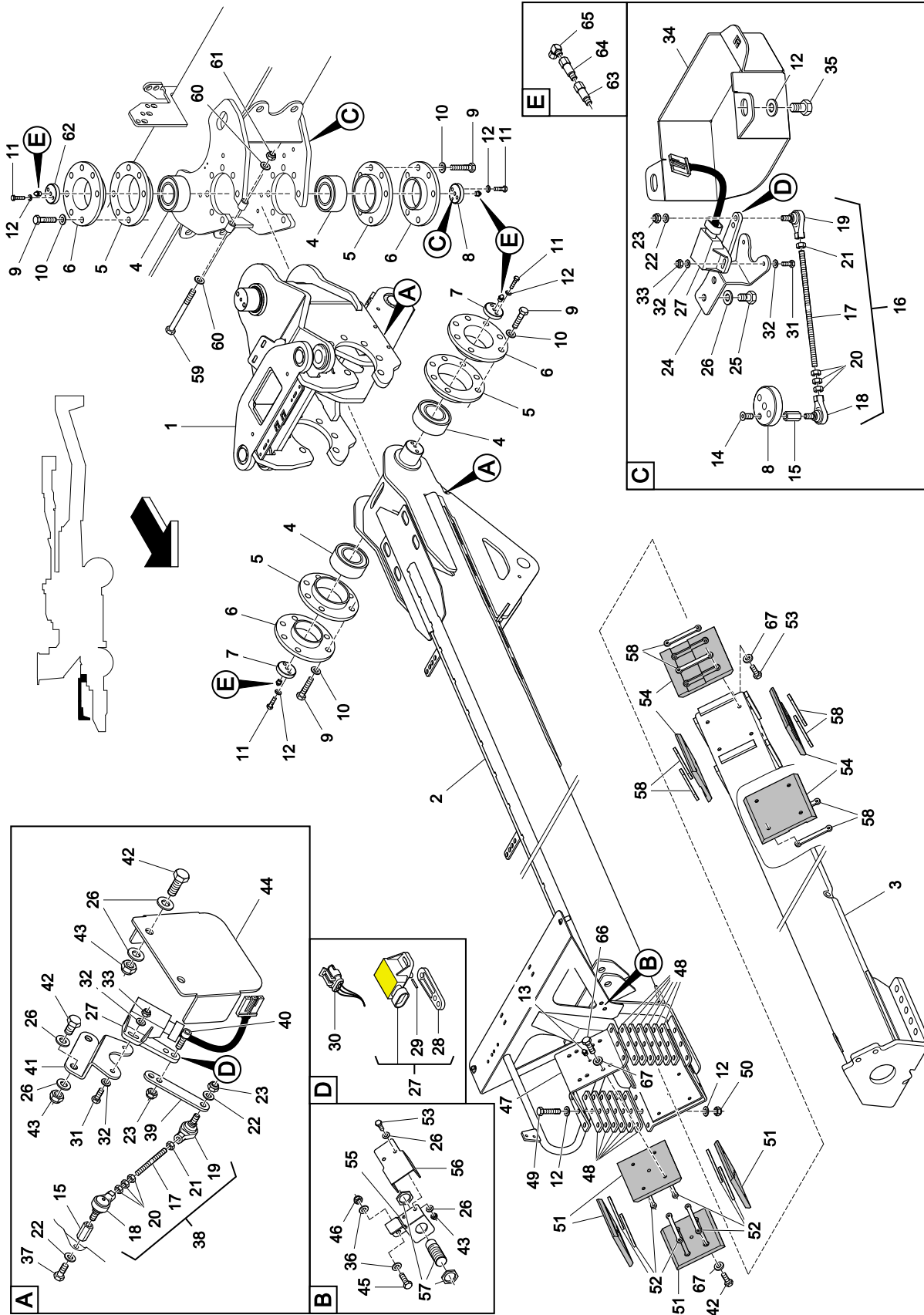




ROPA Maus 6

Pile pickup

E9122080 - 02.01 - Mounting - pile pickup





ROPA Maus 6

Pile pickup

E9122080 - 02.01 - Mounting - pile pickup

Position	Number	Name	Description
1	100231601	bearing pipe, pile pickup left/right, e-M4 e-M4, RM5, RM6	bis Fg.Nr. 8P****
1	100231611	Lagerrohr Mietenabräumer e-M4, RM5, RM6 2024-	ab Fg.Nr. 8R****
2	100231701	outer pipe, pile pickup in/out, e-M4 e-M4, RM5	
3	100231801	inner pipe, pile pickup in/out, e-M4 e-M4, RM5, RM6	
4	240001000	spherical plain bearing GE 60 DO 2 RS GE 60 DO 2 RS	
5	110033004	bearing flange lift arm /stack remover	
6	110033804	cover bearing flange (lift arm /stack remover)	
7	110032904	disc bearing cover (lift arm /stack remover)	
8	100139704	disc bearing cover (only stack remover down	
9	414009900	M 20*50 hexagon bolt D 933 steel 8.8 ZN M20* 50 DIN933, Stahl 8.8 ZN	
10	418011100	safety washer ø20 Zn ø 20 ZN	
11	414005600	M 12*30 hexagon bolt D 933 steel 8.8 ZN M12* 30 DIN933, Stahl 8.8 ZN	
12	418000400	washer ø 13 D 125 Zn ø 13 DIN125 A Stahl ZN	
13	412002300	grease nipple H1 M 8*1 M 8*1	
14	414063700	M 6*16 countersunk screw D 7991 steel 8.8 Zn M 6* 16 ISO10642, Stahl 8.8 ZN	
15	414092800	M 6 *20 long nut steel 5.8 Zn M 6, Stahl 5.8 ZN 20 mm	
16	860092900	threaded tree rod pre-assembled, 150 mm, 0° twisted(17 - 21) = 16	
17	100233800	threaded tree rod M 6 l/r 120mm M 6* 120 l/r	
18	210000600	angle joint M6 right M 6	
19	210000700	angle joint M6 left M 6	
20	414031100	M 6 hexagon nut D 934 steel 8 ZN M 6 DIN934, Stahl 8 ZN	
21	414086500	M 6 hexagon nut D 934 left steel 8 M 6 DIN934, Stahl 8 ZN	
22	418000100	washer ø 6.4 D 125 Zn ø 6,4 DIN125 A Stahl ZN	
23	414034700	StM 6 lock nut D 985 steel 8 Zn M 6 DIN985, Stahl 8 ZN	
24	100233004	potentiometer holder, pile pickup left/right ZN	
25	414001700	M 8*16 hexagon bolt D 933 steel 8.8 ZN M 8* 16 DIN933, Stahl 8.8 ZN	
26	418000200	washer ø 8.4 D 125 Zn ø 8,4 DIN125 A Stahl ZN	
27	320089100	Winkelgeber 4-20 mA, +37,5°, 10-30V	(27 - 29) = 27
28	320062500	operating lever for angle transmitter 320602	



ROPA Maus 6

Pile pickup

E9122080 - 02.01 - Mounting - pile pickup

Position	Number	Name	Description
29	412064300	roll pin 2*14 D 1481 2* 14 DIN1481	
30	322025400	connector 3 way AMP Superseal 1.5 sleeve contact AMP Superseal 1,5	
31	414089400	M 4*16 hexagon bolt D 933 steel 8.8 ZN M 4* 16 DIN933, Stahl 8.8 ZN	
32	418006700	washer ø 4.3 D 125 steel Zn ø 4,3 DIN125 A Stahl ZN	
33	414045300	StM 4 lock nut D 985 steel 8 Zn M 4 DIN985, Stahl 8 ZN	
34	100233101	potentiometer cover, pile pickup left/right	
35	414005400	M 12*20 hexagon bolt D 933 steel 8.8 ZN M12* 20 DIN933, Stahl 8.8 ZN	
36	418000300	washer ø 10.5 D 125 Zn ø 10,5 DIN125 A Stahl ZN	
37	414000300	M 6*20 hexagon bolt D 933 steel 8.8 ZN M 6* 20 DIN933, Stahl 8.8 ZN	
38	860099100	threaded tree rod pre-assembled, 150 mm, 180° twisted	(17 - 21) = 38
39	120338300	lever extension for potentiometer (+ 55mm hole distance) + 55 mm	
40	414098700	M 6*16 socket head screw D 6912 steel 8.8 Zn M 6* 16 DIN6912, Stahl 8.8 ZN	
41	100232704	potentiometer holder, pile pickup up/down ZN	
42	414002000	M 8*30 hexagon bolt D 933 steel 8.8 ZN M 8* 30 DIN933, Stahl 8.8 ZN	
43	414034800	StM 8 lock nut D 985 steel 8 ZN M 8 DIN985, Stahl 8 ZN	
44	100232801	potentiometer cover, pile pickup up/down	
45	414003500	M 10*25 hexagon bolt D 933 steel 8.8 ZN M10* 25 DIN933, Stahl 8.8 ZN	
46	414034900	StM 10 lock nut D 985 steel 8 ZN M10 DIN985, Stahl 8 ZN	
47	100232101	clamping shell, top e-M4	
48	100233504	distance plate, 1mm, pile pickup 30* 152* 1	nach Bedarf - Standard 6mm
49	414005800	M 12*40 hexagon bolt D 933 steel 8.8 ZN M12* 40 DIN933, Stahl 8.8 ZN	
50	414035000	StM 12 lock nut D 985 steel 8 ZN M12 DIN985, Stahl 8 ZN	
51	100308600	Polyamidführung 155* 155* 14mm	
52	100232404	threaded strip M8, ZN e-M4 M 8 ZN	
53	414001800	M 8*20 hexagon bolt D 933 steel 8.8 ZN M 8* 20 DIN933, Stahl 8.8 ZN	
54	100232200	polyamide guidance, inner tube e-M4	
55	100278801	holder, pile pickup ultrasonic sensor e-M4	
56	100278901	Cover	

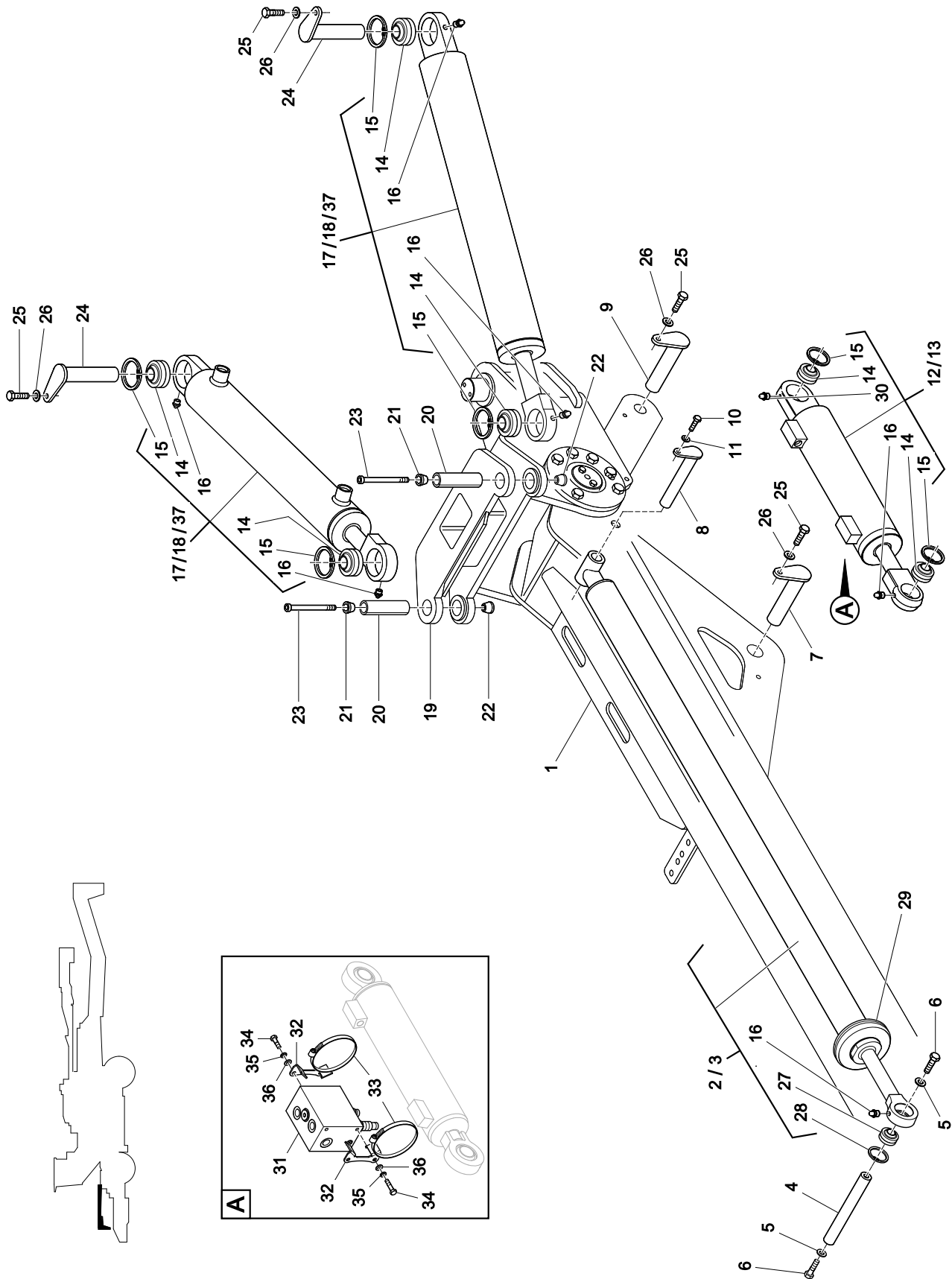


ROPA Maus 6

Pile pickup

E9122080 - 02.01 - Mounting - pile pickup

Position	Number	Name	Description
57	320078500	ultrasonic sensor 0.5-8.0 Volt, MIC-130..., connection M12*1 0.5-8.0 V, 200-2500mm, M30, mic-130/IU/M ROP	
58	100296804	Gewindeleiste M 8 ZN	
59	414020400	M 16*190 hexagon bolt D 931 steel 8.8 ZN M16*190 DIN931, Stahl 8.8 ZN	
60	418000600	washer ø 17 D 125 steel Zn ø 17 DIN125 A Stahl ZN	
61	414035200	StM 16 lock nut D 985 steel 8 ZN M16 DIN985, Stahl 8 ZN	
62	100331004	Scheibe mit Ansatz ø 70*10	
63	360002300	extension M 8*1k - M 10*1 18mm M 8*1k - M 10*1 - 18mm	
64	360007800	extension M 10*1k - M 10*1 18mm M 10*1k - M 10*1 - 18mm	
65	360001900	angle -screwing WE 6 M 10*1k 6 LLM 10*1 keg	
66	414001900	M 8*25 hexagon bolt D 933 steel 8.8 ZN M 8* 25 DIN933, Stahl 8.8 ZN	
67	418002600	washer ø 8.4 D 7349 steel Zn ø 8,4 DIN7349 Stahl ZN	dicke Scheibe





ROPA Maus 6

Pile pickup

E9122081 - 02.02 - Hydraulic cylinder - pile pickup

Position	Number	Name	Description
1	100231701	outer pipe, pile pickup in/out, e-M4 e-M4, RM5	
2	276023701	hydraulic cylinder/pile pickup in/out 60*35*2150 60*35*2150, spezial	
3	276076000	sealing set cpl. for cyl, 60*35 60*35	
4	100232500	bolt ø25 e-M4 ø 25* 139	
5	418001500	washer ø 11 D 440 steel Zn ø 11 DIN440 Stahl ZN	
6	414081500	M 10*16 hexagon bolt D 933 steel 8.8 ZN M10* 16 DIN933, Stahl 8.8 ZN	
7	100203401	bolt ø 35 142mm NL with clip e-M2, e-M3, e-M4 ø 35* 142/ 150	
8	100232901	bolt ø20 pile pickup in/out ø 25* 173/ 186	
9	100233901	bolt ø 35 150mm NL with clip ø 35 154/ 162	
10	414005400	M 12*20 hexagon bolt D 933 steel 8.8 ZN M12* 20 DIN933, Stahl 8.8 ZN	
11	418000400	washer ø 13 D 125 Zn ø 13 DIN125 A Stahl ZN	
12	276023801	hydraulic cylinder/pile pickup up/down 90*40*220 90*40*220, GE35==GE35, EL525	
13	276075300	sealing set cpl. for cyl, 90*40 90*40 System Greipl	
14	240024000	spherical plain bearing GE 35 FO 2 RS GE 35 FO 2 RS	
15	412006500	snap ring J 62 D 472 J 62 DIN472	
16	412002300	grease nipple H1 M 8*1 M 8*1	
17	276023901	hydraulic cylinder/pile pickup right/left 70*35*404 e- M4 70*35*404, GE35==GE35, EL693	
18	276076500	sealing set cpl. for cyl, 70*35 70*35	
19	100231601	bearing pipe, pile pickup left/right, e-M4 e-M4, RM5, RM6	bis Fg.Nr. 8P****
19	100231611	Lagerrohr Mietenabräumer e-M4, RM5, RM6 2024-	ab Fg.Nr. 8R****
20	100233200	clamping sleeve for pile pickup 1:10, ø 35, 88 mm	
21	120448500	cone bushing for share-body 1:10, 30,5 mm	
22	100273900	cone bushing for pile pickup with thread M10x1 1:10, 34,9 mm, M10x1	
23	415002200	M 10*1*80 socket head screw D 912 steel 12.9 M10* 1* 80 DIN912, Stahl 12.9	
24	100209501	bolt ø 35 92mm NL with clip, e-M3 from constr. year 2007 ø 35* 92/ 100	
25	414003400	M 10*20 hexagon bolt D 933 steel 8.8 ZN M10* 20 DIN933, Stahl 8.8 ZN	
26	418000300	washer ø 10.5 D 125 Zn ø 10,5 DIN125 A Stahl ZN	
27	240002000	Spherical plain bearing GE 25 FO 2 RS GE 25 FO 2 RS	
28	412024200	snap ring J 47 D 472 J 47 DIN472	

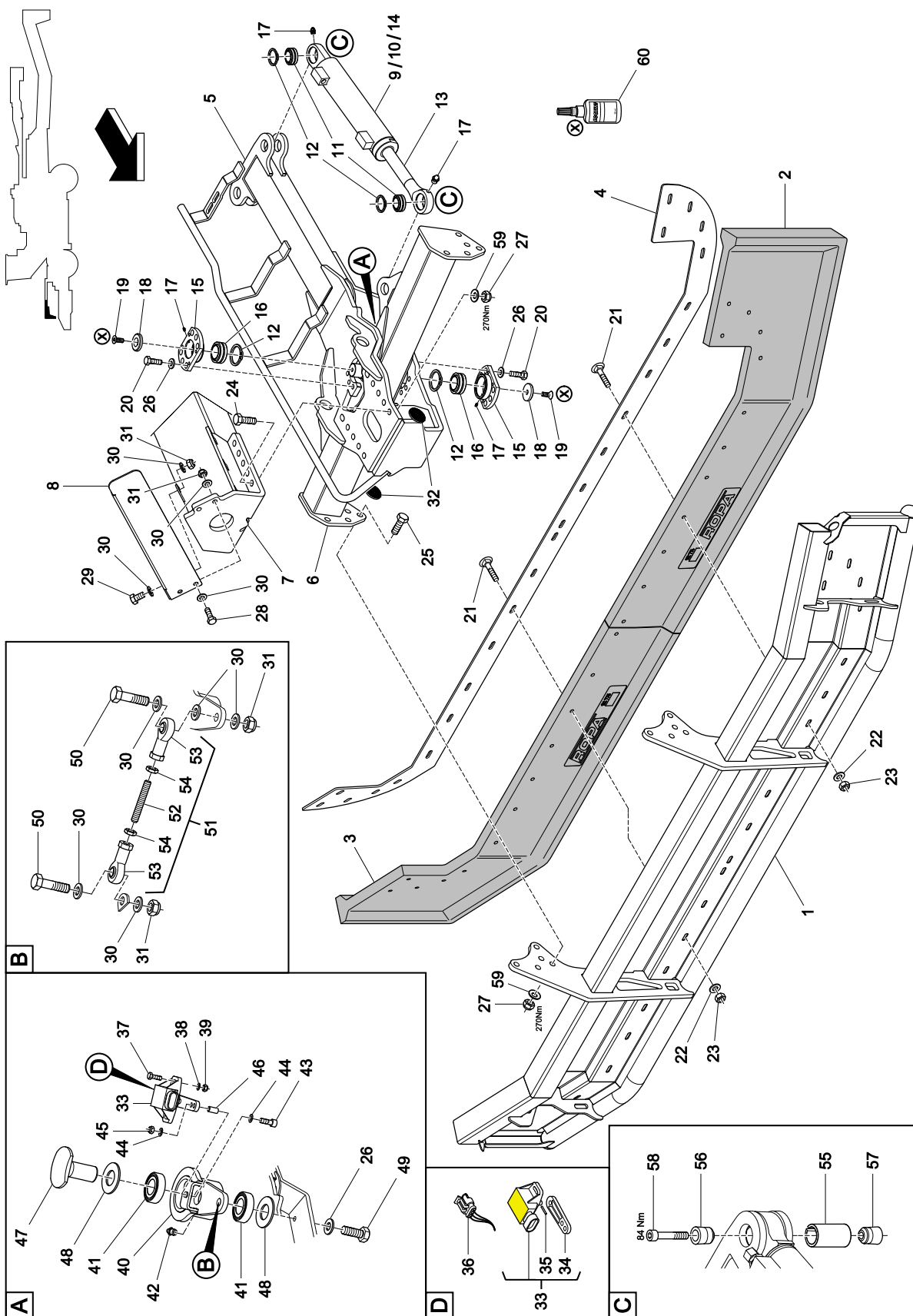


ROPA Maus 6

Pile pickup

E9122081 - 02.02 - Hydraulic cylinder - pile pickup

Position	Number	Name	Description
29	100232600	guide washer, cylinder e-M4 ø 69,5*ø128* 35	
30	412002700	grease nipple H2 M8*1 M 8*1	
31	270062200	Steuerblock Mietenabräumer CBCA LHN, PPDB LAN, RVGG08 e-M4, RM5/6, 2010-	
32	100243404	Halterung Ventilblock ZN	
33	412018700	hose clip 90-110 Zn 90 - 110, 12 mm breit, ZN	
34	414001700	M 8*16 hexagon bolt D 933 steel 8.8 ZN M 8* 16 DIN933, Stahl 8.8 ZN	
35	418004300	spring lock washer A8 D 127 spring steel Zn A 8 DIN127 A, ZN	
36	418000200	washer ø 8.4 D 125 Zn ø 8,4 DIN125 A Stahl ZN	
37	276091500	Kolbenstange ø 35	





ROPA Maus 6

Pile pickup

E9122082 - 02.03 - Residual beet pickup

Position	Number	Name	Description
1	100346601	Restrübenaufnehmer e-M4, RM5	
2	100277400	left PU plate, residual beet pickup 2011- e-M4 e-M4, RM5, RM6	
3	100277500	right PU plate, residual beet pickup 2011- e-M4 e-M4, RM5, RM6	
4	100278601	rubber opposite support for residual beet pickup, e-M4 2011-	
5	100308401	Haltearm Restrübenaufnehmer	
6	100308301	Querrohr	
7	100231801	inner pipe, pile pickup in/out, e-M4 e-M4, RM5, RM6	
8	100278701	reflector plate for pile pickup e-M4	
9	276025401	Hydraulikzylinder 50*25*350, GE35==GE35, EL600	
10	276075800	sealing set cpl. for cyl, 50*25 50*25	
11	240024000	spherical plain bearing GE 35 FO 2 RS GE 35 FO 2 RS	
12	412006500	snap ring J 62 D 472 J 62 DIN472	
13	276079900	Kolbenstange ø 25	
14	276080300	Stangenführung 50*25	
15	100308504	Lagergehäuse	
16	240002300	spherical plain bearing GE 40 DO 2 RS GE 40 DO 2 RS	
17	412002300	grease nipple H1 M 8*1 M 8*1	
18	100308704	Scheibe 90° Senkung ø 55* ø 13* 8	
19	414076600	M 12*30 countersunk screw D 7991 steel 10.9 M12* 30 ISO10642, ZN Stahl 10.9	
20	414008300	M 16*35 hexagon bolt D 933 steel 8.8 ZN M16* 35 DIN933, Stahl 8.8 ZN	
21	414068800	M 10*55 mushroom head square neck bolt D 603 steel Zn M10* 55 DIN603, Stahl 8.8 ZN	
22	418000300	washer ø 10.5 D 125 Zn ø 10,5 DIN125 A Stahl ZN	
23	414034900	StM 10 lock nut D 985 steel 8 ZN M10 DIN985, Stahl 8 ZN	
24	415073800	Sechskantschraube M16* 55 DIN933, ZN Stahl 10.9	
25	414031900	M 16*50 hexagon bolt D 933 10.9 Zn M16* 50 DIN933, ZN Stahl 10.9	
26	418000600	washer ø 17 D 125 steel Zn ø 17 DIN125 A Stahl ZN	
27	414035900	StM 16 lock nut D 985 steel 10 ZN M16 DIN985, Stahl 10 ZN	
28	414005800	M 12*40 hexagon bolt D 933 steel 8.8 ZN M12* 40 DIN933, Stahl 8.8 ZN	
29	414005600	M 12*30 hexagon bolt D 933 steel 8.8 ZN M12* 30 DIN933, Stahl 8.8 ZN	



ROPA Maus 6

Pile pickup

E9122082 - 02.03 - Residual beet pickup

Position	Number	Name	Description
30	418000400	washer ø 13 D 125 Zn ø 13 DIN125 A Stahl ZN	
31	414035000	StM 12 lock nut D 985 steel 8 ZN M12 DIN985, Stahl 8 ZN	
32	320023900	side reflector drilling, ø 6.5 adhesive ø 60	
33	320089100	Winkelgeber 4-20 mA, +-37,5°, 10-30V	(33 - 35) = 33
34	320062500	operating lever for angle transmitter 320602	
35	412064300	roll pin 2*14 D 1481 2* 14 DIN1481	
36	322025400	connector 3 way AMP Superseal 1.5 sleeve contact AMP Superseal 1,5	
37	415001800	M 4*20 hexagon bolt D 933 steel 8.8 ZN M 4* 20 DIN933, Stahl 8.8 ZN	
38	418006700	washer ø 4.3 D 125 steel Zn ø 4,3 DIN125 A Stahl ZN	
39	414045300	StM 4 lock nut D 985 steel 8 Zn M 4 DIN985, Stahl 8 ZN	
40	100292701	steering lever residual beet pickup turn e-M4	
41	240013600	bearing 6005 1 RS 6005 1 RS	
42	412002300	grease nipple H1 M 8*1 M 8*1	
43	414025500	M 6*30 socket head screw D 912 steel 8.8 ZN M 6* 30 DIN912, Stahl 8.8 ZN	
44	418000100	washer ø 6.4 D 125 Zn ø 6,4 DIN125 A Stahl ZN	
45	414034700	StM 6 lock nut D 985 steel 8 Zn M 6 DIN985, Stahl 8 ZN	
46	120189600	distance tube 6*8 15mm ø 6*ø 8* 15	
47	100292801	bolt residual beet pickup turn e-M4	
48	412044600	shim ring 25*35*0.5 D 988 25* 35*0,5 DIN988	
49	414008500	M 16*45 hexagon bolt D 933 steel 8.8 ZN M16* 45 DIN933, Stahl 8.8 ZN	
50	414005900	M 12*45 hexagon bolt D 933 steel 8.8 ZN M12* 45 DIN933, Stahl 8.8 ZN	
51	861014100	Gewindestange v-mont., 118 mm, 0° verdreht, M12	(52 - 54) = 51
52	100292900	Threaded rod M12 50mm M 12* 50	
53	210004700	joint head M 12 M 12	
54	414036700	FIM 12 thin nut D 439 steel Zn M12 DIN439, Stahl ZN	
55	120448400	clamping sleeve for shares 1:10, ø 35, 62 mm	
56	120448500	cone bushing for share-body 1:10, 30,5 mm	
57	120448600	cone bushing for share-body threaded M10x1 1:10, 30,5 mm, M10x1	
58	414096800	M 10*1*50 socket head screw D 912 steel 12.9 M10* 1* 50 DIN912, Stahl 12.9	

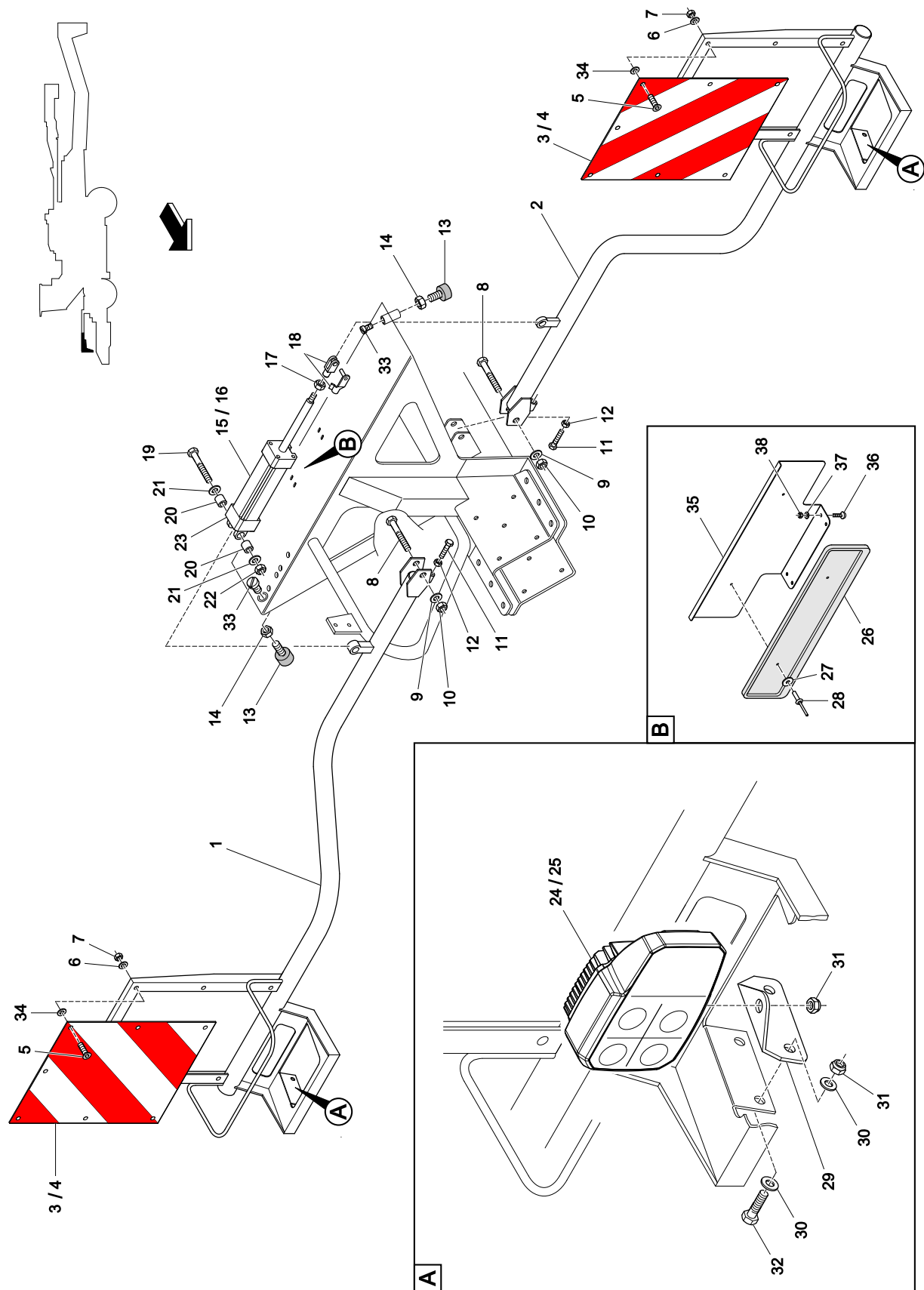


ROPA Maus 6

Pile pickup

E9122082 - 02.03 - Residual beet pickup

Position	Number	Name	Description
59	418012600	Disk ø 16 Stahl Dacromet	
60	017000900	Loctite 243 50 ml medium strength 243 - 50 ml	





ROPA Maus 6

Pile pickup

E9122083 - 02.04 - Warning sign bracket with

Position	Number	Name	Description
1	100277901	right warning sign holder e-M4 2011-	
2	100277801	left warning sign holder e-M4 2011-	
3	355003700	warning sign 422 x 422 mm DIN 11030	
4	355012600	film, black mat paint	
5	414054000	M 6*16 fillister head screw steel 10.9 ZN with flange c M 6* 16 ISO7380-2, ZN Stahl 10.9	
6	418007700	washer ø 6.4 D 9021 steel Zn ø 6,4 DIN9021 Stahl ZN	
7	414034700	StM 6 lock nut D 985 steel 8 Zn M 6 DIN985, Stahl 8 ZN	
8	414021200	M 20*90 hexagon bolt D 931 steel 8.8 ZN M20* 90 DIN931, Stahl 8.8 ZN	
9	418000700	washer ø 21 D 125 steel Zn ø 21 DIN125 A Stahl ZN	
10	414035300	StM 20 lock nut D 985 steel 8 ZN M20 DIN985, Stahl 8 ZN	
11	414005900	M 12*45 hexagon bolt D 933 steel 8.8 ZN M12* 45 DIN933, Stahl 8.8 ZN	
12	414031400	M 12 hexagon nut D 934 steel 8 ZN M12 DIN934, Stahl 8 ZN	
13	248001800	circular buffer M 8, ø 30, 20 height, external thread e ø 30 - 20 lg - M8	
14	414031200	M 8 hexagon nut D 934 steel 8 ZN M 8 DIN934, Stahl 8 ZN	
15	264006800	Zylinder XL 63-250	ersetzt durch 264006810
15	264006810	Zylinder SLX 63-250	
16	264006900	Gasket set cylinder Airtec XL 63 Airtec XL 63	für 264006800
16	.	.	für 264006810
17	414055400	FIM 16*1.5 thin nut D 936 steel 17H ZN M16* 1,5 DIN936, Stahl 17H ZN	
18	264000600	yoke head M 16*32*1.5 with ES-bolt M 16* 1,5 *32 ZN	
19	414019400	M 16*95 hexagon bolt D 931 steel 8.8 ZN M16* 95 DIN931, Stahl 8.8 ZN	
20	100285104	distance ring 17*25 13lg, ZN ø 17*ø 25* 13 ZN	
21	418000600	washer ø 17 D 125 steel Zn ø 17 DIN125 A Stahl ZN	
22	414035200	StM 16 lock nut D 985 steel 8 ZN M16 DIN985, Stahl 8 ZN	
23	264005600	swivel fixing TC-63 TC 63	
24	320101400	Scheinwerfer rechts Hella C140 LED 12/24V	
25	320101500	Scheinwerfer links Hella C140 LED 12/24V	
26	212005800	License plate holder KFZ, ROPA e-T, RT, RP, e-M, RM	
27	418006100	washer ø 5.5 D 440 Zn ø 5,5 DIN440 Stahl ZN	



ROPA Maus 6

Pile pickup

E9122083 - 02.04 - Warning sign bracket with

Position	Number	Name	Description
28	414065100	blind rivet with mushroom head 5.0*14 alloy 5,0* 14 DIN7337, Alu	
29	120091100	headlight holder (on flail)	
30	418000300	washer ø 10.5 D 125 Zn ø 10,5 DIN125 A Stahl ZN	
31	414034900	StM 10 lock nut D 985 steel 8 ZN M10 DIN985, Stahl 8 ZN	
32	414003500	M 10*25 hexagon bolt D 933 steel 8.8 ZN M10* 25 DIN933, Stahl 8.8 ZN	
33	414070800	M 8*16 fillister head screw steel 10.9 ZN with flange M 8* 16 ISO7380-2, ZN Stahl 10.9	
34	418009600	washer ø 8.4 D 125 polyamide ø 8,4 DIN125 Polyamid	nach Bedarf
35	100272001	number plate holder on pile pickup e-M4, RM5, RM6	
36	414054000	M 6*16 fillister head screw steel 10.9 ZN with flange c M 6* 16 ISO7380-2, ZN Stahl 10.9	
37	418000100	washer ø 6.4 D 125 Zn ø 6,4 DIN125 A Stahl ZN	
38	414034700	StM 6 lock nut D 985 steel 8 Zn M 6 DIN985, Stahl 8 ZN	