

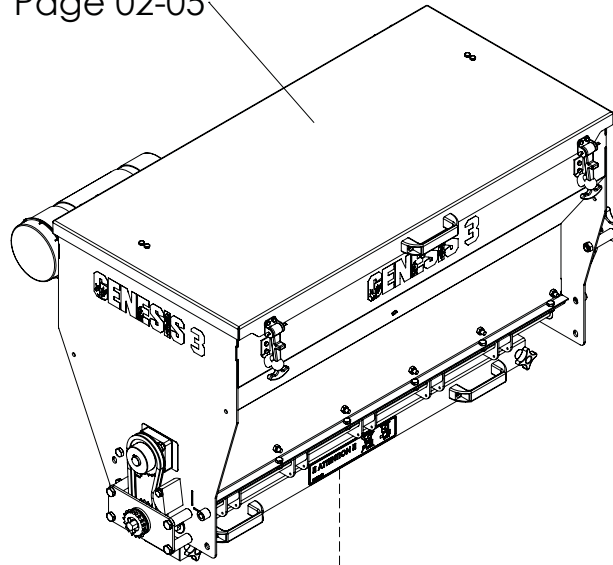
Parts manual

Genesis 3



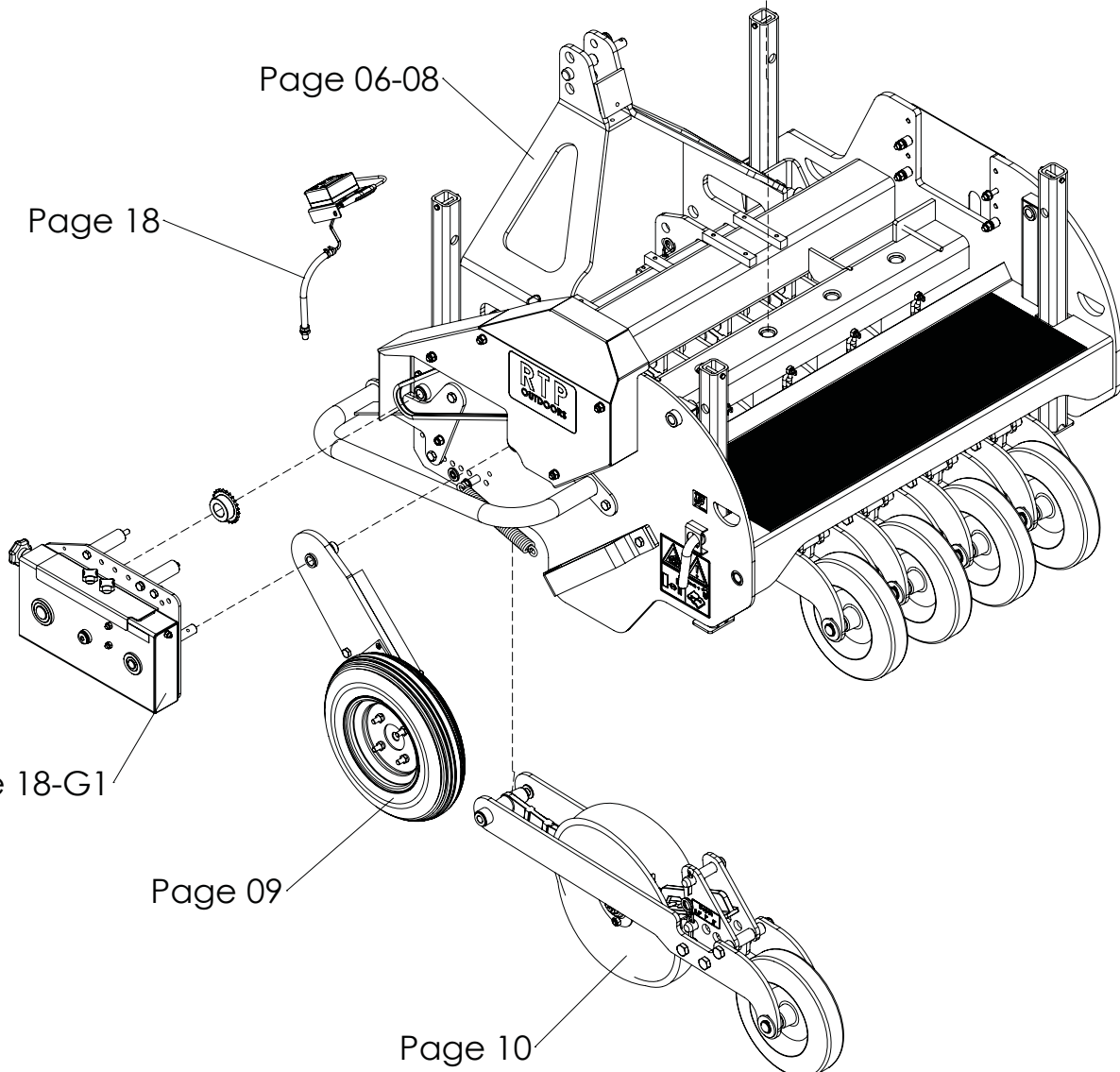


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Options:

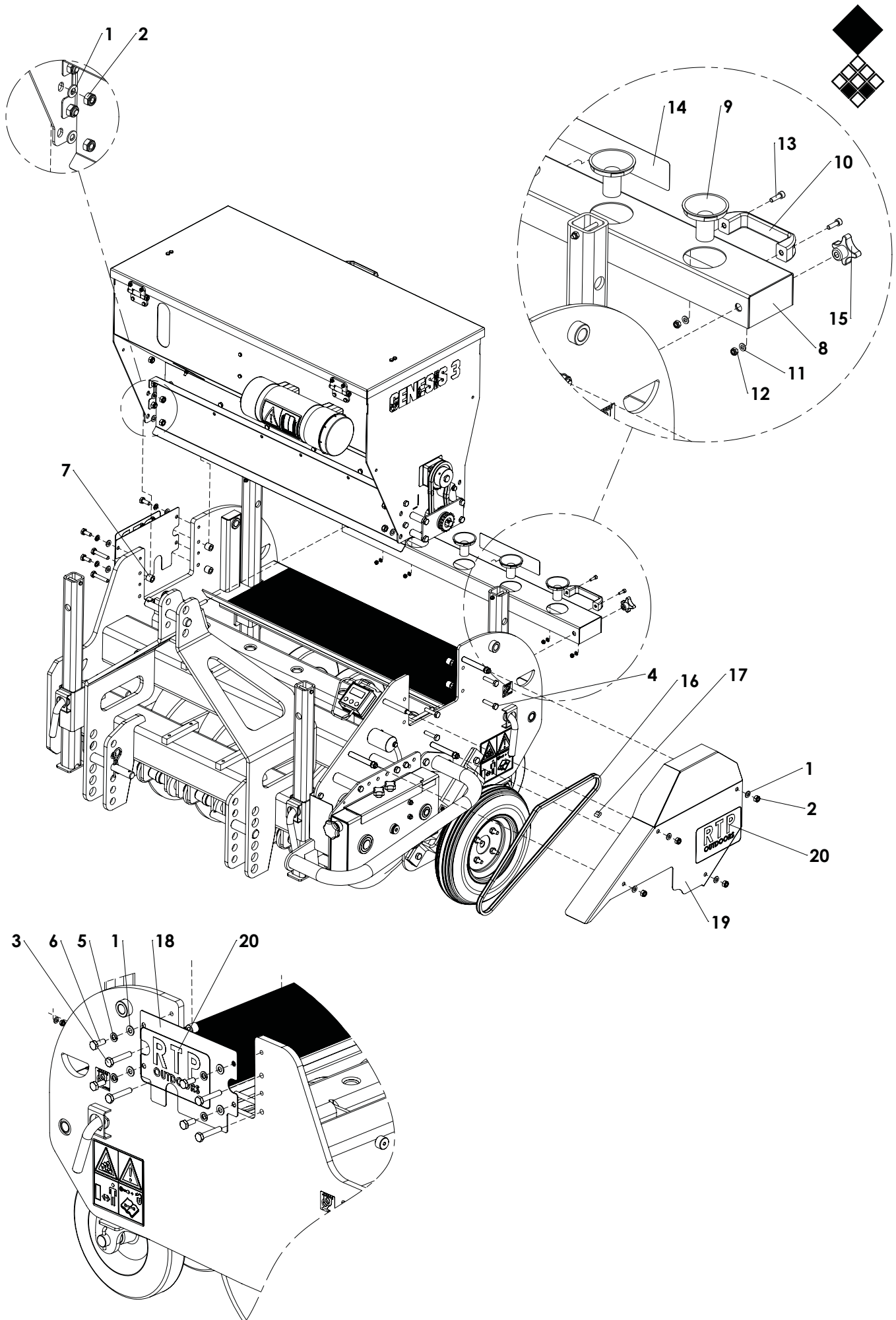
Coulter kit

: Page 11

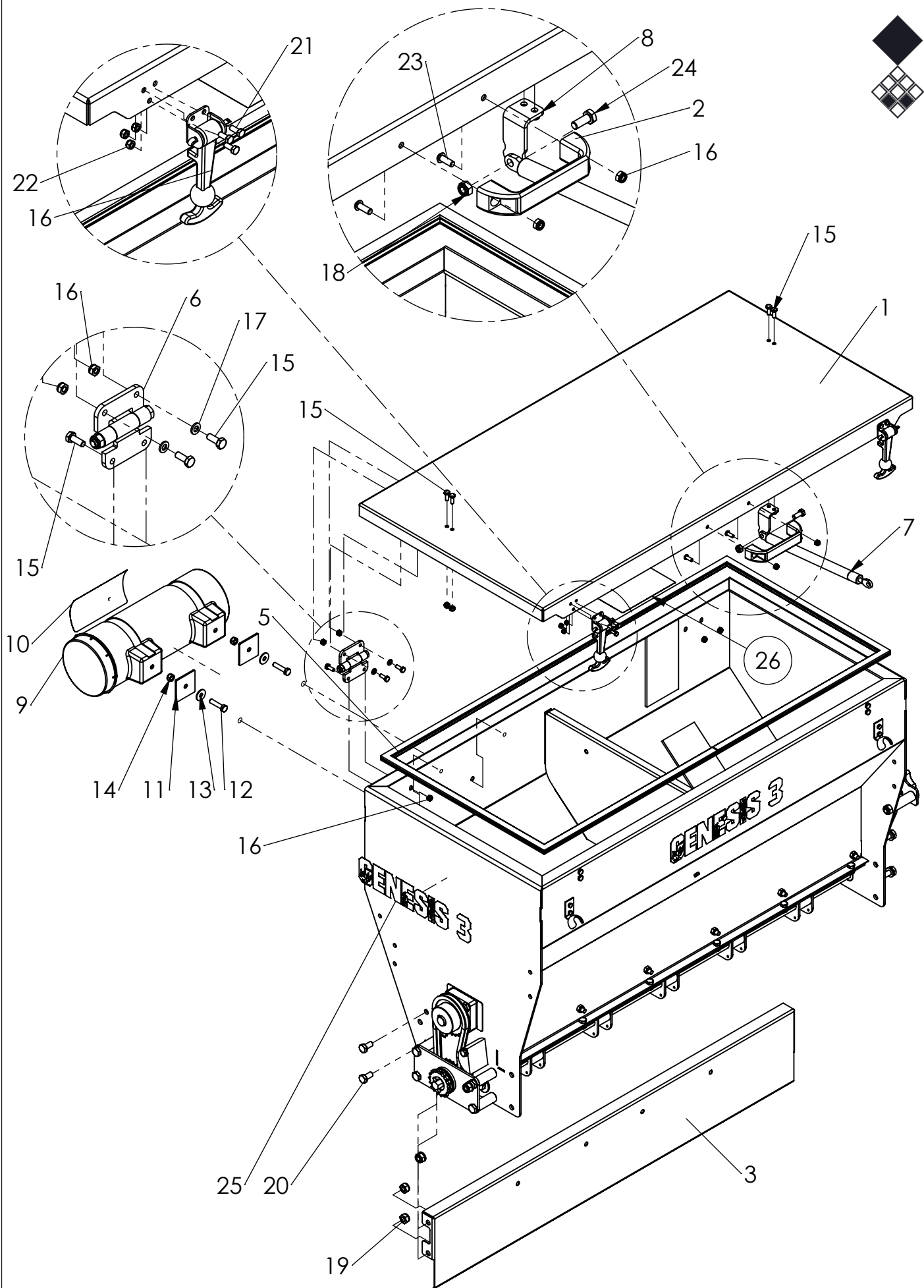
Bogy kit

: Page 12-14

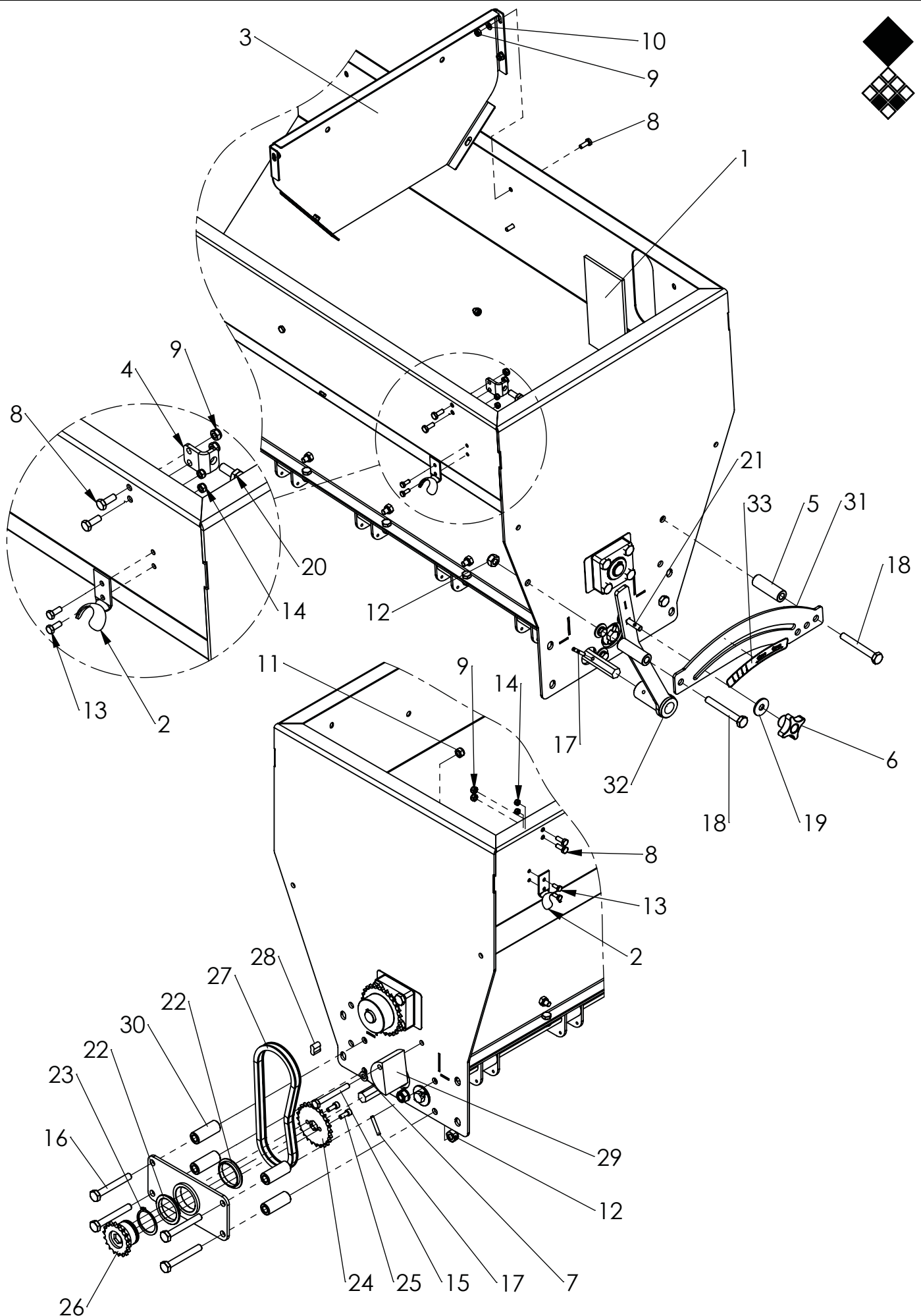
Hydraulic pump kit : Page 15-17



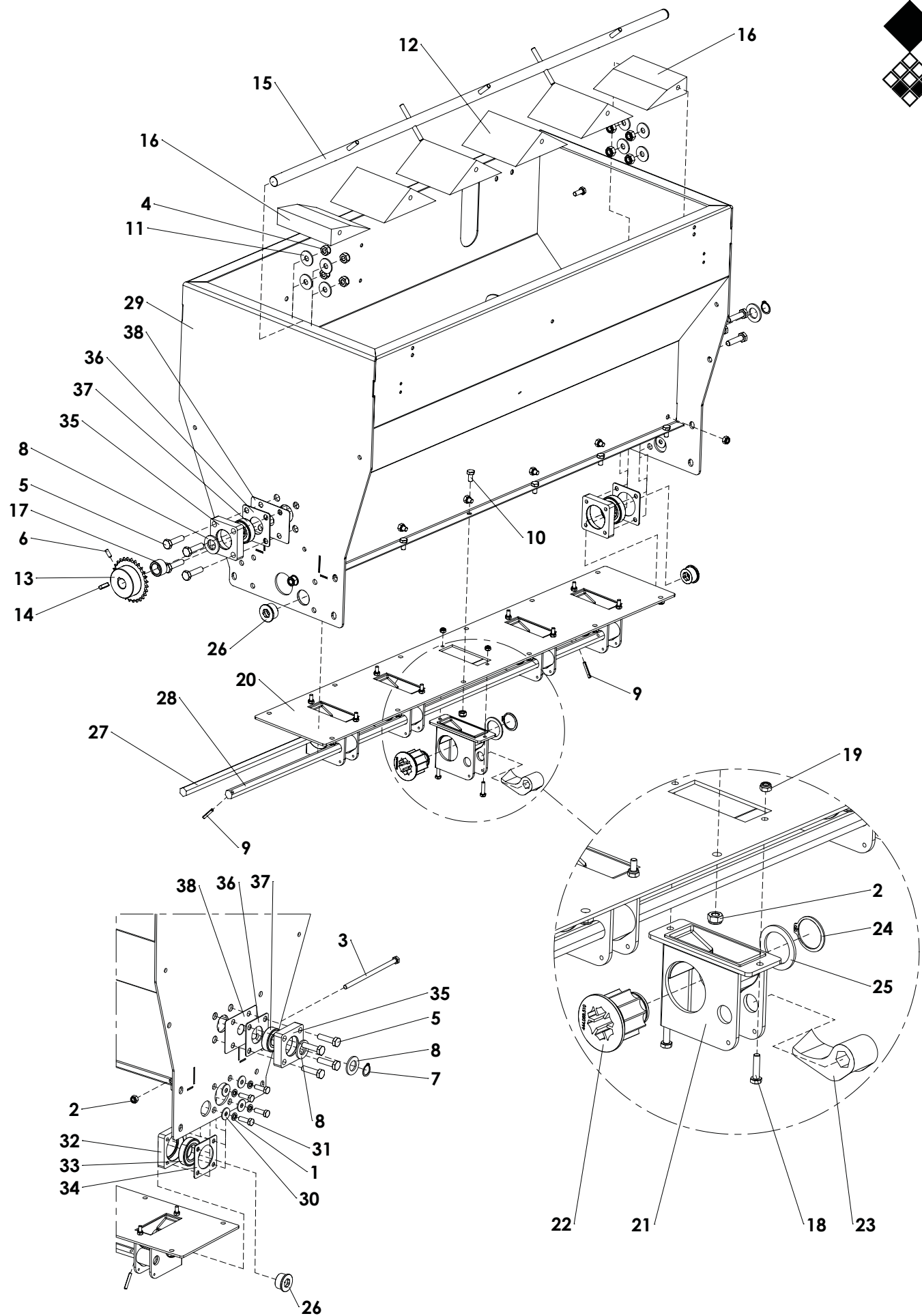
RTP		Genesis 3	Pag 02	Code 1743
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	864.100.030	Washer M10 - ISO 7089		16
2	830.100.100	Self Lock Nut M10 - ISO 10511		12
3	802.100.550	Bolt M10 x 55 - ISO 4014		4
4	802.100.450	Bolt M10 x 45 - ISO 4014		4
5	866.100.020	Spring Washer M10 - DIN 127		4
6	804.100.250	Bolt M10 x 25 - ISO 4017		4
7	402.100.182	Distance bush		8
8	478.080.909	Funnel frame		1
9	444.650.560	Funnel		5
10	444.151.250	Handle		2
11	864.060.030	Washer M6 - ISO 7089		4
12	830.060.060	Self Lock Nut M6 - ISO 10511		4
13	814.060.200	Bolt M6 x 20 - DIN 912		4
14	922.280.000	Decall funnel		1
15	836.100.260	Knop M10 - Din 6335		2
16	631.011.210	Chain 3/8" L=1255mm		1
17	638.090.090	Chain connector 3_8 inch 6B Simplex		1
18	468.022.604	Cover plate		1
19	456.068.010	Cover genesis		1
20	922.260.414	Label RTP Outdoors white		2



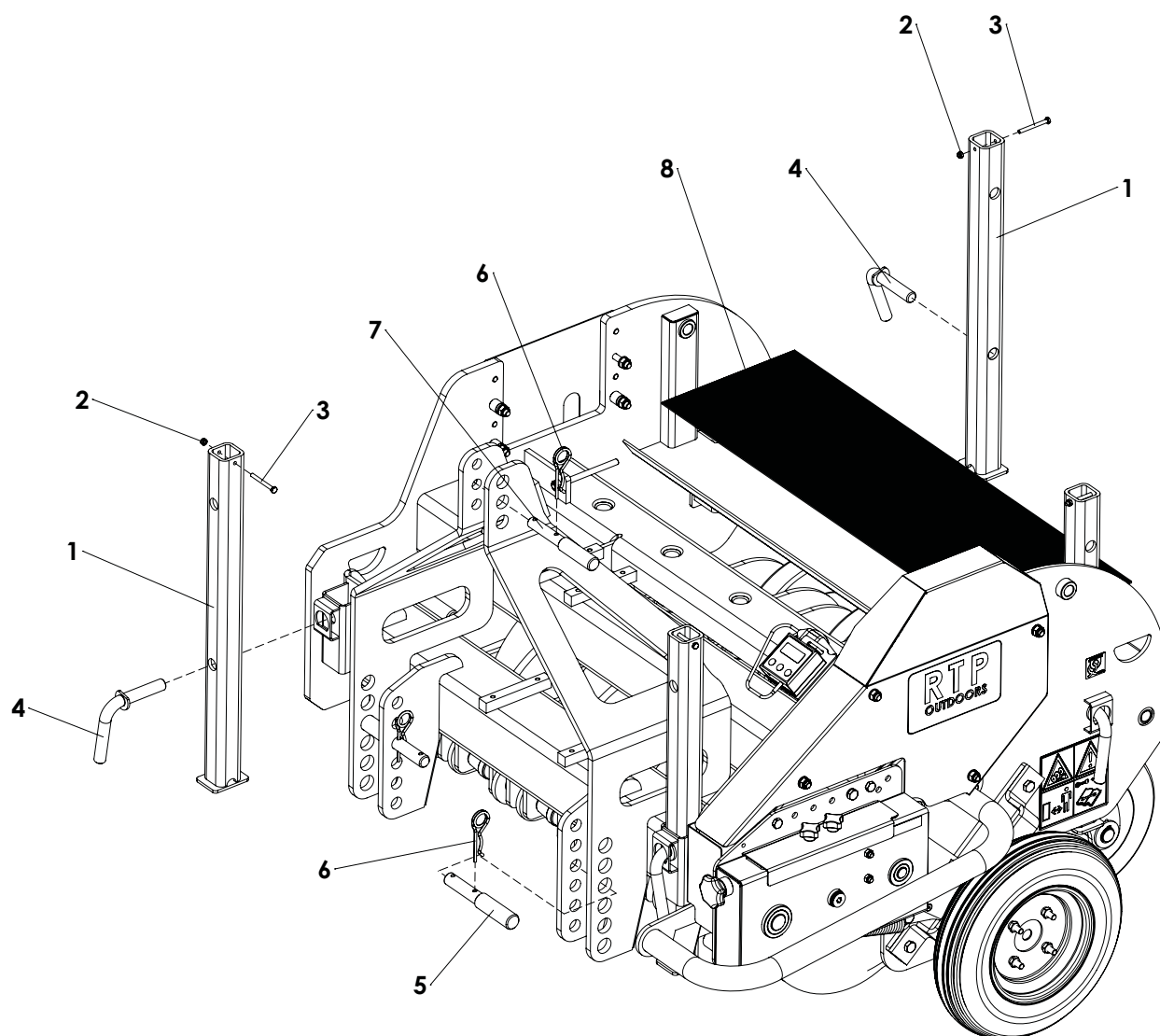
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	456.105.052	Top cover		1
2	444.151.250	Handle		1
3	469.029.100	Cover plate		1
4	590.650.000	Rubber lock assy	complete with latch	2
5	446.109.290	Rubber U-seal 1-4mm L=2877		1
6	899.100.634	Hinge		2
7	571.224.854	Gas strut L=485/stroke=200, F=150N		1
8	468.040.654	Support L=65mm		1
9	444.803.100	Toolbox Complete		1
10	900.280.402	Safety decall manual		1
11	468.030.530	Toolbox contraplate		2
12	804.080.350	Bolt M8 x 35 - ISO 4017		2
13	864.080.024	Large washer M8 - DIN 9021		2
14	830.080.080	Self Lock Nut M8 - ISO 10511		1
15	804.060.160	Bolt M6 x 16 - ISO 4017		12
16	830.060.060	Self Lock Nut M6 - ISO 10511		14
17	864.060.030	Washer M6 - ISO 7089		4
18	830.080.080	Self Lock Nut M8 - ISO 10511		1
19	830.100.100	Self Lock Nut M10 - ISO 10511		4
20	804.100.200	Bolt M10 x 20 - ISO 4017		4
21	804.050.120	Bolt M5 x 12 - ISO 4017		6
22	830.050.050	Self Lock Nut M5 - ISO 10511		6
23	814.060.160	Bolt M6 x 16 - ISO 7380		2
24	804.080.200	Bolt M8 x 20 - ISO 4017		1
25	922.260.507	Label Genesis 3		3
26	924.280.000	Decal seed hopper		1



ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	444.051.802	Window		2
2	590.650.000	Bracket for latch	Complete with rubber lock	2
3	468.024.950	Center plate		1
4	468.040.300	Support		1
5	406.110.600	Distance bush Ø20/Ø10.5 L=60		2
6	836.080.260	Knop M8 - Din 6335		1
7	864.080.030	Washer M8 - ISO 7089		1
8	804.060.160	Bolt M6 x 16 - ISO 4017		9
9	830.060.060	Self Lock Nut M6 - ISO 10511		9
10	864.060.030	Washer M6 - ISO 7089		5
11	830.080.080	Self Lock Nut M8 - ISO 10511		1
12	830.100.100	Self Lock Nut M10 - ISO 10511		6
13	804.050.120	Bolt M5 x 12 - ISO 4017		4
14	830.050.050	Self Lock Nut M5 - ISO 10511		4
15	802.080.700	Bolt M8 x 70 - ISO 4014		1
16	802.100.750	Bolt M10 x 75 - ISO 4014		4
17	878.050.320	Roll pin Ø5x32		2
18	804.100.800	Bolt M10 x 80 - ISO 4017		2
19	864.100.031	Large washer M10 - DIN 9021		1
20	804.080.200	Bolt M8 x 20 - ISO 4017		1
21	820.080.350	MH Bolt M8 x 35 ISO 8677		1
22	732.400.070	Bearing bush		2
23	870.040.180	Circlip d=40 - DIN 471		1
24	635.000.774	Sprocket 3/8" (06B) simplex 24Z flat		1
25	814.060.150	Bolt M6 x 16 - DIN 912		2
26	635.000.602	Sprocket 3/8"(06B) simplex 18Z special		1
27	631.000.605	Chain 3/8" 06B L=605		1
28	638.090.090	Chain connector 3_8 inch 6B Simplex		1
29	444.500.600	Chain Tensioner		1
30	406.110.500	Distance bush Ø20/Ø10.5 L=50		4
31	464.041.752	Guide strip		1
32	464.063.134	Valve adjustment		1
33	924.340.001	Decall adjustment valve		1

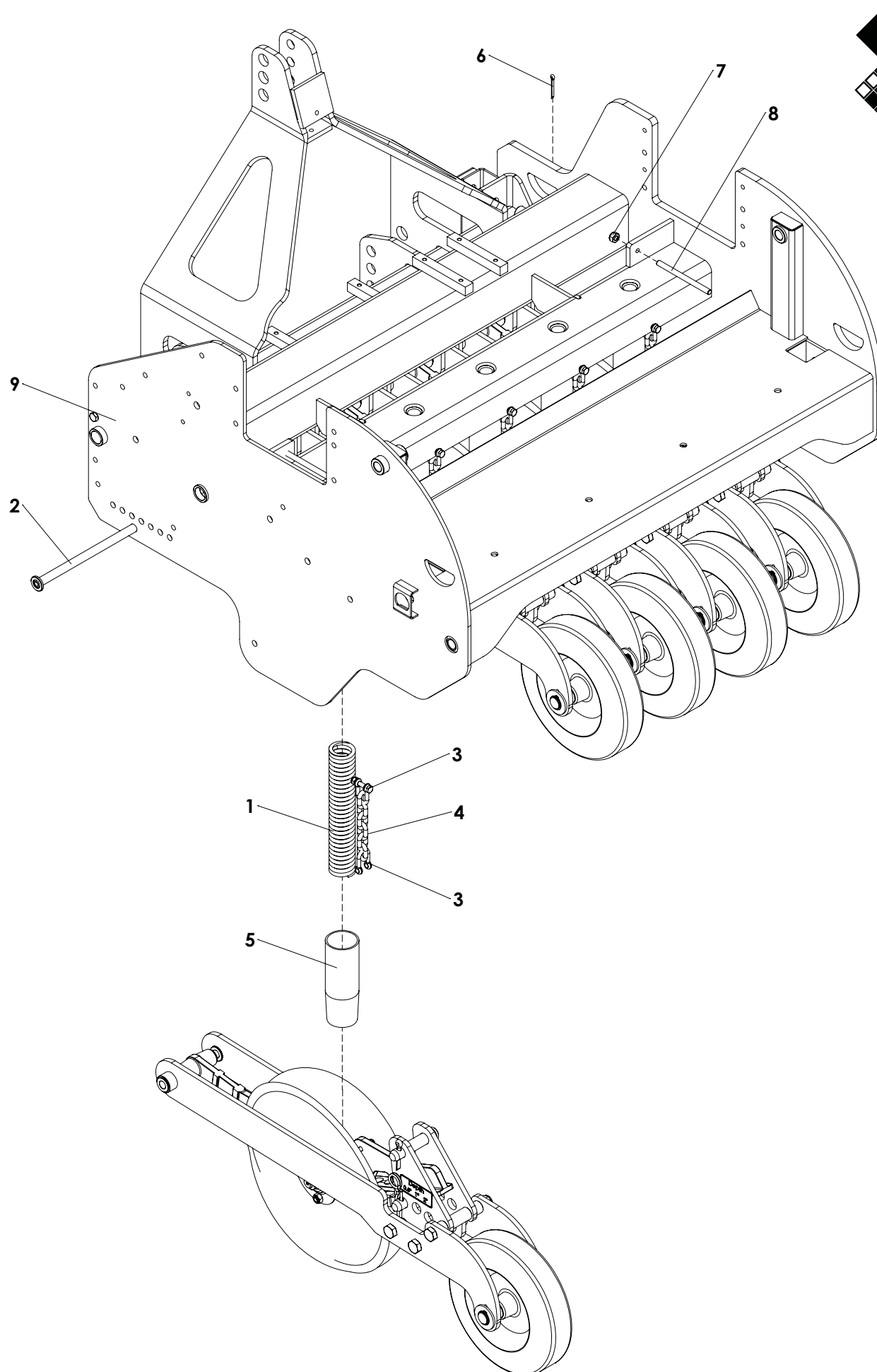


ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	866.080.020	Spring Washer M8 - DIN 127		4
2	830.080.080	Self Lock Nut M8 - ISO 10511		22
3	802.081.600	Bolt M8 x 160 - ISO 4014		6
4	830.100.100	Self Lock Nut M10 - ISO 10511		8
5	804.100.400	Bolt M10 x 40 - ISO 4017		8
6	818.06.160	Set screw - DIN913		1
7	870.020.120	Circlip d=20 - DIN 471		1
8	864.200.030	Washer M20 - ISO 7089		3
9	878.050.320	Roll pin Ø5x32		2
10	804.080.160	Bolt M8 x 16 - ISO 4017		12
11	864.100.031	Large washer M10 - DIN 9021		8
12	444.601.100	Divider block		4
13	635.000.900	Sprocket 3/8" (06B) simplex 28Z Ø15		1
14	884.060.250	Key 6x6x25 - DIN 6885		1
15	474.809.110	Agitator shaft		1
16	444.600.870	Divider side		2
17	406.210.180	Distance bush D30/D21 L=17.5		1
18	804.060.250	Bolt M6 x 25 - ISO 4017		10
19	830.060.060	Self Lock Nut M6 - ISO 10511		10
20	468.049.101	Plate		1
21	444.050.133	Seed element casing	Qua per element	1
22	444.058.510	Seed element rotor	Qua per element	1
23	444.034.760	Seed element valve	Qua per element	1
24	870.032.160	Circlip d=32 - DIN 471	Qua per element	1
25	412.020.450	Washer	Qua per element	1
26	410.160.180	Bush		2
27	422.169.110	Hexagon Shaft		1
28	422.169.112	Hexagon shaft		1
29	494.104.050	Seed hopper		1
30	864.080.024	Large washer M8 - DIN 9021		4
31	804.080.250	Bolt M8 x 25 - ISO 4017		4
32	468.150.702	Bearing block		2
33	713.300.130	Bearing 6006 LLU		2
34	468.020.708	Cover plate large hole		2
35	468.180.700	Bearing block		2
36	468.020.704	Cover plate		2
37	713.200.140	Bearing 6204-C-2HRS		2
38	468.011.004	Cover plate		2

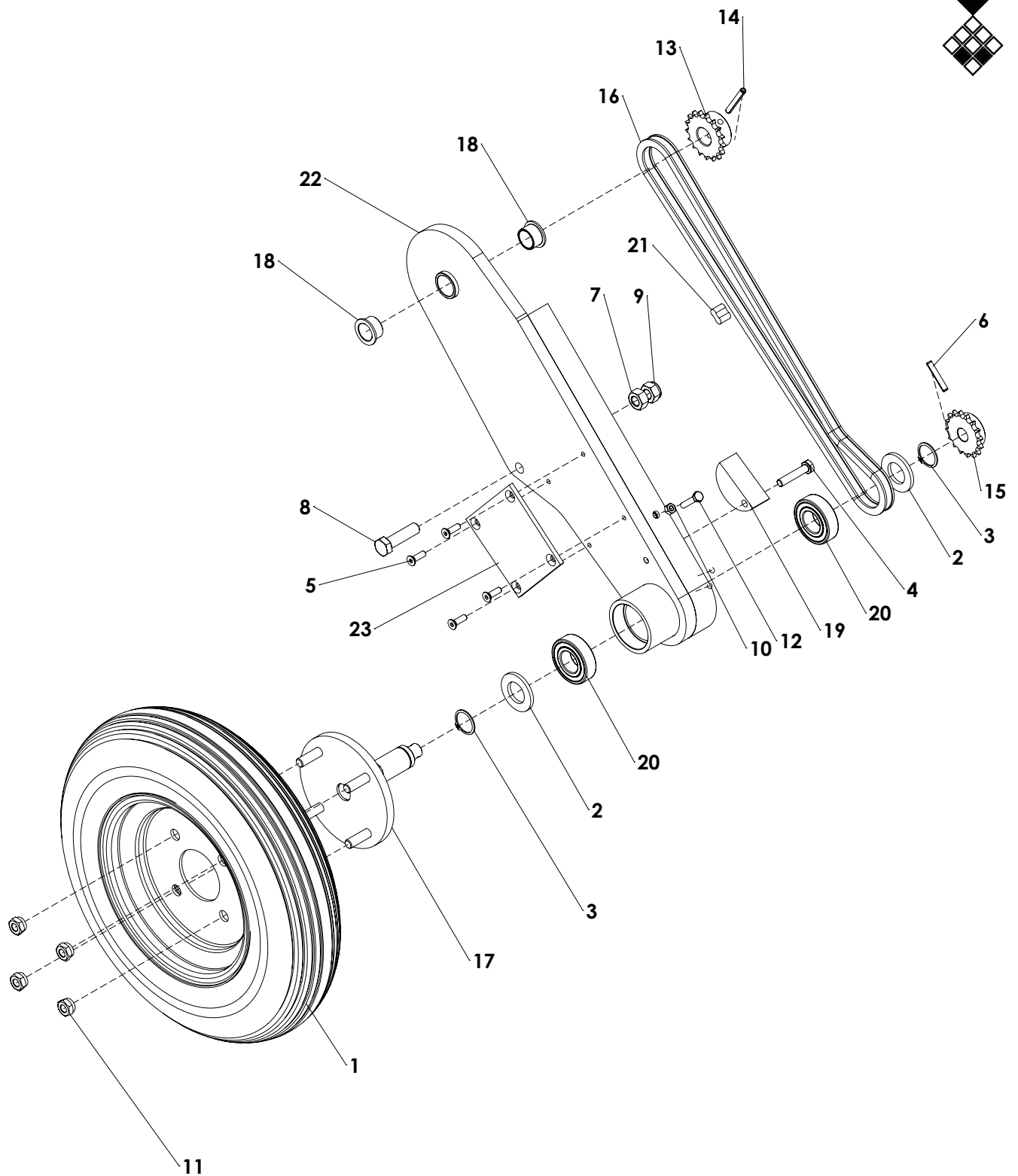


ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	462.050.655	Leg Overseeder		4
2	830.060.060	Self Lock Nut M6 - ISO 10511		4
3	802.060.600	Bolt M6 x 60 - ISO 4014		4
4	474.201.320	Lock pin		4
5	521.221.600	3-point pin		2
6	523.051.000	R-clip Round 5, DIN 11024		3
7	521.191.600	Top link pin OS		1
8	446.039.400	Rubber grip plate		1

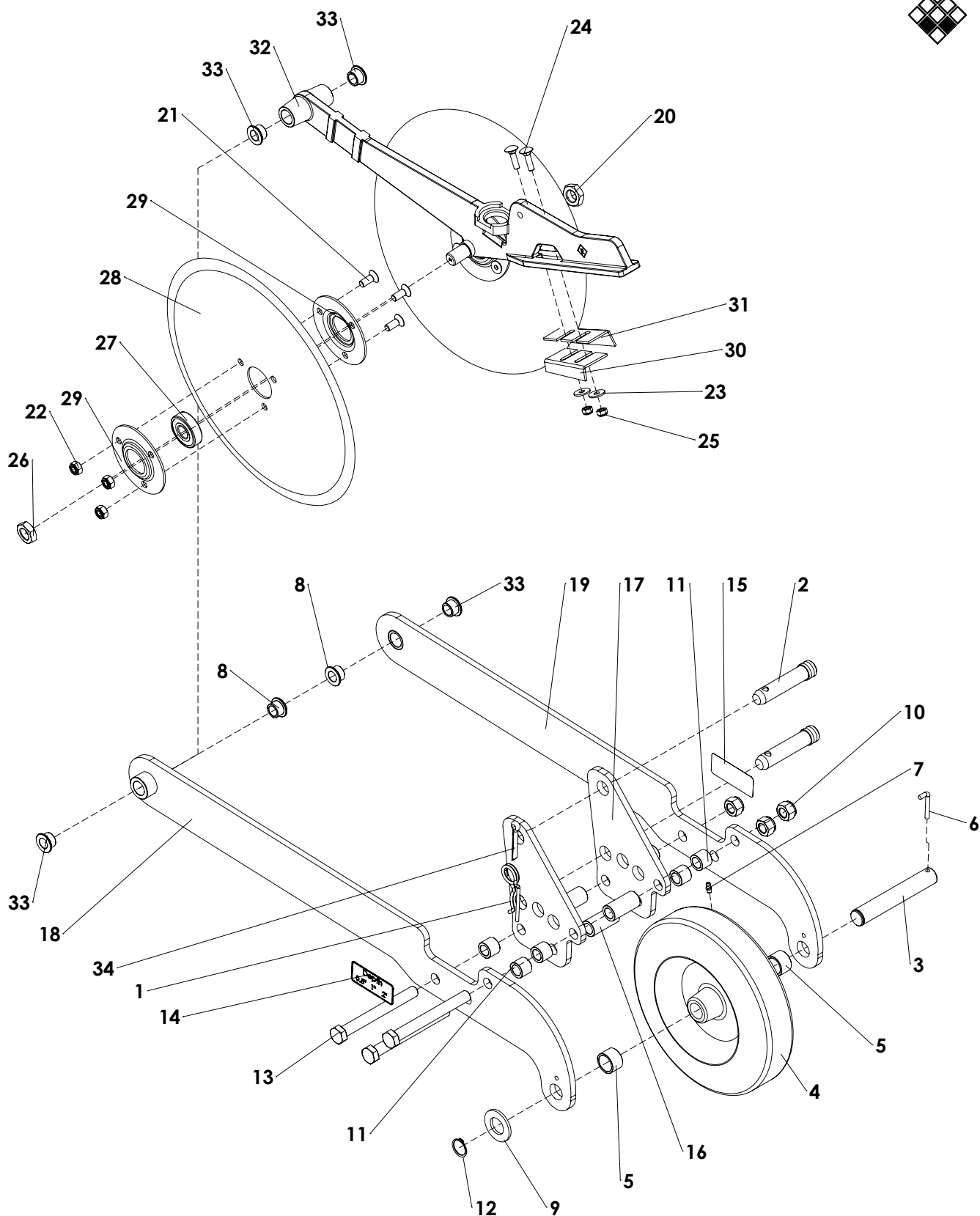
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	864.080.030	Washer M8 - ISO 7089		1
2	802.080.100	Bolt M8 x 100 - ISO 4014		1
3	830.080.080	Self Lock Nut M8 - ISO 10511		1
4	444.500.750	Spanner		1
5	575.302.250	Spring wheelaxle		1
6	406.150.300	Distance bush spring wheel		1
7	444.103.950	Guide bar sideplate		1
8	466.083.950	Guide swingarm		1
9	802.101.200	Bolt M10 x 120 - ISO 4014		2
10	802.101.100	Bolt M10 x 110 - ISO 4014		1
11	406.110.910	Spacer		3
12	442.200.150	Bearing bush gearaxle		2
13	864.120.030	Washer M12 - ISO 7089		1
14	802.120.550	Bolt M12 x 55 - ISO 4014 Class 8.8		1
15	830.120.120	Self Lock Nut M12 - ISO 10511 Class 10.9		10
16	802.120.450	Bolt M12 x 45 ISO 4014 Class 10.9		2
17	830.100.100	Self Lock Nut M10 - ISO 10511		10
18	830.240.240	Self Lock Nut M24 - ISO 10511		1
19	804.241.500	Bolt M24 x 150 - ISO 4017		1
20	804.100.350	Bolt M10 x 35 - ISO 4017		2
21	864.240.051	Large washer M24 - DIN 9021		1
22	416.151.350	Stud Ø15 L=134		4
23	921.280.402	Safety decall VS		2
24	922.340.008	Decall fixation point		3
25	478.241.741	Gearbox protection		1
26	804.120.300	Bolt M12 x 30 - ISO 4017		4
27	468.061.402	Support		1
28	822.120.800	Eye Bolt M12x80 DIN 444LB (full thread)		2
29	826.120.120	Nut M12 - DIN 934		3



ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	438.503.960	Compresion spring disc assembly		5
2	474.169.110	Seeding element shaft		1
3	846.080.250	D-Shackle d=8mm		10
4	899.081.520	Chain seeding element 6-links D=8mm L=152 (±6")	Check chain length on machine	5
	899.082.000	Chain seeding element 8-links D=8mm L=200	Check chain length on machine	5
5	444.631.800	Seed guide		5
6	882.050.400	Cotter Pin 5 x 40 - DIN 94		1
7	830.100.100	Self Lock Nut M10 - ISO 10511		2
8	852.101.170	Threaded rod M10		2
9	494.108.115	Frame genesis 3		1



ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	511.400.108	Tire 4.00-8/4PU full rubber		1
2	864.240.044	Washer M24 - ISO 7089		2
3	870.025.120	Circlip d=25 - DIN 471		2
4	802.080.400	Bolt M8 x 40 - ISO 4014		1
5	816.060.200	Bolt M6 x 20 - DIN 7991		4
6	878.060.350	Roll Pin 6 x 35 - ISO 8752		1
7	826.120.120	Nut M12 - DIN 934		1
8	802.120.450	Bolt M12 x 45 ISO 4014		1
9	830.120.120	Self Lock Nut M12 - ISO 10511		1
10	826.060.060	Nut M6 - DIN 934		1
11	844.100.100	Wheel nut M10x1.25		4
12	804.060.300	Bolt M6 x 30 - ISO 4017		1
13	635.000.572	Sprocket 3/8" (06B) simplex 17Z		1
14	878.060.450	Roll Pin 6 x 45 - ISO 8752		1
15	635.000.540	Sprocket 3/8" (06B) simplex 16Z		1
16	631.000.978	Chain 3/8" Simplex L=978		1
17	474.251.400	Wheel hub		1
18	442.200.152	Bearing bush swingarm		2
19	444.250.600	Chain tensioner		1
20	713.250.150	Bearing 6205-LLU		2
21	638.090.090	Chain connector 3_8 inch 6B Simplex		1
22	466.155.000	Frame swingarm		1
23	444.051.000	Guide plate swingarm		1

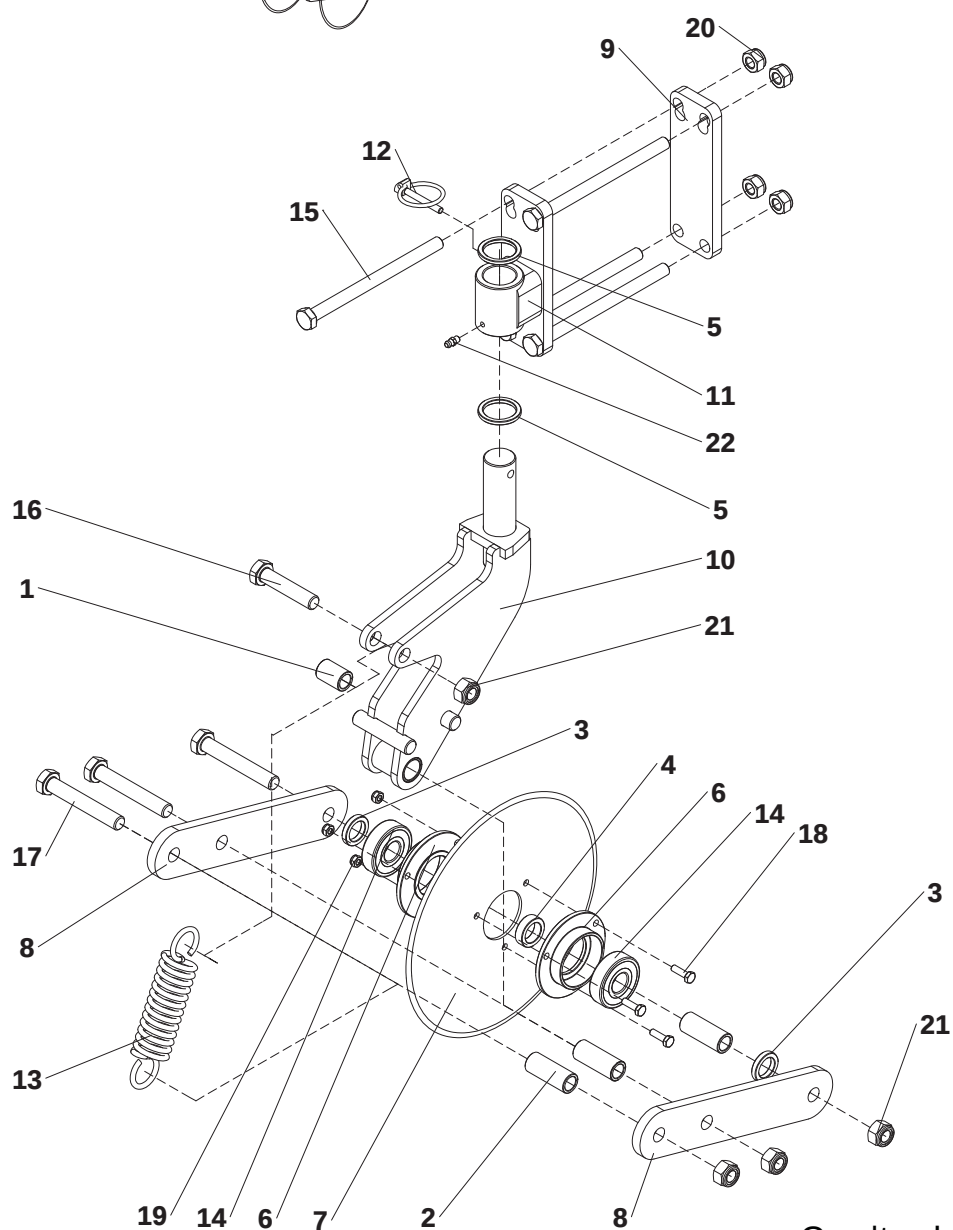
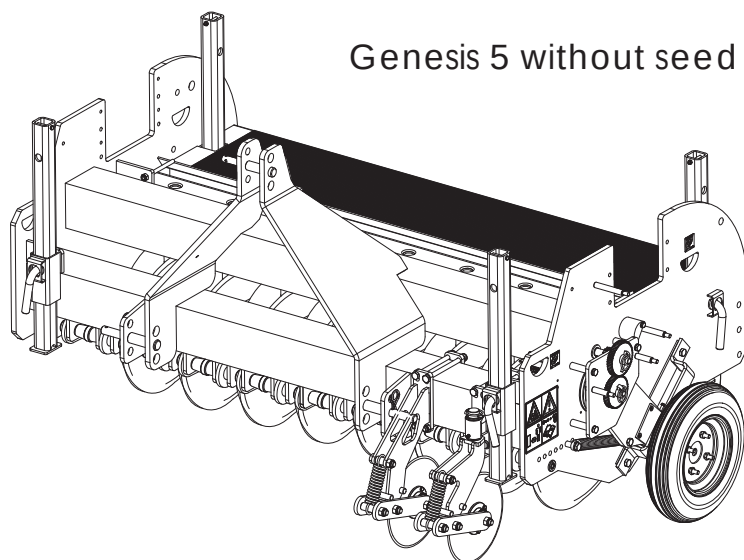


Elements
Genesis 3 - 5 pieces

ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	523.051.000	R-clip Round 5, DIN 11024		1
2	521.221.120	Pin for 3-point		2
3	414.251.470	Shaft		1
4	511.280.070	Wheel complete		1
5	406.250.202	Distance bush		2
6	424.060.480	Lock pin		1
7	880.060.100	Grease nipple M6 DIN 71412A		1
8	442.160.170	Bearing bush		2
9	864.270.040	Washer DIN 125 - A 27		1
10	830.160.160	Self Lock Nut M16-ISO 10511 Class 10		3
11	406.170.202	Bush Ø16.5/Ø25 L=20		6
12	870.025.120	Circlip d=25 - DIN 471		1
13	802.161.500	Bolt M16 x 150 - ISO 4014		3
14	922.340.010	Depth decall left		1
15	922.340.012	Depth decall right		1
16	406.170.520	Distance bush Ø25/Ø16.5 L=52		3
17	468.102.102	Height plate		2
18	470.108.950	Weldment seed element left		1
19	470.108.952	Weldment seed element right		1
20	826.200.100	Thin Nut M20 - ISO 4035		1
21	816.100.252	Bolt M10 x 25 - DIN 7991		6
22	830.100.100	Self Lock Nut M10 - ISO 10511		6
23	864.080.024	Large washer M8 - DIN 9021		2
24	820.080.300	MH Bolt M8 x 30 ISO 8677		2
25	830.080.080	Self Lock Nut M8 - ISO 10511		2
26	826.200.102	Thin Nut M20L - ISO 4035		1
27	713.200.150	Bearing 6304-LLU		2
28	468.024.060	Cutting disk Ø406		2
29	468.031.102	Center plate		4
30	464.030.962	Disc Scraper Large		1
31	464.030.960	Disc Scraper Small		1
32	492.806.602	Element		1
33	442.160.150	Bearing bush		4
34	882.080.500	Cotter Pin 8 x 50 - DIN 94		1

Qua per element

Genesis 5 without seed hopper

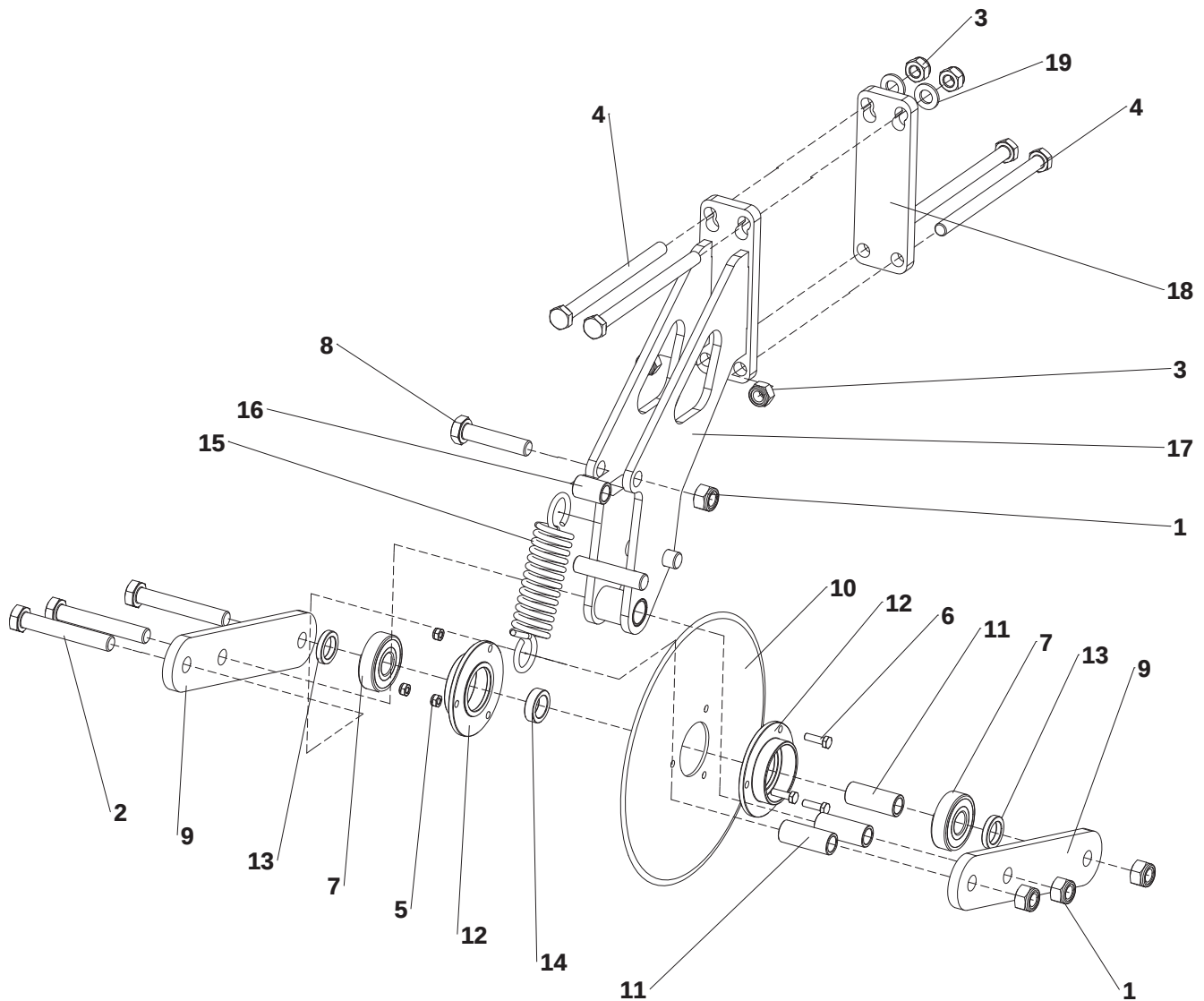


Coulter knife element

Genesis 3 : 5 pieces
 Genesis 5 : 8 pieces
 Genesis 8 : 13 pieces
 Genesis 10 : 16 pieces

ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	402.140.290	Distance bush Ø20/Ø14.2 L=29		1
2	402.140.500	Distance bush Ø20/Ø14.2 L=50		3
3	406.210.055	Distance bush Ø30/Ø20.5 L=5.5		2
4	406.210.090	Distance bush Ø30/Ø20.5 L=9		1
5	406.310.040	Ring		2
6	410.520.190	Bearing block		2
7	468.032.502	Disc Ø250/ 3mm		1
8	468.102.600	Arm		2
9	468.121.700	Lock plate		1
10	470.083.100	Pivot frame coulter		1
11	472.451.700	Support bracket		1
12	523.060.320	Linch pin Ø6		1
13	575.041.270	Spring		1
14	713.200.150	Bearing 6304-LLU		2
15	802.121.700	Bolt M12 x 170 - ISO 4014		4
16	802.140.650	Bolt M14 x 65 - ISO 4014		1
17	802.140.900	Bolt M14 x 90 - ISO 4014		3
18	804.060.200	Bolt M6 x 20 - ISO 4017		3
19	830.060.060	Self Lock Nut M6 - ISO 10511		3
20	830.120.120	Self Lock Nut M12 - ISO 10511		4
21	830.140.140	Self Lock Nut M14 - ISO 10511		4
22	880.060.100	Grease nipple M6 DIN 71412A		1
	222.153.000	Coulter kit	Amount for 1 piece	

Quantity per coulter knife element

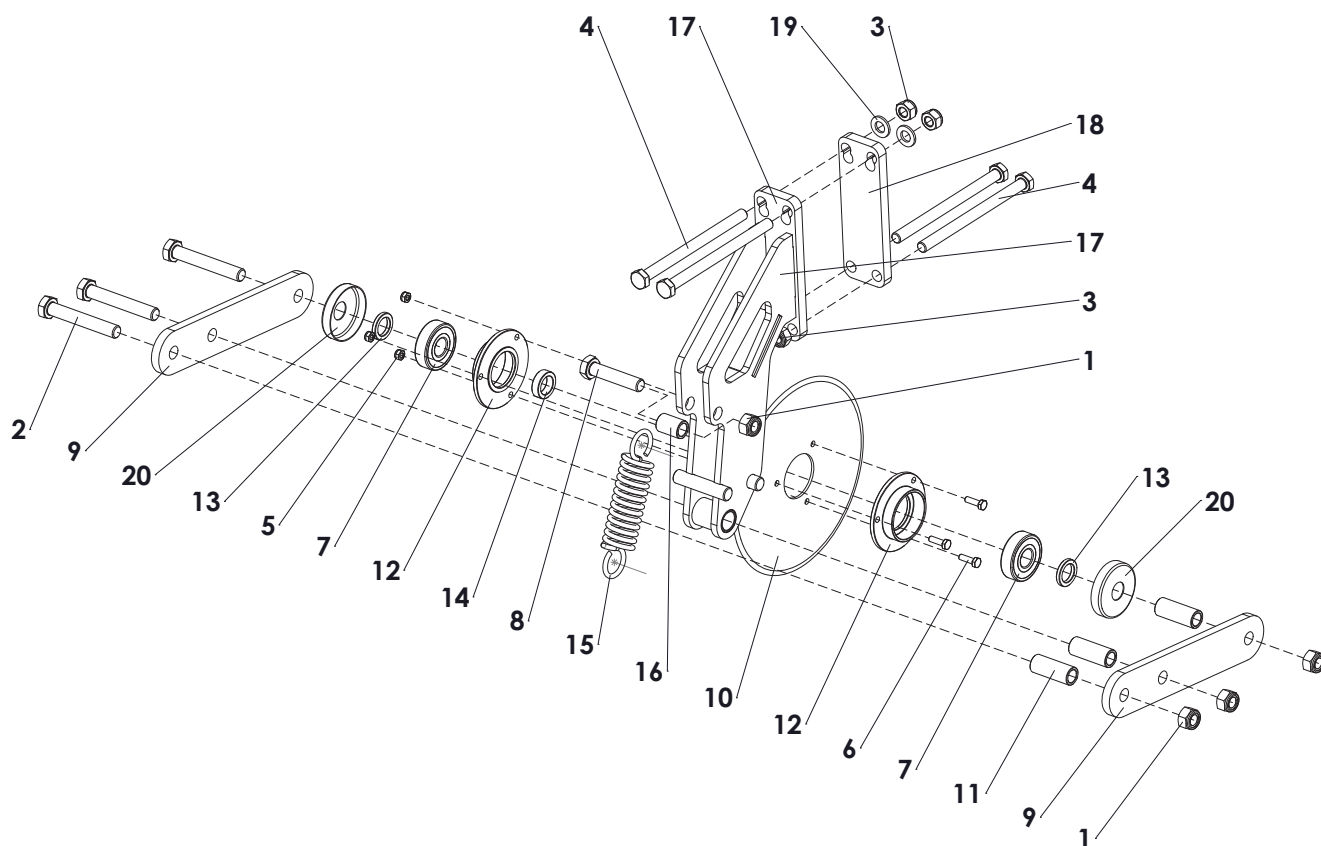


Coulter knife element

Genesis 3 : 5 pieces
 Genesis 5 : 8 pieces
 Genesis 8 : 13 pieces
 Genesis 10 : 16 pieces

ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	830.140.140	Self Lock Nut M14 - ISO 10511		4
2	802.140.900	Bolt M14 x 90 - ISO 4014		3
3	830.120.120	Self Lock Nut M12 - ISO 10511		4
4	802.121.700	Bolt M12 x 170 - ISO 4014		4
5	830.060.060	Self Lock Nut M6 - ISO 10511		3
6	804.060.200	Bolt M6 x 20 - ISO 4017		3
7	713.200.150	Bearing 6304-LLU		2
8	802.140.650	Bolt M14 x 65 - ISO 4014		1
9	468.102.600	Arm		2
10	468.032.502	Disc Ø250/ 3mm		1
11	402.140.500	Distance bush Ø20/Ø14.2 L=50		3
12	410.520.190	Bearing block		2
13	406.210.055	Distance bush Ø30/Ø20.5 L=5.5		2
14	406.210.090	Distance bush Ø30/Ø20.5 L=9		1
15	575.041.270	Spring		1
16	402.140.290	Distance bush Ø20/Ø14.2 L=29		1
17	470.083.450	Support bracket		1
18	468.121.700	Lock plate		1
19	864.120.030	Washer M12 - ISO 7089		2
	222.153.010	Fixed coulter kit	Amount for 1 piece	

Quantity per coulter knife element

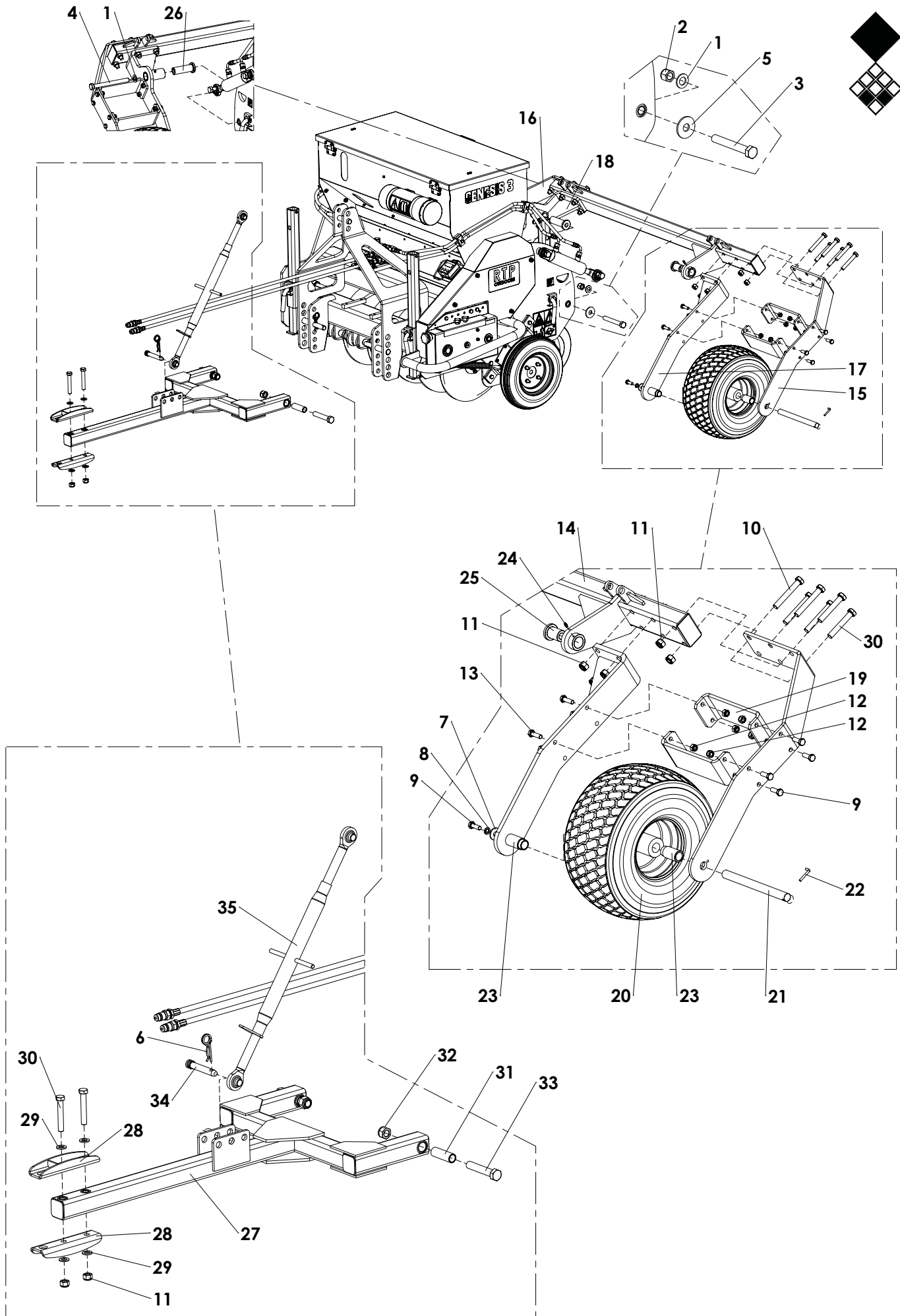


Coulter knife element

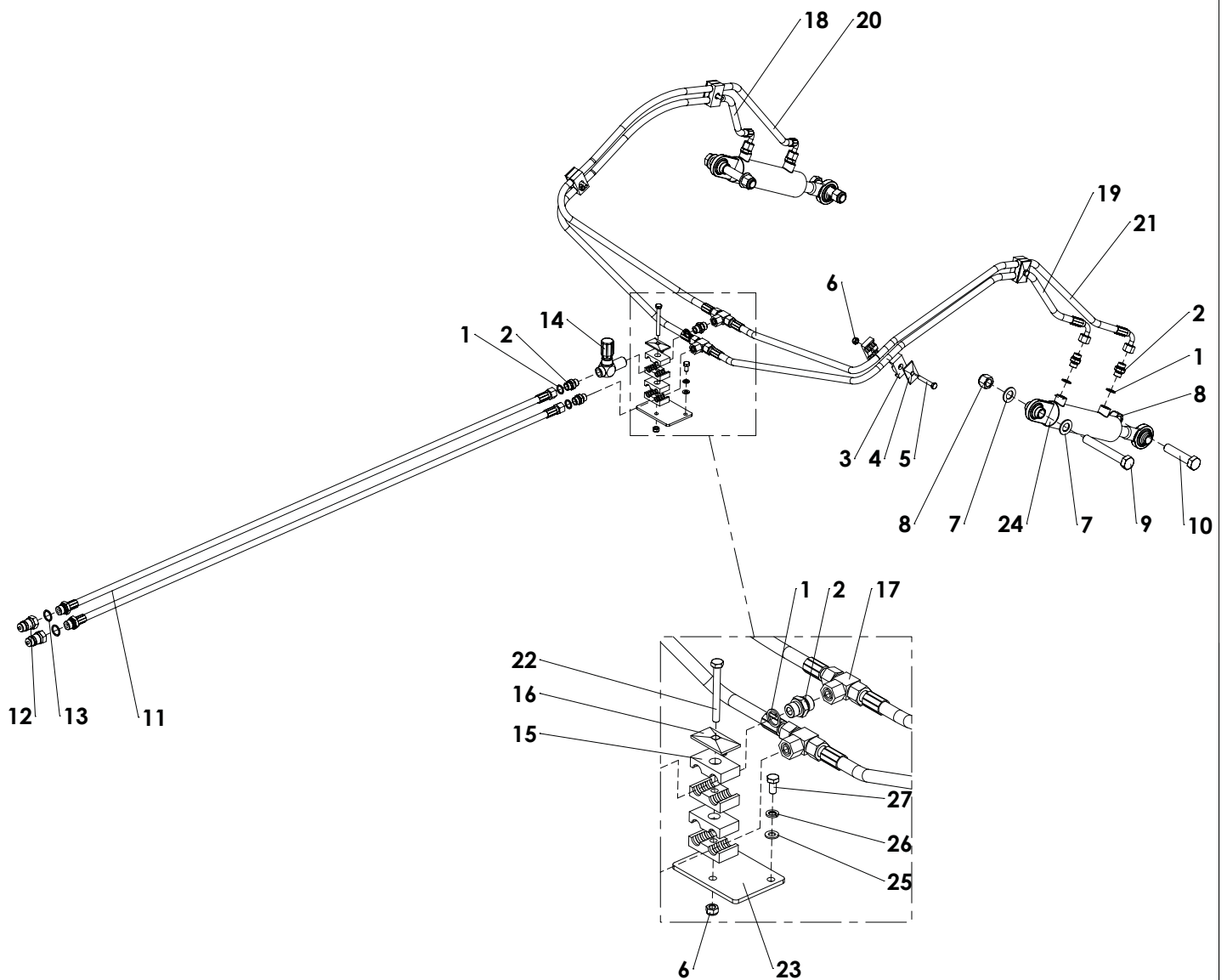
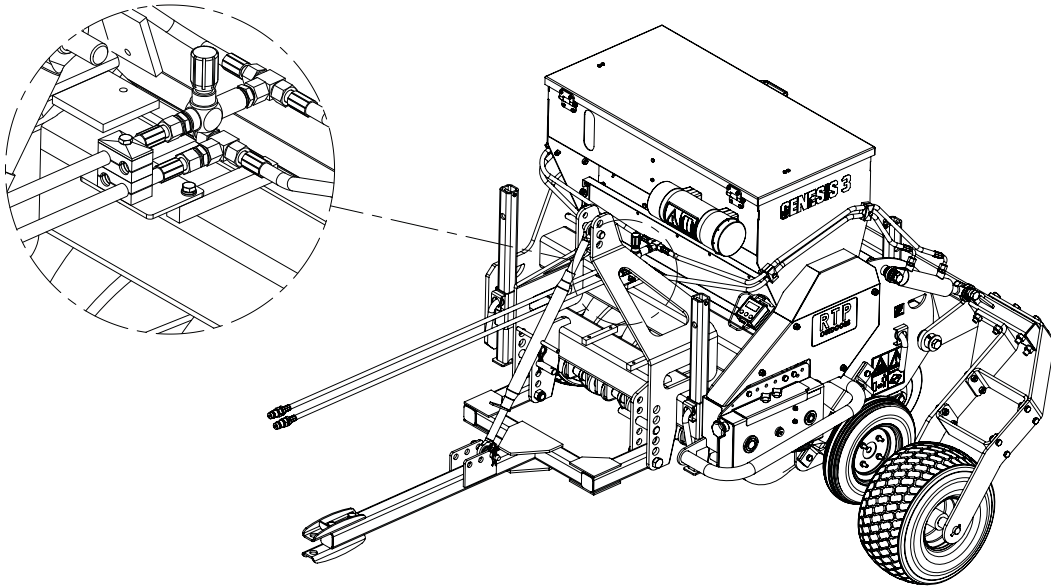
Genesis 3 : 5 pieces
 Genesis 5 : 8 pieces
 Genesis 8 : 13 pieces
 Genesis 10 : 16 pieces

ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	830.140.140	Self Lock Nut M14 10.9 - ISO 10511		4
2	802.140.900	Bolt M14 x 90 - ISO 4014		3
3	830.120.120	Self Lock Nut M12 - ISO 10511		4
4	802.121.700	Bolt M12 x 170 - ISO 4014		4
5	830.060.060	Self Lock Nut M6 - ISO 10511		3
6	804.060.200	Bolt M6 x 20 - ISO 4017		3
7	713.200.150	Bearing 6304-LLU		2
8	802.140.650	Bolt M14 x 65 - ISO 4014 - 10.9		1
9	468.102.600	Arm		2
10	468.032.202	Disc Ø220/ 3mm		1
11	402.140.500	Distance bush Ø20/Ø14.2 L=50		3
12	410.520.190	Bearing block		2
13	406.210.045	Distance bush		2
14	406.210.090	Distance bush Ø30/Ø20.5 L=9		1
15	575.041.270	Spring		1
16	402.140.290	Distance bush Ø20/Ø14.2 L=29		1
17	470.083.300	Support bracket		1
18	468.121.700	Lock plate		1
19	864.120.030	Washer M12 - ISO 7089		2
20	468.010.120	Dust cover		2
	222.153.016	Fixed coulter kit	Amount for 1 piece	

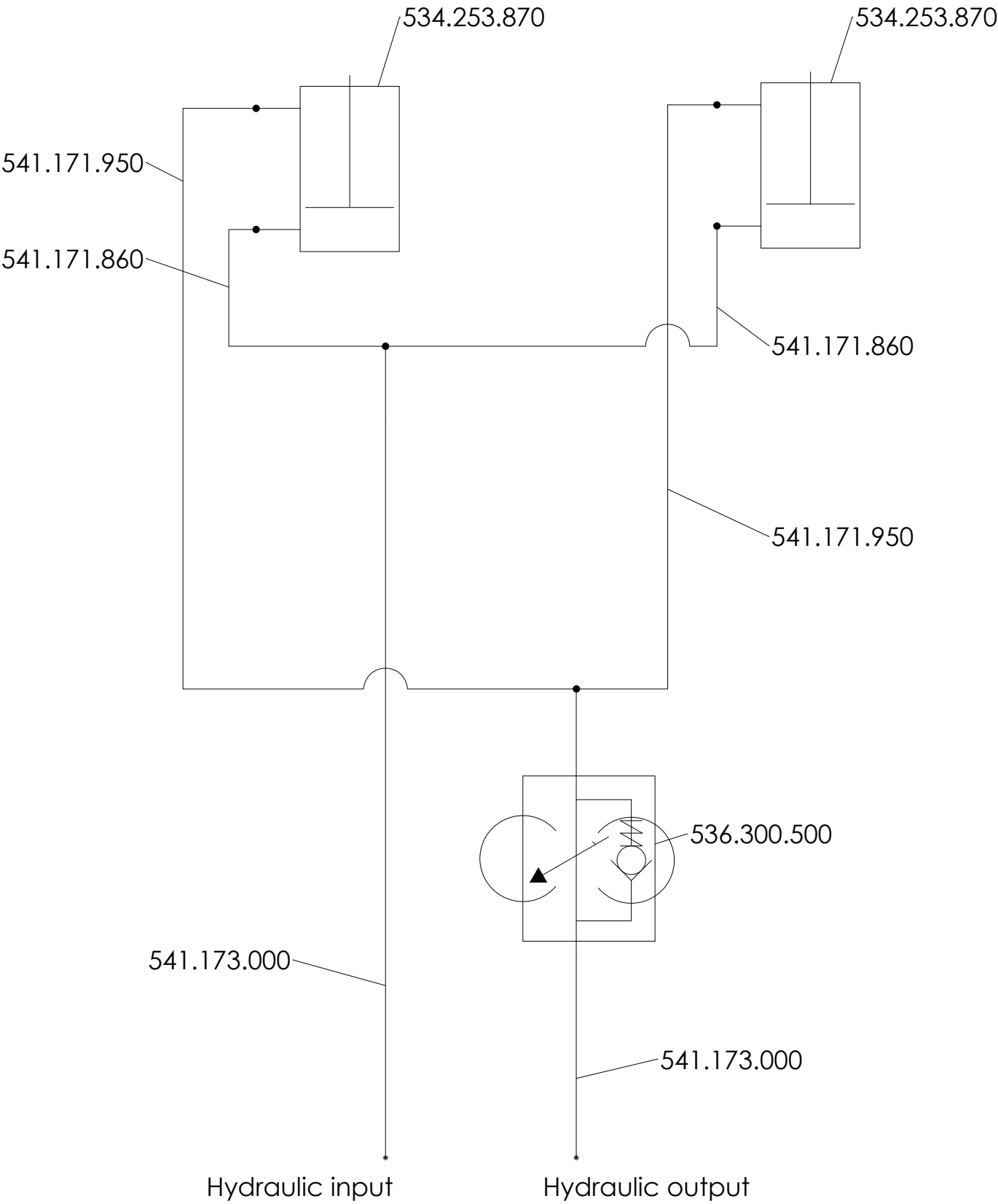
Quantity per coulter knife element

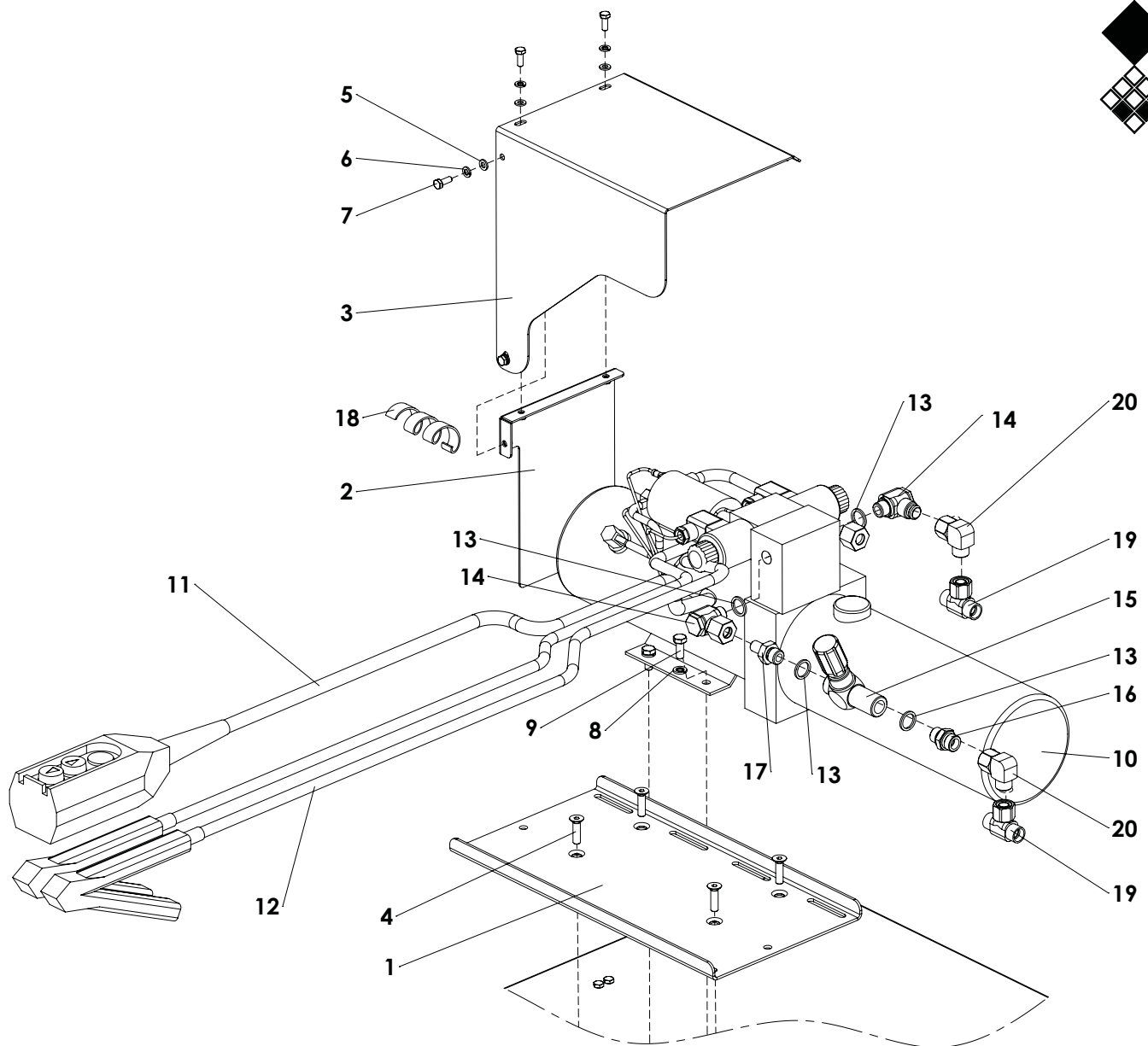


ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	864.200.030	Washer M20 - ISO 7089		2
2	840.190.230	SL Nut 3/4"-16 UNF		2
3	808.191.400	HFBOLT 0.75-16x5.5x1.75-UNF		1
4	808.192.000	Hex. Bolt 3/4"-16 x 8" UNF		1
5	864.200.041	Large washer M20 - DIN 9021		1
6	523.051.000	R-clip Round 5, DIN 11024		1
7	864.120.031	Large washer M12 - DIN 9021		2
8	866.120.020	Spring Washer M12 - DIN 127		2
9	804.120.350	Bolt M12 x 35 - ISO 4017		10
10	802.161.100	Bolt M16 x 110 - ISO 4014		8
11	830.160.160	Self Lock Nut M16 - ISO 10511		14
12	830.120.120	Self Lock Nut M12 - ISO 10511		16
13	804.120.400	Bolt M12 x 40 - ISO 4017		8
14	494.137.028	Main beam		1
15	468.109.100	Wheel support long		1
16	468.109.102	Wheel support long		1
17	470.156.170	Inner support wheel boggy		1
18	470.156.172	Inner support wheel boggy		1
19	464.102.652	U-Bridge		4
20	511.542.238	Wheel 18x9.5x8 Block profile		2
21	416.252.940	Wheel Shaft		2
22	424.060.480	Lock Pin		2
23	404.250.700	Distance Bush Wheel		4
24	880.060.100	Grease nipple M6 DIN 71412A		2
25	404.190.550	Collar bush Ø50/Ø34.8 Ø19.5 L=102		1
26	404.191.020	Collar bush		1
27	494.063.103	Drawbar		1
28	470.062.302	Tow eye		2
29	864.160.030	Washer M16 - ISO 7089		4
30	802.161.000	Bolt M16 x 100 - ISO 4014		6
31	406.220.850	Distance bush Ø28/Ø22 L=85		2
32	830.220.220	Self Lock Nut M22 - ISO 10511		2
33	802.221.200	Bolt M22 x 120 - ISO 4014		2
34	521.191.120	Top Link Pin		1
35	478.257.970	Toplink		1

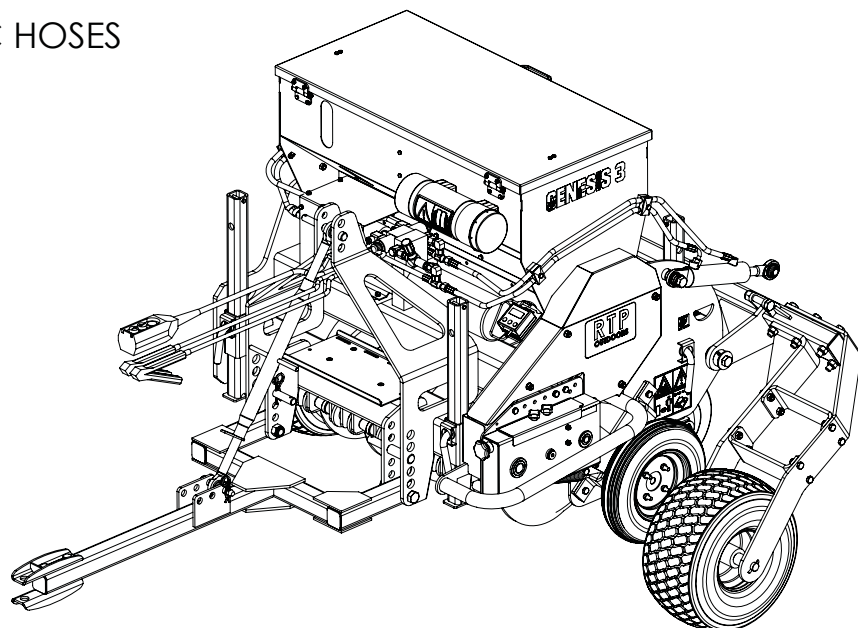


ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	874.170.020	Copper washer 3_8		7
2	544.170.120	Nipple BSP 3_8" x pipe 12 (M18)		7
3	547.150.150	Hose clamp double 15mm		12
4	547.300.510	Cover plate hose clamp 2x15 - 2x18		5
5	802.080.500	Bolt M8 x 50 - ISO 4014		4
6	830.080.080	Self Lock Nut M8 - ISO 10511		5
7	864.200.030	Washer M20 - ISO 7089		4
8	840.190.230	SL Nut 3/4"-16 UNF		4
9	808.191.400	HFBOLT 0.75-16x5.5x1.75-UNF		2
10	808.190.890	Hex Bolt 3/4-16 L=3.5 UNF		2
11	541.173.000	Hose NSK10-3/8" TL=2500 PGLO1018 + PN108		2
12	545.210.800	Quick connector male 1/2"		2
13	874.210.020	Copper washer 1_2		2
14	536.300.500	Flow reducer 3/8" FPU05001		1
15	547.150.150	Hose clamp double 15mm		4
16	547.300.510	Cover plate hose clamp 2x15 - 2x18		1
17	544.124.126	T-connector		2
18	541.171.860	Hose NSK-10 TL=1860 1xPGLO1018 + 1xPGLO101890		1
19	541.171.860	Hose NSK-10 TL=1860 1xPGLO1018 + 1xPGLO101890		1
20	541.171.950	Hose NSK-10 TL=1950 1xPGLO1018 + 1xPGLO101890		1
21	541.171.950	Hose NSK-10 TL=1950 1xPGLO1018 + 1xPGLO101890		1
22	802.080.750	Bolt M8 x 75 - ISO 4014		1
23	468.051.120	Plate		1
24	534.253.870	Hydraulic cilinder		2
25	864.080.030	Washer M8 - ISO 7089		2
26	866.080.020	Spring Washer M8 - DIN 127		2
27	804.080.160	Bolt M8 x 16 - ISO 4017		2

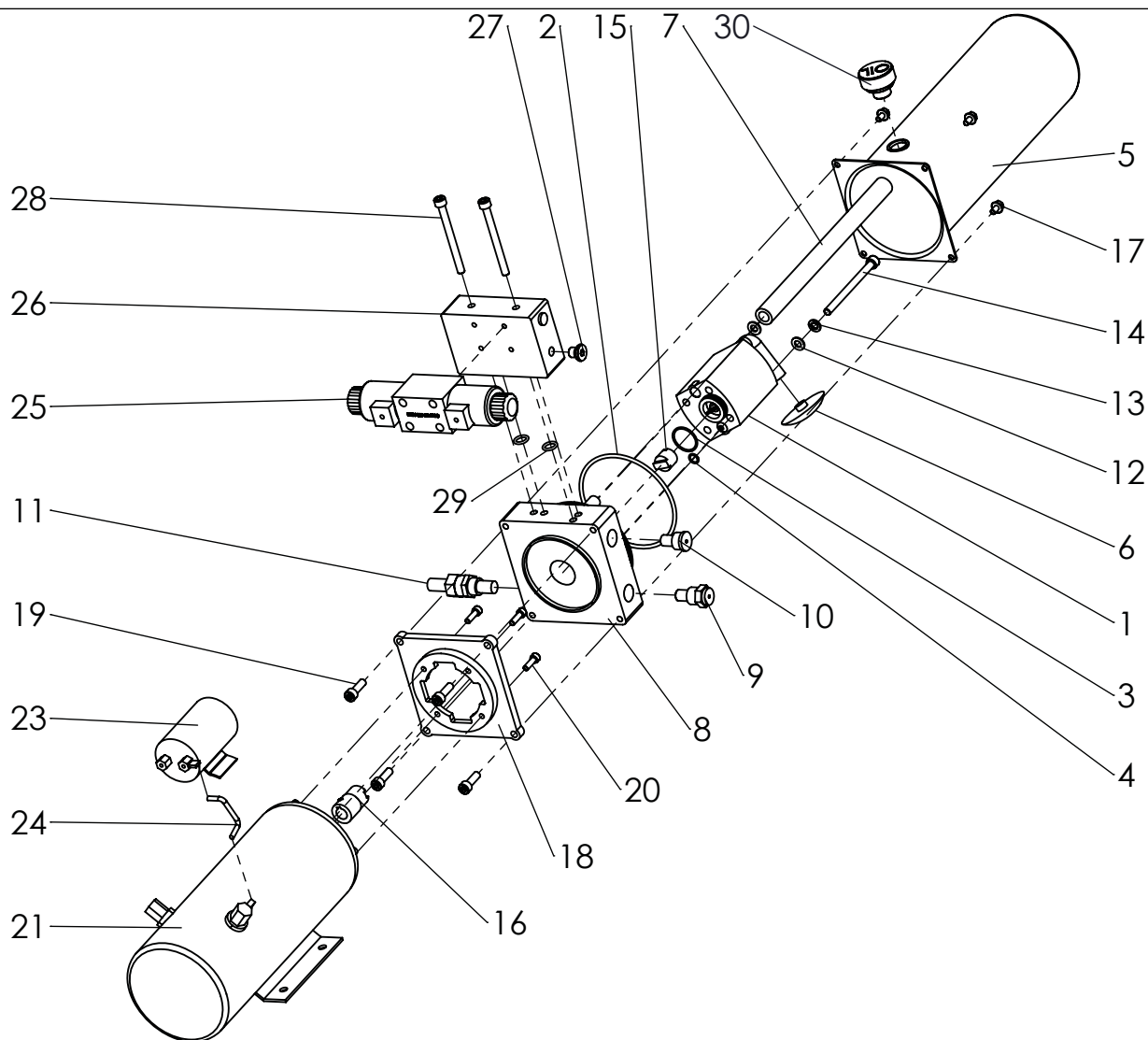




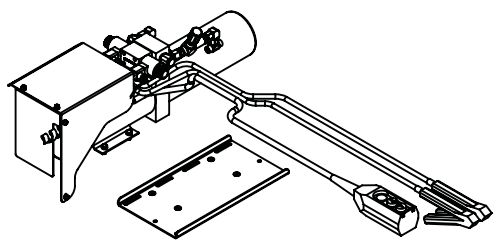
RE-USE HYDRAULIC HOSES
FROM BOGY KIT



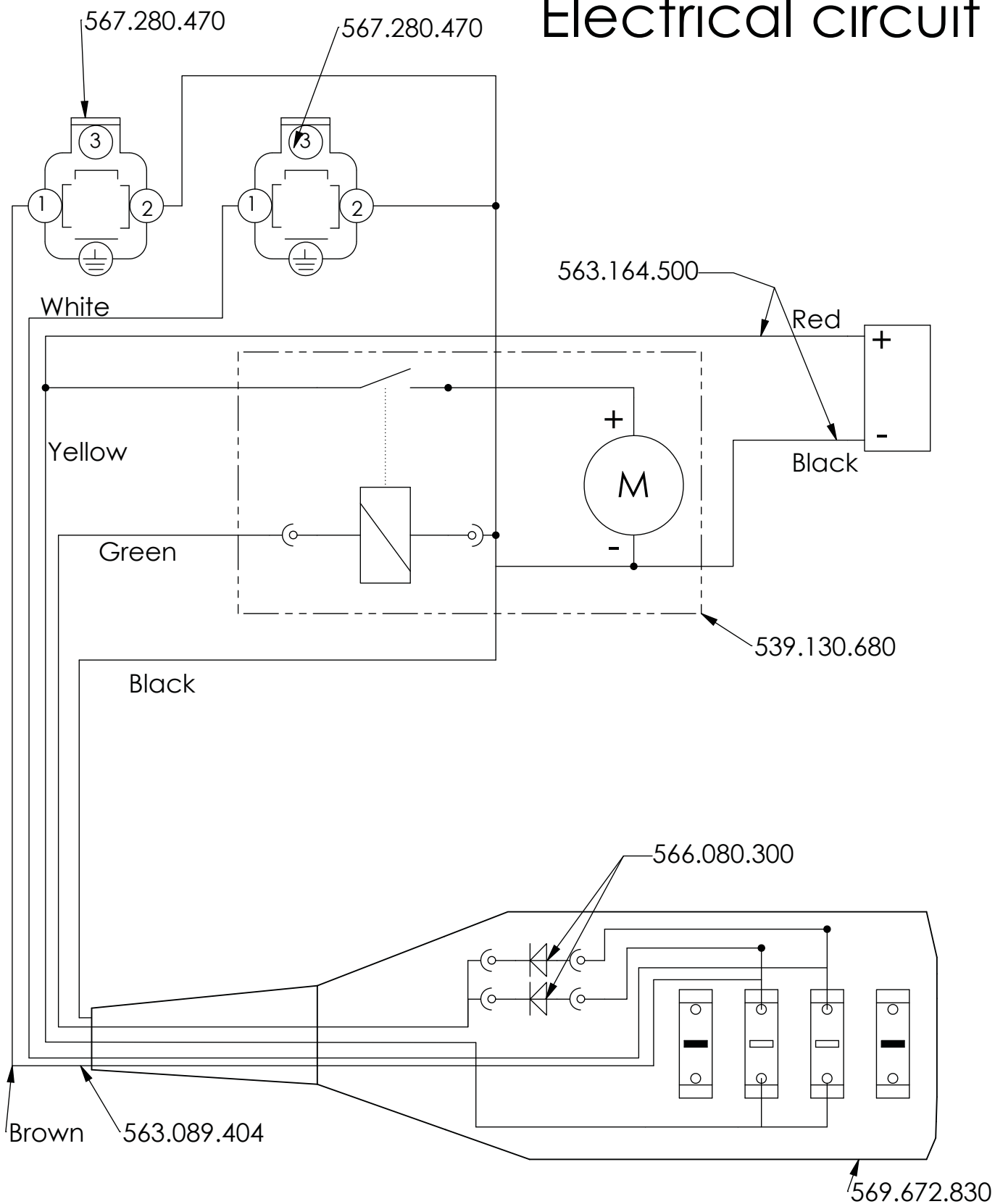
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	470.034.200	Accu tray		1
2	456.022.017	Cover		1
3	456.027.021	Cover		1
4	816.080.300	Bolt M8 x 30 - DIN 7991		4
5	864.060.030	Washer M6 - ISO 7089		4
6	866.060.020	Spring Washer M6 - DIN 127		4
7	804.060.160	Bolt M6 x 16 - ISO 4017		4
8	866.080.020	Spring Washer M8 - DIN 127		4
9	804.080.200	Bolt M8 x 20 - ISO 4017		4
10	539.130.680	Hydraulic pump + oil tank		1
11	569.184.000	Electric control unit		1
12	563.164.500	Cable set 4.5mtr		1
13	874.170.020	Copper washer 3_8		4
14	544.173.430	L-connector G3/8-12mm		2
15	536.300.500	Flow reducer 3/8" FPU05001		1
16	544.170.120	Nipple BSP 3_8" x pipe 12 (M18)		1
17	549.120.400	Pipe nipple		1
18	569.305.000	Protection sleeve L=500mm		1
19	544.124.126	T_-Connector PM, Pipe 12-M18		2
20	544.123.180	L-Connector PM, Pipe 12-M18		2
	222.095.202	Complete set hydraulic pump assembly		
		Use 0.92 Gallon (3.5L) hydraulic oil 32 cST		

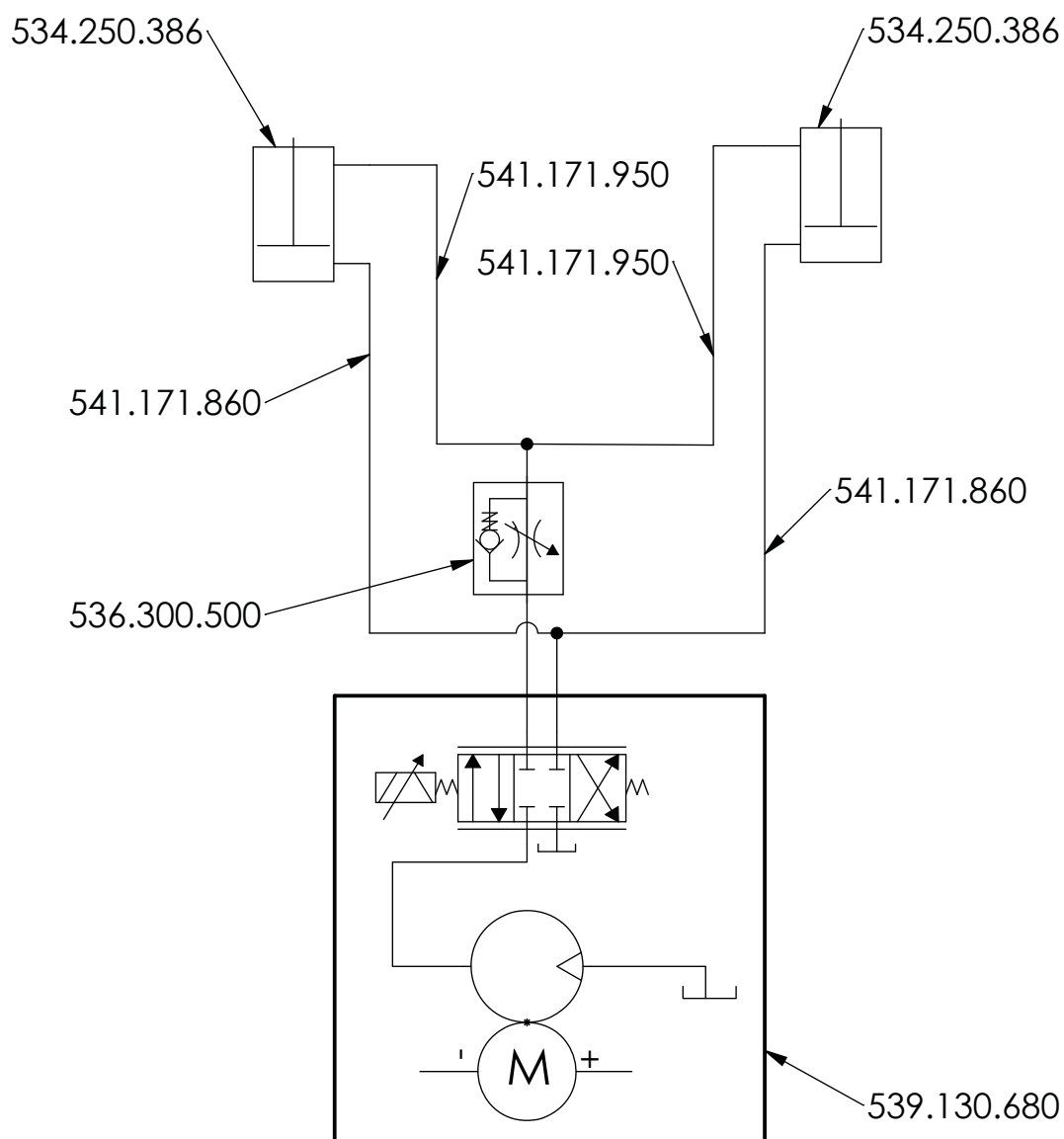
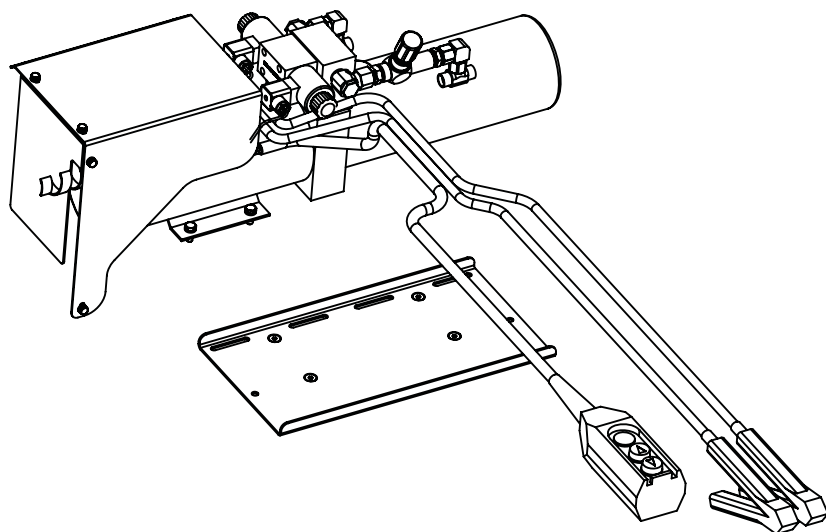


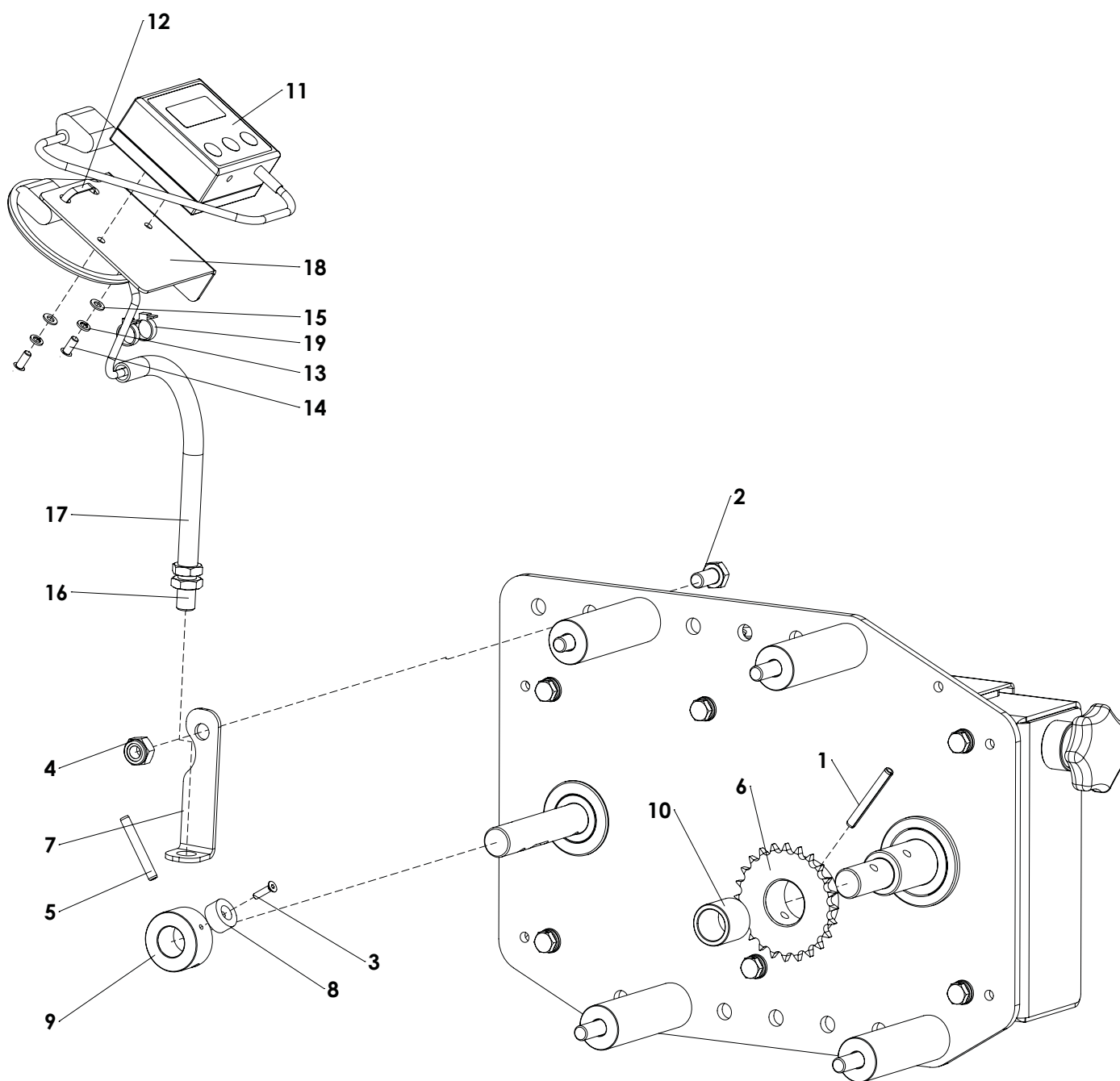
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	539.130.680-S02	Hydro pump 4.3cc		1
2	766.129.040	O-ring 117x4mm		1
3	766.028.020	O-ring 28x2.5mm		1
4	766.009.020	O-ring 9.25x1.78mm		1
5	539.130.680-S01	Oil tank		1
6	539.130.680-S03	Filter		1
7	541.210.280	Hose		1
8	539.130.680-S04	Central Flange		1
9	539.130.680-S05	Non return valve		1
10	539.130.680-S06	Cavityplug		1
11	539.130.680-S07	Safety valve		1
12	864.080.030	Washer M8 - ISO 7089		2
13	866.080.020	Spring Washer M8 - DIN 127		2
14	814.081.202	Bolt M8 x 120 class 12.9 reworked - DIN 912		2
15	539.130.680-S08	Pump coupling		1
16	539.130.680-S09	Coupling EM71B14HD		1
17	805.060.100	DIN 6921 - M6 x 10 x 10 - C		4
18	539.130.680-S10	Flange		1
19	814.080.251	Bolt M8 x 25 - DIN 912		4
20	814.060.200	Bolt M6 x 20 - DIN 912		4
21	539.130.680-S11	DC motor		1
23	539.130.680-S12	DC motor relais		1
24	539.130.680-S13	DC cable		1
25	564.452.150	Electric valve		1
26	539.130.680-S14	Manifold 1 section		1
27	549.130.170	Blind plug G1/4		1
28	814.080.900	Bolt M8 x 90 class 12.9 - DIN 912		2
29	766.012.020	O-ring 12.37x2.62mm		2
30	536.450.330	Oil Cap 1/2"		1



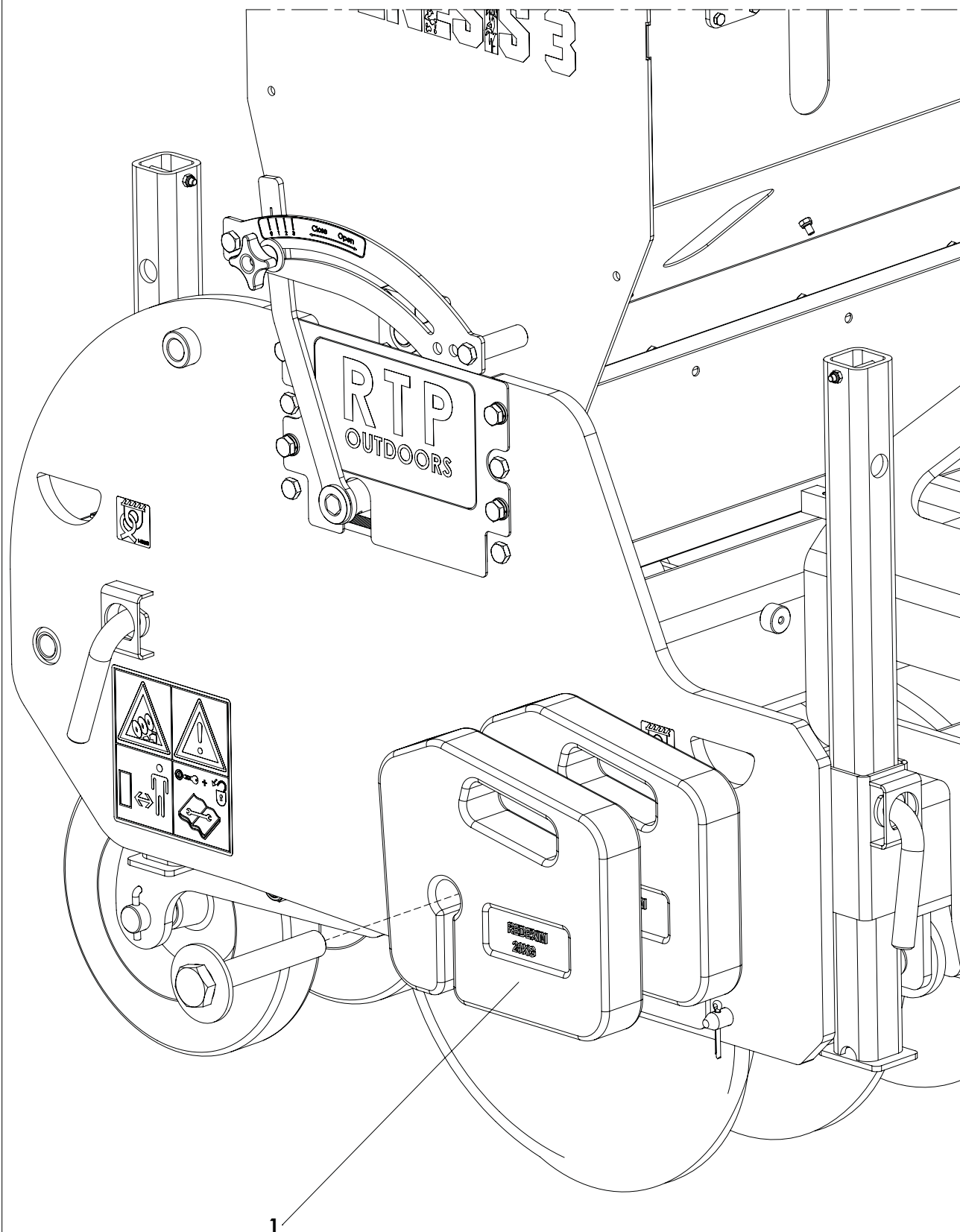
Electrical circuit





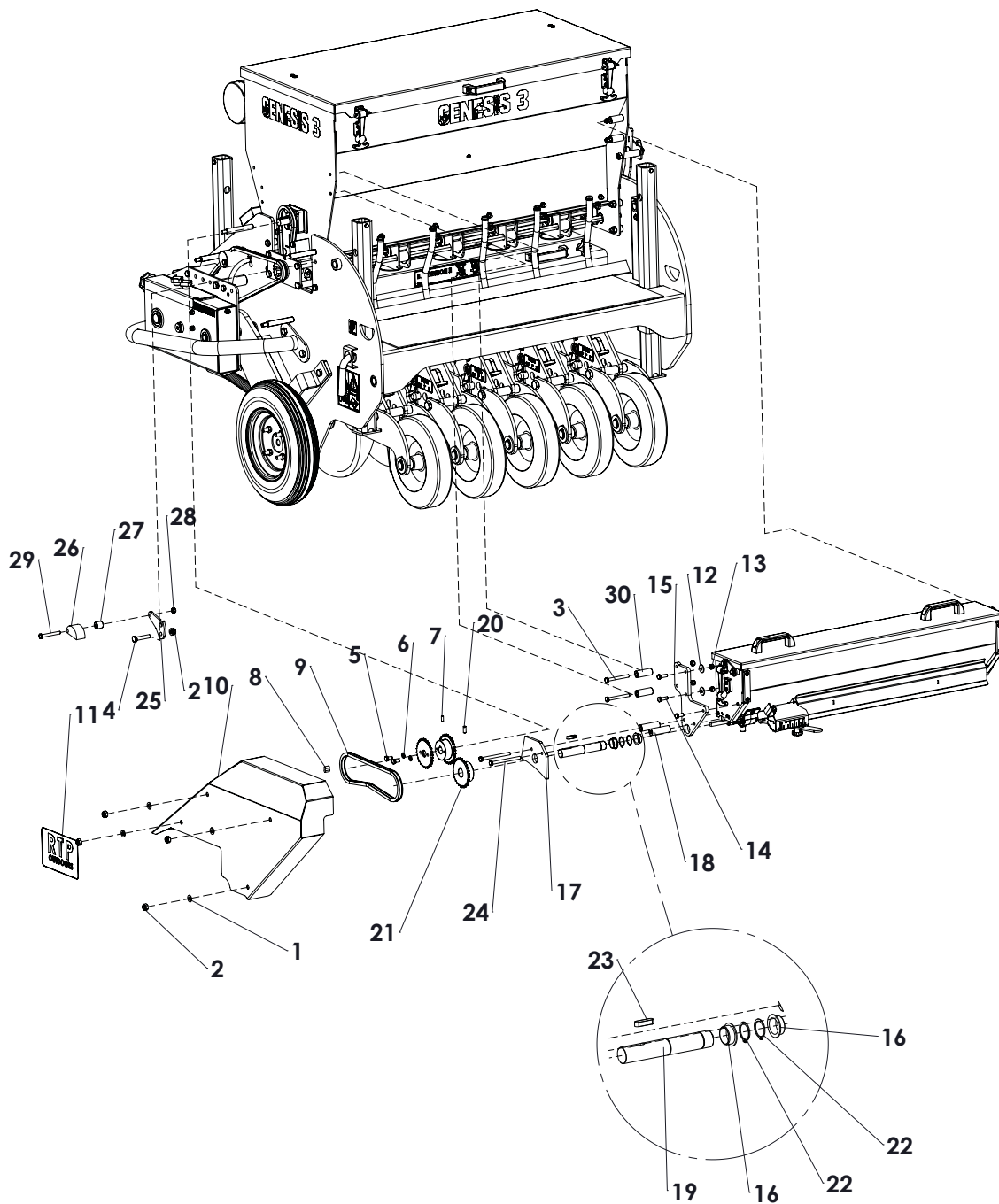


ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	878.060.500	Roll Pin 6 x 50 - ISO 8752		1
2	804.100.200	Bolt M10 x 20 - ISO 4017		1
3	816.040.160	Bolt M4 x 16 - DIN 7991		1
4	830.100.100	Self Lock Nut M10 - ISO 10511		1
5	878.060.450	Roll Pin 6 x 45 - ISO 8752		1
6	635.000.258	Sprocket 3/8" (06B) simplex 24Z Ø30		1
7	468.030.980	Sensor bracket		1
8	569.200.100	Magnet	Also included in 569.100.430	1
9	406.200.204	Magnet bush		1
10	406.210.260	Bush		1
11	569.390.780	Counter UC300		1
12	593.052.000	Cable-tie 4.8x200		1
13	866.050.020	Spring Washer M5 - DIN 127		2
14	804.050.120	Bolt M5 x 12 - ISO 4017		2
15	864.050.030	Washer M5 - ISO 7089		2
16	569.100.430	Magnetic sensor D10 + cable 2 m + magnet		1
17	569.131.950	Protection tube open, L=210mm		1
18	468.021.160	Bracket counter		1
19	593.052.000	Cable-tie 4.8x200		2

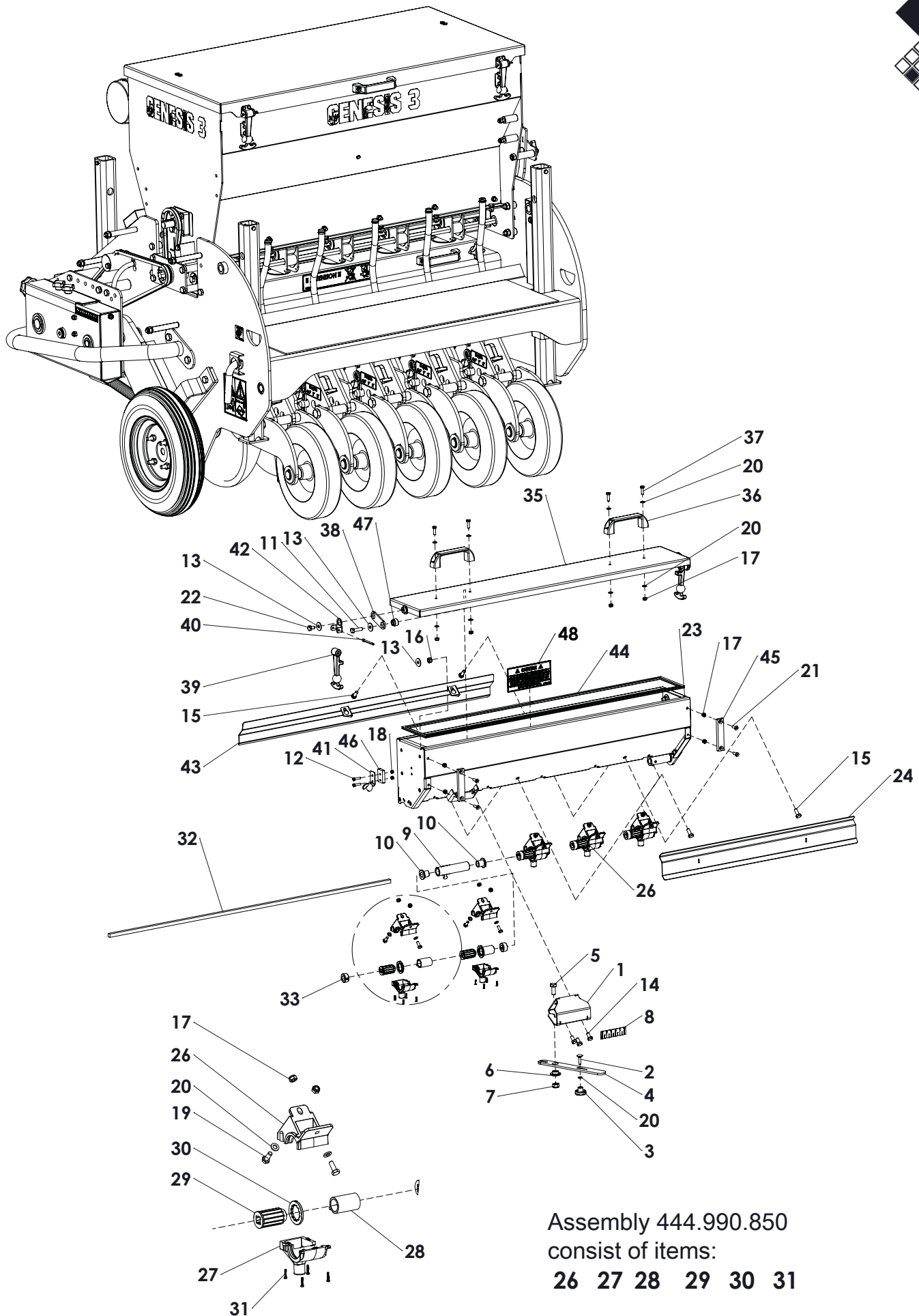


1
Optional weight to compensate oblique entry.
Maximum amount of weights to be used is 2 pieces.

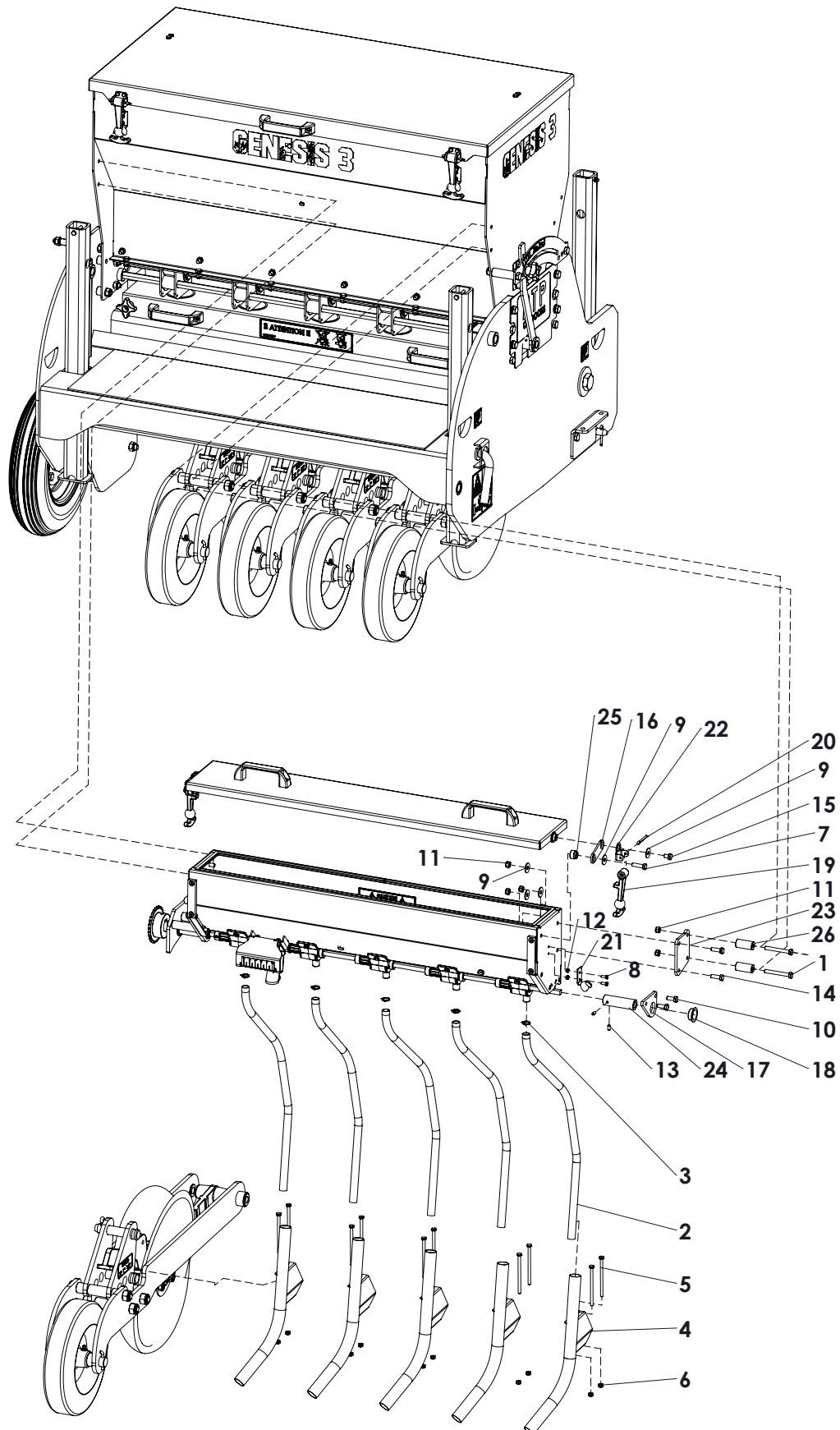
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	492.502.800	Weight 20kg		2



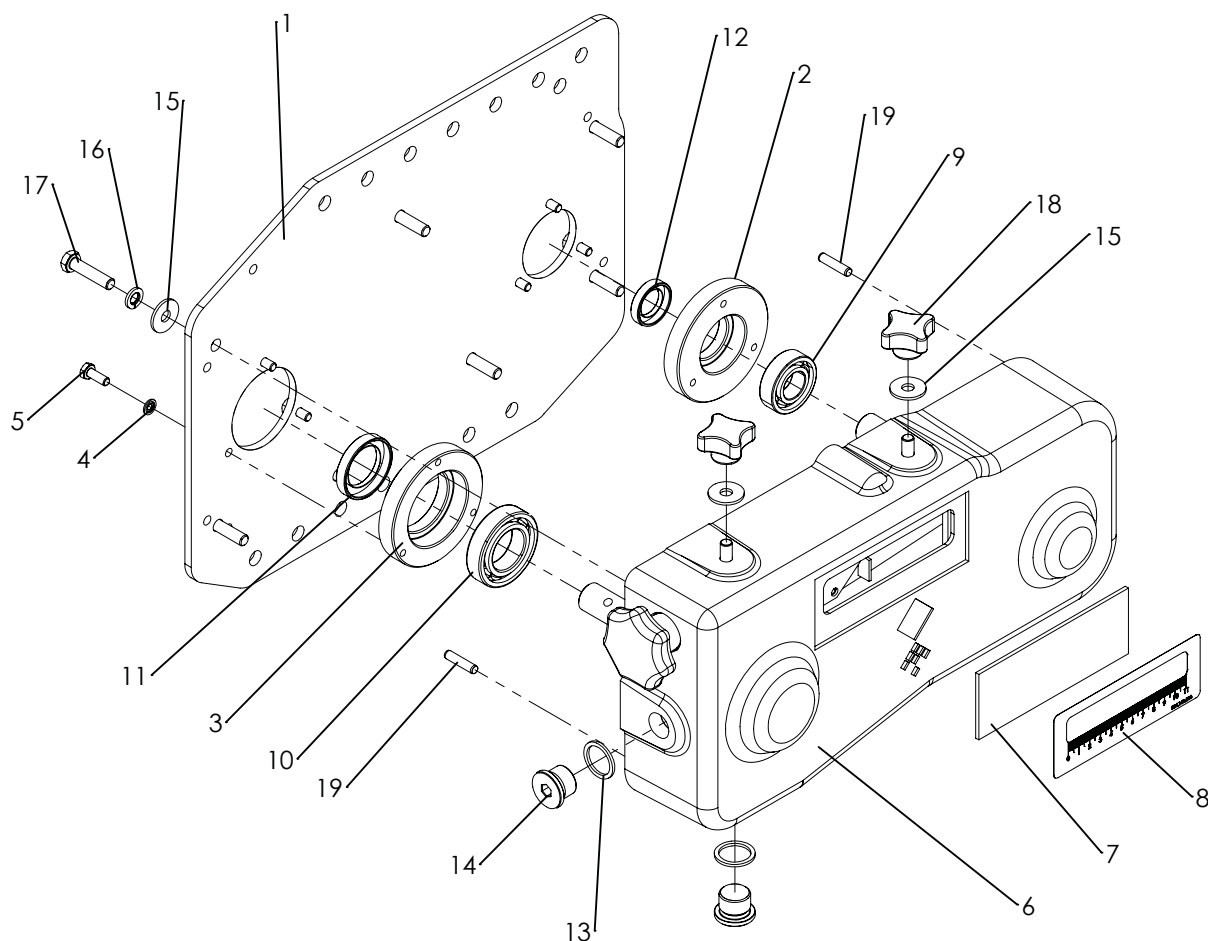
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	864.100.030	Washer M10 - ISO 7089		5
2	830.100.100	Self Lock Nut M10 - ISO 10511		5
3	802.080.750	Bolt M8 x 75 - ISO 4014		2
4	802.100.500	Bolt M10 x 50 - ISO 4014		1
5	804.080.160	Bolt M8 x 16 - ISO 4017		2
6	864.080.030	Washer M8 - ISO 7089		2
7	818.060.160	Set screw M6 x 16 Din 913		1
8	638.090.090	Chain connector 3_8 inch 6B Simplex		1
9	631.000.722	Chain 3/8" 38 shackles		1
10	456.840.410	Cover genesis with small seed box		1
11	922.260.414	Label RTP Outdoors white		1
12	864.080.024	Large washer M8 - DIN 9021		2
13	830.080.080	Self Lock Nut M8 - ISO 10511		5
14	804.080.250	Bolt M8 x 25 - ISO 4017		3
15	468.102.150	Mount plate		1
16	732.250.120	Bearing Ø25 h=11.5		2
17	468.081.380	Bearing Plate		1
18	402.090.640	distance bush Ø20-Ø8,5 L=64		2
19	474.251.740	transmission weldment		1
20	818.080.201	Set screw M8 x 20 - DIN 916		1
21	635.000.903	Sprocket 3/8" (06B) simplex 28Z Ø25		1
22	870.025.120	Circlip d=25 - DIN 471		2
23	884.080.320	Key 8x7x32 - DIN 6885		1
24	802.080.100	Bolt M8 x 100 - ISO 4014		2
25	468.060.920	Plate		1
26	444.300.600	Chain Tensioner		1
27	402.090.200	distance bush Ø20-Ø8,5 L=20		1
28	830.080.080	Self Lock Nut M8 - ISO 10511		1
29	802.080.650	Bolt M8 x 65 - ISO 4014		1
30	402.090.522	distance bush Ø20-Ø8,5 L=52		2



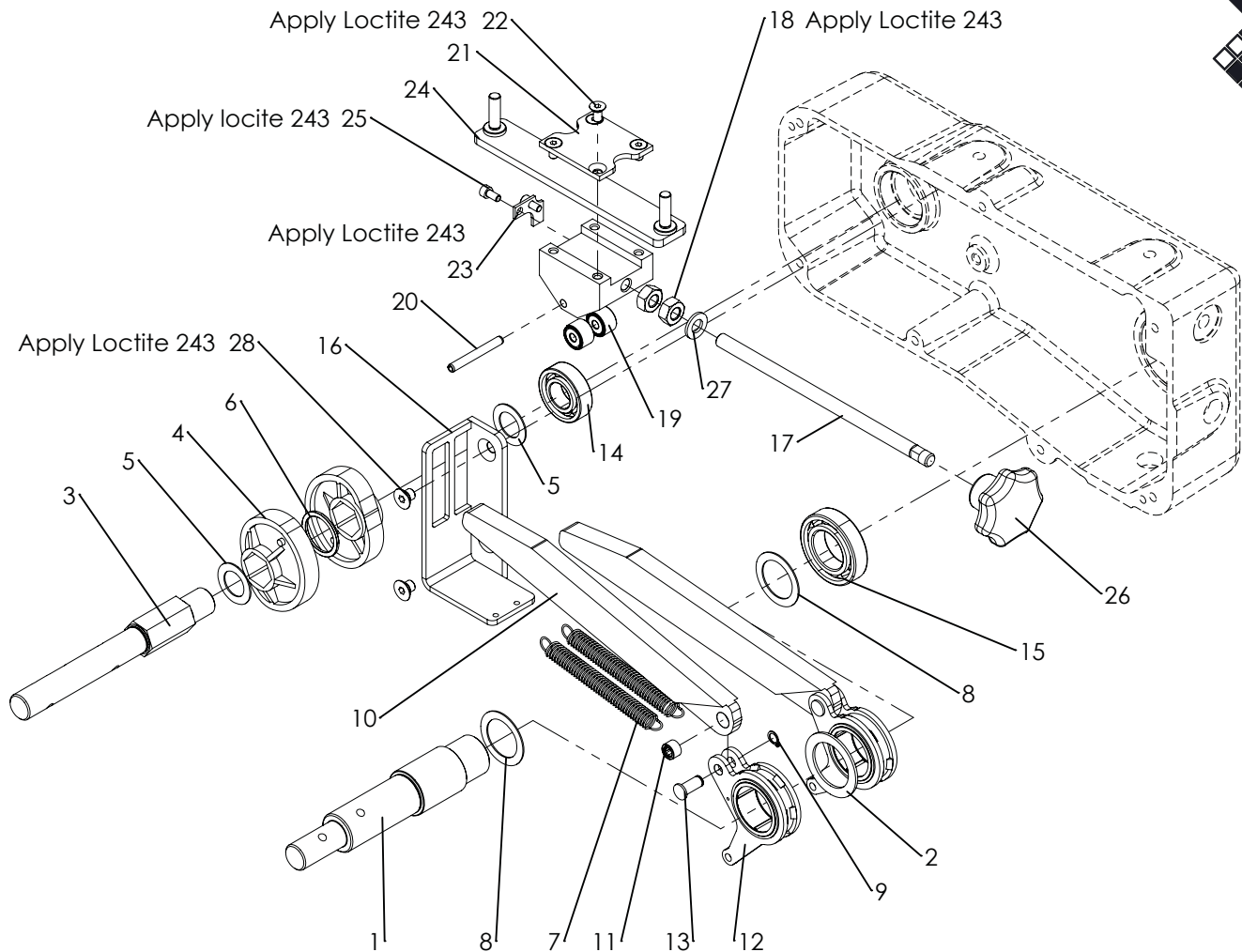
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	466.031.180	Adjustment plate small seeder		1
2	820.060.250	MH Bolt M6 x 25 ISO 8677		1
3	836.060.200	Knob M6 x 32mm		1
4	468.052.350	Adjustment handle		1
5	804.100.250	Bolt M10 x 25 - ISO 4017		1
6	404.100.100	Pivot bush		1
7	830.100.100	Self Lock Nut M10 - ISO 10511		1
8	922.340.017	Gauge decall Small seed system		1
9	476.042.105	Adjuster weldment		1
10	732.140.210	Bearing bush		2
11	804.080.300	Bolt M8 x 30 - ISO 4017		1
12	804.050.200	Bolt M5 x 20 - ISO 4017		2
13	864.080.024	Large washer M8 - DIN 9021		3
14	804.080.162	Bolt M8 x 16 - ISO 4017		3
15	804.080.200	Bolt M8 x 20 - ISO 4017		4
16	830.080.080	Self Lock Nut M8 - ISO 10511		1
17	830.060.060	Self Lock Nut M6 - ISO 10511		19
18	830.050.050	Self Lock Nut M5 - ISO 10511		4
19	804.060.160	Bolt M6 x 16 - ISO 4017		10
20	864.060.030	Washer M6 - ISO 7089		11
21	816.060.200	Bolt M6 x 20 - DIN 7991		4
22	804.080.120	Bolt M8 x 12 - ISO 4017		1
23	468.020.919	Weldment hopper small seeding system 5 elements		1
24	456.067.007	Cover front 5		1
25	444.990.850	Small seed cup		5
26	444.990.851	small seed cup upper body		1
27	444.990.852	Small seed cup lower body		1
28	444.990.854	Small seed blocker		1
29	444.990.853	Small seeds wheel metric		1
30	444.990.855	Gap closing wheel		1
31	860.250.120	Pan Thread Forming Screw For Plastic 2,3 x 12		4
32	472.100.970	driveshaft ■ 10 5 elements		1
33	868.140.120	Adjusting ring Ø14 DIN705		8
34	456.095.016	Cover hopper small seeds box		1
35	456.092.016	Weldment cover small seed box 5 elements		1
36	444.151.250	Handle		2
37	804.060.200	Bolt M6 x 20 - ISO 4017		4
38	468.040.740	Hinge plate		1
39	490002	Rubber lock		1
40	882.050.450	Cotter Pin 5 x 45 - DIN 94		1
41	590.650.000	Bracket for latch		1
42	468.020.370	lock plate rubber		1
43	456.086.008	Back cover 5 elements		1
44	446.109.200	Rubber U-seal 1-4mm L=2020		1
45	444.080.960	spacer cover Small seeds box		2
46	444.080.380	Spacer rubber lock		1
47	406.090.140	distance bush Ø20-16-Ø8,5 L=14.5		2
48	924.280.000	Decal seed hopper		1



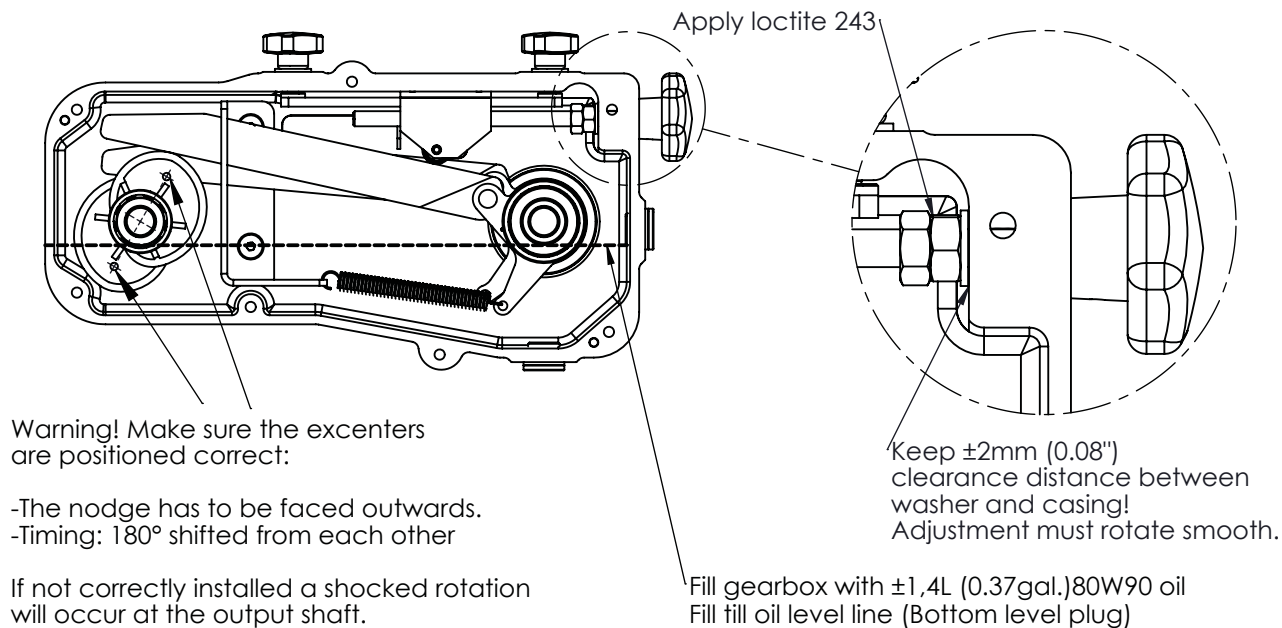
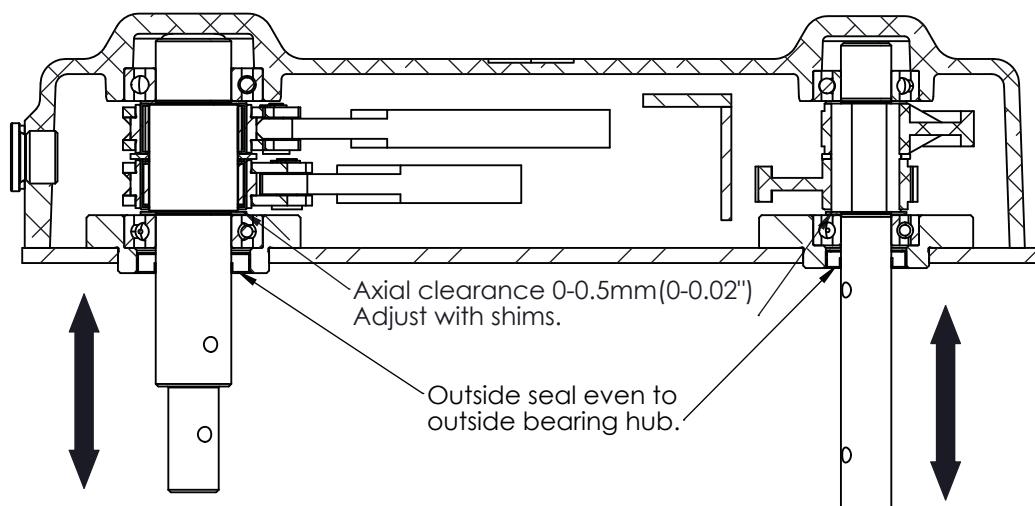
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	802.080.650	Bolt M8 x 65 - ISO 4014		2
2	555.146.000	PVC hose clear 14x18mm L=600		5
3	896.160.220	Spring hose clamp		5
4	478.338.253	Droppertube		5
5	802.061.000	Bolt M6 x 100- ISO 4014		10
6	830.060.060	Self Lock Nut M6 - ISO 10511		2
7	804.080.300	Bolt M8 x 30 - ISO 4017		1
8	804.050.120	Bolt M5 x 12 - ISO 4017		2
9	864.080.024	Large washer M8 - DIN 9021		5
10	804.080.200	Bolt M8 x 20 - ISO 4017		2
11	830.080.080	Self Lock Nut M8 - ISO 10511		5
12	830.050.050	Self Lock Nut M5 - ISO 10511		2
13	818.060.120	Set screw M6 x 12 - DIN 916		2
14	804.080.250	Bolt M8 x 25 - ISO 4017		4
15	804.080.120	Bolt M8 x 12 - ISO 4017		2
16	468.040.740	Hinge plate		1
17	468.060.890	bearingplate		1
18	732.250.120	Bearing Ø25 h=11.5		1
19	490002	Rubber lock		1
20	882.050.450	Cotter Pin 5 x 45 - DIN 94		1
21	590.650.000	Bracket for latch		1
22	468.020.370	lock plate rubber		2
23	468.051.010	Mount plate		1
24	476.250.800	Shaft end tube		1
25	406.090.140	distance bush Ø20-16-Ø8,5 L=14.5		2
26	402.090.421	distance bush Ø20-Ø8,5 L=42		2



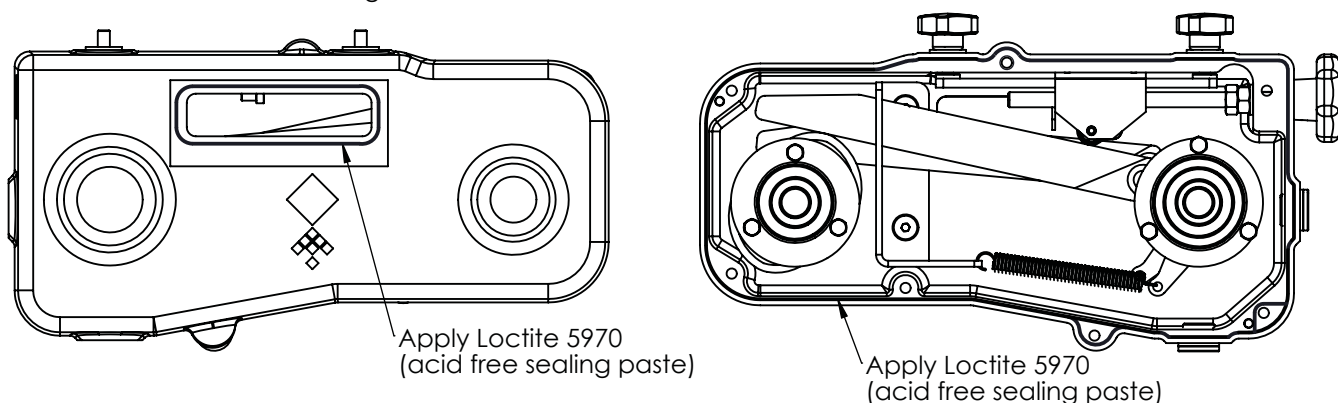
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	468.064.060	Lid plate		1
2	434.210.850	Bearing hub Ø42		1
3	434.230.850	Bearing hub Ø55		1
4	874.060.020	Bonded seal ring M6		6
5	804.060.160	Bolt M6 x 16 - ISO 4017		6
6	448.380.800	Casted gearbox housing		1
7	444.021.380	Window		1
8	934.140.510	Gauge decall		1
9	711.200.120	Bearing 6004		2
10	711.300.132	Bearing 6006		2
11	762.300.080	Oil seal 30-45-8		1
12	762.200.070	Oil seal 20-32-7		1
13	874.210.020	Copper washer 1_2		2
14	549.210.200	Blind plug G1/2		2
15	864.080.024	Large washer M8 - DIN 9021		9
16	866.080.020	Spring Washer M8 - DIN 127		7
17	804.080.350	Bolt M8 x 35 - ISO 4017		7
18	836.080.402	Closed Knob M8 - Din 6335		2
19	876.060.260	Parallel pin ISO 8734 - 6 x 26		2
	623.200.400	Gearbox complete		

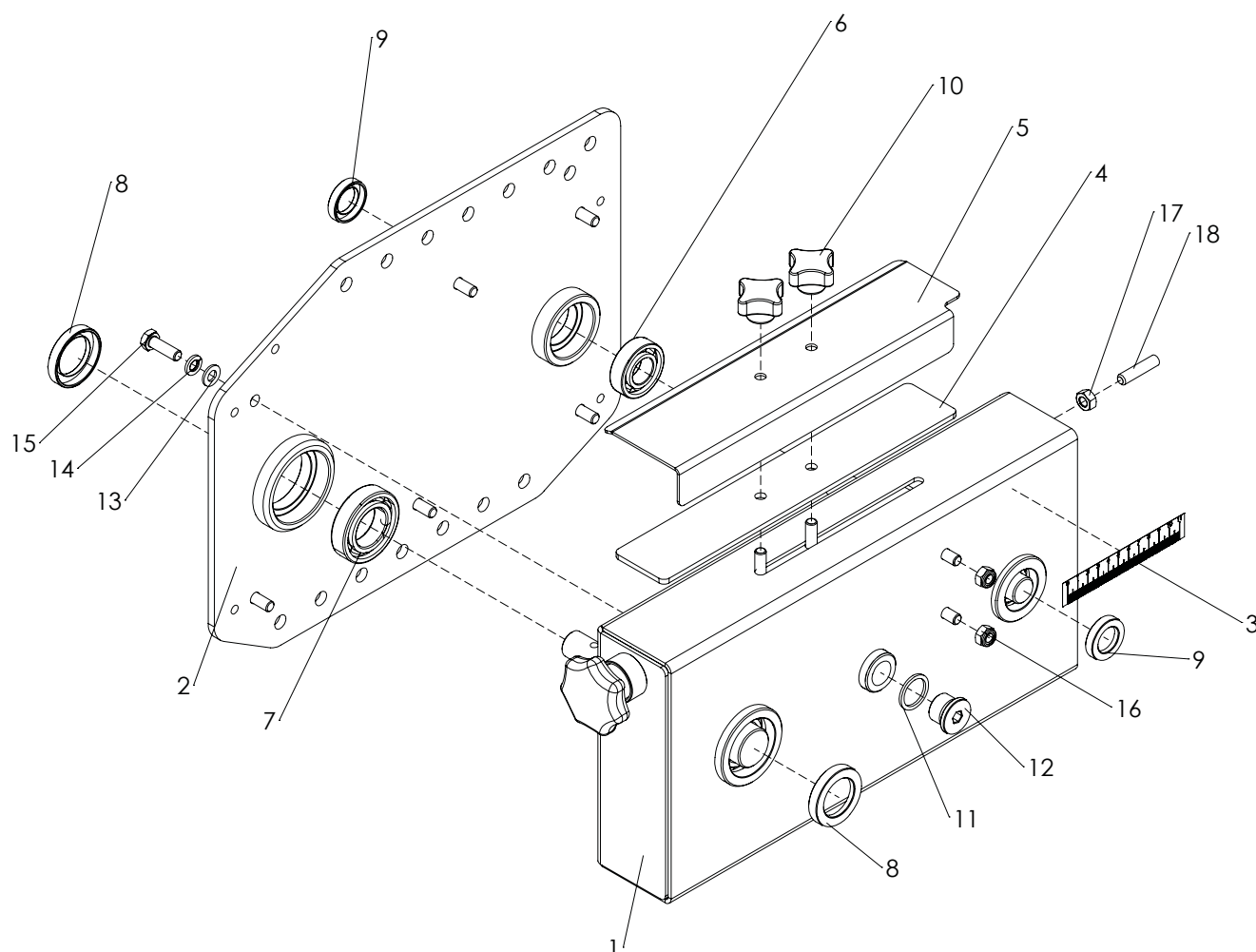


ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	422.351.382	Shaft		1
2	444.020.500	Washer		1
3	422.242.020	Shaft		1
4	444.200.730	Excenter		2
5	868.032.100	Shim Ø20xØ32x1.0 DIN988	Quantity depending on clearance	
6	406.280.030	Spacer		1
7	575.010.800	Spring		2
8	868.042.100	Shim Ø30xØ42x1.0 DIN988	Quantity depending on clearance	
9	870.008.080	Circlip d=8 - DIN 471		2
10	464.152.702	Rocker strip		2
11	721.080.080	Bearing HK0808		2
12	442.200.980	Rocker arm assembly		2
13	418.080.200	Pin		2
14	711.200.120	Bearing 6004		1
15	711.300.132	Bearing 6006		1
16	470.120.550	Guide		1
17	852.102.100	Threaded rod M10x210		1
18	826.100.100	Nut M10 - DIN 934		2
19	721.060.120	Roller bearing		2
20	878.060.500	Roll Pin 6 x 50 - ISO 8752		1
21	468.040.530	Lock plate		1
22	816.060.122	Bolt M6 x 12 - DIN 7991		4
23	468.020.490	Indicator		1
24	468.061.620	Slider bracket		1
25	814.050.100	DIN 912 M5 x 10 --- 10C		2
26	836.100.630	Knob M10 with set screw		1
27	864.100.030	Washer M10 - ISO 7089		1
28	816.080.100	Bolt M8 x 10 - DIN 7991		2

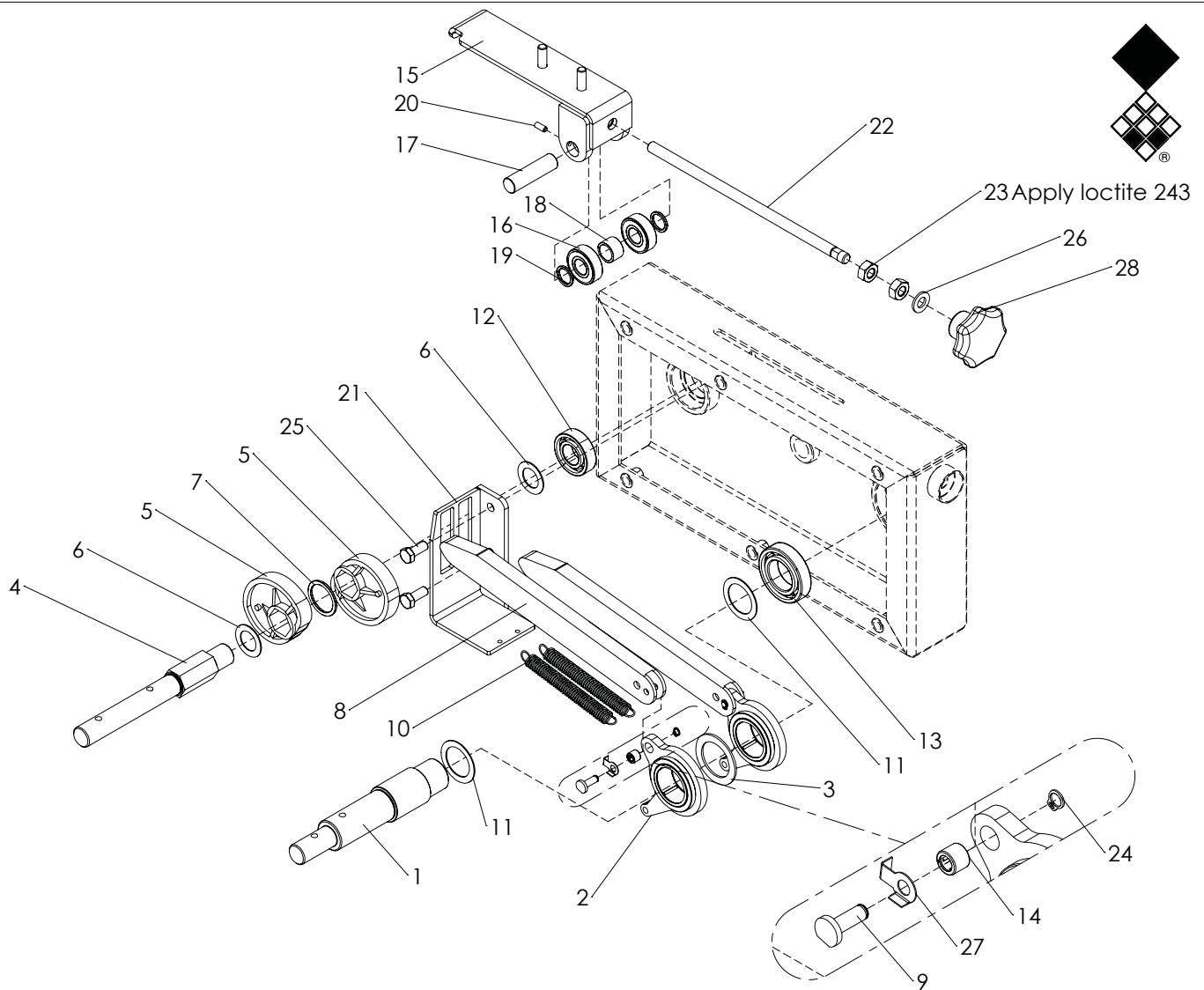
Timing, Spindle adjustment and Oil level**Axial clearance****Sealing plan**

1. Put sealing paste (Loctite 5970) on the gearbox housing according to the closed line as shown on the pictures below.
2. Make sure to put sealing paste around the threaded holes.
3. Make sure to clean the edges from excess sealant.





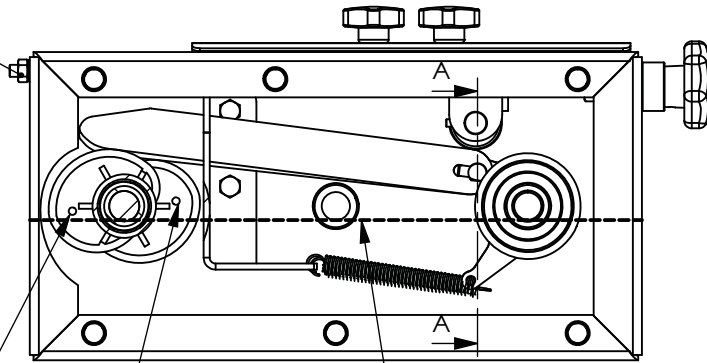
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	470.034.052	Gearbox housing		1
2	470.064.004	Gearbox lid		1
3	922.340.014	Gauge decall		1
4	444.032.900	Slider seal		1
5	468.022.900	Indicator		1
6	711.200.120	Bearing 6004		1
7	711.300.132	Bearing 6006		1
8	762.300.080	Oil seal 30-45-8		2
9	762.200.070	Oil seal 20-32-7		2
10	836.080.402	Closed Knob M8 - Din 6335		2
11	874.210.020	Copper washer 1_2		1
12	549.210.200	Blind plug G1/2		1
13	864.080.030	Washer M8 - ISO 7089		6
14	866.080.020	Spring Washer M8 - DIN 127		6
15	804.080.250	Bolt M8 x 25 - ISO 4017		6
16	830.080.080	Self Lock Nut M8 - ISO 10511		2
17	826.080.080	Nut M8 - DIN 934		1
18	818.080.350	Set screw M8x35 - DIN 913		1
	623.246.405	Gearbox complete		



ITEM	PART NUMBER	DESCRIPTION	REMARKS	QUA
1	422.351.382	Shaft		1
2	478.019.101	Pivot point		1
3	444.020.500	Washer		1
4	422.242.020	Shaft		1
5	444.200.730	Excenter		2
6	868.032.100	Shim Ø20xØ32x1.0 DIN988	Quantity depending on clearance	
7	406.280.030	Spacer		1
8	464.152.600	Swing arm		2
9	418.060.190	Pin		2
10	575.010.800	Spring		2
11	868.042.100	Shim Ø30xØ42x1.0 DIN988	Quantity depending on clearance	
12	711.200.120	Bearing 6004		1
13	711.300.132	Bearing 6006		1
14	721.060.080	Bearing HK0608		2
15	470.041.980	Slider bracket		1
16	713.150.110	Bearing 6202-LLU		2
17	414.150.550	Shaft		1
18	406.150.132	Bush		1
19	406.150.020	Bush		2
20	818.050.120	Set screw M5 x 12 - DIN 913		2
21	470.041.190	Guide		1
22	852.102.500	Threaded rod M10x250		1
23	826.100.100	Nut M10 - DIN 934		2
24	870.006.070	Circlip d=6 - DIN 471		2
25	804.080.200	Bolt M8 x 20 - ISO 4017		2
26	864.100.030	Washer M10 - ISO 7089		1
27	874.060.240	Lock washer		2
28	836.100.630	Knob M10 with set screw		1

Timing, Spindle adjustment and Grease level

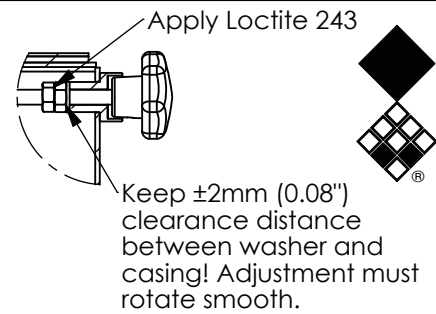
Adjust till max.
output is 4:1



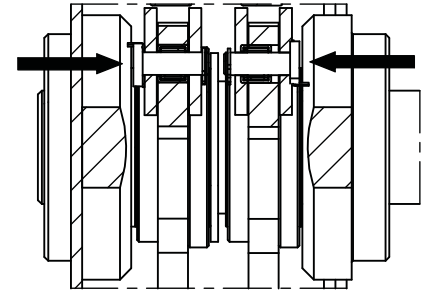
Warning! Make sure the excenters are positioned correct:
Fill gearbox with $\pm 2.8\text{kg}$ (6.17lbs.) EP0 grease
Fill till level line (Bottom level plug)

-The nodge has to be faced outwards.
-Timing: 180° shifted from each other.

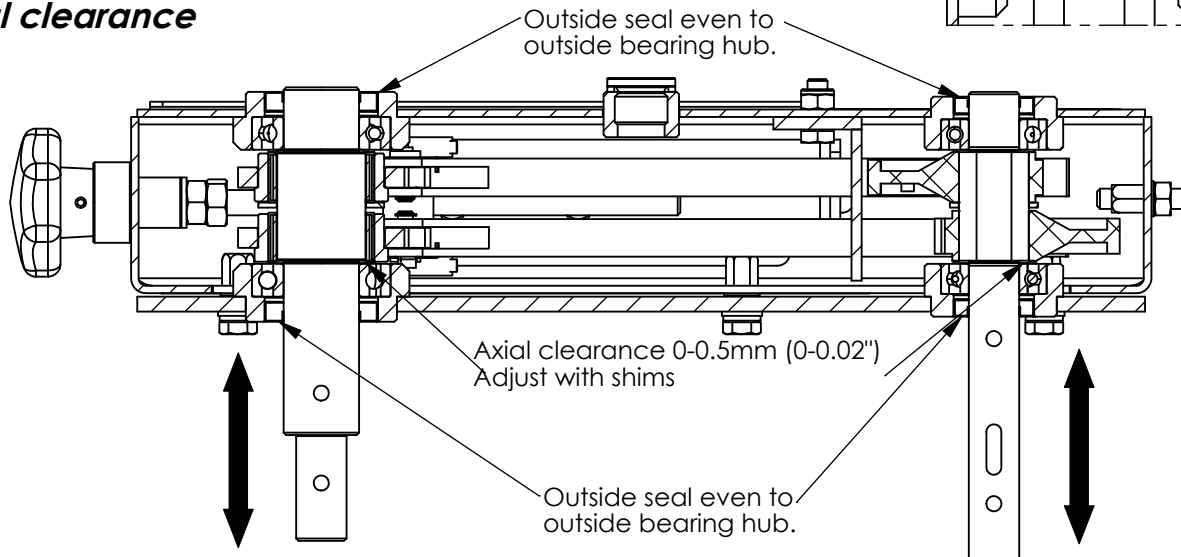
If not correctly installed a shocked rotation will occur at the output shaft.



SECTION A-A
Place pins from correct side and fold lock plate.



Axial clearance



Sealing plan

1. Place sealing paste (Loctite 5970) on gearbox housing as shown in the pictures below.
When the guide (1) is removed also apply sealant to the bolts.
2. Place gearbox lid on gearbox housing.
3. Fill bolt holes with silicone sealing before mounting the bolts of the gearbox lid.
4. Make sure to clean the edges of excess sealant.

