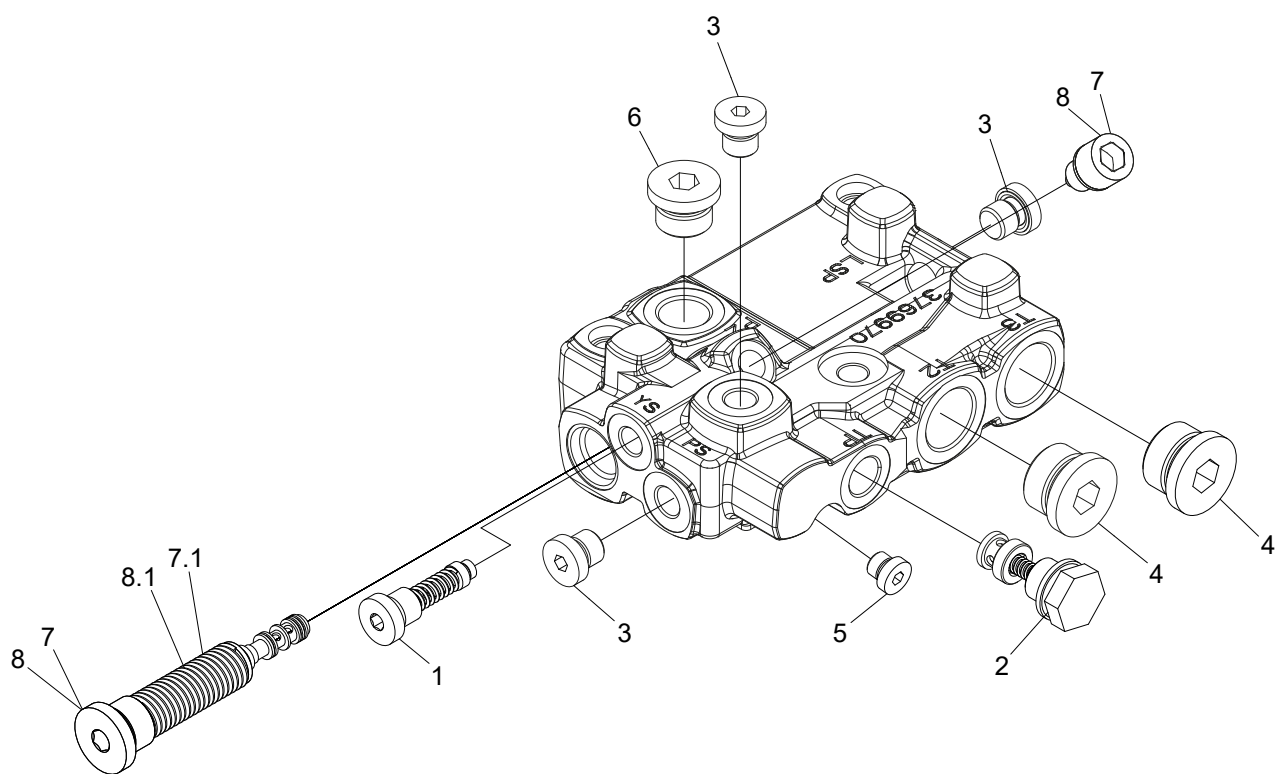
Structure 614115-08				
Pos.	Part no.	Quantity	Description	Specification
1	620377	1	Seal kit	
2	620590	2	Solenoid	24V
2.1	501014	2	Screw	M4x12 12.9
2.2	620344	1	Seal kit	
3	620390	1	Servo cap	
3.1	501046	3	Screw	M6x20 12.9
3.2	620383	1	Seal kit	
4	620346	2	Orifice	0,8 mm
5	620485	1	Spring kit	
6	620454	1	Spool	
7	620400	1	Relief valve	320 bar
7.1	540072	1	O-ring	15,3x2,4
8	620484	1	Relief valve	280 bar
8.1	540072	1	O-ring	15,3x2,4
9	620341	1	Servo cap	
9.1	620379	1	Seal kit	
9.2	601000	1	Hex plug	1/8"
9.3	601001	1	Hex plug	1/4"
9.4	501014	4	Screw	M4x12 12.9
9.5	501049	2	Screw	M6x30 12.9
9.6	501061	2	Screw	M6x100 12.9

Saw section



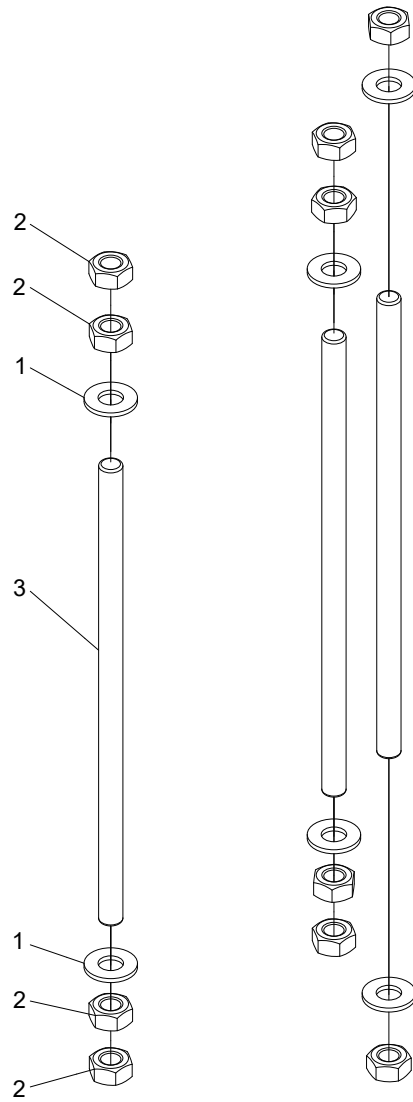
Structure 614117-02				
Pos.	Part no.	Quantity	Description	Specification
1	620397	1	Feed reducer	
1.1	540001	1	O-ring	4,1x1,6 NBR 70
1.2	543022	1	O-ring	9,5x2,0 NBR 70
2	620377	1	Seal kit	
3	620590	2	Solenoid	
3.1	501014	2	Screw	M4x12 12.9
3.2	620344	1	Seal kit	
4	620390	1	Servo cap	
4.1	501046	3	Screw	M6x20 12.9
4.2	620383	1	Seal kit	
5	620339	2	Orifice	1,0 mm
6	620392	1	Spring kit	
7	620520	1	Compensator kit	B
7.1	620505	1	Spring	
8	620521	1	Compensator kit	G
8.1	620505	1	Spring	
9	620508	1	Orifice	0,8 mm
10	620341	1	Servo cap	
10.1	620379	1	Seal kit	
10.2	501014	4	Screw	M4x12 12.9
10.3	501049	2	Screw	M6x30 12.9
10.4	501061	2	Screw	M6x100 12.9
10.5	601000	1	Hex plug	1/8"
10.6	601001	1	Hex plug	1/4"
11	620440	1	Spool	
12		1	Relief valve	
12.1		1	O-ring	
13		1	Feed reducer	
13.1		1	O-ring	
13.2		1	O-ring	
14	620398	1	Relief valve	

End section



Structure 614110-01				
Pos.	Part no.	Quantity	Description	Specification
1	620426	1	Pilot filter	
2	617070	1	Check valve kit	
3	601001	3	Hex plug	1/4"
4	601004	2	Hex plug	3/4"
5	601000	1	Hex plug	1/8"
6	601003	1	Hex plug	1/2"
7	620417	1	Pilot reducer	G
7.1	620425	1	Spring	
8	620418	1	Pilot reducer	R
8.1	620425	1	Spring	

Tie rod kit



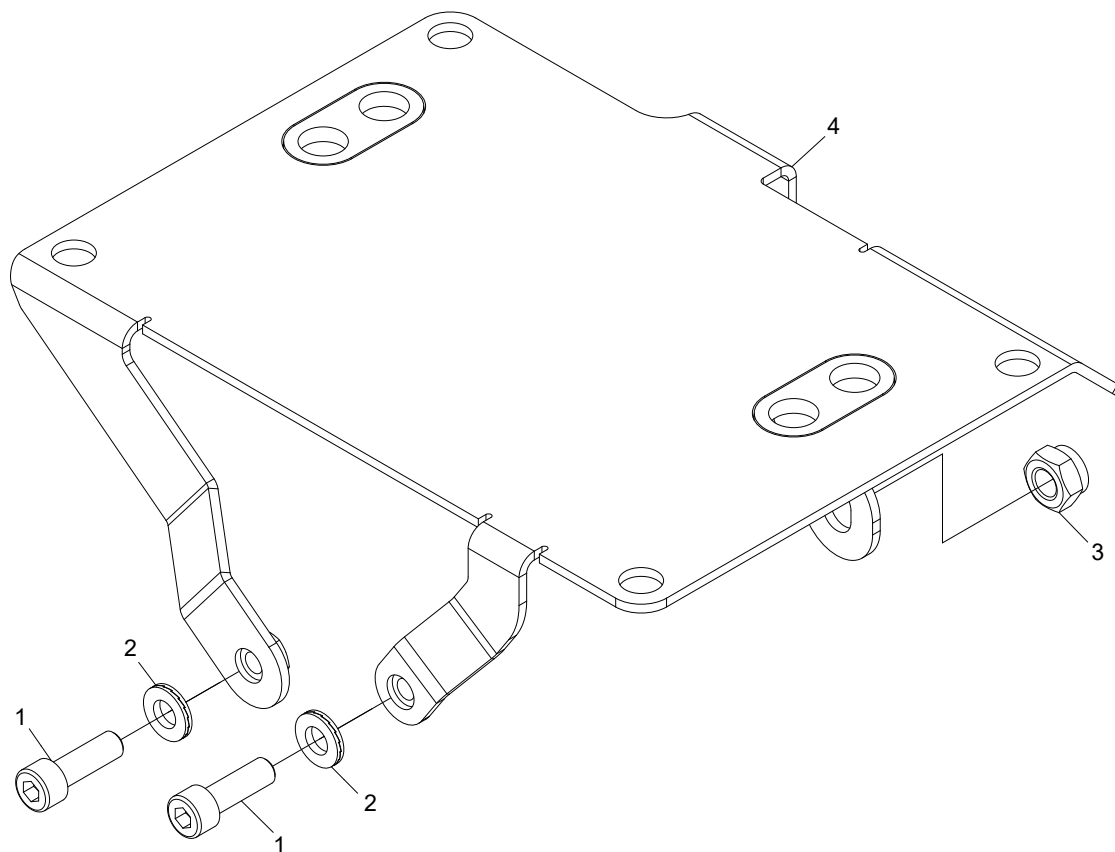
Structure 620462				
Pos.	Part no.	Quantity	Description	Specification
1	503021	7	Washer	BRB 10x20x2,0 FZB
2	502006	11	Nut	M10 FZB
3	620497	3	Tie rod	

9. Control system

Cables

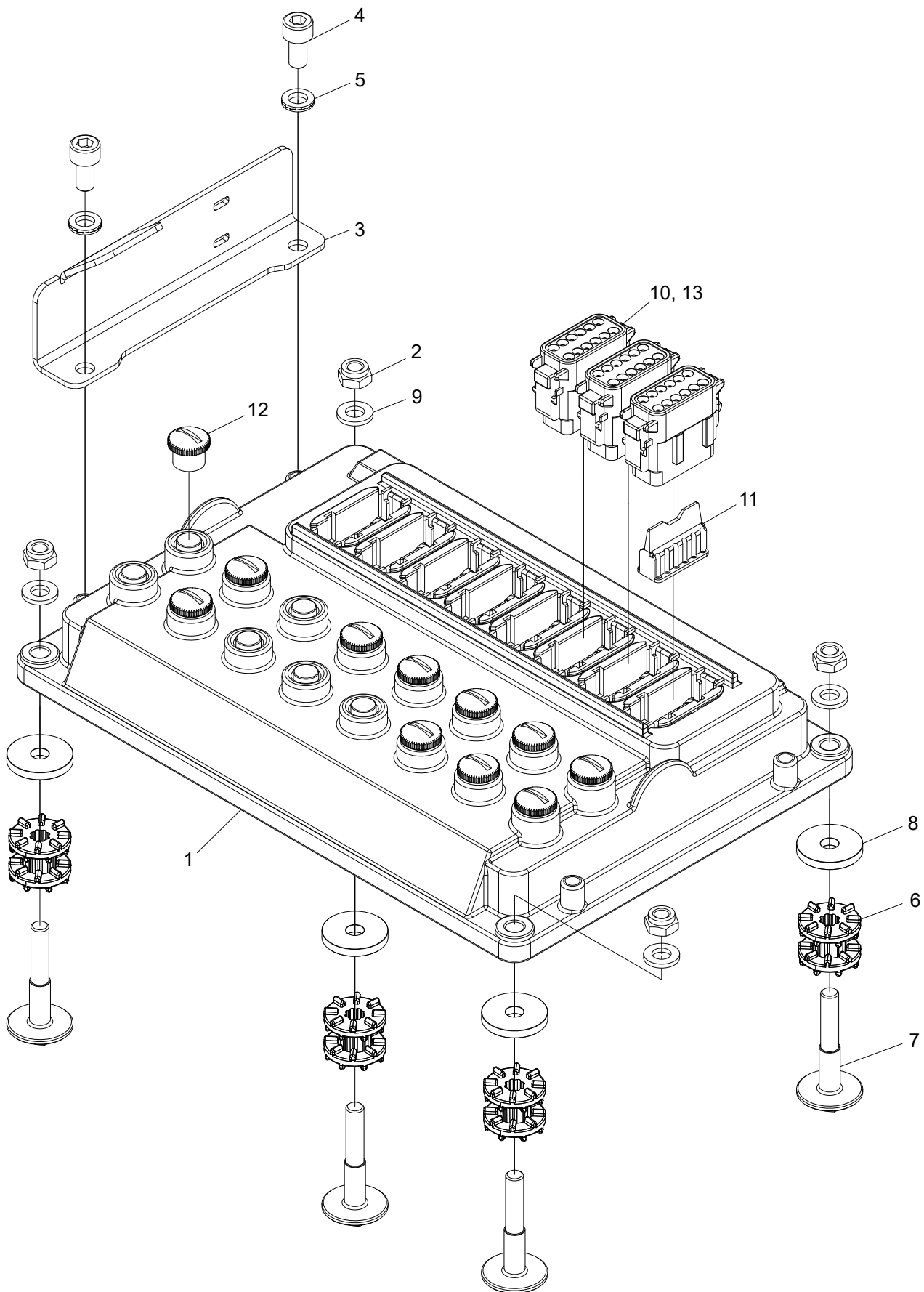
Structure				
Pos.	Part no.	Quantity	Description	Specification
	672042		Cable	1
	672043		Cable	2
	672044		Cable	3
	672045		Cable	
	672026		Cable	4
	672027		Cable	5
	672028		Cable	7
	672029		Cable	8
	672046		Cable	9
	672047		Cable	10
	672048		Cable	6
	672049		Cable	17
	672035		Cable	14
	672050		Cable	12/13
	672037		Cable	15/16/22
	672051		Cable	21
	672052		Cable	20
	674056		Cable	25/26 - 1
	672040		Cable	25/26 - 2
	672041		Cable	25/26 - 3
	672054		Cable	23
	402080		Connector	
	402086		Wedge	
	402077		Plug	

Module bracket



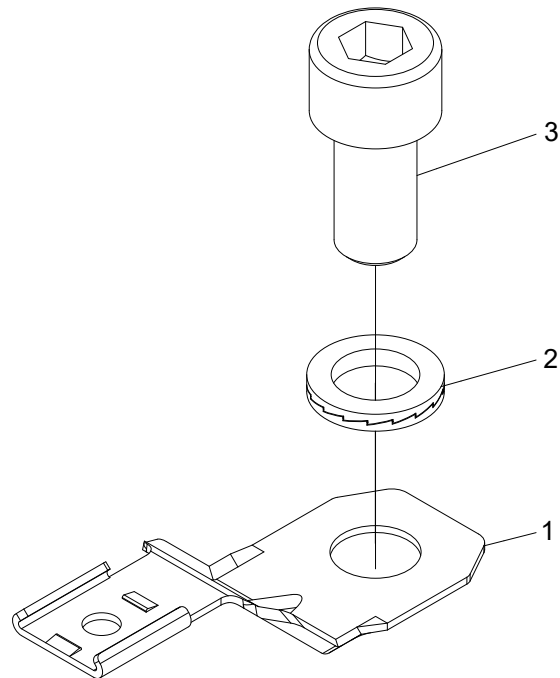
Structure 10000664				
Pos.	Part no.	Quantity	Description	Specification
1	501070	2	Screw	M8x25 12.9
2	503074	2	Washer	NL8
3	502055	1	Nut	M10
4	10000714	1	Bracket	

Module LHM510



Structure 10002098				
Pos.	Part no.	Quantity	Description	Specification
1	10001395	1	Head module	
2	502053	4	Nut	M6
3	10001357	1	Bracket	
4	501043	2	Screw	M6x12 12.9
5	503065	2	Washer	NL6
6	10001958	4	Damping element	NBR 40
7	10001966	4	Screw	
8	10002068	4	Washer	
9	503004	4	Washer	BRB 6,4x12x1,6 FZB
10	402113	3	Connector	
11	402116	1	Connector wedge	
12	401310	11	Cover	
13	402111	36	Plug	

Holder



Structure 10001584				
Pos.	Part no.	Quantity	Description	Specification
1	402098	1	Holder	
2	503057	1	Washer	NL10
3	501087	1	Screw	M10x20 12.9

10. Hose kits

Hose kit Log Max 2000T
General Hose Kit

From Head no. 121001

Language **en**
Part No. **641600/121001**
V. 241113

Crimp. = Crimp diameter | cyl. = cylinder | Ex. = External | L. = Left | Lo. = Lower | Mani. = Manifold
Meas. Wheel = Measuring Wheel | No. = number | Pres. Rating = Pressure Rating | Red. = Reducer | R. = Right
SBR = Saw Bar Rescue | Str. = Straight | Stump treatm. = Stump treatment | Tot. = Total | U. = Upper | WEOPI = WEO Plug-In

Hose no.	Connections		Fittings		Ferrules	Length	Hose type			Note		
	Connection 1	Connection 2	Fitting 1	Fitting 2			Part no.	Total	Size		Part no.	
											Pres. Rating	Standard
615051	Hose guard					Cut 400 mm	2"			Feeding.		
615051	Hose guard					Cut 400 mm	2"			Feeding.		
615055	Hose guard					Cut 350 mm	1/2"			Chain lubrication		
641653	Easy Greasy		BSP -04 Banjo		601149	Cut 370 mm	1/4"		615091			
	Saw unit		BSP -04 Str.		601150	Cut 320 mm						
641624	R. Manifold A1V		BSP -04 Str.		601150	Cut 250 mm	1/4"		615071			
	L. Knife cyl. A		BSP -04 Banjo		601149	Cut 200 mm	450 bar		EN 857 2SC			
641625	R. Manifold B1V		BSP -04 Str.		601150	Cut 325 mm	1/4"		615071			
	L. Knife cyl. B		BSP -04 Banjo		601149	Cut 275 mm	450 bar		EN 857 2SC			
641626	R. Manifold A1H		BSP -04 90		601170	Cut 515 mm	1/4"		615071	345°		
	R. Knife cyl. A		BSP -04 Banjo		601149	Cut 460 mm	450 bar		EN 857 2SC			
641627	R. Manifold B1H		BSP -04 90		601170	Cut 365 mm	1/4"		615071	180°		
	R. Knife cyl. B		BSP -04 Banjo		601149	Cut 310 mm	450 bar		EN 857 2SC			
641628	Lo. Manifold B1		BSP -04 Str.		601150	Cut 475 mm	1/4"		615071			
	Lo. Knife cyl. A		BSP -04 Str.		601150	Cut 420 mm	450 bar		EN 857 2SC			
641629	Lo. Manifold A11		BSP -04 Str.		601150	Cut 385 mm	1/4"		615071			
	Lo. Knife cyl. B		BSP -04 Str.		601150	Cut 330 mm	450 bar		EN 857 2SC			
641630	Lo. Manifold A2		BSP -04 Str.		601150	Cut 370 mm	1/4"		615071			
	Felling link cyl. A		BSP -04 Banjo		601149	Cut 310 mm	450 bar		EN 857 2SC			

General - No protection

Hose kit Log Max 2000T

General Hose Kit

From Head no. 121001

Language **en**

Part No. **641600/121001**

V. 241113

Crimp. = Crimp diameter | cyl. = cylinder | Ex. = External | L. = Left | Lo. = Lower | Mani. = Manifold
 Meas. Wheel = Measuring Wheel | No. = number | Pres. Rating = Pressure Rating | Red. = Reducer | R. = Right
 SBR = Saw Bar Rescue | Str. = Straight | Stump treatm. = Stump treatment | Tot. = Total | U. = Upper | WEOPi = WEO Plug-In

Hose no.	Connections		Fittings		Ferrules Part no.	Length Total Cut	Hose type		Note
	Connection 1	Connection 2	Fitting 1	Part no.			Size	Part no.	
			Fitting 2	Standard					
641631	Lo. Manifold B2		BSP -04 Str.	601150	601125	460 mm	1/4"	615071	
	Felling link cyl. B		BSP -04 Banjo	601149	601125	400 mm	450 bar	EN 857 2SC	
641632	R. Manifold A4H		BSP -04 Str.	601150	601125	575 mm	1/4"	615071	
	R. Roller arm cyl. A		BSP -04 Banjo	601149	601125	520 mm	450 bar	EN 857 2SC	
641633	R. Manifold B4H		BSP -04 Str.	601150	601125	630 mm	1/4"	615071	
	R. Roller arm cyl. B		BSP -04 90	601170	601125	615 mm	450 bar	EN 857 2SC	
641634	R. Manifold A4V		BSP -04 90	601170	601125	685 mm	1/4"	615071	335°
	L. Roller arm cyl. A		BSP -04 Banjo	601149	601125	630 mm	450 bar	EN 857 2SC	
641635	R. Manifold B4V		BSP -04 90	601170	601125	730 mm	1/4"	615071	30°
	L. Roller arm cyl. B		BSP -04 90	601170	601125	690 mm	450 bar	EN 857 2SC	
641644	R. Manifold A4H		BSP -04 45	601175	601125	785 mm	1/4"	615071	280°
	Accumulator		BSP -04 90	601170	601125	730 mm	450 bar	EN 857 2SC	
641645	Saw manifold TNB		BSP -04 Str.	601150	601125	300 mm	1/4"	615071	
	Lo. Manifold T2		BSP -04 90	601170	601125	250 mm	450 bar	EN 857 2SC	
641648	L. Manifold S3 B		BSP -04 Str.	601150	601125	1125 mm	1/4"	615071	
	Saw bar feed cyl. A		BSP -04 Banjo	601149	601125	1080 mm	450 bar	EN 857 2SC	
641649	Saw manifold SM1		BSP -04 Str.	601150	601125	490 mm	1/4"	615071	
	Saw bar feed cyl. B		BSP -04 Banjo	601149	601125	445 mm	450 bar	EN 857 2SC	
641650	L. Manifold S1 D		BSP -04 90	601170	601125	1045 mm	1/4"	615071	305°
	Saw motor DR		BSP -04 90	601160	601125	1000 mm	450 bar	EN 857 2SC	
641651	R. Manifold B8		BSP -04 90	601160	601125	1120 mm	1/4"	615071	
	Meas. Wheel cyl. B		BSP -04 Str.	601150	601125	1080 mm	450 bar	EN 857 2SC	

General - No protection

Hose kit Log Max 2000T
General Hose Kit

From Head no. 121001

Language **en**
Part No. **641600/121001**
V. 241113

Crimp. = Crimp diameter | cyl. = cylinder | Ex. = External | L. = Left | Lo. = Lower | Mani. = Manifold
Meas. Wheel = Measuring Wheel | No. = number | Pres. Rating = Pressure Rating | Red. = Reducer | R. = Right
SBR = Saw Bar Rescue | Str. = Straight | Stump treatm. = Stump treatment | Tot. = Total | U. = Upper | WEOPI = WEO Plug-In

Hose no.	Connections		Fittings		Ferrules	Length	Hose type			Note	
	Connection 1	Connection 2	Fitting 1	Part no.			Total	Size	Part no.		
			Fitting 2						Part no.		Standard
641652	R. Manifold B4H		BSP -04 90	601170	601125	940 mm	1/4"	615071			
641656	Meas. Wheel cyl. A		BSP -04 Str.	601150	601125	905 mm	450 bar	EN 857 2SC			
	Air bleed		BSP -04 Str. Ex.	601159	601125	285 mm	1/4"	615071			
	oil tank		BSP -04 90	601160	601125	235 mm	450 bar	EN 857 2SC			
641411	Upper Fitting Box				601121	770 mm	3/8"	615072			
641659	Meas. Wheel Arm		BSP -06 90°	601161	601121	740 mm	385 bar	EN 857 2SC			
	Protective hose					450 mm	3/8"	615072			
	EG				601121	450 mm	385 bar	EN 857 2SC			
641621	L. Manifold S1 P2		BSP -06 Str.	601151	601121	195 mm	3/8"	615072			
641622	R. Manifold P2		BSP -06 90	601171	601121	140 mm	385 bar	EN 857 2SC			
	L. Manifold S1 TE		BSP -06 90°	601161	601121	265 mm	3/8"	615072	225°		
	R. Manifold T2		BSP -06 90	601171	601121	200 mm	385 bar	EN 857 2SC			
641623	L. Manifold S1 P2		BSP -06 Str.	601151	601121	680 mm	3/8"	615072			
641642	Lo. Manifold P2		BSP -06 45	601176	601121	600 mm	385 bar	EN 857 2SC			
	L. Manifold S1 D		BSP -06 Str.	601151	601121	1395 mm	3/8"	615072			
	R. Roller motor DR		BSP -06 90	601171	601121	1370 mm	385 bar	EN 857 2SC			
641643	L. Manifold S1 D		BSP -06 90	601171	601121	1000 mm	3/8"	615072	15°		
641636	L. Roller motor DR		BSP -06 90	601171	601121	950 mm	385 bar	EN 857 2SC			
	L. Manifold S2 A		BSP -08 45	601177	601122	720 mm	1/2"	615073			
	Adapter Lower		BSP -08 Str.	601152	601122	640 mm	345 bar	EN 857 2SC			
641637	L. Manifold S2 B		BSP -08 45	601177	601122	710 mm	1/2"	615073			
	Adapter Upper		BSP -08 Str.	601152	601122	630 mm	345 bar	EN 857 2SC			

General - No protection

Hose kit Log Max 2000T

Language **en**

General Hose Kit

Part No. **641600/121001**

From Head no. 121001

V. 241113

Crimp. = Crimp diameter | cyl. = cylinder | Ex. = External | L. = Left | Lo. = Lower | Mani. = Manifold
 Meas. Wheel = Measuring Wheel | No. = number | Pres. Rating = Pressure Rating | Red. = Reducer | R. = Right
 SBR = Saw Bar Rescue | Str. = Straight | Stump treatm. = Stump treatment | Tot. = Total | U. = Upper | WEOPi = WEO Plug-In

Hose no.	Connections		Fittings		Ferrules Part no.	Length Total Cut	Hose type		Note	
	Connection 1	Connection 2	Fitting 1	Fitting 2			Part no.	Size		Part no.
			Part no.	Part no.						
641646	L. Manifold S3 A		BSP -08 Str.		601152	1240 mm	1/2"	615073		
	Saw manifold SP1		BSP -08 Str.		601152	1180 mm	345 bar	EN 857 2SC		
641647	L. Manifold S1 T2		BSP -08 90		601162	740 mm	1/2"	615073		
	Saw manifold ST1		BSP -08 Str.		601152	670 mm	345 bar	EN 857 2SC		
641638	Adapter Upper		BSP -08 90		601172	560 mm	1/2"	615073	130°	
	R. Roller motor Upper		BSP -08 90		601172	500 mm	345 bar	EN 857 2SC		
641639	Adapter Lower		BSP -08 90		601172	537 mm	1/2"	615073	125°	
	R. Roller motor Lower		BSP -08 90		601172	480 mm	345 bar	EN 857 2SC		
641640	L. Manifold S2 A		BSP -08 Str.		601152	560 mm	1/2"	615073		
	L. Roller motor Lower		BSP -08 90		601172	500 mm	345 bar	EN 857 2SC		
641641	L. Manifold S2 B		BSP -08 Str.		601152	520 mm	1/2"	615073		
	L. Roller motor Upper		BSP -08 90		601172	460 mm	345 bar	EN 857 2SC		

General - No protection

Hose kit Log Max 2000T
Rotator control

From Head no. 121001

Language **en**
Part No. **641601/121001**
V. 241113

Crimp. = Crimp diameter | cyl. = cylinder | Ex. = External | L. = Left | Lo. = Lower | Mani. = Manifold
Meas. Wheel = Measuring Wheel | No. = number | Pres. Rating = Pressure Rating | Red. = Reducer | R. = Right
SBR = Saw Bar Rescue | Str. = Straight | Stump treatm. = Stump treatment | Tot. = Total | U. = Upper | WEOPI = WEO Plug-In

Hose no.	Connections		Fittings		Ferrules	Length	Hose type			Note	
	Connection 1	Connection 2	Fitting 1	Fitting 2			Part no.	Total	Size		Part no.
615049	Hose guard					0 mm	3/4"				
615055	Hose guard					0 mm	1/2"				
641660	L. Manifold PE		BSP -04 45		601175	1360 mm	1/4"	615071			
	Manifold P2		BSP -04 Str.		601150	1300 mm	450 bar	EN 857 2SC			
641661	L. Manifold TE		BSP -04 90		601170	1355 mm	1/4"	615071			
	Manifold T2		BSP -04 Str.		601150	1310 mm	450 bar	EN 857 2SC			
641662	Manifold B		BSP -04 Banjo		601149	285 mm	1/4"	615071			
	Rotator R.		BSP -04 Str.		601150	230 mm	450 bar	EN 857 2SC			
641663	Manifold A		BSP -04 Banjo		601149	285 mm	1/4"	615071			
	Rotator L.		BSP -04 Str.		601150	230 mm	450 bar	EN 857 2SC			

General - No protection

Hose kit Log Max 2000T

Language **en**

Stump treatment

Part No. **641602/121001**

From Head no. 121001

V. 241113

Crimp. = Crimp diameter | cyl. = cylinder | Ex. = External | L. = Left | Lo. = Lower | Mani. = Manifold
 Meas. Wheel = Measuring Wheel | No. = number | Pres. Rating = Pressure Rating | Red. = Reducer | R. = Right
 SBR = Saw Bar Rescue | Str. = Straight | Stump treatm. = Stump treatment | Tot. = Total | U. = Upper | WEOPI = WEO Plug-In

Hose no.	Connections		Fittings		Ferrules Part no.	Length Total Cut	Hose type			Note	
	Connection 1	Connection 2	Fitting 1	Fitting 2			Part no.	Size	Part no.		
									Pres. Rating		Standard
615049		Hose guard				500 mm	3/4"				
641657	Adapter		BSP -04 45		601539	985 mm	1/4"		615091		
641658	Check valve		BSP -04 Str.		601539	930 mm					
	Check valve		BSP -04 Str.		601539	600 mm	1/4"		615091		
	Saw unit		M 12 45°		601539	540 mm					

General - No protection

Hose kit Log Max 2000T
Chain lubrication

From Head no. 121001

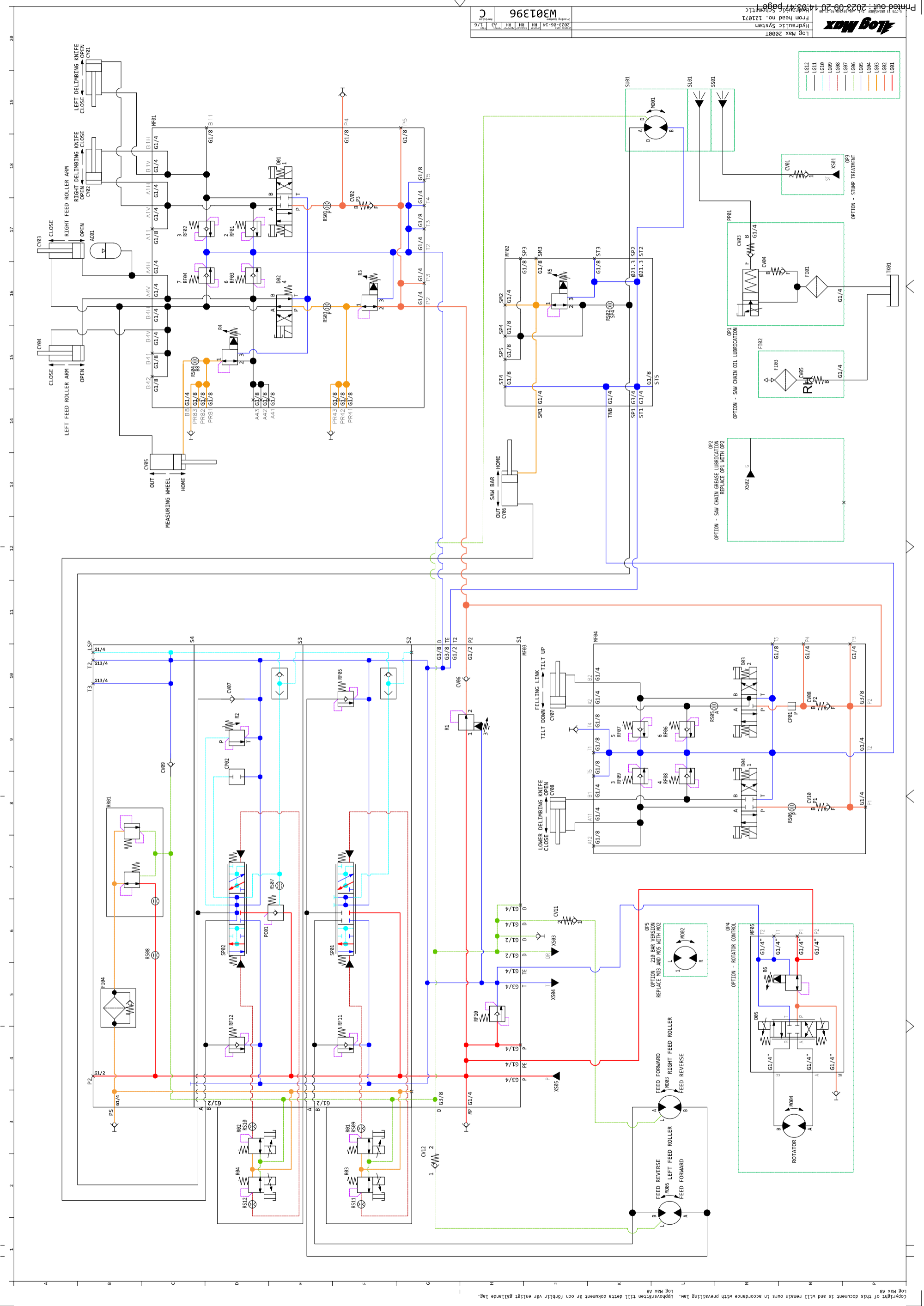
Language **en**
Part No. **641603/121001**
V. 241113

Crimp. = Crimp diameter | cyl. = cylinder | Ex. = External | L. = Left | Lo. = Lower | Mani. = Manifold
Meas. Wheel = Measuring Wheel | No. = number | Pres. Rating = Pressure Rating | Red. = Reducer | R. = Right
SBR = Saw Bar Rescue | Str. = Straight | Stump treatm. = Stump treatment | Tot. = Total | U. = Upper | WEOPI = WEO Plug-In

Hose no.	Connections		Fittings		Ferrules	Length	Hose type			Note		
	Connection 1	Connection 2	Fitting 1	Fitting 2			Part no.	Total	Size		Part no.	
									Pres.			Rating
615055	Hose guard					700 mm		1/2"				
641654	Adapter Grease		BSP -04 Str.		601150	705 mm		1/4"	615091			
	Adaptor Grease		BSP -04 Str.		601150	670 mm						
641655	Adaptor Grease		BSP -04 45		601175	660 mm		1/4"	615091			
	Saw unit		BSP -04 Str.		601150	600 mm						

General - No protection

11. Schematics



LG12	LG11
LG10	LG09
LG08	LG07
LG06	LG05
LG04	LG03
LG02	LG01

Copyright of this document is and will remain ours in accordance with prevailing law. Upphovsrätten till detta dokument är och förblir vår enligt gällande lag.
Log Max AB

REV	1	2	3	4	5	DATE	BY
A	CHANGE DESCRIPTION						
A	RS05 and CP01 replaced places. Vickers to Dana Brevini for D01, D02, D03 and D04 directional valves.					2023.03.28	IV
B	R3, R4 and R5 pressure reducer change from 611206 to 619013					2023.03.28	IV
C	10001141 replaced by 10002208.					2023.06.14	RH

B

C

D

E

F

G

RH

					
S-770 13 GRANGÅRDE Tel. +46-(0)240-59 11 00					
Created Date	Creator	Reviewer	Approver	Format	Page
2023-06-14	RH	RH	RH	A4	2/6
Drawing Number				Revision	
W301396				C	

Log Max 2000T

Hydraulic System

From head no. 121071

Hydraulic Schematic

Printed out : 2023-09-20 14:03:47 page 2

Copyright of this document is and will remain ours in accordance with prevailing law. Upphovsrätten till detta dokument är och förblir vår enligt gällande lag.
Log Max AB

	1	2	3	4	5	
	TAG	GRID	SH	PART NUMBER	DESCRIPTION	
	AC01	B-17	1	610114	Accumulator (diaphragm type).	
				610120	Accumulator (diaphragm type). Discharged.	
A	CP01	N-10	1		Empty Cavity.	
	CP02	D-8	1		Cavity plug.	
	CV01	N-18	1	617009	Check valve.	
	CV02	F-17	1	617024	Check valve.	
	CV03	M-17	1	617016	Check valve.	
	CV04	N-16	1	617016	Check valve.	
	CV05	N-15	1	617016	Check valve.	
	B	CV06	H-10	1	611202	Check valve.
		CV07	D-10	1	620398	Check valve.
		CV08	N-10	1	617024	Check valve.
		CV09	C-8	1	617070	Check valve.
		CV10	N-8	1	617024	Check valve.
CV11		J-6	1	617001	Check valve.	
CV12		G-2	1	617001	Check valve.	
C		CY01	B-20	1	018352	Hydraulic Cylinder.
		CY02	B-18	1	018351	Hydraulic Cylinder.
		CY03	B-17	1	018350	Hydraulic Cylinder.
		CY04	B-15	1	018350	Hydraulic Cylinder.
		CY05	C-13	1	018349	Hydraulic Cylinder.
		CY06	H-13	1	018348	Hydraulic Cylinder.
D		CY07	J-10	1	018352	Hydraulic Cylinder.
	CY08	J-8	1	010185	Hydraulic Cylinder.	
	D01	E-17	1	10002208	Directional valve.	
	D02	E-16	1	10001139	Directional valve.	
	D03	M-10	1	10001140	Directional valve.	
	D04	M-8	1	10002208	Directional valve.	
	D05	N-5	1	612031	Directional valve.	
E	FI01	N-16	1	013702	Filter.	
	FI02	P-15	1	015037	Tank breather filter.	
	FI03	N-15	1	602311	Filter.	
	FI04	B-5	1	620426	Pilot strainer.	
	LG01	P-19	1		Hydraulic pressure level 1 line.	
	LG02	P-19	1		Hydraulic pressure level 2 line.	
	LG03	P-19	1		Hydraulic pressure level 3 line.	
	LG04	P-19	1		Hydraulic servo pressure line.	
F						
G						

RH




S-770 13 GRANGÅRDE Tel. +46-(0)240-59 11 00

Created Date	Creator	Reviewer	Approver	Format	Page
2023-06-14	RH	RH	RH	A4	3/6
Drawing Number				Revision	
W301396				C	


Printed out : 2023-09-20 14:03:47 page 3

Copyright of this document is and will remain ours in accordance with prevailing law. Upphovsrätten till detta dokument är och förblir vår enligt gällande lag.
Log Max AB

	1		2		3	4	5										
TAG	GRID	SH	PART NUMBER		DESCRIPTION												
	LG05	P-19	1		Hydraulic return line.												
	LG06	P-19	1		Hydraulic drain line.												
A	LG07	P-19	1		Hydraulic work line.												
	LG08	N-19	1		Hydraulic servo line.												
	LG09	N-19	1		Hydraulic internal pilot line.												
	LG10	N-19	1		Hydraulic load sense line.												
	LG11	N-19	1		Hydraulic symbol enclosure.												
	LG12	N-19	1		Hydraulic assembly enclosure.												
B	MF01	G-16	1	018302	Right manifold												
	MF02	K-14	1	018300	Saw motor manifold.												
	MF03	H-10	1	614010-02	Left manifold												
	MF04	P-10	1	018301	Lower manifold.												
	MF05	N-6	1	017604	Rotator Control.												
	MO01	L-19	1	609000	Hydraulic motor.												
	MO02	L-6	1	609044	Hydraulic motor.												
C	MO03	L-3	1	10000301	Hydraulic motor.												
	MO04	N-3	1	618069	Rotator												
	MO05	L-2	1	10000301	Hydraulic motor.												
	OP1	M-15	1		Optional equipment. See description in schematic for details.												
	OP2	L-14	1		Optional equipment. See description in schematic for details.												
	OP3	P-18	1		Optional equipment. See description in schematic for details.												
	OP4	M-6	1		Optional equipment. See description in schematic for details.												
D	OP5	K-6	1		Optional equipment. See description in schematic for details.												
	PC01	E-6	1		Pressure Compensator.												
				620520	Size B.												
				620521	Size G.												
	PP01	P-16	1	033027	Saw chain oil pump.												
	R01	F-3	1	620590	Pressure reducing/relieving valve. Electro-proportional. Manual push override.												
	R02	D-3	1	620590	Pressure reducing/relieving valve. Electro-proportional. Manual push override.												
E	R03	F-2	1	620590	Pressure reducing/relieving valve. Electro-proportional. Manual push override.												
	R04	D-2	1	620590	Pressure reducing/relieving valve. Electro-proportional. Manual push override.												
	R1	H-9	1	611201	Pressure reducing valve. Manually adjustable.												
	R2	D-9	1	620397	Pressure relief valve. Screw adjust. Pilot capacity.												
	R3	F-16	1	619013	Pressure reducing/relieving valve. Screw adjust.												
	R4	D-15	1	619013	Pressure reducing/relieving valve. Screw adjust.												
F	R5	J-16	1	619013	Pressure reducing/relieving valve. Screw adjust.												
	R6	N-5	1	619016	Pressure reducing/relieving valve. Spool. Pilot operated. Screw adjust.												
	RH																
G	Log Max 2000T Hydraulic System From head no. 121071 Hydraulic Schematic					 S-770 13 GRANGÄRDE Tel. +46-(0)240-59 11 00											
						Created Date	2023-06-14	Creator	RH	Reviewer	RH	Approver	RH	Format	A4	Page	4/6
						Drawing Number		W301396		Revision		C					

Printed out : 2023-09-20 14:03:47 page 4

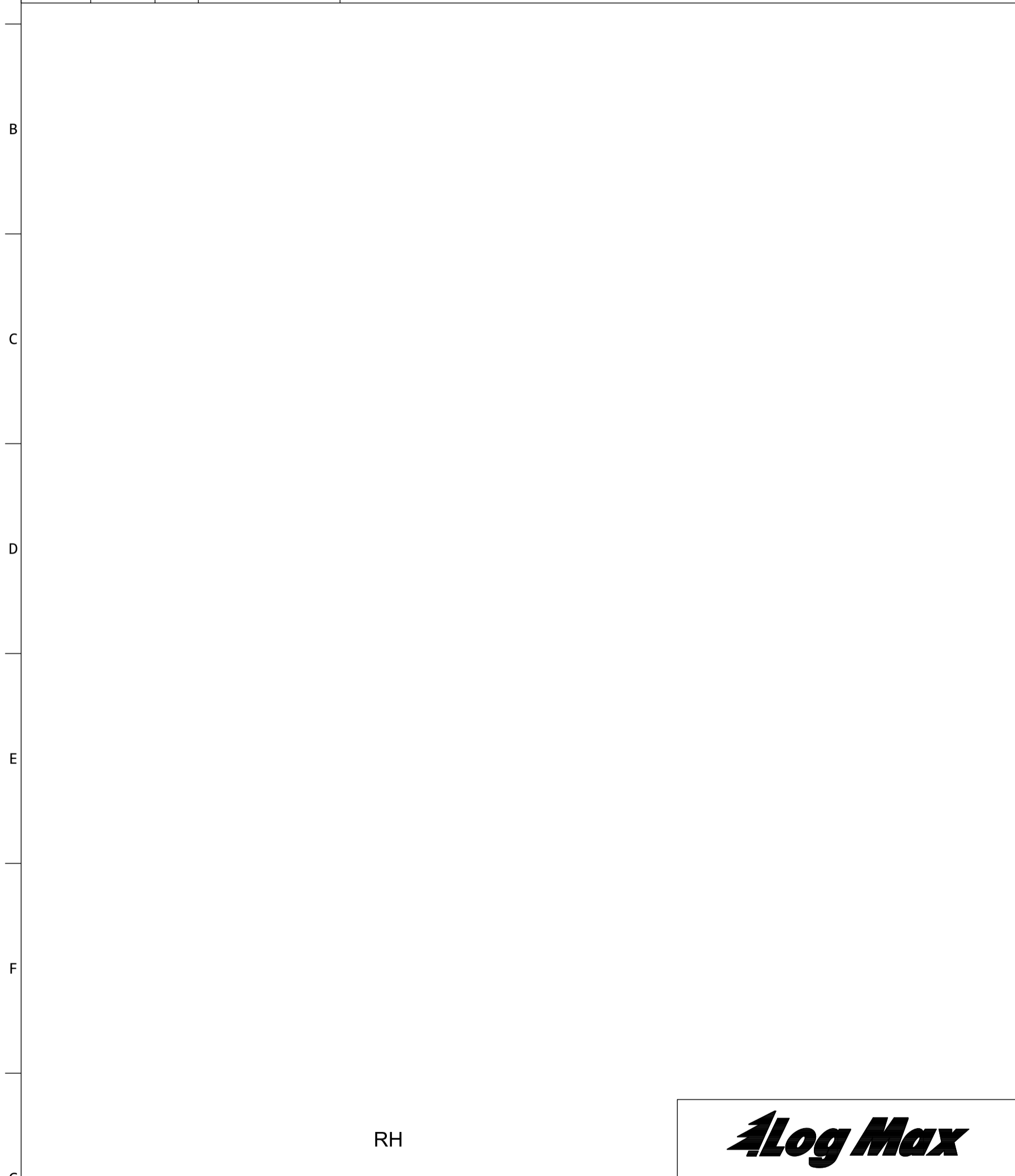
Copyright of this document is and will remain ours in accordance with prevailing law. Upphovsrätten till detta dokument är och förblir vår enligt gällande lag.
Log Max AB

	1		2		3	4	5			
	TAG	GRID	SH	PART NUMBER	DESCRIPTION					
A	RF01	D-17	1	620404	Pressure relief valve with anti-cavitation function. Direct-acting. Fixed setting.					
	RF02	D-17	1	620404	Pressure relief valve with anti-cavitation function. Direct-acting. Fixed setting.					
	RF03	D-16	1	620496	Pressure relief valve with anti-cavitation function. Direct-acting. Fixed setting.					
	RF04	D-16	1	620496	Pressure relief valve with anti-cavitation function. Direct-acting. Fixed setting.					
	RF05	F-10	1	620400	Pressure relief valve with anti-cavitation function. Direct-acting. Fixed setting.					
B	RF06	L-9	1	620404	Pressure relief valve with anti-cavitation function. Direct-acting. Fixed setting.					
	RF07	K-9	1	620404	Pressure relief valve with anti-cavitation function. Direct-acting. Fixed setting.					
	RF08	L-8	1	620404	Pressure relief valve with anti-cavitation function. Direct-acting. Fixed setting.					
	RF09	K-8	1	620404	Pressure relief valve with anti-cavitation function. Direct-acting. Fixed setting.					
	RF10	H-5	1	611196	Pressure relief valve with anti-cavitation function. Direct-acting. Fixed setting.					
C	RF11	F-4	1	620484	Pressure relief valve with anti-cavitation function. Direct-acting. Fixed setting.					
	RF12	D-4	1		Pressure relief valve with anti-cavitation function. Direct-acting. Fixed setting.					
	RR01	C-6	1		Pressure reducing/relieving with built-in pressure relief valve. Fixed.					
				620417	Size G.					
				620418	Size R.					
D	RS01	E-17	1	10001121	Restrictor.					
	RS02	K-16	1	613013	Restrictor.					
	RS03	E-16	1	10001123	Restrictor.					
	RS04	C-15	1	10001120	Restrictor.					
	RS05	L-10	1	613014	Restrictor.					
E	RS06	N-8	1	613010	Restrictor.					
	RS07	E-7	1	620508	Restrictor.					
	RS08	C-6	1		Restrictor.					
	RS09	F-3	1	620346	Restrictor.					
	RS10	D-3	1	620339	Restrictor.					
F	RS11	F-2	1	620346	Restrictor.					
	RS12	D-2	1	620339	Restrictor.					
	S1	G-4	1	614116-07	Inlet Section.					
	S2	G-4	1	614115-08	Work section. Feed roller motors. EC2.					
G	S3	E-4	1	614117-02	Work section. Saw motor and saw bar home. EC2.					
	S4	C-4	1	614110-01	End Section.					
	SL01	L-18	1		Saw chain lubrication unit.					
	SP01	F-6	1	620454	Valve spool.					
H	SP02	D-6	1	620440	Valve spool.					
	SS01	M-18	1		Saw stump treatment unit.					
	SU01	K-18	1		Saw Unit.					
	TK01	P-16	1		Frame integrated saw chain oil tank.					
RH										
Log Max 2000T					S-770 13 GRANGÅRDE Tel. +46-(0)240-59 11 00					
Hydraulic System					Created Date	Creator	Reviewer	Approver	Format	Page
From head no. 121071					2023-06-14	RH	RH	RH	A4	5/6
Hydraulic Schematic					Drawing Number			Revision		
					W301396			C		

Printed out : 2023-09-20 14:03:47 page 5

Copyright of this document is and will remain ours in accordance with prevailing law. Upphovsrätten till detta dokument är och förblir vår enligt gällande lag.
Log Max AB

	1		2		3	4	5
TAG	GRID	SH	PART NUMBER	DESCRIPTION			
XS01	N-18	1		Carrier stump treatment medium supply.			
XS02	M-13	1		Carrier saw chain grease supply.			
A XS03	J-6	1		Carrier drain (leakage) return.			
XS04	J-5	1		Carrier main return.			
XS05	J-4	1		Carrier pressure supply.			



RH



S-770 13 GRANGÄRDE Tel. +46-(0)240-59 11 00

Log Max 2000T

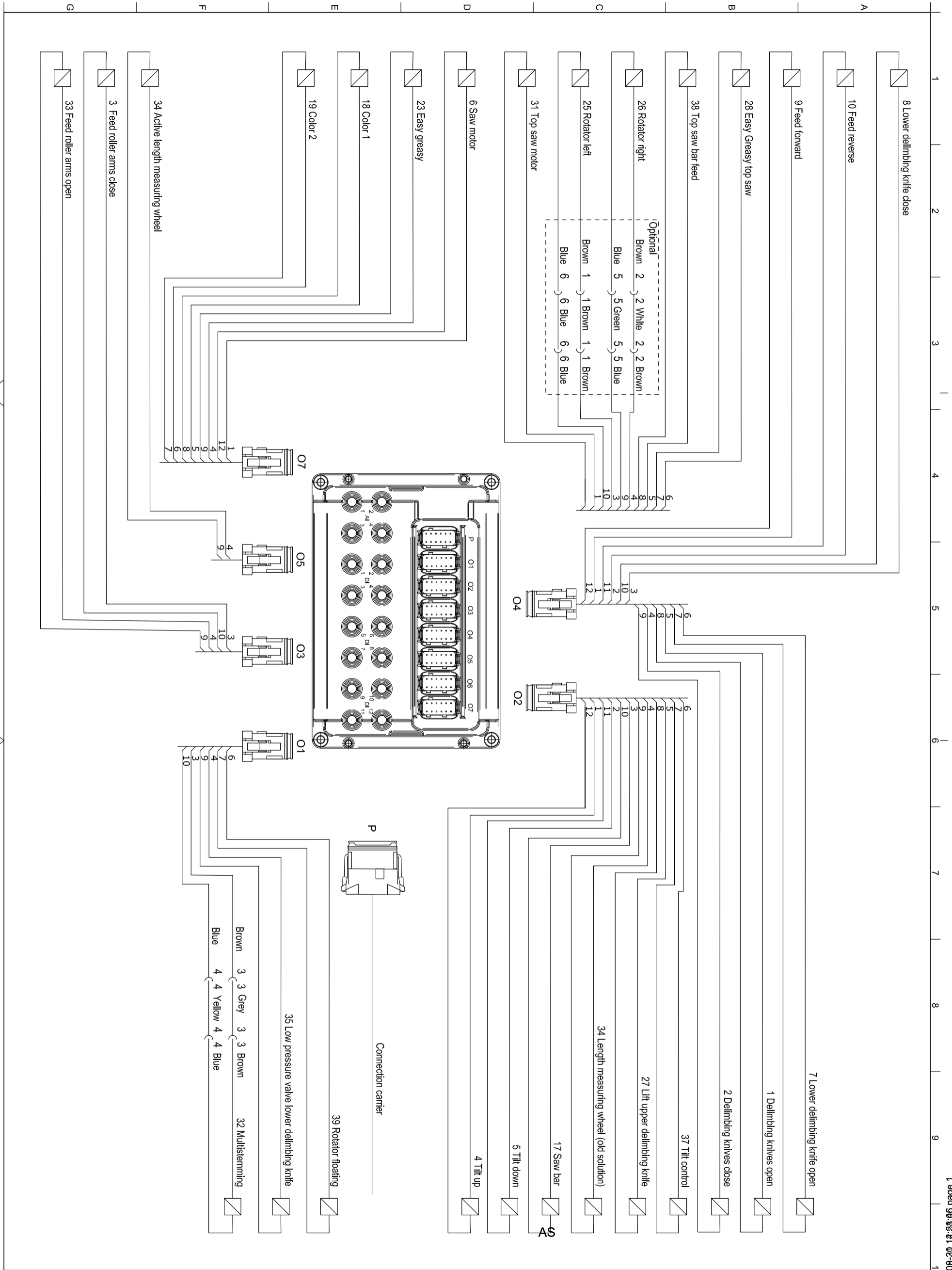
Hydraulic System

From head no. 121071

Hydraulic Schematic

Created Date	Creator	Reviewer	Approver	Format	Page
2023-06-14	RH	RH	RH	A4	6/6
Drawing Number				Revision	
W301396				C	

Printed out : 2023-09-20 14:03:47 page 6

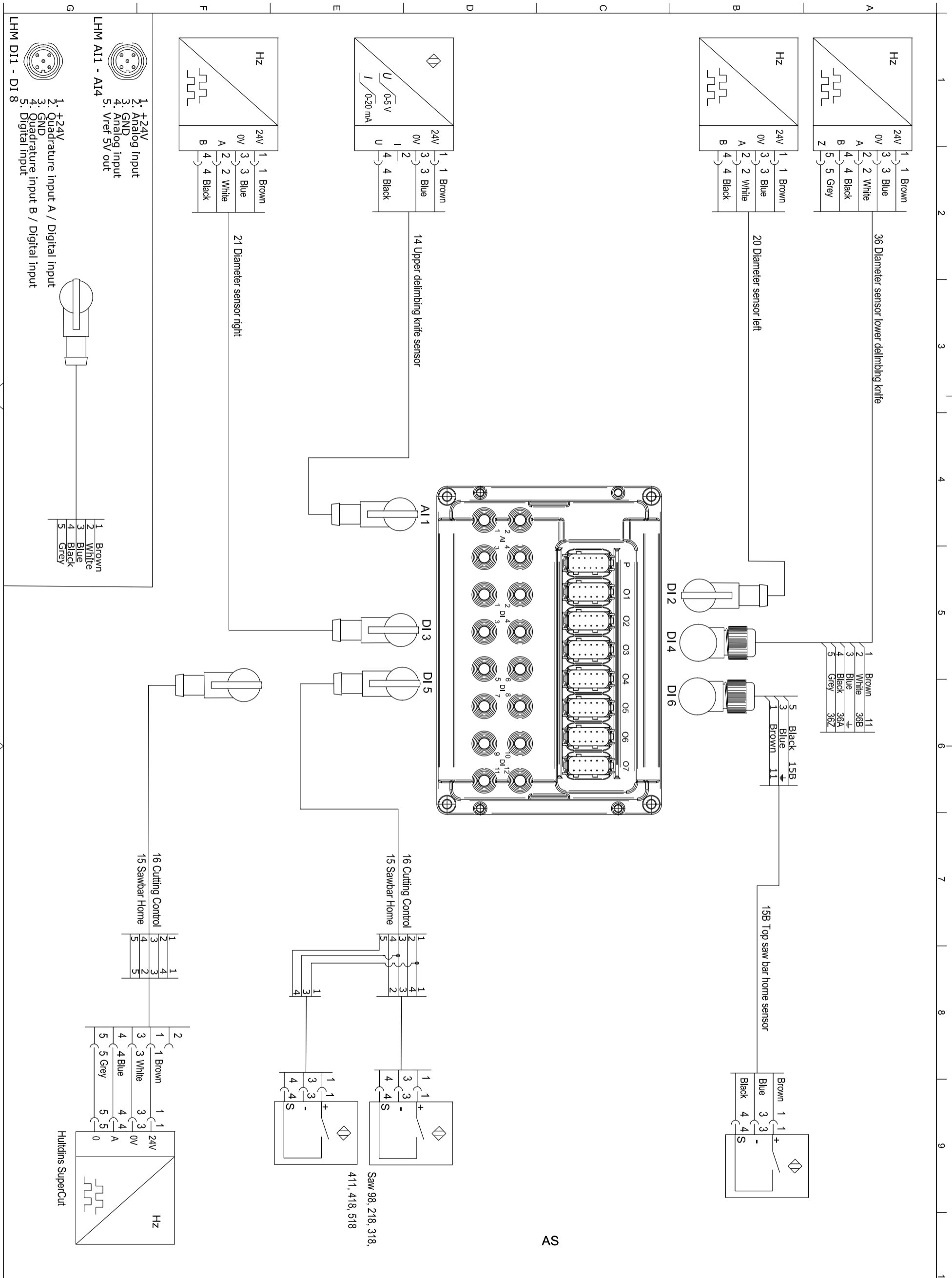


1 ebed 98:88:21 02-80-2202 : no pejuj



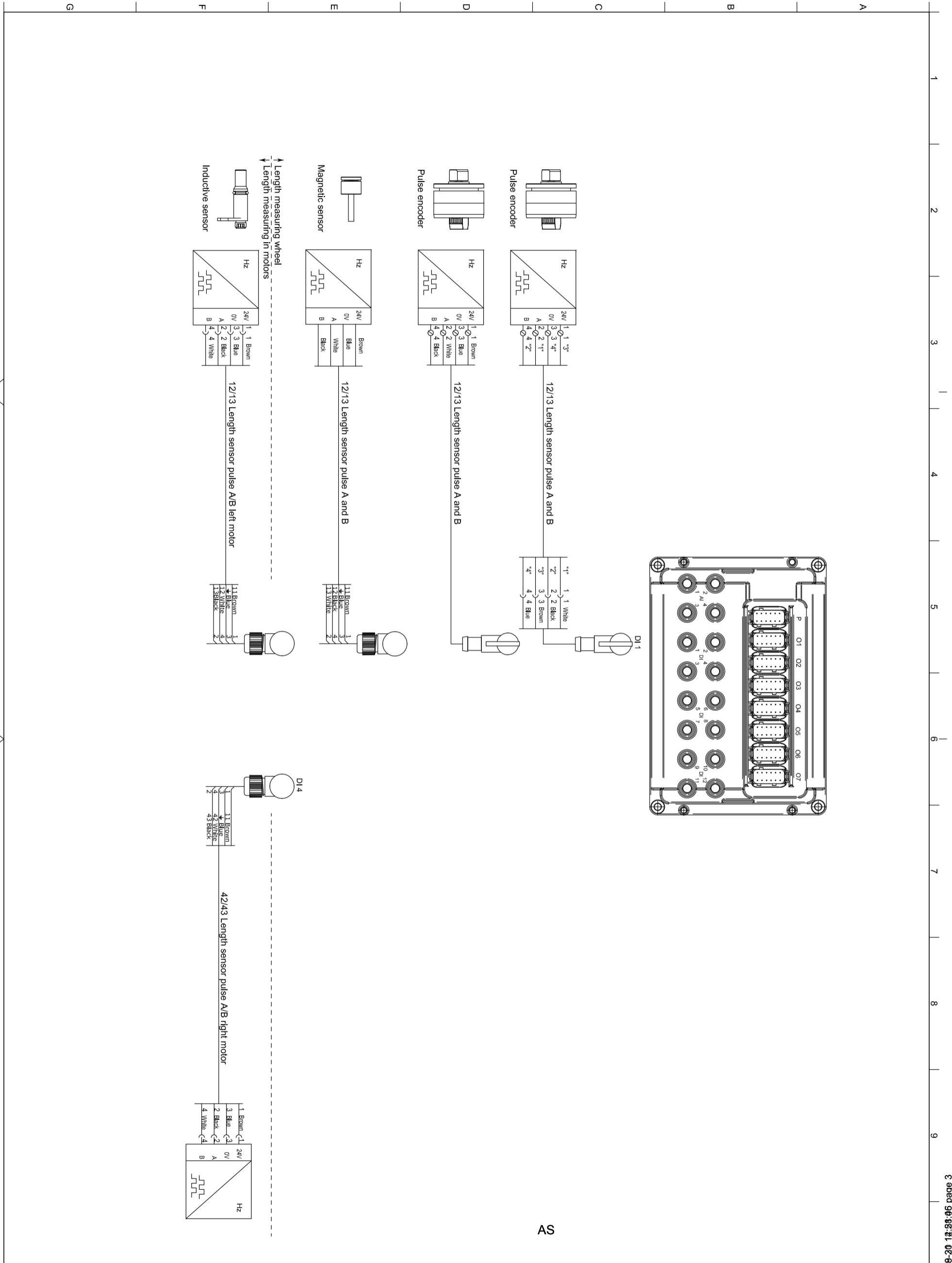
Log Max
Elschemna
Elsystem - Log Mate 510 LHM3

Created Date	2023-08-15	Creator	AS	Reviewer	VS	Approver	VS	Format	A3	Page	1 / 6
Drawing Number	W301547								Revision	-	




2 aged 96:98:21 02-00-2022 : .mtd Printed out

	Log Max	Created Date	2023-08-15	Creator	AS	Reviewer	VS	Approver	VS	Format	A3	Page	2 / 6
	Elschemna	Drawing Number	W301547		Revision	-							
Elsystem - Log Mate 510 LHM3		S-770 13 GRANGÄRDE Tel. +46-(0)240-59 11 00											

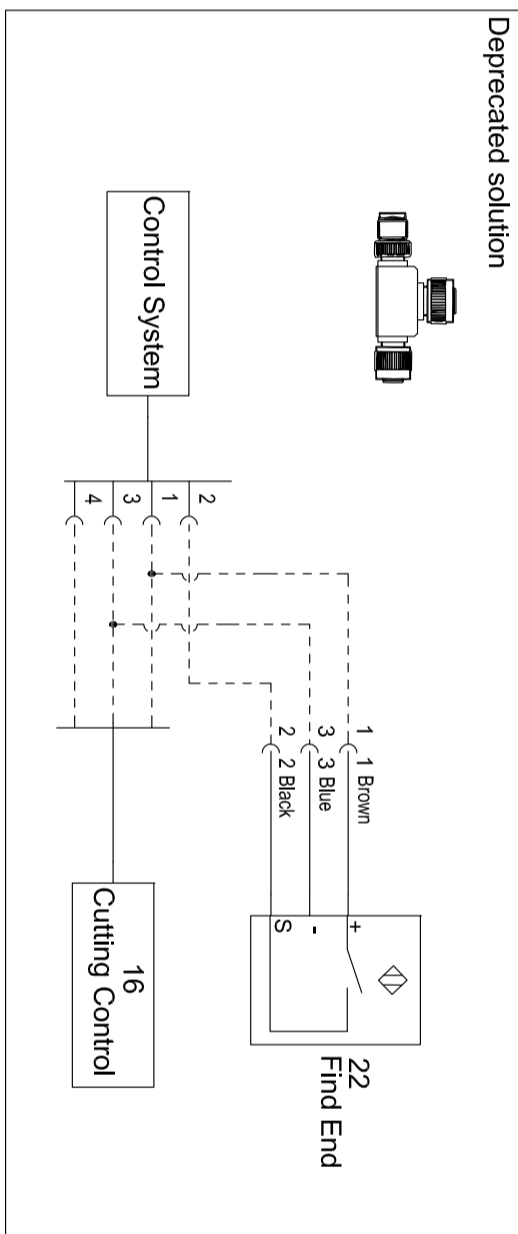
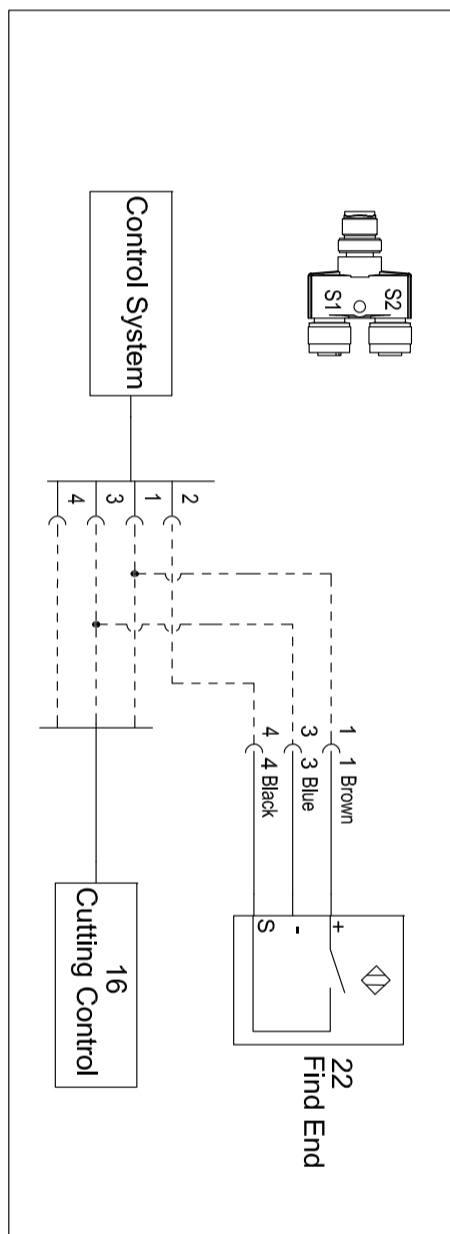


AS


 S-770 13 GRANGÄRDE Tel. +46-(0)240-59 11 00	Log Max	Created Date	2023-08-15	Creator	AS	Reviewer	VS	Approver	VS	Format	A3	Page	3 / 6
	Elschemna Elsystem - Log Mate 510 LHM3	Drawing Number	W301547		Revision	-							

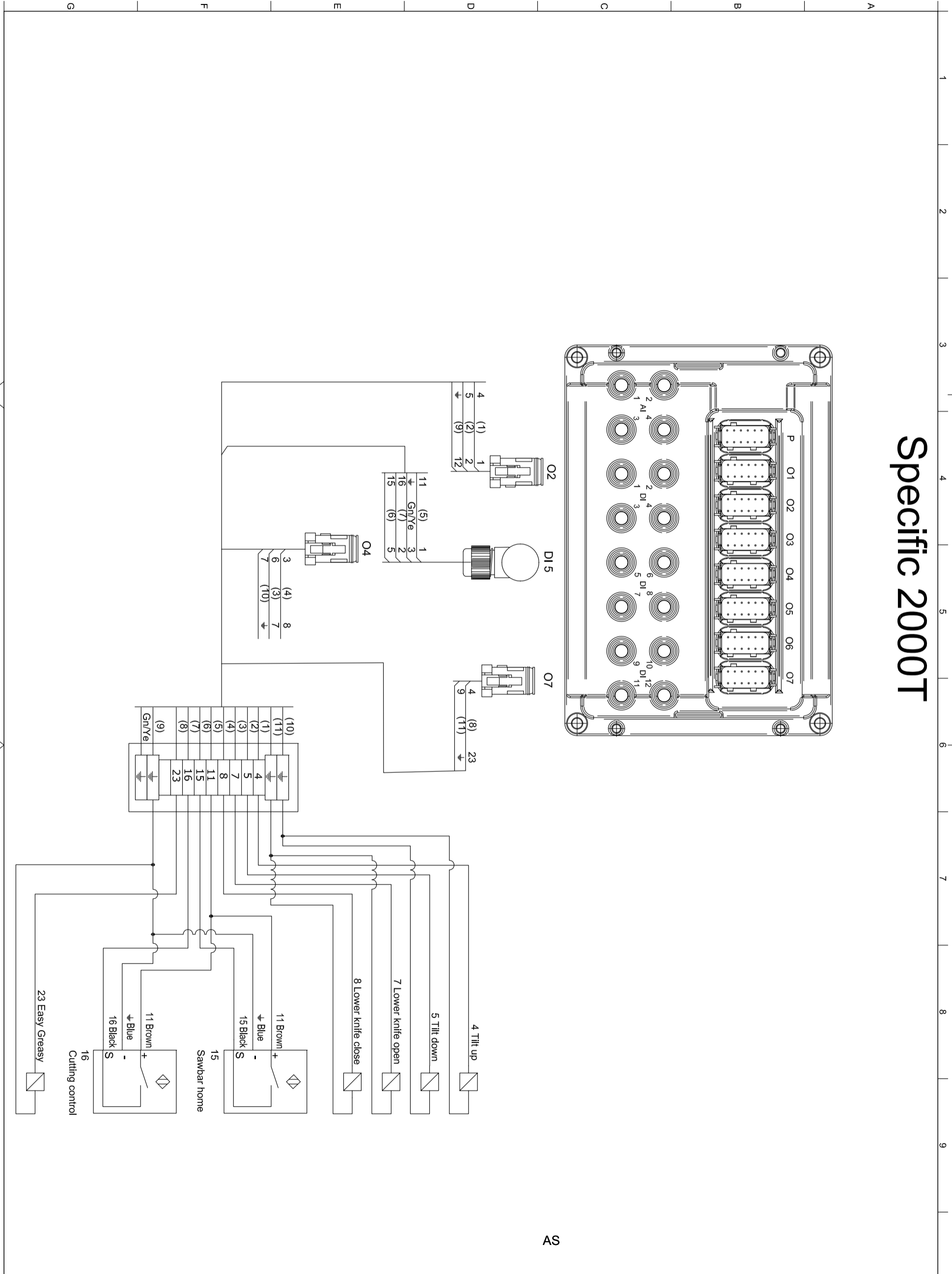
G F E D C B A

1 2 3 4 5 6 7 8 9 10



AS

 S-770 13 GRANGÄRDE Tel. +46-(0)240-59 11 00	Log Max	Created Date	2023-08-15	Creator	AS	Reviewer	VS	Approver	VS	Format	A3	Page	4 / 6
	Elsystem - Log Mate 510 LHM3	Drawing Number	W301547		Revision	-							




Specific 2000T

AS

<p>S-770 13 GRANGÄRDE Tel. +46-(0)240-59 11 00</p>	<p>Log Max</p>	<table border="1"> <tr> <th>Created Date</th> <th>Creator</th> <th>Reviewer</th> <th>Approver</th> <th>Format</th> <th>Page</th> </tr> <tr> <td>2023-08-15</td> <td>AS</td> <td>VS</td> <td>VS</td> <td>A3</td> <td>5 / 6</td> </tr> </table>	Created Date	Creator	Reviewer	Approver	Format	Page	2023-08-15	AS	VS	VS	A3	5 / 6
	Created Date	Creator	Reviewer	Approver	Format	Page								
2023-08-15	AS	VS	VS	A3	5 / 6									
<p>Elschemna</p> <p>Elsystem - Log Mate 510 LHM3</p>	<p>Drawing Number</p> <p>W301547</p>	<p>Revision</p> <p>-</p>												

Upphovsrätten till detta dokument är och förblir vår enligt gällande lag.
Log Max AB

Copyright of this document is and will remain ours in accordance with prevailing law.
Log Max AB

	1	2	3	4	5	
REV	CHANGE DESCRIPTION				DATE	BY
A						
B						
C						
D						
E						
F						
G	AS				 S-770 13 GRANGÅRDE Tel. +46-(0)240-59 11 00	
	Log Max				Created Date	Page
					2023-08-15	6 / 6
	Elschema				Creator	Reviewer
	Elsystem - Log Mate 510 LHM3				AS	VS
					Approver	Format
					VS	A4
					Drawing Number	Revision
					W301547	-

Printed out : 2023-08-20 12:38:06 page 6

Log Max

2000T

Spare part manual

121090-

en

Log Max

2000T

Spare part manual

121090-

en

Log Max

2000T

Spare part manual

121090-

en

Log Max

2000T

Spare part manual

121090-

en

Log Max

2000T

Spare part manual

121090-

en

Log Max

2000T

Spare part manual

121090-

en

Log Max

2000T

Spare part manual

121090-

en