



METAL-FACH



STUBBLE CULTIVATOR

U487

PARTS CATALOGUE

REV. I APRIL 2018

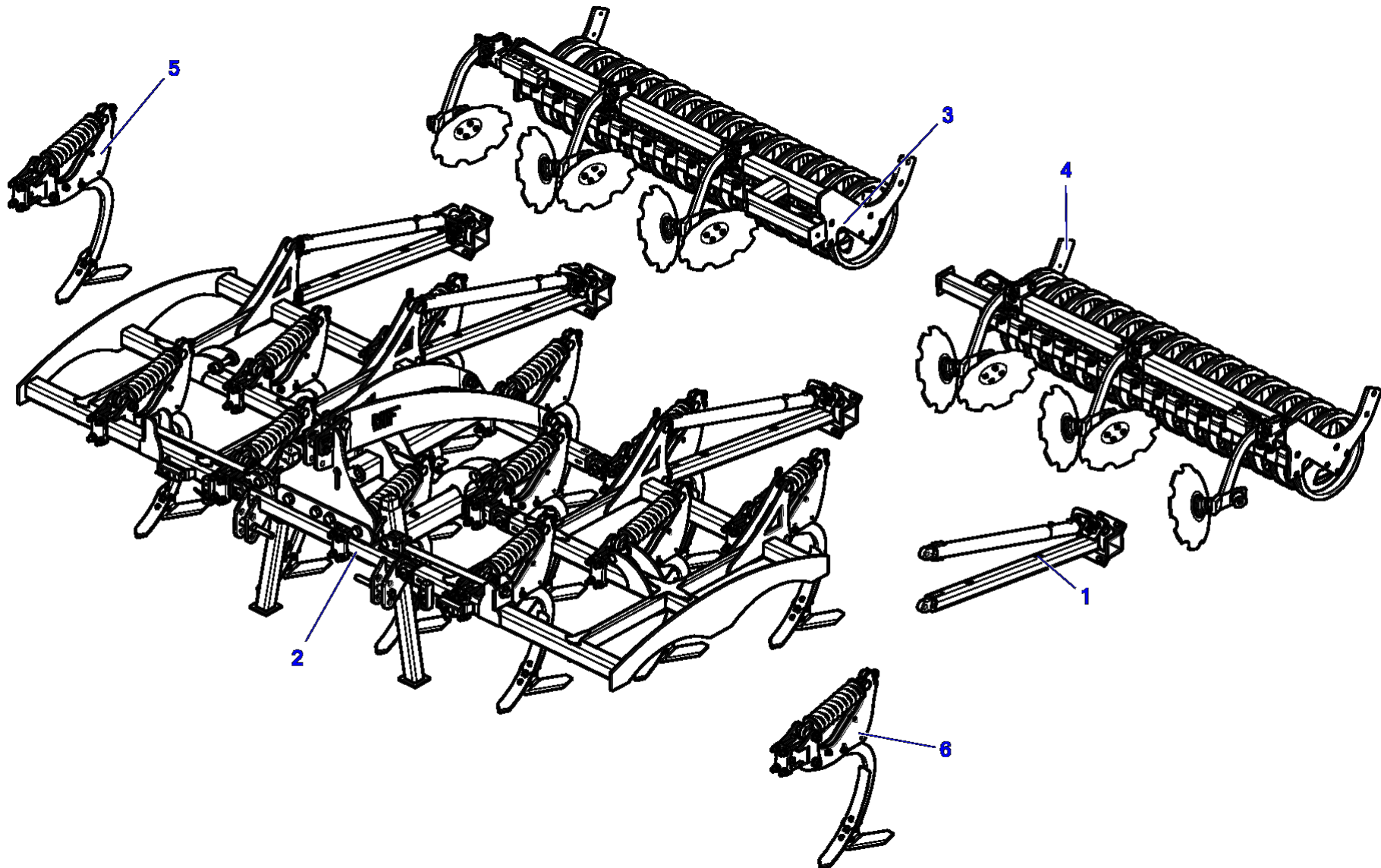


Information included in the catalogue is valid as of the date of its preparation. The manufacturer reserves its right to make design changes in machines and due to this fact some values or illustrations may not correspond to the actual state of the machine supplied to the user. The manufacturer reserves its right to make design changes without changing this catalogue.

Table of contents

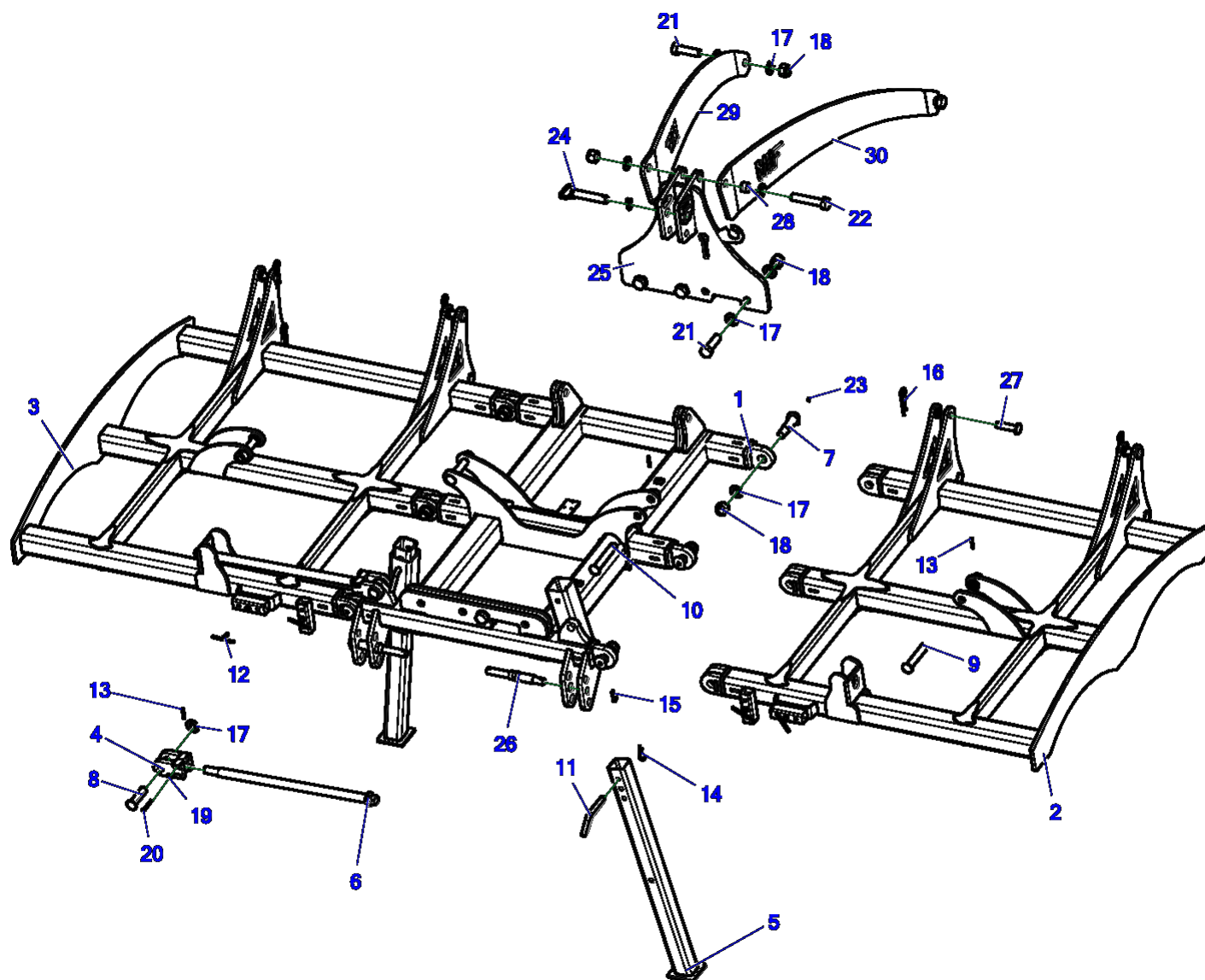
1. U487 STUBBLE CULTIVATOR	4
2. FOLDING UNIT FRAME 4.2 M	6
3. RIGHT SHAFT, SET	8
4. LEFT SHAFT, SET	10
5. LIGHTING	12
6. HYDRAULIC SYSTEM – LATERAL ARMS FOLDING	14
7. HYDRAULIC SYSTEM – ADJUSTING THE COMPACTION SHAFT POSITION	16
8. COULTER, COMPLETE, RIGHT/COULTER, COMPLETE, LEFT	18
9. COULTER, COMPLETE, RIGHT/LEFT WITH SCREW PROTECTION	20
10. SHAFT MOUNT, SET	22
NOTES	24

1. U487 STUBBLE CULTIVATOR



No.	Index	Name	Quantity
1	U490 06.00.00	Shaft mount, set	4
2	U487 01.00.00	4.2 m folding unit frame	1
3	U487 02.00.00	U487 right shaft	1
4	U487 03.00.00	U487 left shaft, set	1
5	U490 03.00.L0	Coulter, complete, left	7
5*	U490 03.00.LS	Coulter, complete, left, with screw protection	8
6	U490 03.00.P0	Coulter, complete, right	6
6*	U490 03.00.PS	Coulter, complete, right, with screw protection	7

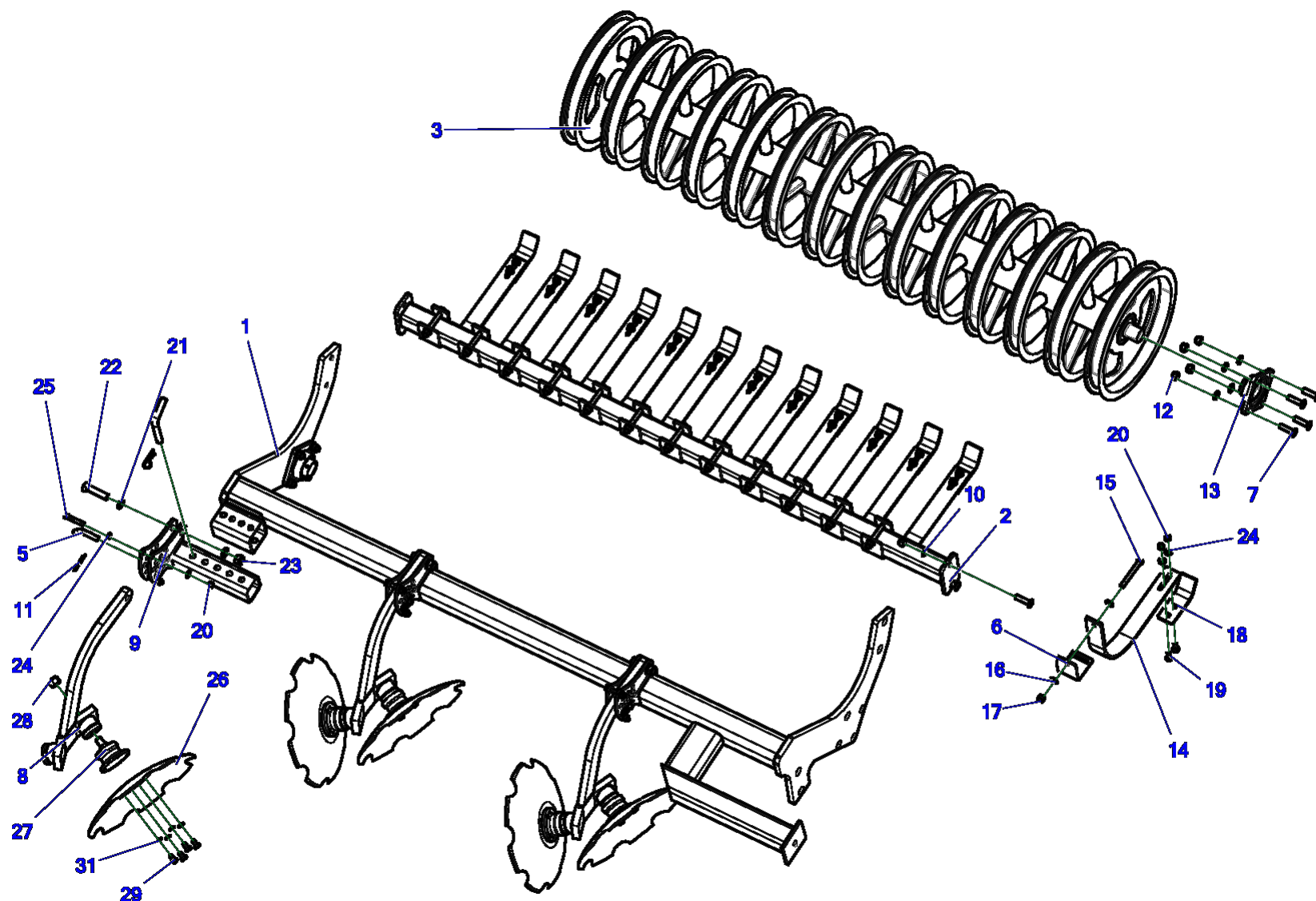
2. FOLDING UNIT FRAME 4.2 M



No.	Index	Name	Quantity
1	U487 01.01.00	Triangle frame	1
2	U487 01.02.00	Left arm	1
3	U487 01.03.00	Right arm	1
4	U487 01.04.00	Arm adjustment	2
5	U487 01.05.00	Support	2
6	U487 01.06.00	Screw	2
7	U487 01.00.01	Arms pin	6
8	U487 01.00.02	Arms mount adjustment pin	2
9	U487 01.00.03	Lateral arm actuator pin	2
10	U487 01.00.04	Cylinder pin	2
11	U-710 01.00.13	Pin V	2
12	U910 01.09.00	Set screw	4
13	23K8/50	Resilient stud 8x50 DIN 1481	6
14	23ZRFI4	Spring safety pin cap. 4 (letter R cap.)	2
15	23PR11	Cotter pin with a ring 11	3
16	23ZR6	Spring safety pin cap. 6 (letter R cap.)	8
17	POD-ELZ-000507	Round washer M30 oc. DIN 125	22
18	POD-ELZ-000042-1	Nut, self-locking M30 gal 82175	13
19	23P8OOC	Round washer 8gal 82005 82005	2

No.	Index	Name	Quantity
20	23S8/80 8.8	Screw 8x80gal 8.8 82101 82101	2
21	POD-ELZ-000390	Screw 30x100gal 8.8 82101	6
22	POD-ELZ-000696	Screw 30x150gal 10.9 82101	1
23	23SM8	Lubricating nipple M8x1,0 straight	6
24	U490 01.04.00	Upper triangle pin	1
25	U490 01.02.00	Threepoint	1
26	U490 01.00.05	Lower link bar pin	2
27	U490 01.00.04	Shaft mount pin	8
28	U490 01.00.03	Spacer bushing	1
29	U490 01.00.02	Sheet with logo, right	1
30	U490 01.00.01	Sheet with logo, left	1

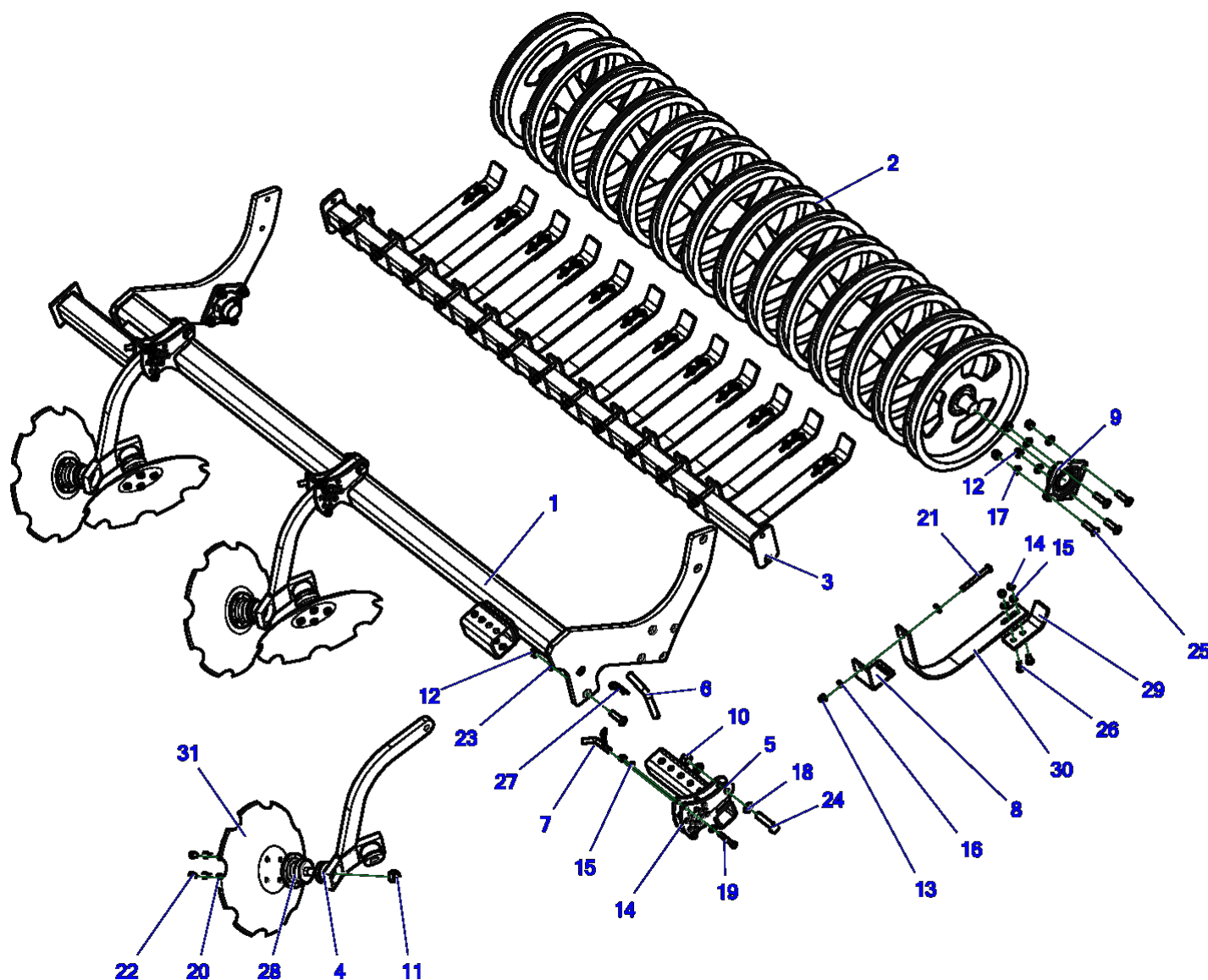
3. RIGHT SHAFT, SET



No.	Index	Name	Quantity
1	U487 02.01.00	Shaft frame, right	1
2	U487 02.02.00	Scraper tube	1
3	U487 02.03.00	Unit shaft 4.2m	1
4	U-710 01.00.13	Pin V	1
5	U-710 02.00.08	Adjusting pin II	3
6	U-740 05.00.01	Spring mount	13
7	POD-ELZ-000693	Countersunk Allen screw 16x60gal 10.9 DIN7991	12
8	U490 02.08.00	Disc support	3
9	U490 02.06.00	Right support	1
10	POD-ELZ-000705	Split washer Ext. 16gal DIN 6798A	4
11	23ZRFI4	Spring safety pin cap. 4 (letter R cap.)	4
12	23NS16OC	Nut, self-locking M16gal 82175 8 82175 8	12
13	POD-LOZ-000244	Bearing unit FY 50 TR	2
14	POD-EOS-000371	Drag arm	13
15	POD-ELZ-000635	Screw 14x120gal 10.9 82101	13
16	23P14OC	Round washer 14gal 82005 82005	26
17	23NS14OC	Nut, self-locking m14gal 82175 8 82175 8	13
18	POD-OGL-000544	Tabo point	13

No.	Index	Name	Quantity
19	POD-ELZ-000647	Plough screw 12x40bl 8.8 82402	26
20	23NS12OC	Nut, self-locking m12gal 82175 8 82175 8	32
21	23P20OOC	Round washer 20gal 82005 82005	6
22	23S20/80 8.8 OC	Screw 20x80gal 82101 82101	3
23	23NS20OC 82175	Nut, self-locking M20gal 82175 8 82175 8	3
24	23P12OC	Round washer 12gal 82005	38
25	23S12/70OC 8.8	Screw 12x70gal 8.8 82101 82101	6
26	POD-OGL-000576	Serrated disc with ribbing fi 460/4	5
27	POD-LOZ-000174	BAA0004 maintenance-free hub	5
28	POD-ELZ-000623	Nut, self-locking M22x1.5 gal 10.9	5
29	POD-ELZ-000629	Screw 12x1.25x20gal 10.9 82105	20
30	23P16OOC	Round washer 16gal 82005 82005	8
31	23P12SP	Spring washer 12gal 82008 82008	20

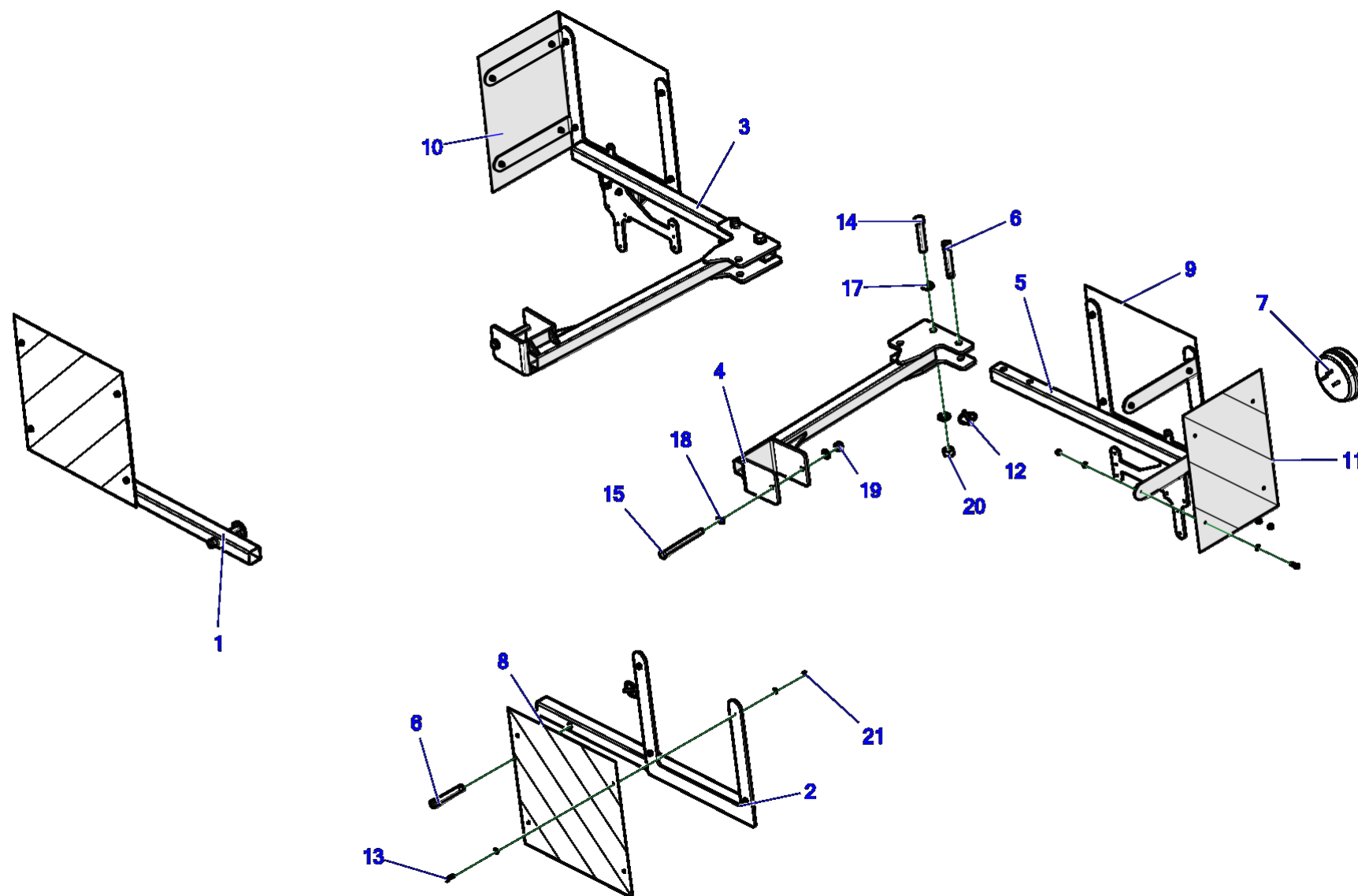
4. LEFT SHAFT, SET



No.	Index	Name	Quantity
1	U487 03.01.00	Shaft frame, left	1
2	U487 02.03.00	Unit shaft 4.2m	1
3	U487 02.02.00	Scraper tube	1
4	U490 02.08.00	Disc support	3
5	U490 02.07.00	Left support	1
6	U-710 01.00.13	Pin V	1
7	U-710 02.00.08	Adjusting pin II	3
8	U-740 05.00.01	Spring mount	13
9	POD-LOZ-000244	Bearing unit FY 50 TR	2
10	23NS20OC 82175	Nut, self-locking M20gal 82175 8 82175 8	3
11	POD-ELZ-000623	Nut, self-locking M22x1.5 gal 10.9	5
12	23NS16OC	Nut, self-locking M16gal 82175 8 82175 8	12
13	23NS14OC	Nut, self-locking m14gal 82175 8 82175 8	13
14	23NS12OC	Nut, self-locking m12gal 82175 8 82175 8	32
15	23P12OC	Round washer 12gal 82005	38
16	23P14OC	Round washer 14gal 82005 82005	26
17	23P16OOC	Round washer 16gal 82005 82005	8
18	23P20OOC	Round washer 20gal 82005 82005	6

No.	Index	Name	Quantity
19	23S12/70OC 8.8	Screw 12x70gal 8.8 82101 82101	6
20	23P12SP	Spring washer 12gal 82008 82008	20
21	POD-ELZ-000635	Screw 14x120gal 10.9 82101	13
22	POD-ELZ-000629	Screw 12x1.25x20gal 10.9 82105	20
23	POD-ELZ-000705	Split washer Ext. 16gal DIN 6798A	4
24	23S20/80 8.8 OC	Screw 20x80gal 82101 82101	3
25	POD-ELZ-000693	Countersunk Allen screw 16x60gal 10.9 DIN7991	12
26	POD-ELZ-000647	Plough screw 12x40bl 8.8 82402	26
27	23ZRFI4	Spring safety pin cap. 4 (letter R cap.)	4
28	POD-LOZ-000174	BAA0004 maintenance-free hub	5
29	POD-OGL-000544	Tabo point	13
30	POD-EOS-000371	Drag arm	13
31	POD-OGL-000576	Serrated disc with ribbing fi 460/4	5

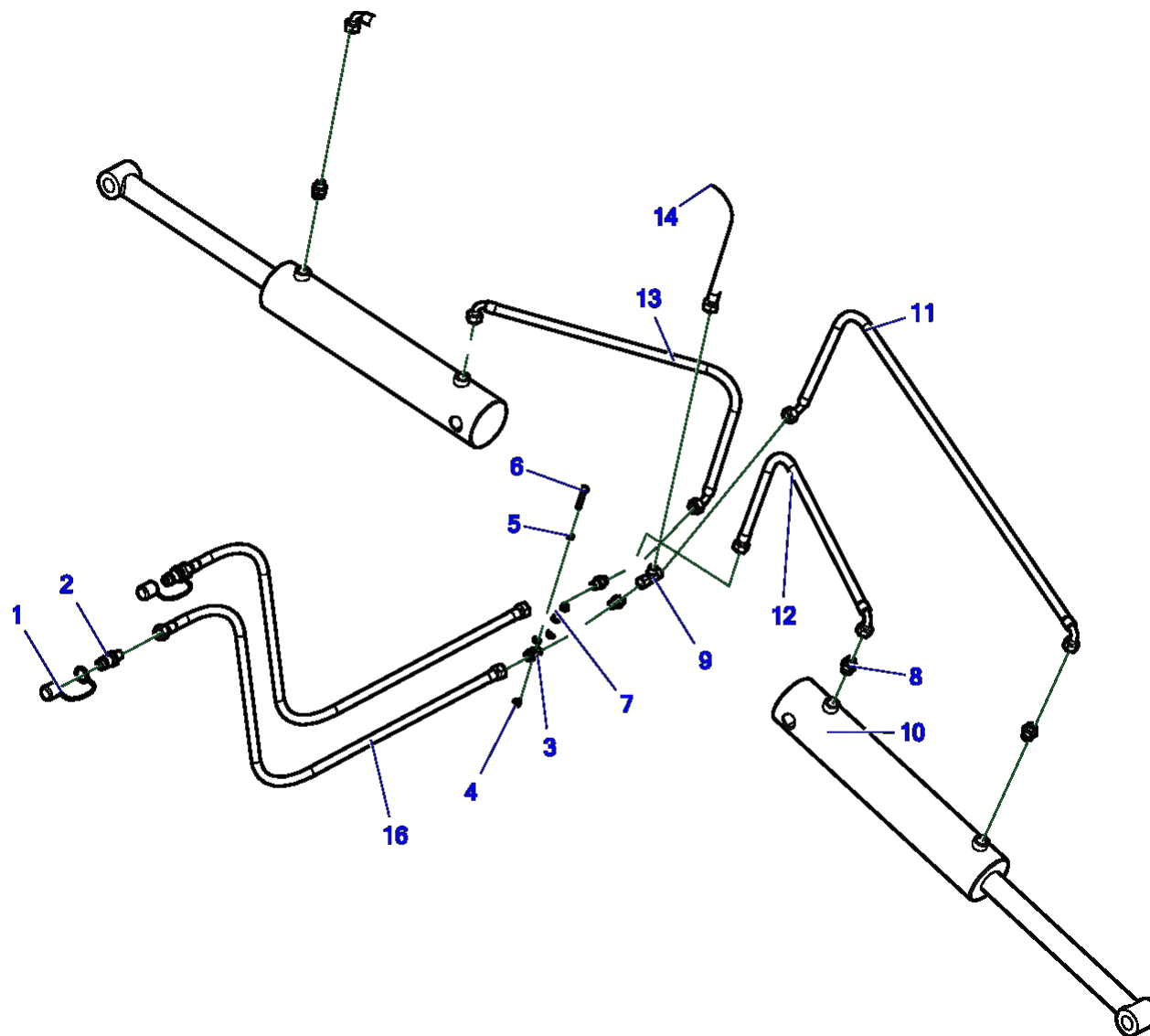
5. LIGHTING



No.	Index	Name	Quantity
1	U487 04.05.00	Front support, right	1
2	U487 04.04.00	Front support, left	1
3	U487 04.03.00	Lighting support - rear, right	1
4	U487 04.01.00	Rear light support	2
5	U487 04.02.00	Lighting support - rear, left	1
6	U490 02.00.02	Shaft adjusting pin	4
7	POD-ELK-000413	Lamp FT-110 LED 12 / 24V, round, with 1 m cable	2
8	POD-ELK-000292	Warning plate white and red 423mm x 423mm right	2
9	POD-ELK-000293	Warning plate white and red 423mm x 423mm left	2
10	POD-ELK-000294	Warning plate white and red 423mm x 282mm right	1
11	POD-ELK-000295	Warning plate white and red 423mm x 282mm left	1
12	23PR8	Cotter pin with a ring 8	4
13	23S6/20	Bolt 6x20gal 8.8 82105 82105 8.8	24
14	23S16/90OC	Screw 16x90gal 8.8 82101 82101	2
15	POD-ELZ-000407	Screw 12x140gal 8.8 82101	2
16	23P6OOC	Round washer 6gal 82005 82005	52

No.	Index	Name	Quantity
17	23P16OOC	Round washer 16gal 82005 82005	4
18	23P12OC	Round washer 12gal 82005	4
19	23NS12OC	Nut, self-locking m12gal 82175 8 82175 8	2
20	23NS16OC	Nut, self-locking m16gal 82175 8 82175 8	2
21	23NS6OC	Nut, self-locking m6gal 82175 8 82175 8	28
22	POD-ELK-000453	U487 unit wiring harness	1

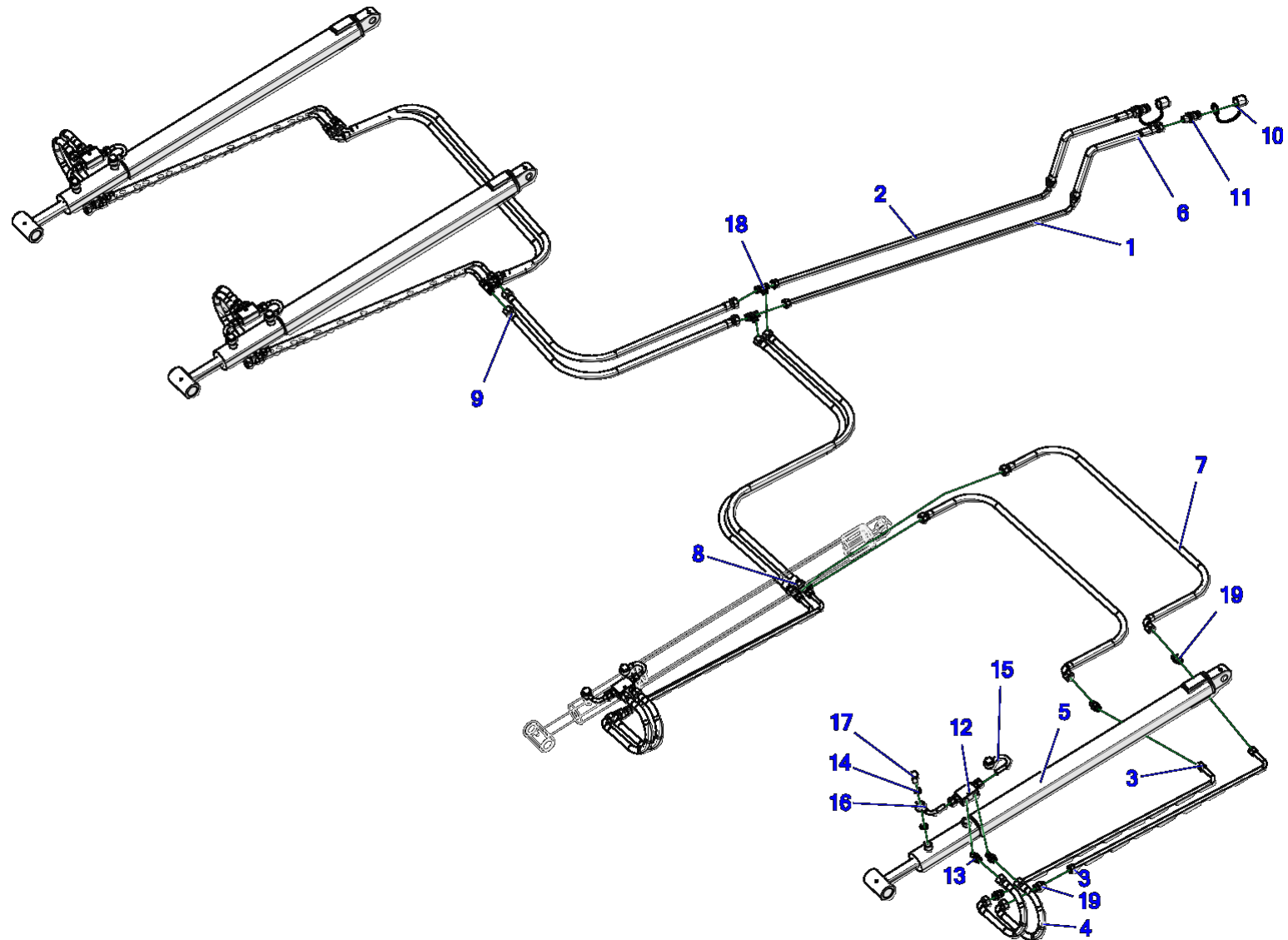
6. HYDRAULIC SYSTEM – LATERAL ARMS FOLDING



No.	Index	Name	Quantity
1	24ZWNE13	EURO valve-plug cap 13 (green, yellow, blue, red)	2
2	24ZWE13-M18X1.5	EURO valve-plug 13 M18x1.5	2
3	24KP3/8 18	Straight connection 3/8x18-1.5 12LR	4
4	23NS8OC	Nut, self-locking m8gal 82175 8 82175 8	3
5	23P8OOC	Round washer 8gal 82005 82005	6
6	POD-ELZ-000564	Screw 8x50gal 10.9 82101	3
7	POD-HZW-000060	VBCD overload-blocking valve 3/8" DE-A (V0422)	1
8	24KP22/18	Straight connection 22x18-1.5	4
9	POD-HKR-000121	Asymmetric tee connector 18x18x18-1.5 12L side nut	2
10	POD-HSL-000127	Actuator UCJ190-100/50/400*L-625	2
11	A90A90/211/10 L-1250	Hydraulic hose A90A90/211/10 L-1250	1
12	AA90/211/10 L-700	Hydraulic hose AA90/211/10 L-700	1
13	A90A90/211/10 L-800	Hydraulic hose A90A90/211/10 L-800	1
14	AA90/211/10 L-1150	Hydraulic hose AA90/211/10 L-1150	1
15	AA/211/10 L-2500	Hydraulic hose AA/211/10 L-2500	1
16	AA/211/10 L-2500	Hydraulic hose AA/211/10 L-2500	1

*Hydraulic hoses are included in set NR.24-5 Stubble cultivator unit 4.2m

7. HYDRAULIC SYSTEM – ADJUSTING THE COMPACTION SHAFT POSITION

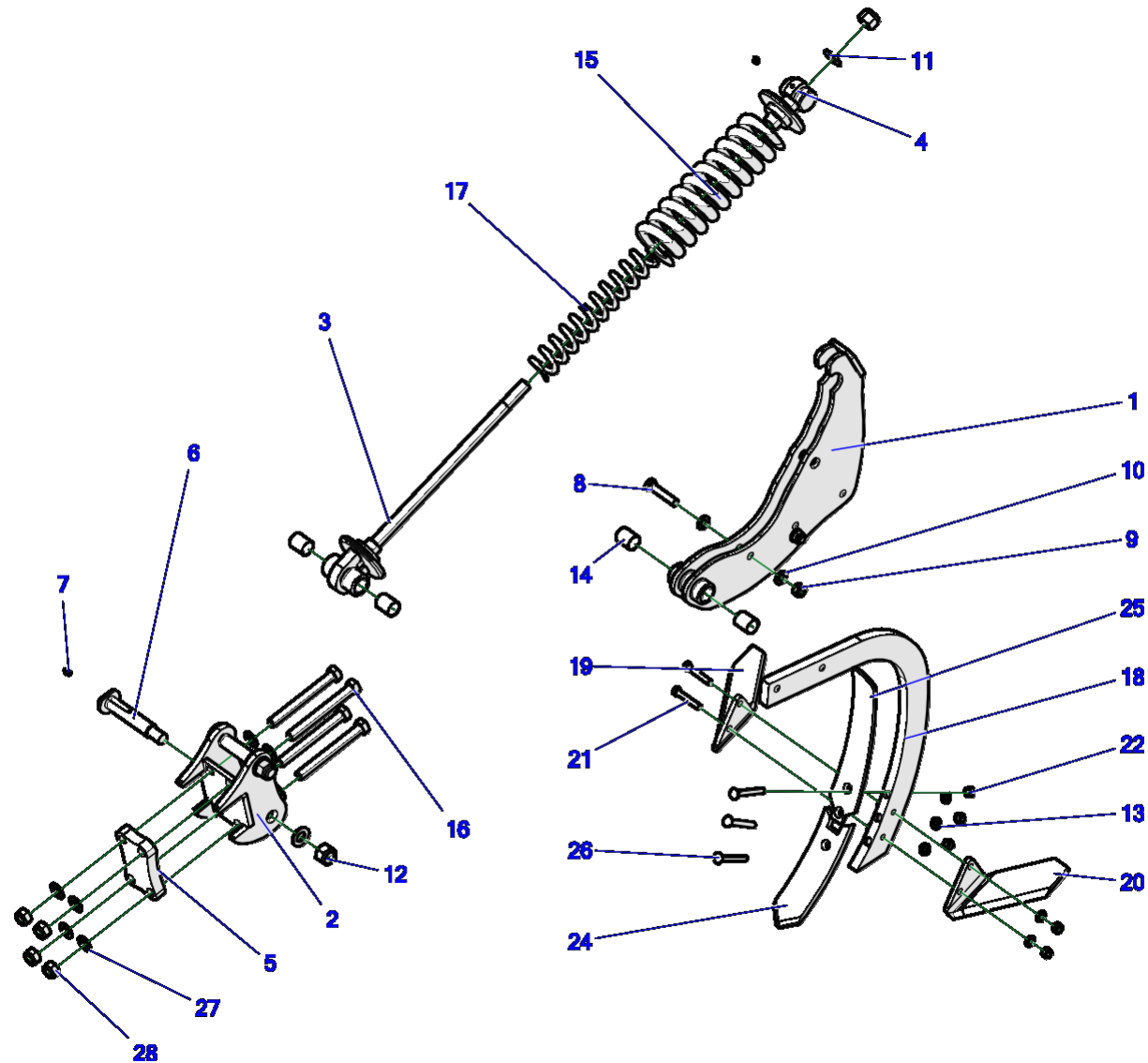


No.	Index	Name	Quantity
1	Tube 12x1.5 L-1200 + 2xpz + 2xn	Tube 12x1.5 L-1200 + 2xpz + 2xn	1
2	Tube 12x1.5 L-1150 + 2xpz + 2xn	Tube 12x1.5 L-1150 + 2xpz + 2xn	1
3	Tube 12x1.5 L-900 + 2xpz + 2 xn	Tube 12x1.5 L-900 + 2xpz + 2xn	8
4	A90A/211/10 L-450	Hydraulic hose A90A/211/10 L-450	8
5	U490 02.09.00	Welded actuator	3
6	AB/211/10 L-2000	Hydraulic cable AB/211/10 L-2000	2
7	AA90/211/10 L-1300	Hydraulic hose AA90/211/10 L-1300	4
8	AA/211/10 L-1500	Hydraulic hose AA/211/10 L-1500	2
9	AA/211/10 L-1400	Hydraulic hose AA/211/10 L-1400	2
10	24ZWNE13	EURO valve-plug cap 13 (green, yellow, blue, red)	2
11	24ZWE13-M18X1.5	EURO valve-plug 13 M18x1.5	2
12	POD-HZW-000038	Check valve, twin - controlled VBPDE 3/8" L 2 CEXC	4
13	24KP3/8 18	Straight connection 3/8x18-1.5 12LR	8
14	24UPPM16	Metal & rubber washer PPM 16 24x16	16
15	Tube 12x15 L-150 + Head P04 M18 fi 12	Tube 12x15 L-150 + Head P04 M18 fi 12	4
16	Tube 12x15 L140 + Head P04 M18 fi 12	Tube 12x15 L140 + Head P04 M18 fi 12	4
17	24SO16/1.5	Eye screw M16x1.5 15 L31	8

No.	Index	Name	Quantity
18	24KT18/18/18	T-coupling 18x18x18 12L	6
19	24KP18/18	Straight connector 18x18-1.5	14

*Hydraulic hoses are included in set NR.24-5 Stubble cultivator unit 4.2m

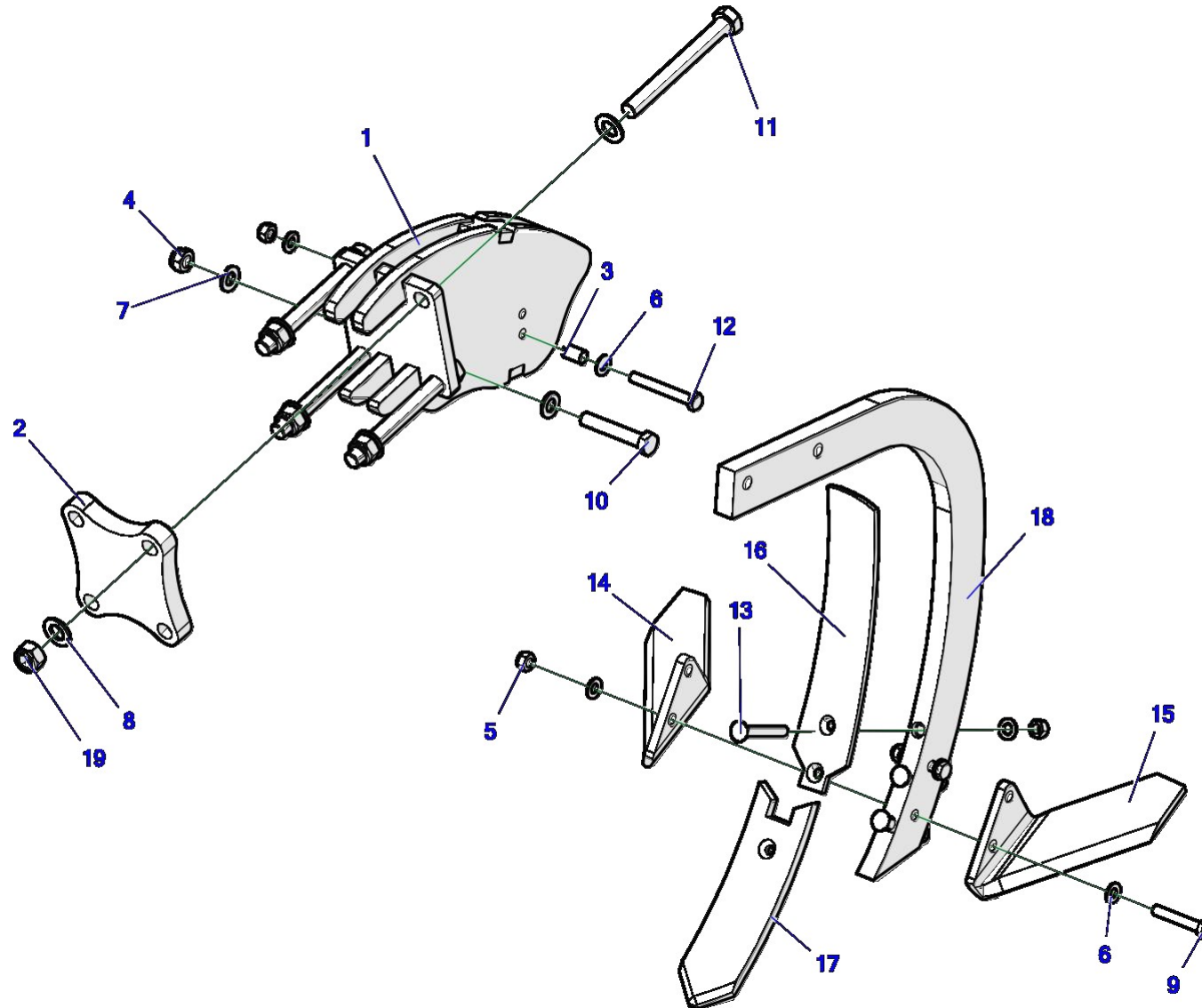
8. COULTER, COMPLETE, RIGHT/COULTER, COMPLETE, LEFT



No.	Index	Name	Quantity
1	U490 03.01.00	Coulter support	1
2	U490 03.02.00	Coulter mount	1
3	U490 03.03.00	Spring tension screw	1
4	U490 03.04.00	Spring tension	1
5	U490 03.00.01	Mounting plate	1
6	U490 03.00.02	Coulter pin	2
7	23SM8	Lubricating nipple M8x1,0 straight	3
8	23S16/75 5.8 82101 OC	Screw 16x75gal 5.8 82101 82101	2
9	23NS16OC	Nut, self-locking m16gal 82175 8 82175 8	2
10	23P16OOC	Round washer 16gal 82005 82005	4
11	23P24OC	Round washer 24gal 82005 82005	3
12	POD-ELZ-000399	Nut, self-locking M24 gal 8 82175	3
13	23P12OC	Round washer 12gal 82005	7
14	POD-LOZ-000218	Sleeve PAP 3040 P20	4
15	POD-SPR-000068	Compression spring 24/114/350/9 (AXT)	1
16	POD-ELZ-000660	Screw 20x180gal 8.8 82101	4
17	POD-SPR-000069	Compression spring 13/63/350/12.5 (AXT)	1
18	POD-OGL-000580	Plough beam - stubble cultivator	1
19	POD-OGL-000586	Side ploughshare 34060857P	1

No.	Index	Name	Quantity
20	POD-OGL-000585	Side ploughshare 34060856L	1
21	23S12/70OC 8.8	Screw 12x70gal 8.8 82101 82101	2
22	23NS12OC	Nut, self-locking m12gal 82175 8 82175 8	5
24	POD-OGL-000581	Point tip - stubble cultivator	1
25	POD-OGL-000583	Right plough beam guard - stubble cultivator	1
25*	POD-OGL-000582	Left plough beam guard - stubble cultivator	1
26	POD-ELZ-000688	Plough screw 12x90bl 10.9 82402	3
27	23P20OOC	Round washer 20gal 82005 82005	8
28	23NS20OC 82175	Nut, self-locking M20gal 82175 8 82175 8	4

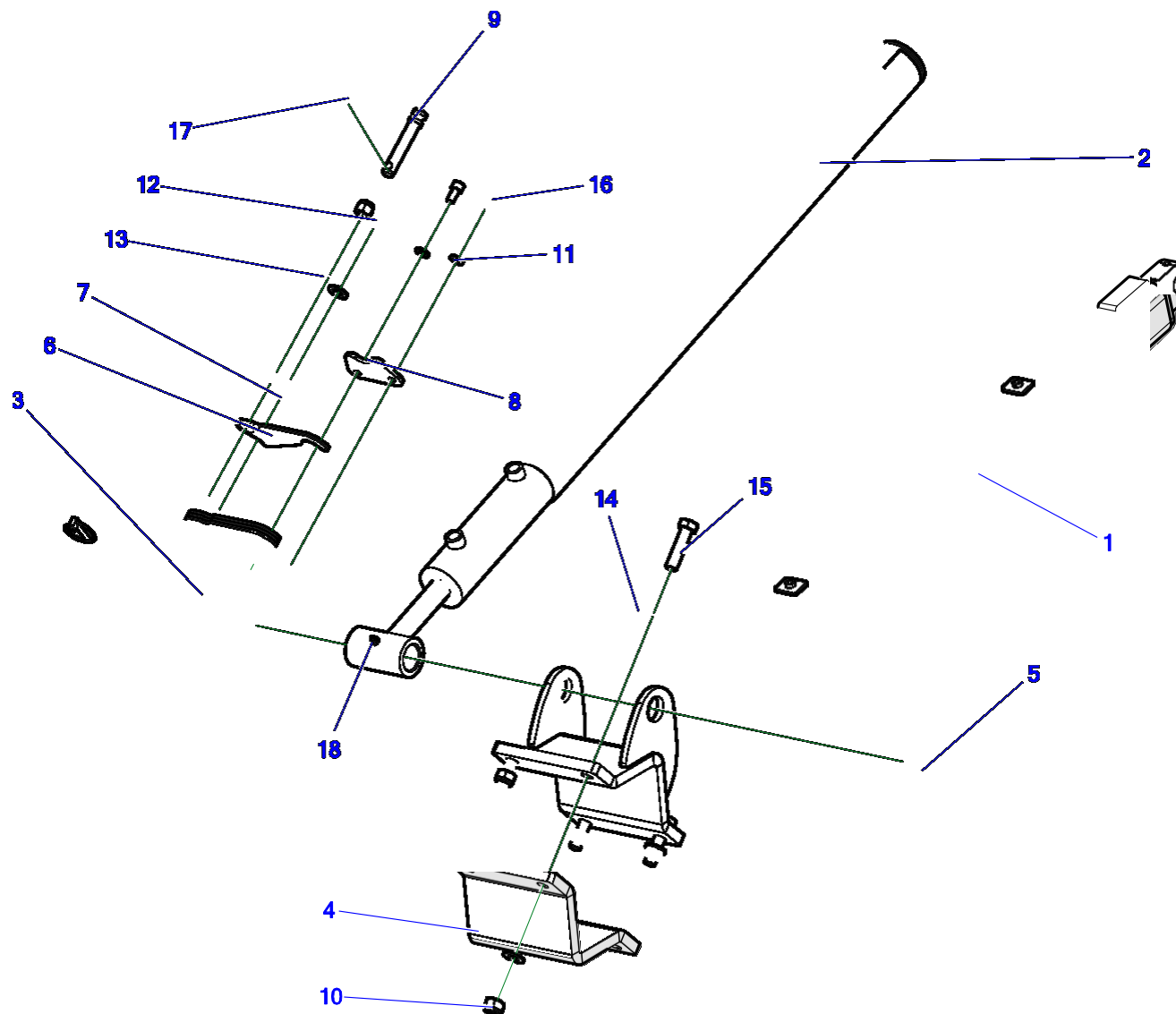
9. COULTER, COMPLETE, RIGHT/LEFT WITH SCREW PROTECTION



No.	Index	Name	Quantity
1	U490 03.05.00	Coulter mount	1
2	U490 03.00.03	Coulter mounting plate - screw protection	1
3	U490 03.00.04	Screw protection sleeve	1
4	23NS16OC	Nut, self-locking M16gal 82175 8 82175 8	1
5	23NS12OC	Nut, self-locking m12gal 82175 8 82175 8	6
6	23P12OC	Round washer 12gal 82005	9
7	23P16OOC	Round washer 16gal 82005 82005	2
8	23P20OOC	Round washer 20gal 82005 82005	8
9	23S12/70OC 8.8	Screw 12x70gal 8.8 82101 82101	2
10	POD-ELZ-000724	Screw 16x90gal 12.9 82101	1
11	POD-ELZ-000660	Screw 20x180gal 8.8 82101	4
12	POD-ELZ-000725	Bolt 12x90gal 10.9 82101	1
13	POD-ELZ-000688	Plough screw 12x90bl 10.9 82402	3
14	POD-OGL-000586	Side ploughshare 34060857P	1
15	POD-OGL-000585	Side ploughshare 34060856L	1
16	POD-OGL-000583	Right plough beam guard - stubble cultivator	1
16*	POD-OGL-000582	Left plough beam guard - stubble cultivator	
17	POD-OGL-000581	Point tip - stubble cultivator	1

No.	Index	Name	Quantity
18	POD-OGL-000580	Plough beam - stubble cultivator	1
19	23NS20OC 82175	Nut, self-locking M20gal 82175 8 82175 8	4

10. SHAFT MOUNT, SET



No.	Index	Name	Quantity
1	U490 02.02.00	Shaft mount	1
2	U490 02.09.00	Welded actuator	1
3	U490 02.05.00	Actuator lock, left	1
4	U490 02.02.02M	Cap	1
5	U490 02.00.01	Cylinder pin	1
6	U490 02.00.04	Actuator adjustment plate	9
7	U490 02.00.05	Adjustment plate press	1
8	U490 02.00.03	Shaft actuator limiter	1
9	U490 02.00.02	Shaft adjusting pin	1
10	23NS16OC	Nut, self-locking M16gal 82175 8 82175 8	4
11	23P10 82005	Round washer 10gal 82005 82005	2
12	23NS14OC	Nut, self-locking m14gal 82175 8 82175 8	2
13	23P14OC	Round washer 14gal 82005 82005	2
14	23P16OOC	Round washer 16gal 82005 82005	8
15	23S16/60 8.8 82101 OC	Screw 16x60gal 8.8 82101 82101	4
16	POD-ELZ-000044-1	Allen bolt 10x20gal 8.8 82302	2
17	23PR8	Cotter pin with a ring 8	2
18	23SM8	Lubricating nipple M8x1,0 straight	1

NOTES

A series of horizontal dotted lines for taking notes.

[illegible]

This image shows a full page of a handwriting practice worksheet. It consists of multiple rows of horizontal dashed lines spaced evenly apart, providing a guide for letter height and placement. The background is plain white, and there are no other markings or text on the page.

A large rectangular area consisting of 25 horizontal dotted lines, intended for handwritten notes or a list of parts.



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Original spare parts are available from authorised dealers, both in Poland and abroad, and also at the Metal-Fach retail outlet.

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