

STAMA-HTF



Spare Parts Ersatzteile Reservedele Multi EL 2017



GMR Maskiner a/s
Saturnvej 17
8700 Horsens
Danmark

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GMR
Care for the ground



STAMA-HTF

STENSALLE

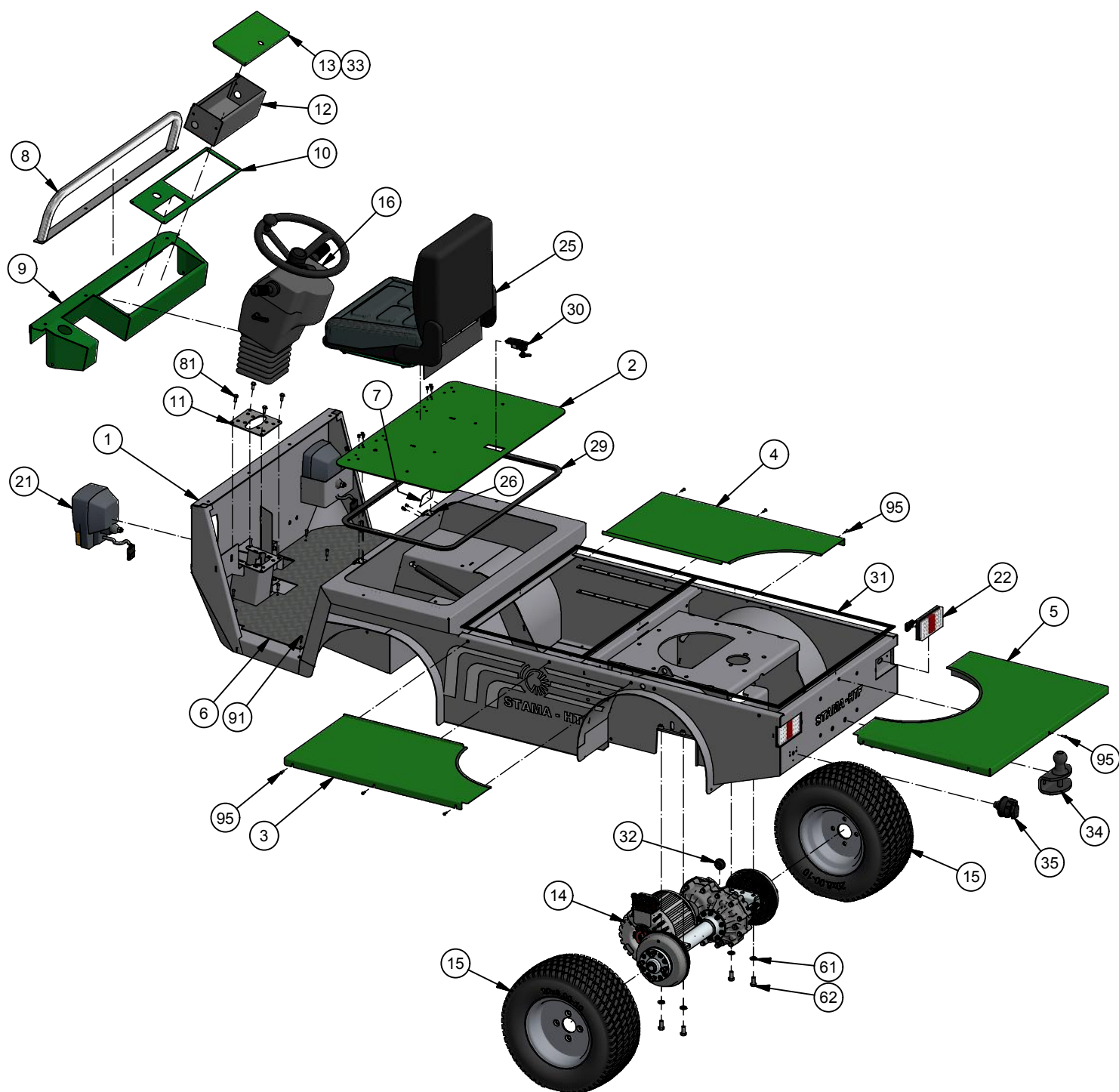
NESBO

WWW.GMR.DK

STAMA-HTF



Multi EL 2017



Multi EL 48/12V 2017

Partno 78-202-502 - 22/11-2016



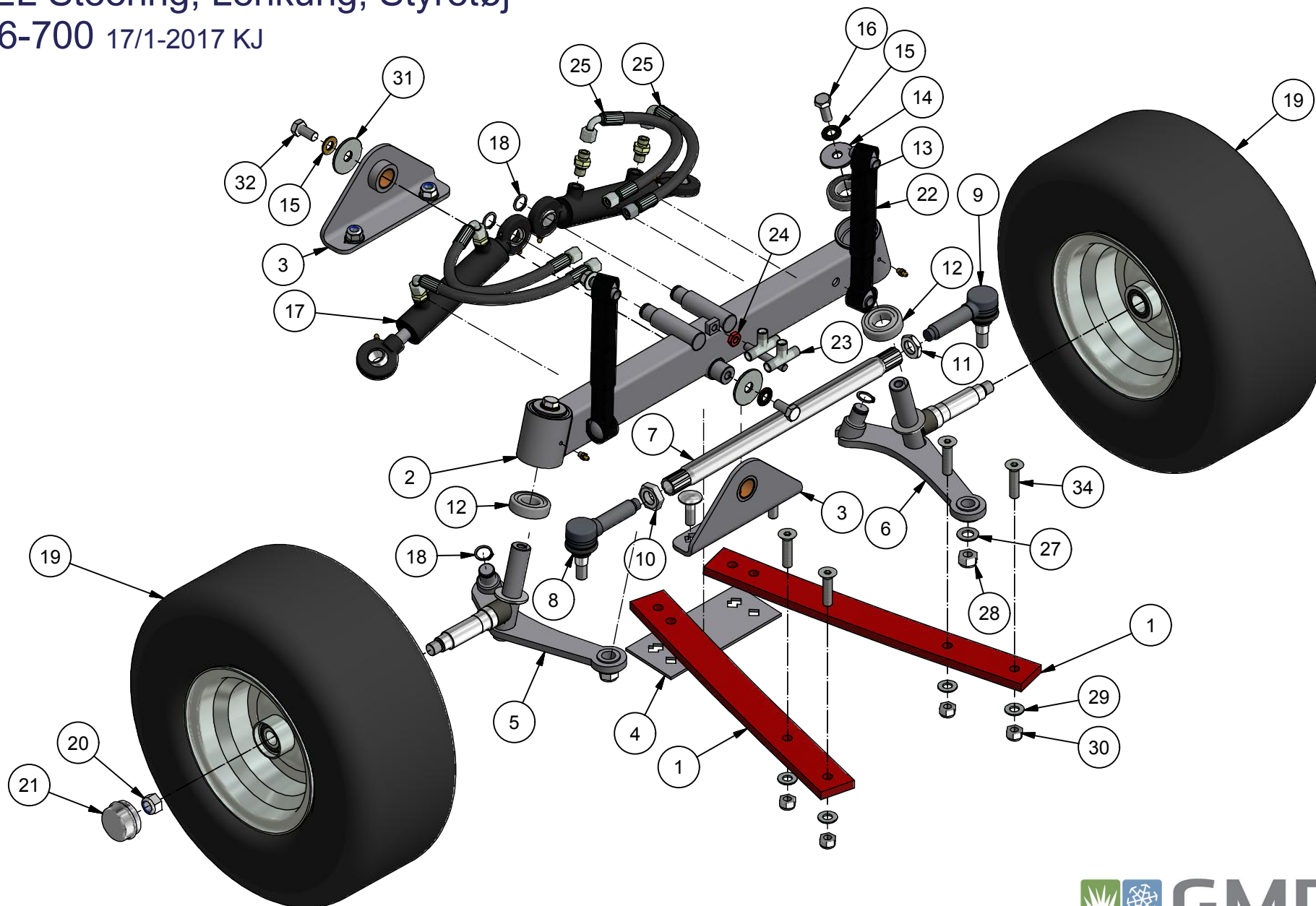
Pos.	Description	Pcs	Sparepartno	Note
1	Chassis	1	78-601-100	
2	Lid under seat	1	78-601-150	
3	Battery cover	1	78-601-141	L
4	Battery cover	1	78-601-142	R
5	Hydraulics cover	1	78-601-143	
6	Floor	1	78-601-147	
7	Type plate	1	78-601-149	
8	Handle	1	78-601-225	
9	Dashboard	1	78-601-230	
10	Dashboard plate	1	78-601-235	
11	Plate for steering unit	1	78-305-701	
12	Glove compartment	1	022-000-012	
13	Compartment lid	1	022-000-056	
14	Transaxle TX2	1	2016-0006	4 kW 48V AC
15	Rear Wheel	2	TT.1020800-01	20x8.00-10 ET+5
16	Steering column	1	MT00-1177	-2017
			2017-0028	2018-
21	Frontlight with connector	2	78-410-215	
22	Rearlight with connector	2	78-301-120	
25	Seat with seatswitch	1	78-601-680	
26	Hinge	2	63.05342	
27	Gas spring	1	223-400-02	
28	Angle joint	2	1100-101006	
29	Edge rubber list	2,7 m	009-100-052	
30	Shutter	1	100047157	
31	Rubber list	5,1 m	36.721504	
32	Rubber plug	1	010-310-103	40x29,5x5
33	Lock with key	1	100041556	
34	Hitch	1	77-801-762	Option
35	Trailer connector socket	1	77-801-770	Option

STAMA-HTF



Multi EL Steering, Lenkung, Styretøj

78-606-700 17/1-2017 KJ



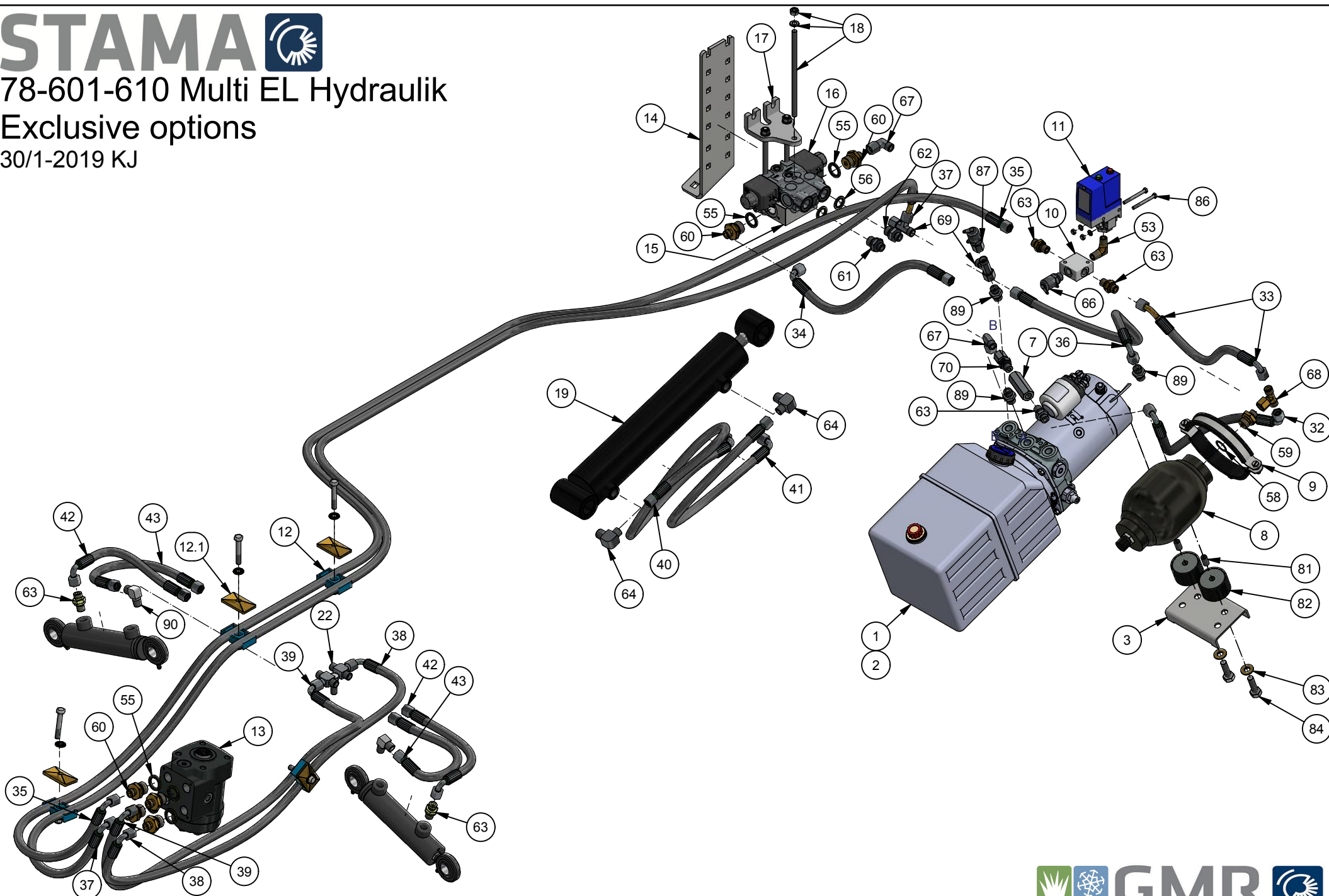
STAMA-HTF

STENSBALLE

NESBO



Pos.	Description	Pcs	Sparepartno	Note
1	Leaf spring	2	78-606-701	
2	Front axle	1	78-606-710	
3	Pendulum bracket	2	78-608-250	
4	Clamp plate	1	78-608-261	
5	King pin	1	78-601-930	L
6	King pin	1	78-601-940	R
7	Tie rod	1	78-601-192	
8	Ball joint left thread	1	8500-2381	L
9	Ball joint	1	8500-2382	R
10	Locknut left thread	1	78-303-112	MF20x1,5 Links
11	Locknut	1	31-211-020	MF20x1,5
12	Ball bearing	2	7500 7205BEP	
13	Ball bearing	2	54-026-205	
14	Heavy duty washer	2	77-801-525	
15	Locking washer	4	35-200-012	
16	Bolt	2	29-112-030	
17	Hydraulic cylinder	2	9796042	
18	Locking ring	4	20-101-020	
19	Front wheel	2	52537580260	18"
20	Locking nut	2	31-101-016	
21	Hub cover	2	644K	
22	Shock absorber	2	100033965	
23	Hose connector	1	77-601-165	
24	Locknut	1	31-201-010	
25	Hydraulic hose	4	031-0220-FM140-FM149	M14xM14 90° 220 mm
26	Fitting	4	A08RLWDX	8L
27	Washer	2	36-300-014	
28	Locking nut	2	31-101-014	
29	Washer	8	36-300-012	
30	Locking nut	8	31-101-012	
31	Heavy duty washer	2	36-150-012	
32	Bolt	2	29-112-025	
33	Carriage bolt	2	30-112-040	
34	Cylinder head screw	4	32-012-050	





78-601-610

Hydraulik

Multi EL 30/1-2019



Pos	Benævnelse	Artikel	Description	#	Nr.	Note
1	Pumpestation	Hydraulikpumpeneinheit	Powerpack	1	2018-0025-1	
2	Hydraulikolie	Hydrauliköl	Hydraulic oil	6 L	2015-0016	ISO 32 Arctic
3	Profil for pumpestation	Spacer plate	Distanzplatte	1	78-601-613	
7	Kontraventil	Rückschlagventil	Checkvalve	1	A12020001	
8	Akkumulator	Akkumulator/Hydrospeicher	Hydro pressure storage	1	H1000R30	
9	Rørbøjle	Rohrbügel	Pipe bend	1	337329	
10	Alu fordelerblok	Verteilerblock	Distributor	1	EFK30-3	1/4"
11	Pressostat	Druckschalter	Pressureswitch	1	XMLB160D2S11	
12	Rørholder	Rohrhalter	Pipeholder	4	2.15/15	
12.1	Topplade	Topfplatte	Topplate	4	CF2T	
13	Styre orbitrol	Lenk Orbitrol	Hydraulic steering unit	1	2017-0086	
14	Ventilstak beslag	Konsole	Bracket	1	78-601-611	
15	Ventil inletmodul	Ventileinlassmodul	Valve inletmodule	1	DO6DA5EB00001	
16	4/3-vejs ventil, spærret i 0	4/3-Wege Magnetventil	4/3 way valve	1	DO6DE5EA00005R	
17	Endeplade	Schlussplatte	Endplate	1	DO29304E5002R	
18	Boltekit	Bolzensatz	Bolt kit	1	DO590134012R	2 modules
					DO590175012R	3 modules
					DO590214012R	4 modules
19	Tip cylinder	Kippzylinder	Tipping cylinder	1	9796000	
21	Styre cylinder	Servozyylinder	Steering cylinder	2	9796042	
22	Slange fordeler	Schlauchverteiler	Hose distributor	1	78-606-740	
32	Hydraulikslange	Hydraulikschlauch	Hydraulic hose	1	031-0350-FM149-FM149	Pump A -> Akku
33	Hydraulikslange	Hydraulikschlauch	Hydraulic hose	1	031-0250-FM144-FM149	Akku -> Switch
34	Hydraulikslange	Hydraulikschlauch	Hydraulic hose	1	031-0500-FM140-FM149	Pump B -> Stack P
35	Hydraulikslange	Hydraulikschlauch	Hydraulic hose	1	031-3250-FM140-FM149	Switch -> Orbitrol
36	Hydraulikslange	Hydraulikschlauch	Hydraulic hose	1	031-0600-FM140-FM149	Stack T -> Pump T
37	Hydraulikslange	Hydraulikschlauch	Hydraulic hose	1	031-3050-FM144-FM149	Orbitrol -> Stack T
38-9	Hydraulikslange	Hydraulikschlauch	Hydraulic hose	2	031-1100-FM149-FM149	Orbitrol -> Steering
40	Hydraulikslange	Hydraulikschlauch	Hydraulic hose	1	031-1100-FM140-FM149	Tip Up



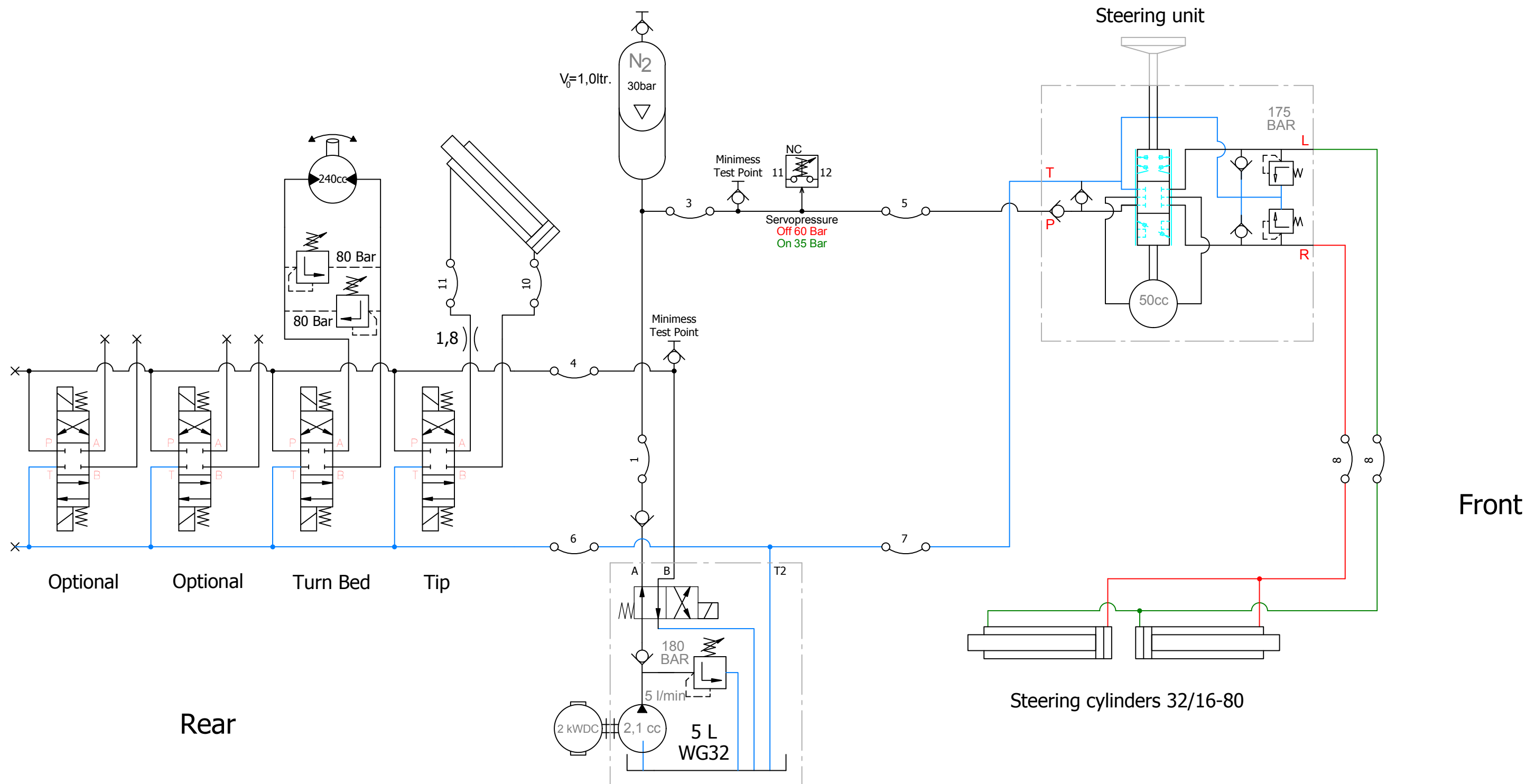
78-601-610

Hydraulik

Multi EL 30/1-2019



Pos	Benævnelse	Artikel	Description	#	Nr.	Note
41	Hydraulikslange	Hydraulikschlauch	Hydraulic hose	1	031-0750-FM140-FM149	Tip Down
42	Hydraulikslange	Hydraulikschlauch	Hydraulic hose	2	031-0750-FM140-FM149	Steering
43	Hydraulikslange	Hydraulikschlauch	Hydraulic hose	2	031-0750-FM140-FM140	Steering
53	Vinkel	Winkel	Elbow	1	37BK04	1/4" BSPT x 1/4" BSPT
55	Bonded seal tætning	Dichtungsring	Bonded seal	6	42-000-012	1/2"
56	Bonded seal pakning	Dichtungsring	Bonded seal	4	42-000-038	3/8"
58	Kobberskive	Kupferscheibe	Copper sealing ring	1	42-100-018	
59	Indskruning	Einschraubverschraubung	Male stud coupling	1	A08LM18	ø8 x 18mm
60	Indskruning	Einschraubverschraubung	Male stud coupling	6	A08LR1/2	ø8 x 1/2" BSP
61	Indskruning	Einschraubverschraubung	Male stud coupling	3	A08LR3/8	ø8 x 3/8"
62	Indskruning	Einschraubverschraubung	Male stud coupling	1	A08LR3/8-M8	ø8 x 3/8" M8
63	Indskruning	Einschraubverschraubung	Male stud coupling	5	A08RLWDX	ø8 x 1/4" BSP
64	Vinkel indskruning	Winkel	Elbow	2	B08LR3/8X	ø8 3/8" vinkel
66	Testnippel	Schraubkupplung CSHR14W	Minimess test point	1	MT01-104	1/4" BSP
67	Stilbar vinkel 8L	Einstellbar Winkelverschraubung	Adjustable elbow coupling	2	VB08LDKO	
68	Stilbar T ø10	Einstellbar T-Anschluß-Verschraubung	Adjustable branch tee coupling	1	VC10L	
69	Stilbar L ø8	Einstellbar L-Anschluß-Verschraubung	Adjustable barrel tee coupling	2	VD08L	
70	Rørstuds	Einschraubstutzen mit Dichtkegel	Stud standpipe adaptor	1	VA08RLDKO	1/4" BSP
81	Pinolskrue	Anschlagschraube	Headless screw	2	32-210-020	M10x20
82	Vibrationsdæmper	Gummisegmentblock	Vibrationdamper	2	1109-350301070	ø50 x 30 Shore 70
84	Sætskrue	Setzschraube	Set screw	2	29-110-035	M10 x 35mm
86	Maskinskrue	Maschinenschraube	Machine screw	2	28-105-050	M5 x 50 mm
87	Testnippel	Schraubkupplung Testpunkt	Minimess test point	1	026-022-043	ø8
89	Indskruning	Einschraubverschraubung	Male stud coupling	3	A08L9/16UNF	ø8 x 9/16 UNF
90	Vinkel indskruning	Winkel	Elbow	2	B08RL	ø8L - 1/4" BSPT



Værktøj type	Nummer	Nr.	Ændring	Sign/dato	Frimål			Hydraulic Schematic Model: Multi EL 2016 GMR	Mål: 1 : 1
					Over - Til	mid.	grov		Dato: KJ 29-02-2016
					0 - 6	0,1	0,2		Erst.: 78-410-230
					6 - 30	0,2	0,5		Nummer: 78-601-610
					30 - 120	0,3	0,8		Schematic
					120 - 315	0,5	1,2		ver 3
					315 - 1000	1,0	2,0		
					1000 -	2,0	3,0		

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Schematic ver 3.idw

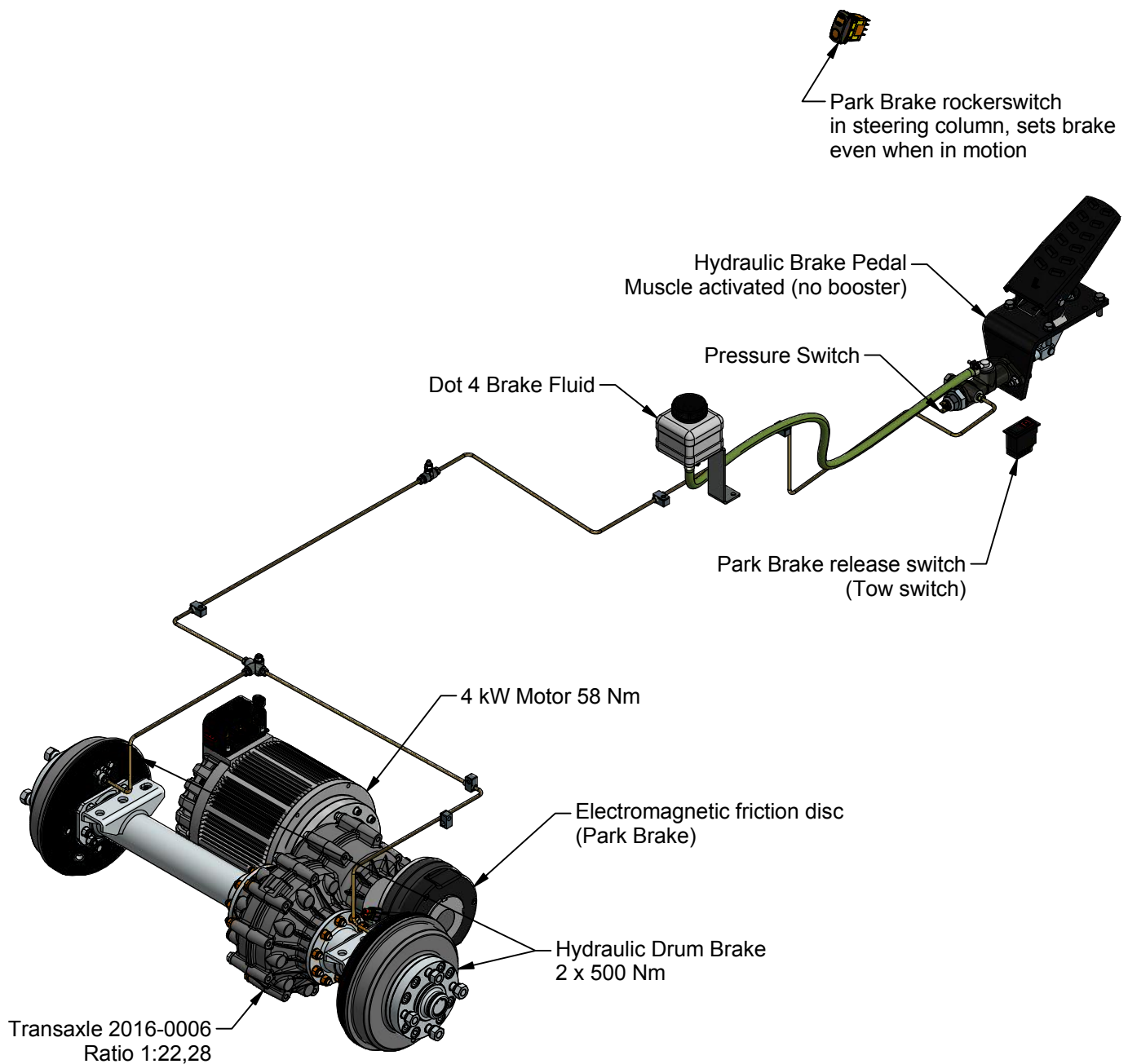
Vægt:

Brake System

Multi EL Model 2016

5/7-2018 KJ

First service brake: Release Throttle (Motorbrake) max 1292 Nm
 Second service brake: Hydraulic Brake Pedal, max 1000 Nm
 Park brake: Electromagnetic friction Disc, max 713 Nm
 Sets at stand-still, power loss or rockerswitch in steering column



Bremser, Bremsen, Brake:

Multi EL 78-601-630 - 6/1-2017

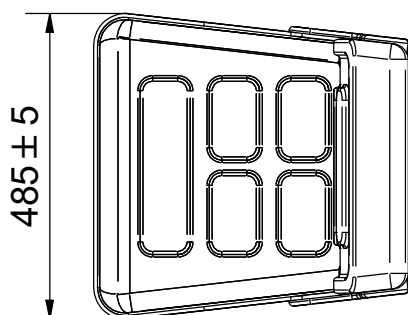
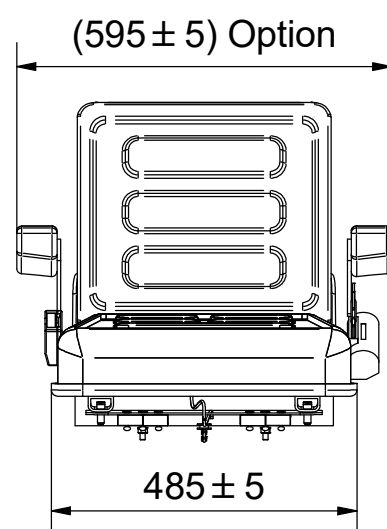
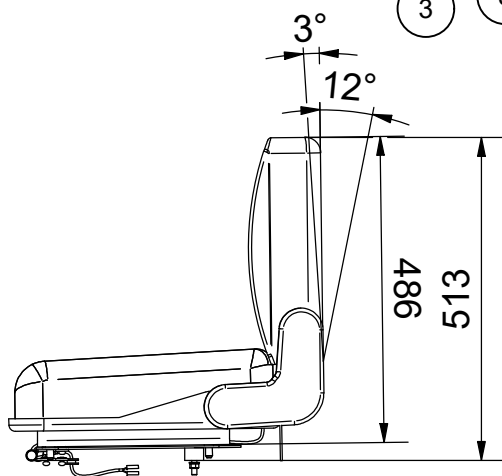
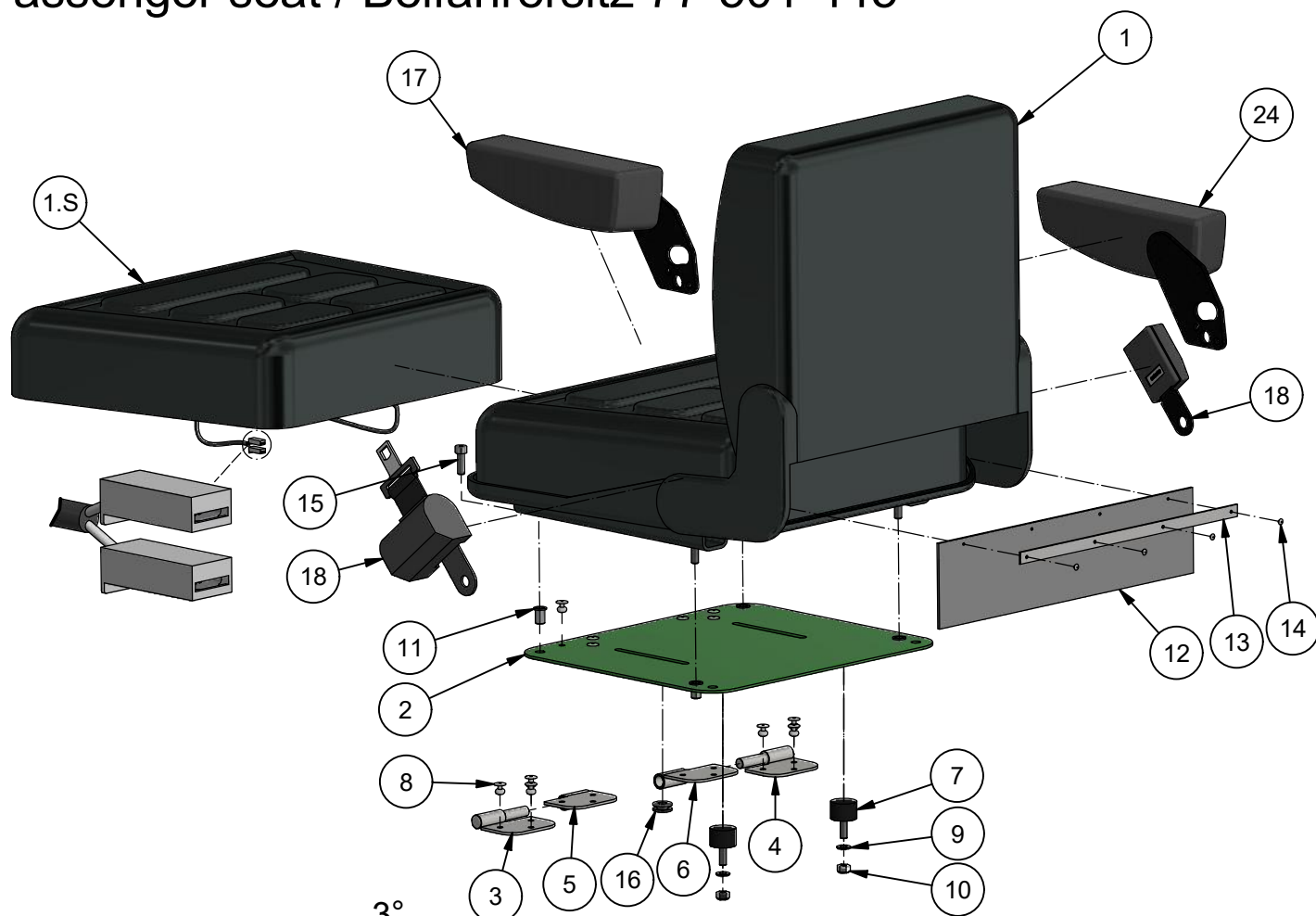


Pos.	Description	Pcs	Sparepartno	Note
1	Brake pedal and cylinder	1	VPF004238	
2	Pressure switch	1	11000IDRO	
3	Copper sealing	2	42-100-010	10 mm
4	Plug	1	78-301-115	M10x1,25
5	Brake fluid container	1	KT003630	
6	Brake fluide hose	0,4	28-06	6 mm
7	Miniclamp	1	1150-500013	13 mm
8	Miniclamp	1	1150-500012	9-12 mm
	Brakefluid	0,4 L	PLM 2886	DOT 4
9	Braketube front to center	1	78-601-631	
10	Braketube center to rear	1	78-601-632	
11	Braketube right	1	78-601-633	
12	Braketube left	1	78-601-634	
13	Braketube connector	1	78-301-130	
14	Braketube Tee connector	1	8105-3787	M10x1,0
15	Tubeholder	4	030-132-008	8 mm
21	Washer	4	36-300-008	
22	Setscrew	4	29-108-030	M8
23	Setscrew	1	29-106-030	M6
24	Washer	2	36-300-006	
25	Locknut	2	31-101-006	

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Driver seat / Fahrersitz 78-601-680
Passenger seat / Beifahrersitz 77-501-445

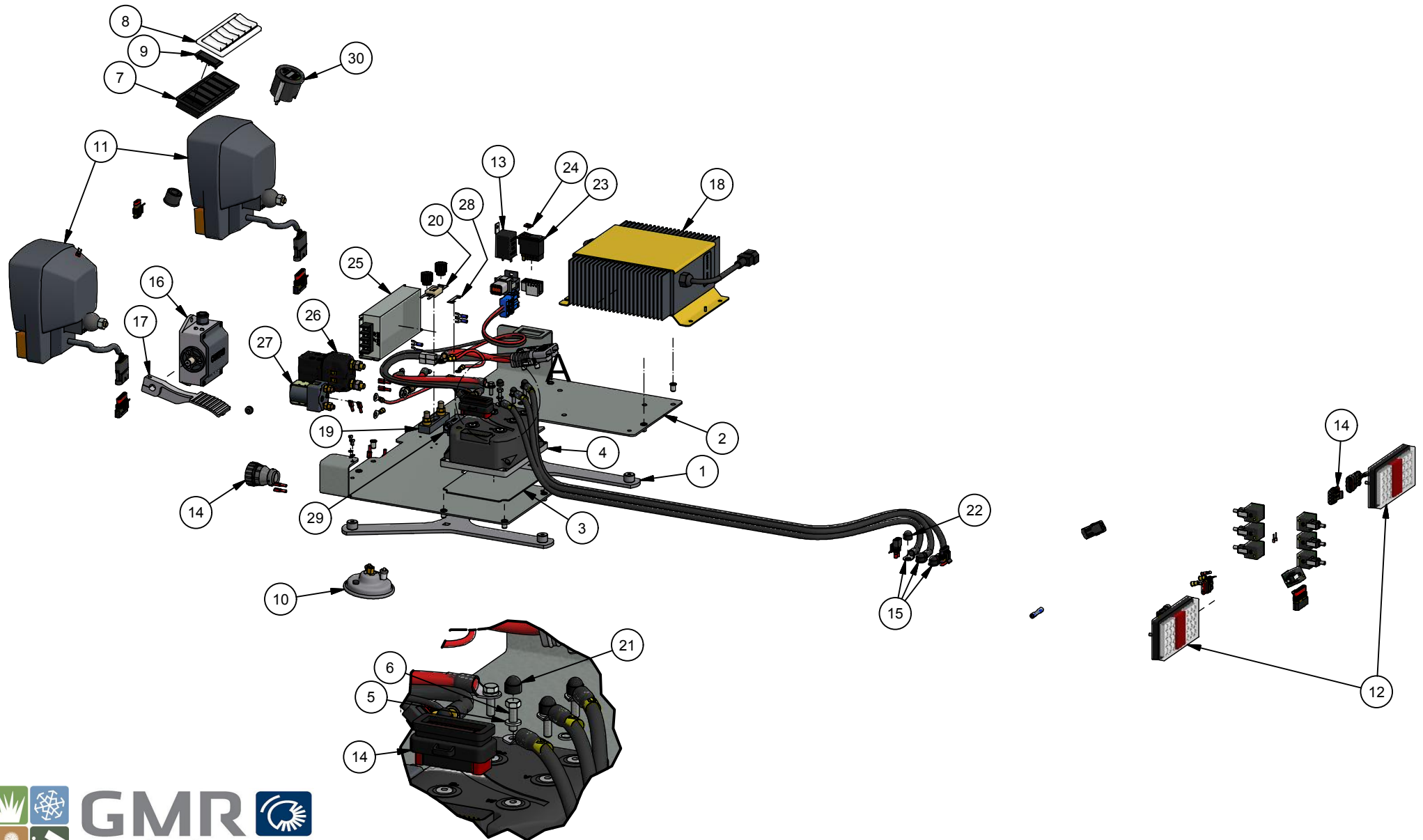


23 kg

Driver seat / Fahrersitz 78-601-680
 Passenger seat / Beifahrersitz 77-501-445
 27/1.2017



Pos.	Description	Pcs	Sparepartno	Note
1	Seat with seatswitch	1	2015-0093	78-601-680
	Seat without switch	1	2015-0094	77-501-440
1.S	Pillow with switch	1	1350-200630	78-601-680
2	Rocker plate	1	77-501-436	
3	Hinge male/right	1	223-002-15	
4	Hinge male/left	1	223-002-10	
5	Hinge female/right	1	223-002-20	
6	Hinge female/left	1	223-002-25	
7	Rubber buffer	2	5130204	
8	Blind rivet	12	959-6-8	
9	Washer	2	36-300-008	
10	Locking nut	2	31-101-008	
11	Blind rivet nut	4	1111-08-017	
12	Rubber plate	1	78-502-751	78-601-680
13	Mounting list	1	78-502-752	78-601-680
14	Blind rivet	4	950-4-5	78-601-680
15	Cylinder head screw	4	32-108-025	
16	Rubber grommet	1	1435-200017	
17	Arm rest	Option	2015-0091	Option
18	Seat belt	Option	2015-0092	Option





Multi EI Electrics / Elektrik

78-601-620 - 18/7-2017



Pos.	Description	Pcs	Sparepartno	Note
1	Bracket	1	78-601-820	
2	Mounting plate	1	78-601-621	
3	Heat absorber	1	78-601-622	
4	Motor controller	1	2016-0018	
5	Spring washer	5	35-500-006	Schnorr 416320
6	Set screw	5	29-106-020	
7	Frame for 6 contacts	1	595902	
8	Hood for 6 contacts	1	594268	
9	Blind cover	6	596273	
10	Horn	1	1319-100231	12V
11	Frontlight with connectro	2	78-410-215	12V
12	Rearlight with connector	2	78-301-120	
13	Flasher relay	1	2016-0020	
14	Wire harness	1	9806150	
15	Battery cables (set)	1	9806160	35 mm ²
16	Throttle with connector	1	78-301-135	
17	Pedal	1	2015-0004	
18	Charger	1	18141700-4801	48V 18A
19	Fuse holder	1	010-300-121	
20	Main fuse	1	010-300-122	200A
21	Bolt cap	4	RM-12837-500	M6
22	Bolt cap	3	RM-12338-500	M8
23	Rockerswitch	1	511106	Double
24	Switch symbol	1	596174	
25	Converter	1	RSD-200C-12	200W
26	Main contactor	1	2015-0041	48V
27	Pump contactor	1	2017-0045	12V
28	Blade fuse	1	191186	50A
29	Fuse holder	1	191190	
30	Information display	1	17472703	



Care for the ground

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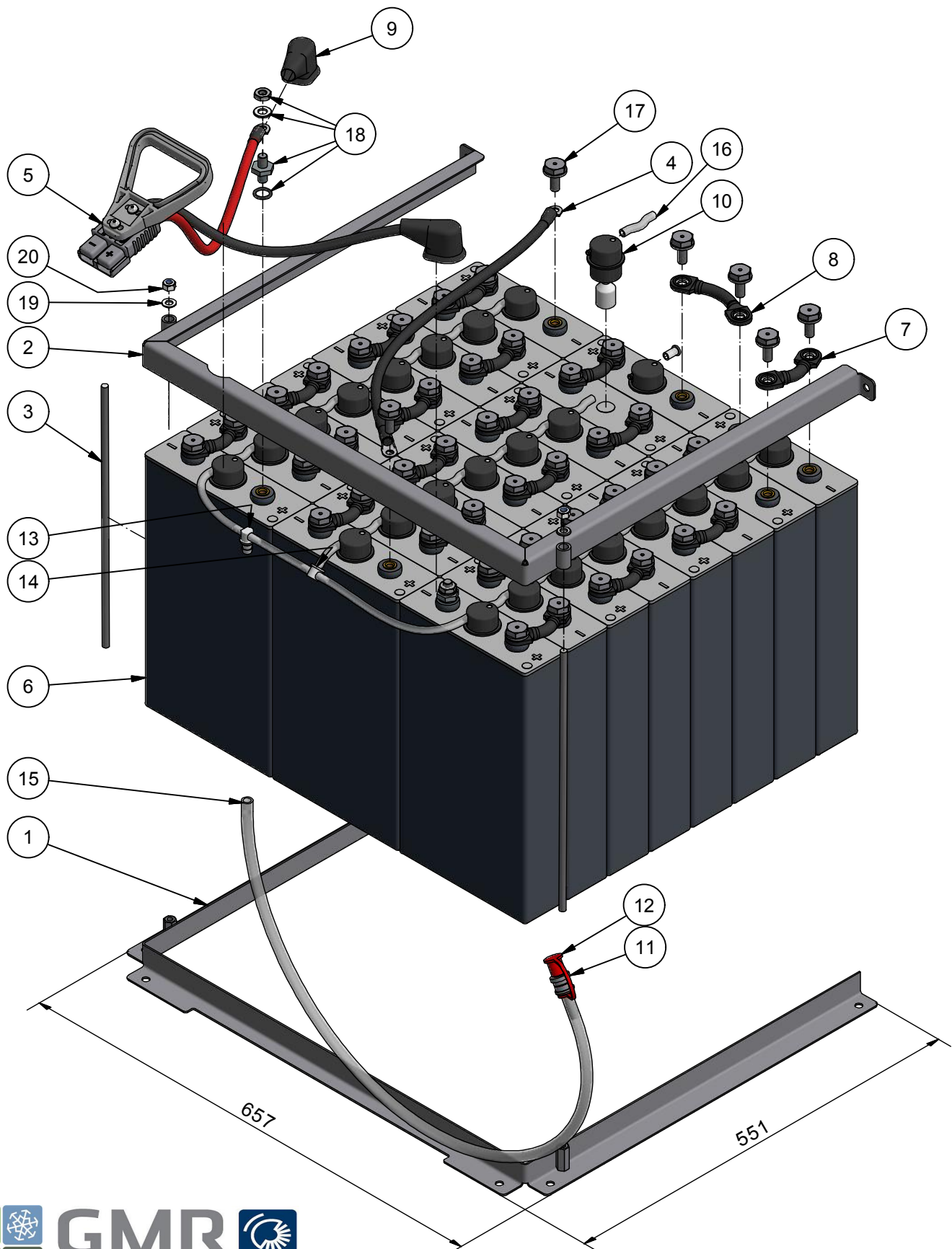
STAMA-HTF



78-601-400 48V 180Ah Battery 296 kg

Multi EL 2017

7/8-2017 KJ

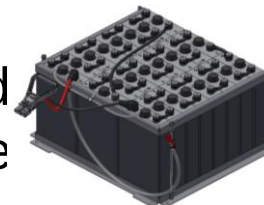


GMR
Care for the ground



Batteripakke bly-syre, Lead-Acid battery, Batteriepaket Blei-Säure

48V 180Ah 78-601-400 - 26/1.2016

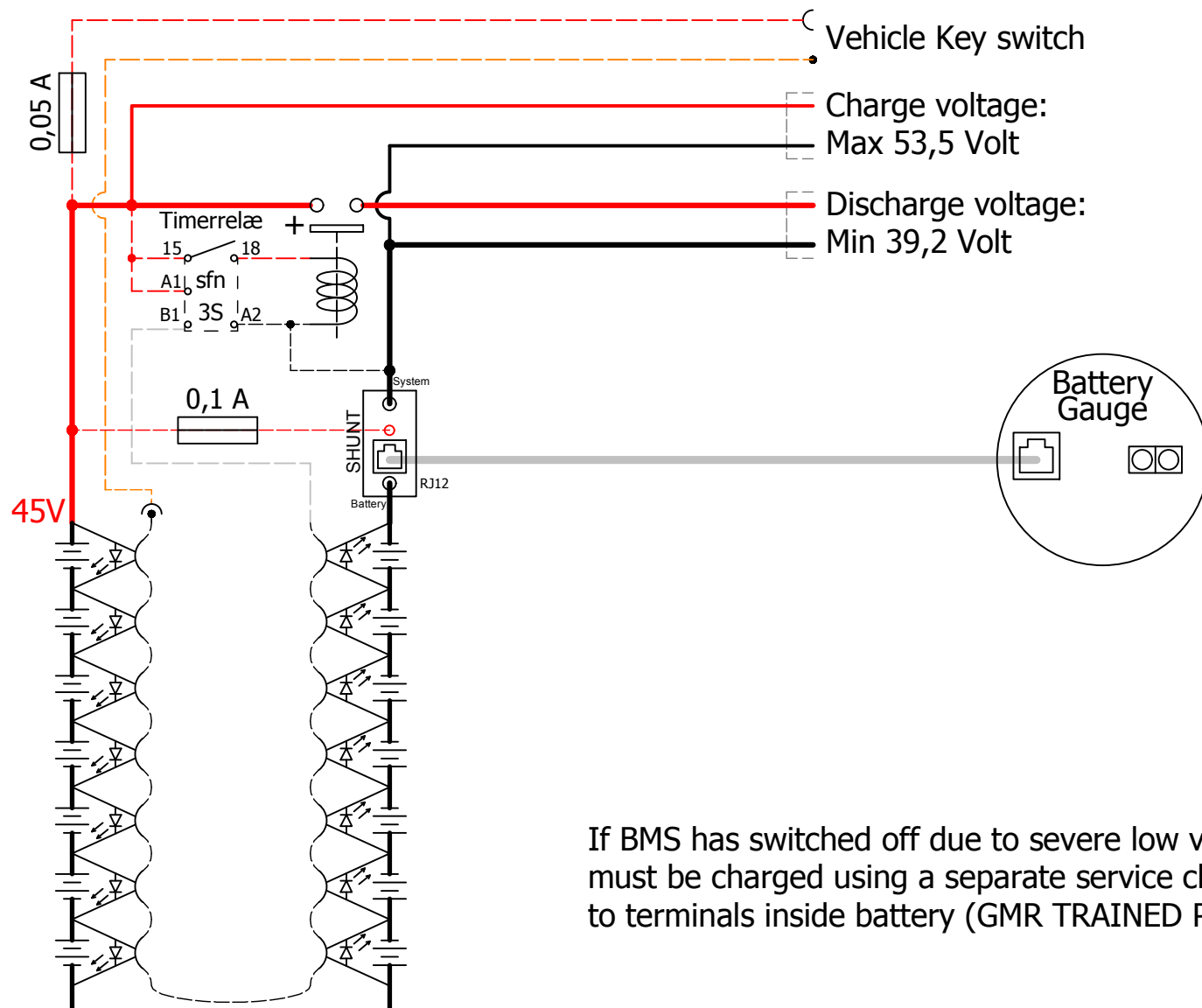
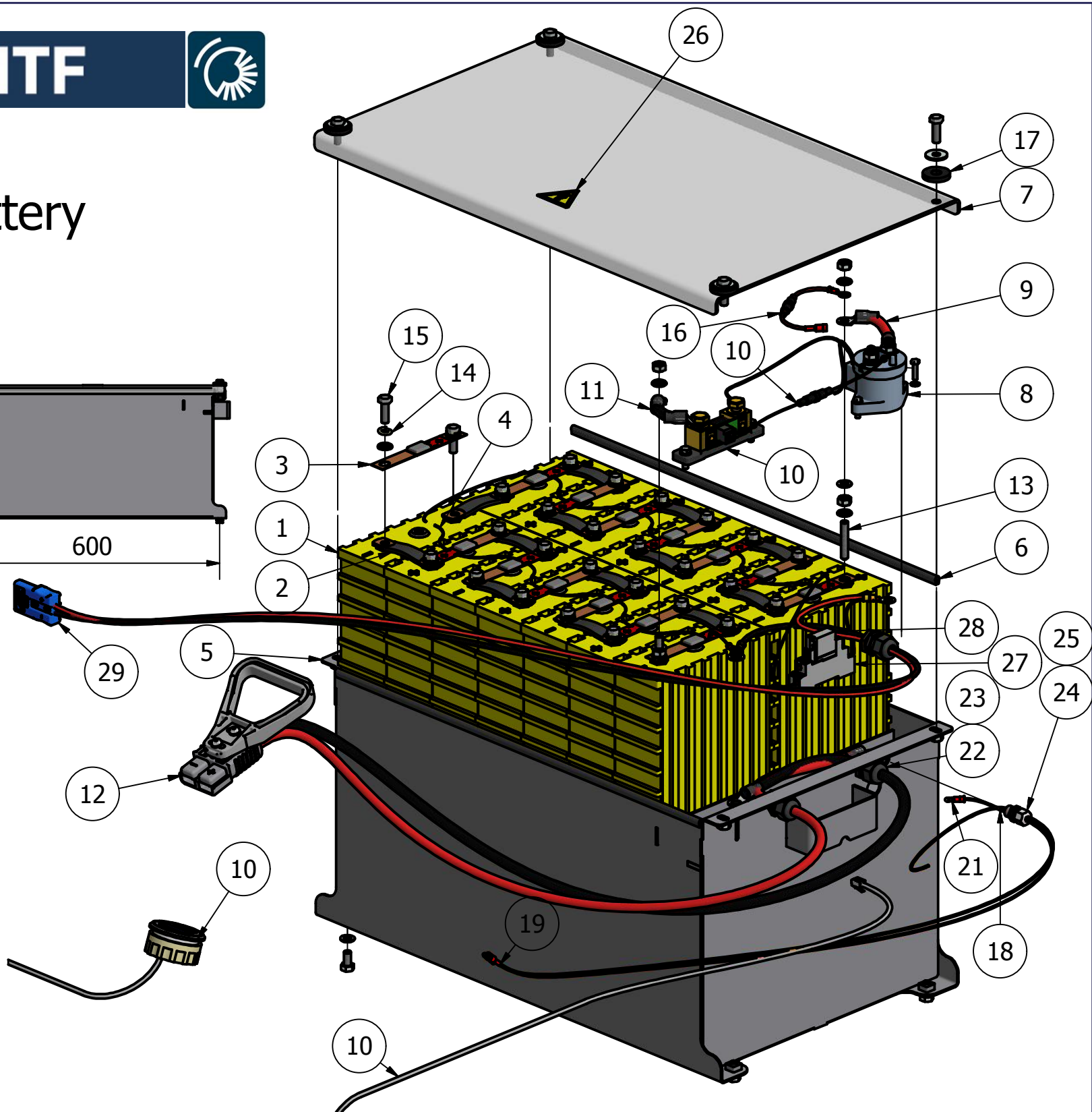
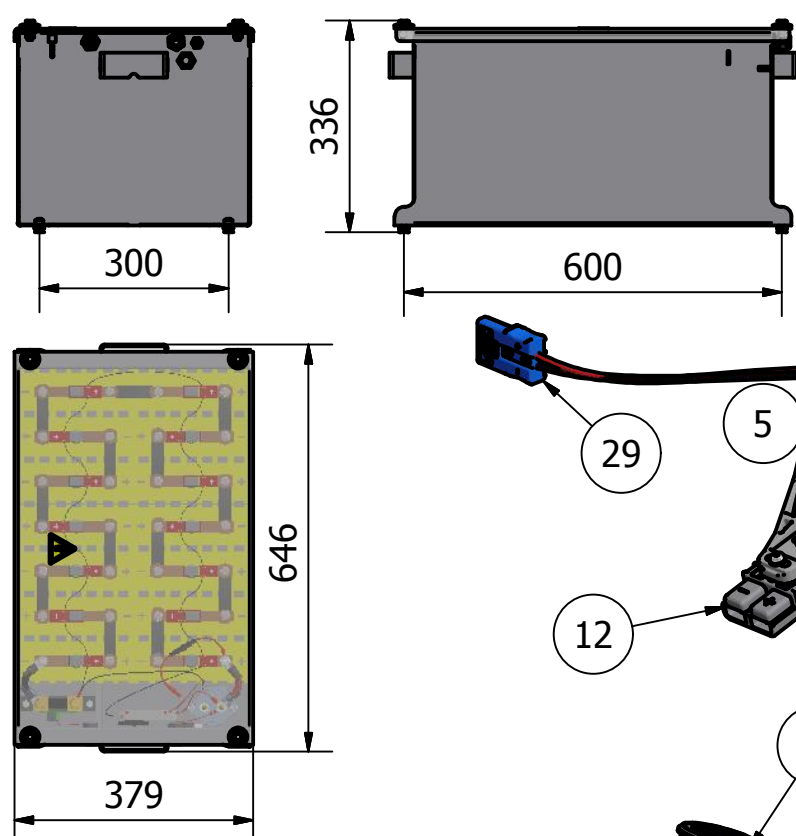


Pos.	Description	Pcs	Sparepartno	Note
1	Battery bracket - bottom	1	78-601-410	
2	Battery bracket - top	1	78-601-415	
3	Threaded rod	2	78-601-401	350 mm
4	Battery cable	1	78-601-403	35mm ² x ? mm
5	Battery connector	1	78-601-404	175 A
6	Battery cell	24	3PZS 180	180 Ah
7	Connector cable	21	35# x 75	
8	Connector cable	1	35# x 95	
9	Protection rubber cap	2	HAG 156	
10	Water filling valve	24	78-010-154.5	BFS
11	Quick connector	1	78-010-154.5	
12	Dust cover	1	78-010-154.5	
13	Tee fitting	1	78-010-154.5	8-12-8
14	Tee fitting	1	78-010-154.x	8-8-8
15	Water hose	1 m	78-010-154.x	Ø8
16	Water hose	3 m	78-010-154.x	Ø6
17	Isolated battery bolt	22	78-010-154.3	M10
18	Terminal screw, assy	2	380525801	M10
19	Washer	2	36-300-008	
20	Locking nut	2	31-101-008	
	Density meter (not shown)	1	220-020-58	

STAMA-HTF



78-601-450
46V 160Ah Battery
Mass 102 kg
10/8-2017 KJO

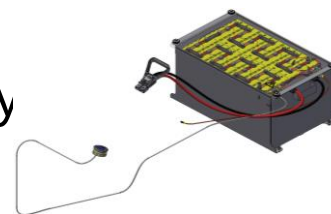


If BMS has switched off due to severe low voltage, then the battery must be charged using a separate service charger directly attached to terminals inside battery (GMR TRAINED PERSONEL ONLY)

45V 160 Ah Lithium Battery

Batteriepaket Lithium

Multi EL 78-601-450 - 23/10.2017

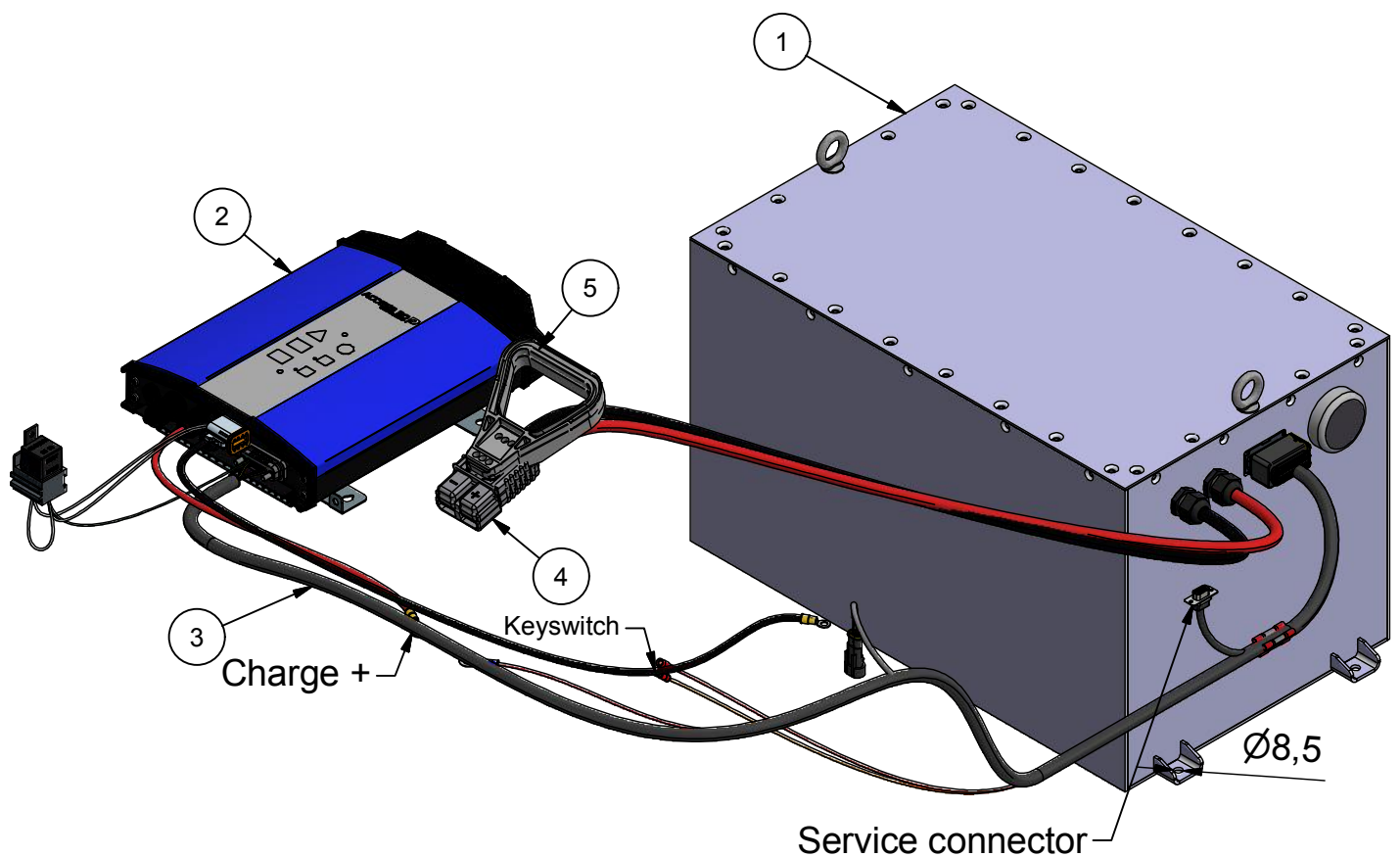
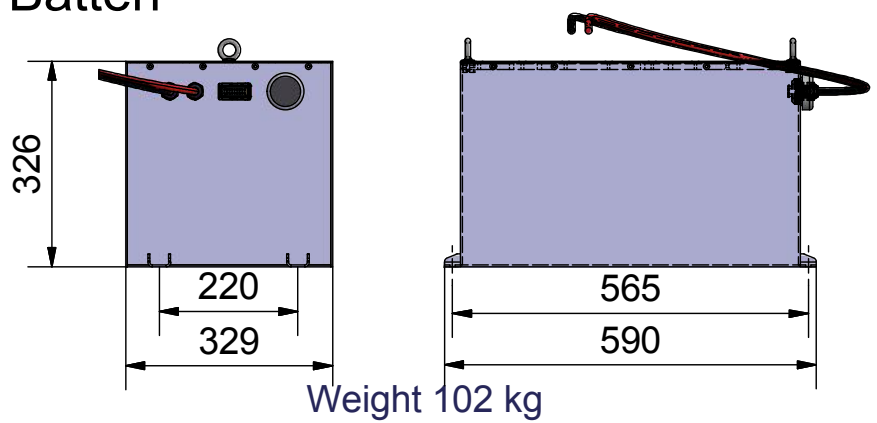


Pos.	Description	Pcs	Sparepartno	Note
1	Battery Cell	14	LFP160AHA	160 Ah (Yellow)
		14	SP-LFP200AHA	200 Ah (Black)
2	Copper connector	13	LFP160-CON	
3	Sensor module	14	BMS-CM160	
4	Daisy chain (soldered)	12	1430-001000	
5	Battery box	1	78-708-210	
6	Edge rubber list	2	Kantgummi	
7	Cover	1	78-601-451	
8	Main relay	1	2016-0009	500 A
9	Battery cable red	1	78-601-471	35 mm ²
10	Battery Gauge, complete	1	2016-0035	
11	Battery cable black	1	78-601-473	35 mm ²
12	Battery connector	1	78-601-490	
13	Set screw	2	32-208-045	
14	Spring washer	26	35-000-008	
15	Set screw	30	29-108-025	
16	Fuse holder	1	2016-0032	0,05 F
17	Rubber disc	4	35-930-012	
18	Keyswitch wire red	2 m	1430-001510	
19	Keyswitch wire orange	2 m	192289	
20	Cable shoe female	1	1440-000213	4 mm
21	Cable shoe male	1	1440-000217	4 mm
22	Cable gland	2	1234P13	PG 13,5
23	Cable gland nut	2	3420/13	
24	Cable gland	1	1234P07	
25	Cable gland nut	1	3420/07	
26	Sticker Warning	1	09-700-001	
27	Time delay relay	1	2018-0004	
29	Charge connector with cables	1	78-601-453	



78-702-100 48V 125Ah Batteri

29/8-2018



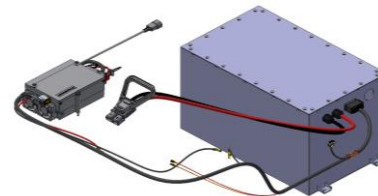
Position 3 Wire Harness 78-702-150 (schematic 9806180)





Jungheinrich Batteri

Option 78-702-100
29/8-2018



<i>Pos.</i>	<i>Description</i>	<i>Pcs</i>	<i>Sparepartno</i>	<i>Note</i>
1	Li-Ion Battery	1	2017-0099	51V 125Ah
2	Charger	1	2017-0010	17.5 A
3	Wire Harness	1	78-702-150	
4	Battery connector	1	010-300-124	CB175
5	Handle	1	010-300-125	

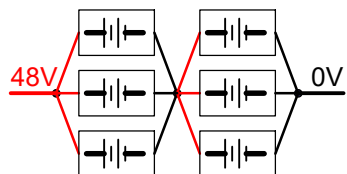
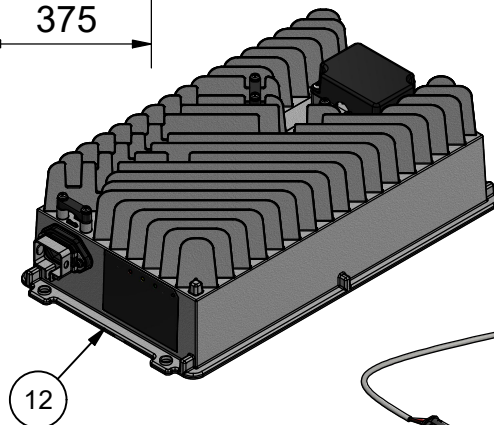
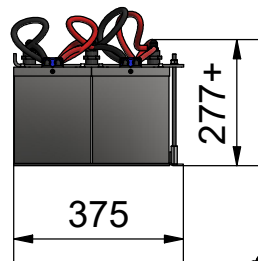
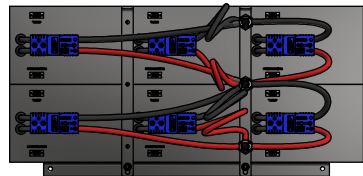
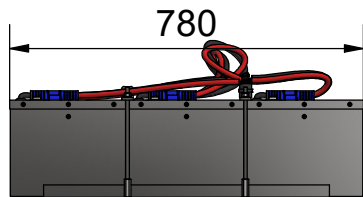
Multi battery option 78-601-445

48V 180Ah Lithium NMC

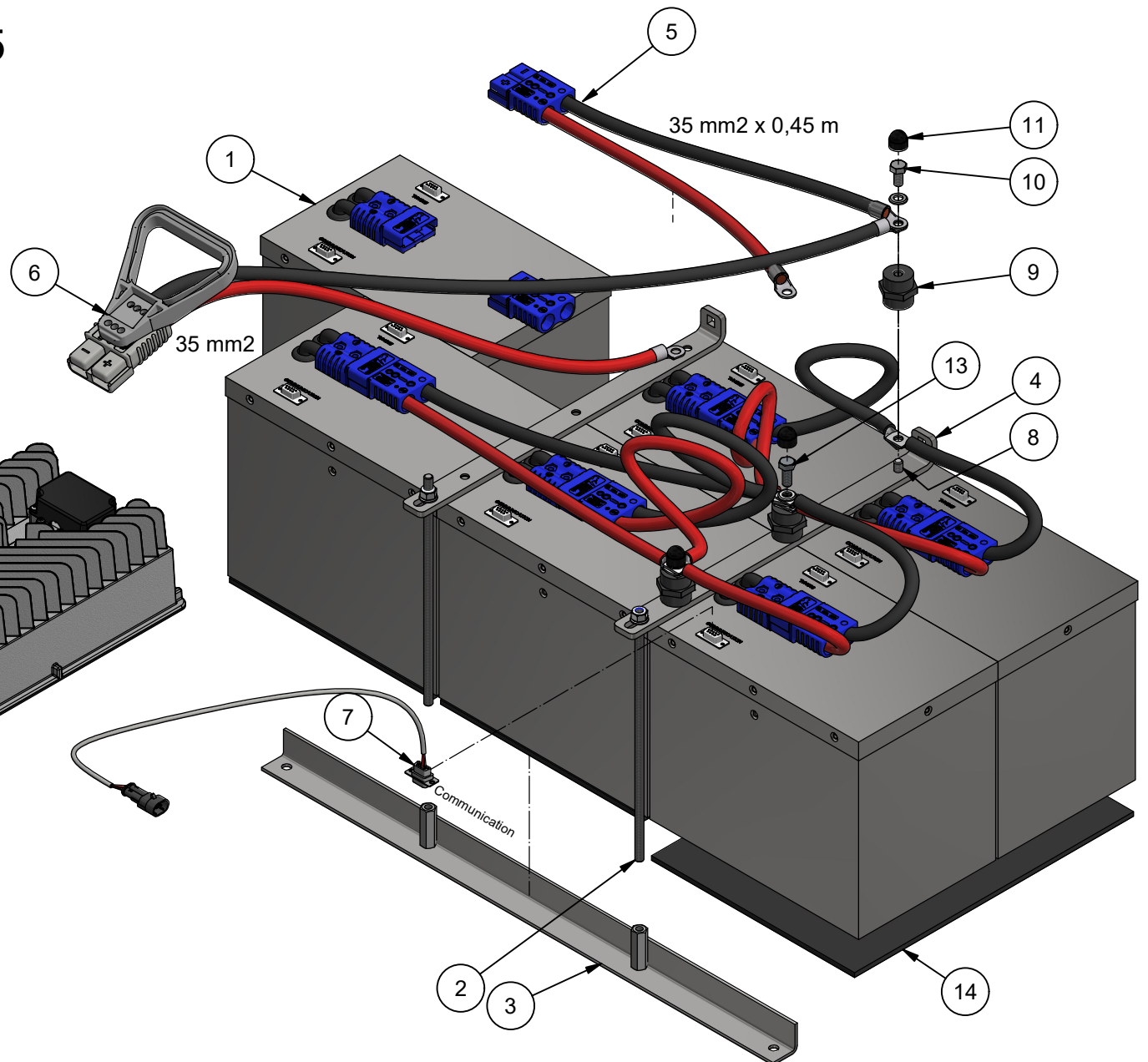
DeltaQ Quiq SW V3.9.2.1 algorithm 268

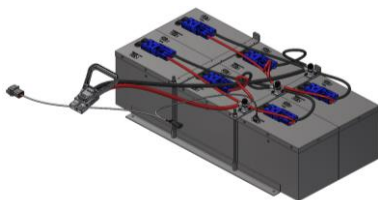
Lester charge profile 22025

Weight 85 kg 30/12-2021 KJ



Check that halfpack voltages are equal (balanced)





Multi Option 78-601-445

Lithium NMC Battery 48V 180Ah

30/12-2021 KJ



Pos.	Benævnelse	Description	Artikel	#	Nr.	Note
1	Litium MNC batteri IP54	Battery pack	Lithium NMC Batterie	6	2019-0077	24V 60Ah
2	Gevindstang	Threaded rod	Gewindestange	2	78-601-442	M8 x 243
3	Spændebeslag bund	Battery clamping bracket	Batterieklemmhalterung	1	20-04-510	
4	Spændebeslag top	Battery bracket	Batteriehalterung	2	20-04-521	
5	Batteristik	Battery connector	Batteriestecker	6	20-04-530	35 mm ² x 0,45 m
6	Hovedafbryder/stik	Main connector with handle	Hauptanschluss mit Griff	1	20-04-540	
7	Kommunikationsledning	Communication harness	Kommunikationskabel	1	9806145	CAN
8	Undersænket skrue	Countersunk screw	Senkschraube	3	32-008-016	M8 x 16
9	TM Isolator	Terminal isolator	Klemmenisolator	3	2021-0014	2 x M8
10	Sætskrue	Machine screw	Stellschraube	2	29-108-016	M8 x 16
11	Bolthætte	Bolt cap	Bolzkappe	3	RM-12338-500	M8
12	Deltaq Quic (gult) ladeapparat	Onboard charger	Gelb Ladegerät	1	18141700-4801	-> 2021
	Lester (aluminium) ladeapparat	Onboard charger	Alu Ladegerät		2021-0008	2022 ->
13	Sætskrue	Machine screw	Stellschraube	1	29-108-020	M8 x 20
14	Gummibånd	Base layer	Unterlage	3	20-04-522	GUMMI 250x5 L=344



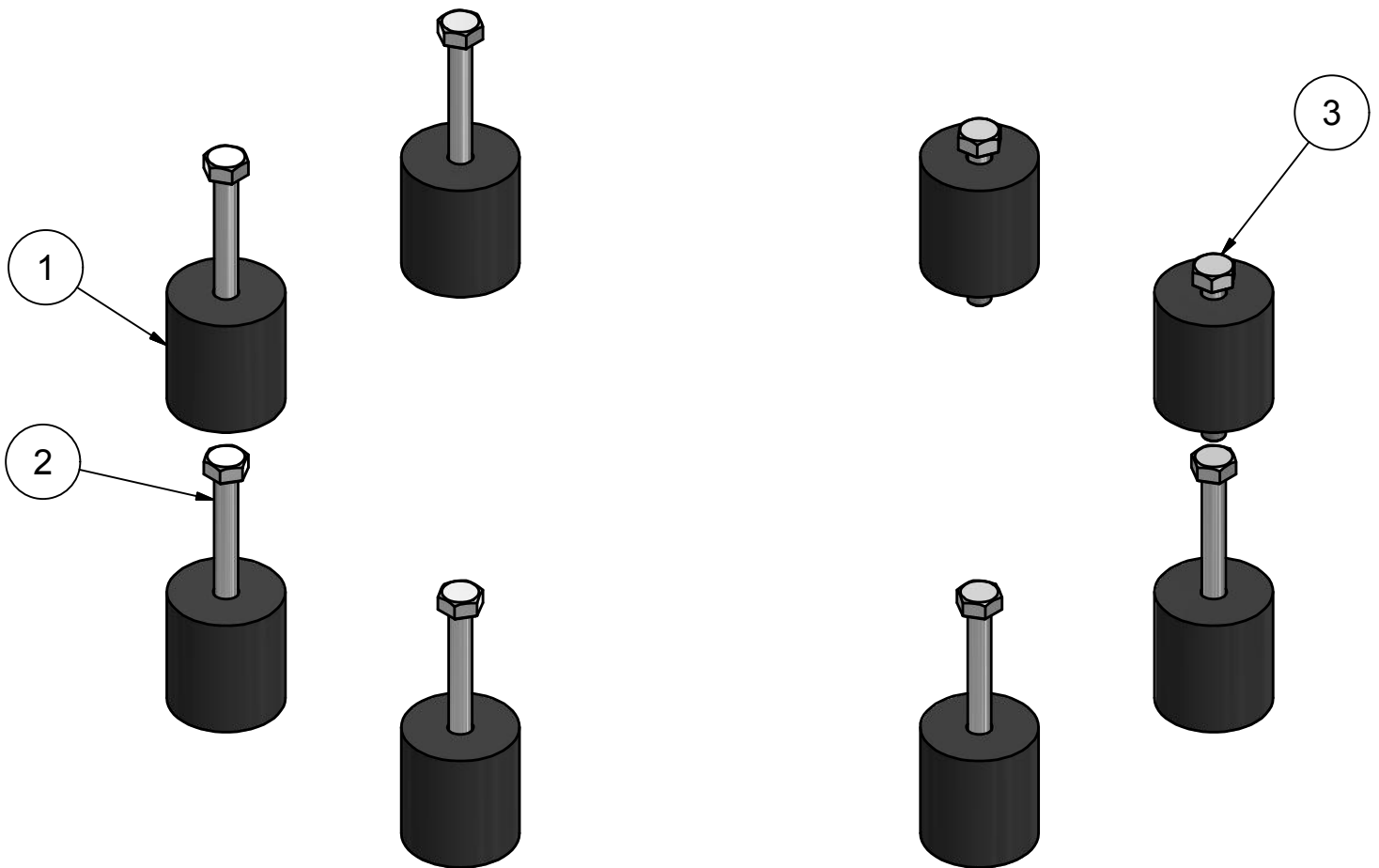


Multi EL 78-601-500-0 23/5-2016 KJ

Dele for kun bag tip

Parts for rear tipping only

Teile für nur hinten Kippen

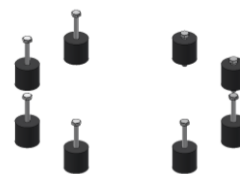


GMR 
Care for the ground



Bag tip, Rear tip, Hinten kippen

Multi EL option 78-601-500-0 - 27/7-2017



<i>Pos.</i>	<i>Description</i>	<i>Pcs</i>	<i>Sparepartno</i>	<i>Note</i>
1	Spacer	8	78-601-506	Ø50 x 55
2	Machine screw	6	28-110-130	M10 x 130
3	Machine screw	2	28-110-080	M10 x 80

STAMA-HTF

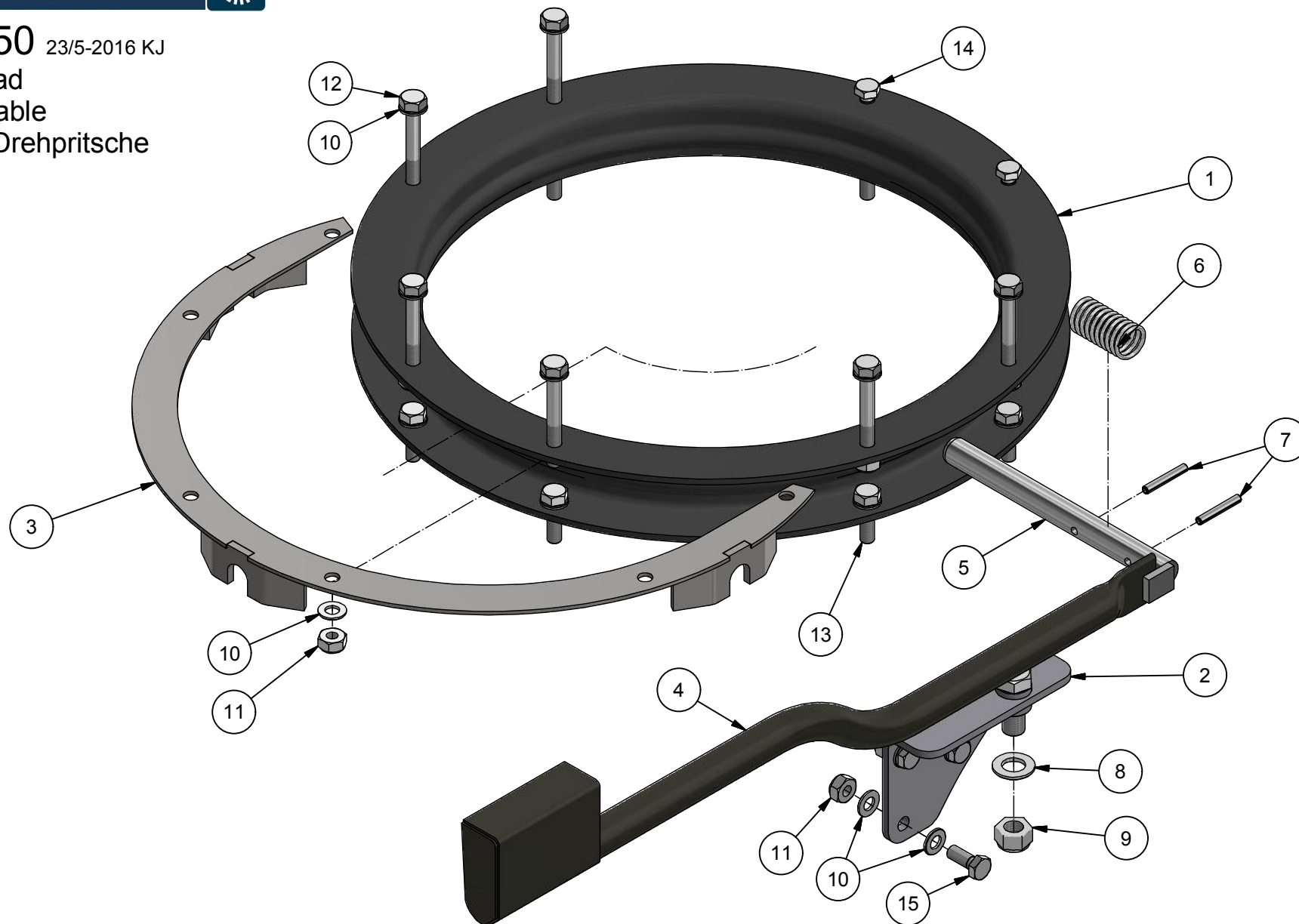


78-601-550 23/5-2016 KJ

Lås for drejelad

Lock of Turntable

Sperren des Drehpritsche





Dreje lad, Turn Table, Dreh Pritsche
Multi EL Option 78-601-550
27/7-2017

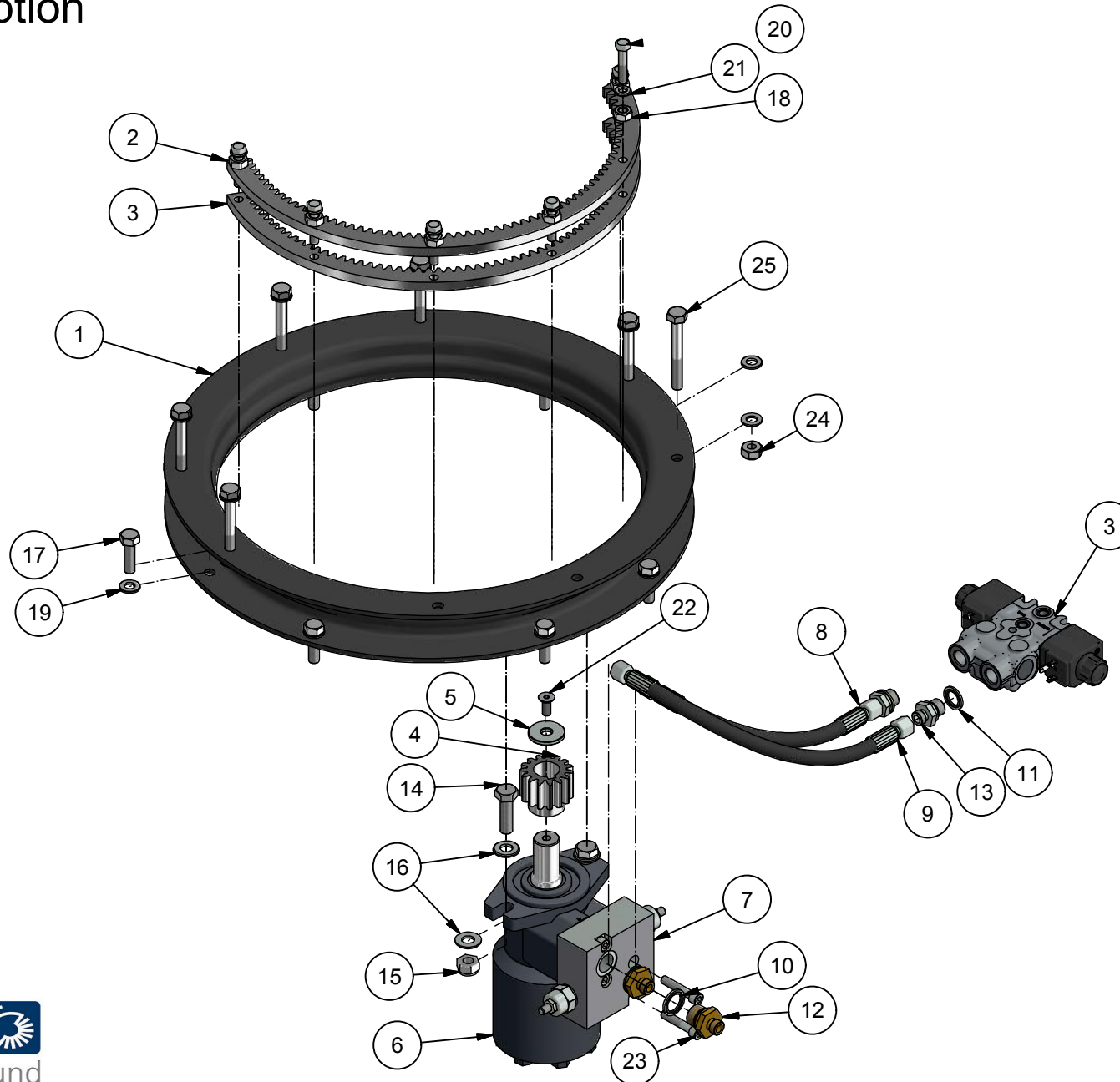


<i>Pos.</i>	<i>Description</i>	<i>Pcs</i>	<i>Sparepartno</i>	<i>Note</i>
1	Turn table ball bearing	1	78-601-505	500 mm
2	Bracket	1	78-601-580	
3	Locking part	1	78-601-570	
4	Release handle	1	78-601-560	
5	Locking bolt	1	78-601-575	
6	Spring	1	5195 2290 25	
7	Tube/Nail	2	38-306-040	ø6 x 40
8	Washer	1	36-300-016	16 mm
9	Lock nut	1	31-101-016	M16
10	Washer	28	36-300-010	10 mm
11	Lock nut	11	31-101-010	M10
12	Machine screw	6	28-110-080	M10 x 80mm
13	Set screw	8	29-110-035	M10 x 35mm
14	Set screw	2	29-110-030	M10 x 30mm
15	Set screw	3	29-110-025	M10 x 25mm



78-601-600 Hydraulisk sving, Hydraulisch drehen, Hydraulic rotation Multi EL 2016 Option

11/6-2016 KJ





Hydraulisk sving, Hydraulisch drehen,
Hydraulic rotation

Multi EL Option 78-601-600

29/7-2017



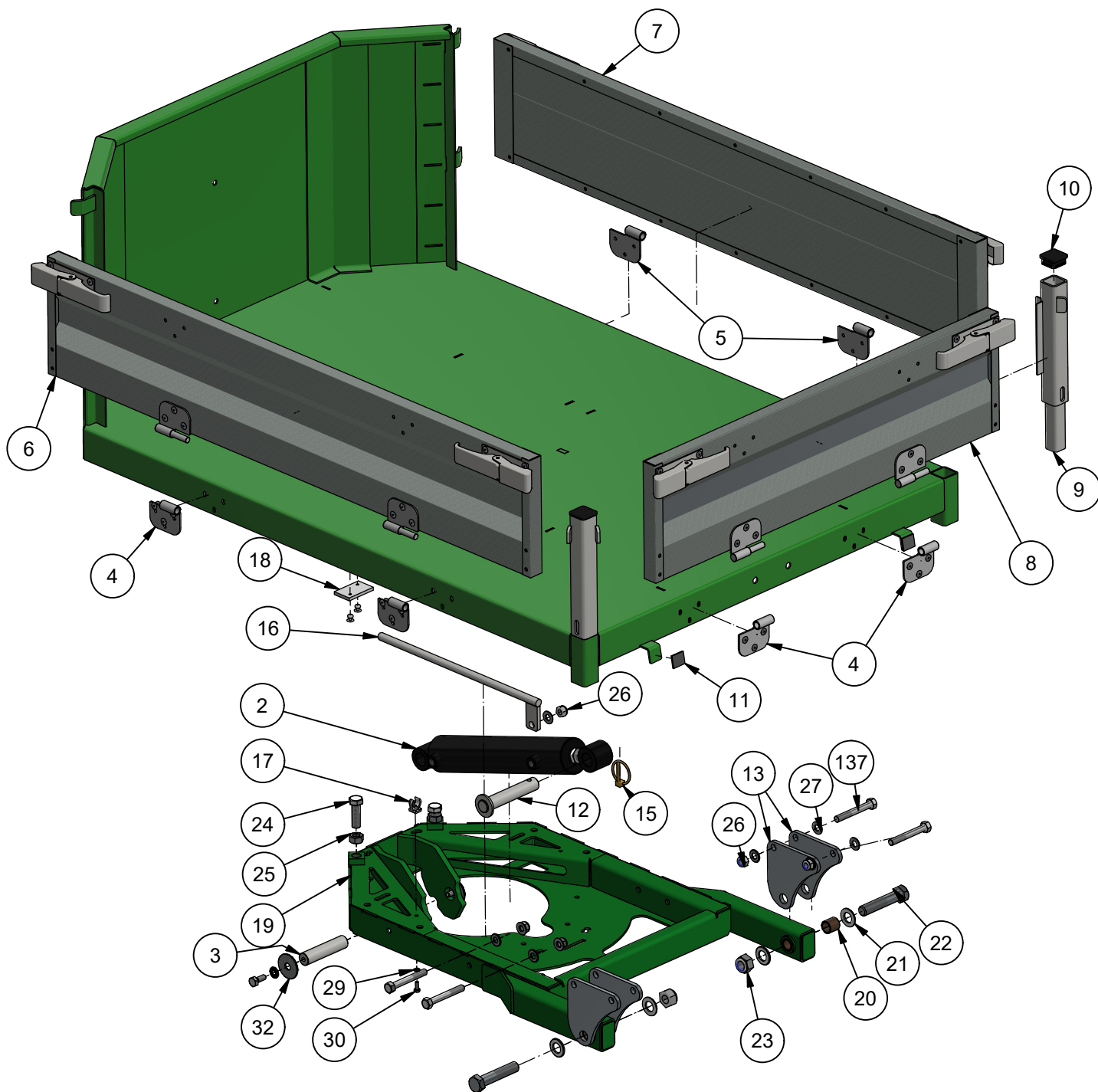
Pos.	Description	Pcs	Sparepartno	Note
1	Turn table ball bearing	1	78-601-505	500 mm
2	Cogwheel involute	2	78-601-501	m3 z120
3	4/3 way valve	1	2017-0001	
4	Cogwheel	1	78-601-502	m3 z15
5	Heavy duty washer	1	36-140-010	
6	Orbitmotor	1	W255240A6312	
7	Crossover pressure valve	1	VS50FMDI/1Y04B	
8	Hydraulic hose	1	031-0300-FM140-FM140	1/4"
9	Hydraulic hose	1	031-0380-FM140-FM140	1/4"
10	Bonded seal	2	42-000-012	1/2"
11	Bonded seal	2	42-000-038	3/8"
12	Nipple fitting	2	A08LR 1-2	ø8 x 1/2"
13	Nipple fitting	2	A08LR 3-8	ø8 x 3/8"
14	Set screw	2	29-112-040	
15	Locking nut	2	31-101-012	
16	Washer	4	36-300-012	
17	Set screw	8	29-110-035	
18	Nut	6	31-001-010	
19	Washer	20	36-300-010	
20	Machine screw	6	28-108-040	
21	Washer	6	36-300-008	
22	Allen screw	1	32-008-020	
23	Cylinder head screw	4	32-108-040	
24	Locking nut	6	31-101-010	
25	Machine screw	6	28-110-080	



STAMA MULTI 2017

78-708-800 Cargo box / Kippkasten / Tiplad

5/9-2017 KJ



GMR
Care for the ground

STAMA-HTF

STENSALLE

NESBO



Multi/Maxi Tiplad / Load bed / Kippkasten

78-606-500 Drawing 78-708-800

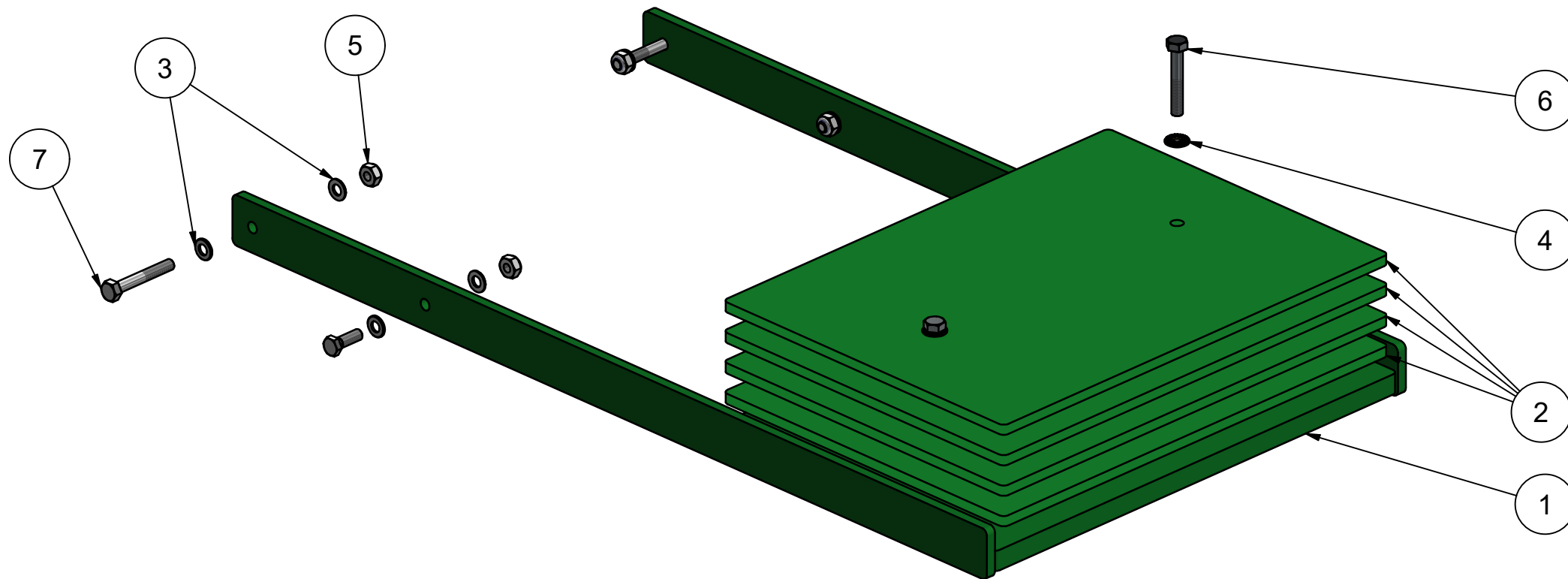


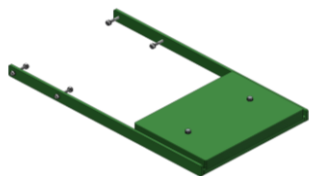
5/7-2021 KJ

Pos.	Benævnelse	Description	Artikel	#	Nr.	Note
1	Tiplad	Body	Ladefläche	1	78-708-810	
2	Cylinder	Cylinder	Zylinder	1	9796000	
3	Cylindernagle - kort	Cylinder Bolt	Zylinderbolzen	1	223-002-70	
4	Hængsel - hun / venstre	Hinge female left	Scharnier links	4	223-002-25	
5	Hængsel - hun / højre	Hinge female right	Scharnier rechts	2	223-002-20	
6	Ladside - venstre	Lank side left	Pritschenseitenteil links	1	77-801-340	
7	Ladside - højre	Lank side right	Pritschenseitenteil rechts	1	77-801-350	
8	Bagsmæk	Tailgate	Heckklappe	1	223-000-90	
9	Hjørnestolpe	Corner post	Eckrunge	2	77-409-940	
10	Dupsko 40mm	Plastic stopper	Plastikverschlussstopfen	2	DPD 40x40	
11	Gummistop for bagsmæk	Tailgate stop	Heckklappe Stopf	2	78-708-801	
12	Cylindernagle - lang	Cylinder Bolt	Zylinderbolzen	1	223-002-72	
13	Vippeplade	Tipping flange	Kippflansch	4	226-050-16	Machine number dependent
					78-708-802	
14	Afstandsring 5 mm	Spacer ring	Distanzring	4	36-053-526	
15	Ringsplit	Folding pin	Klappsplint	1	38-000-008	
16	Sikkerhedsstang	Load bed support	Kippkastenabstützung	1	78-606-520	
17	Klemrørsbærer	Spring clip	Federklammer	1	031-000-049	
18	Støddæmperpude	Damper plate	Stossplatte	2	76-200-153	
19	Underdel for lad	Lower structure	Pritschen Unterteil	1	78-601-510	
20	Sintermetal bøsning	Bushing	Buchse	4	54-720-025	
21	Facetskive	Washer	U-Scheibe	4	36-300-020	
22	Maskinbolt	Machine screw	Maschinenschraube	2	28-120-100	
23	Låsemøtrik	Locking nut	Sicherungsmutter	2	31-101-020	
24	Sætskrue	Set screw	Stellschraube	2	29-116-050	
25	Møtrik	Nut	Mutter	2	31-001-016	



Option 78-903-610 Modvægt 89 kg under lad,
Tipper counterweight, Kipper Gegengewicht
28/4-2021 KJ





Multi/Maxi Option 78-903-610

160kg Modvægt, Counter weight, Gegengewicht

28/4-2021 KJ



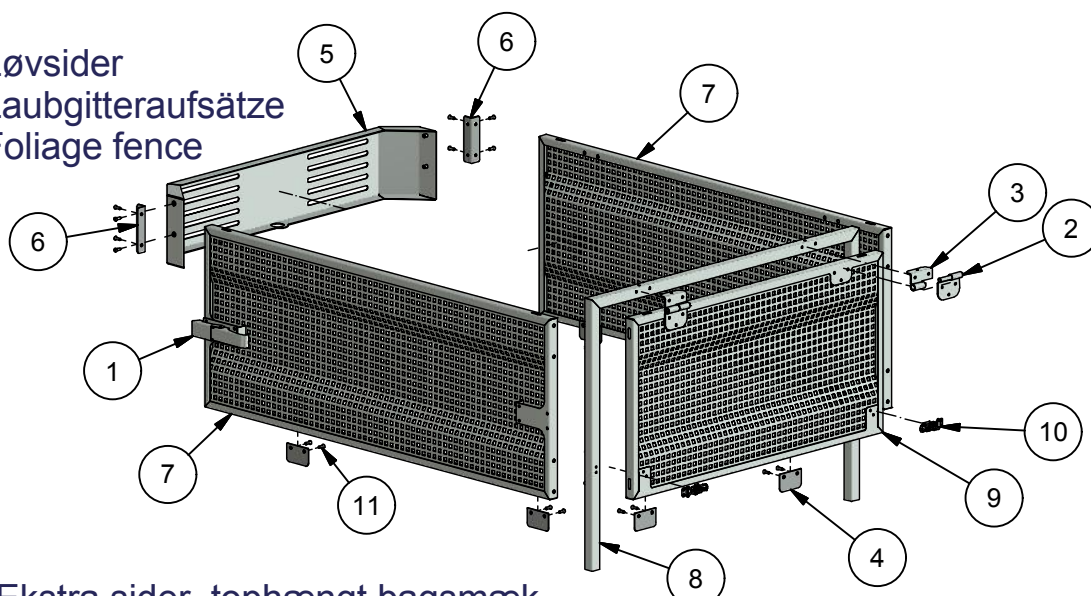
Pos.	Benævnelse	Description	Artikel	#	Nr.	Note
1	Bundstykke for modvægt	Counterweight frame	Gegengewicht Rahmen	1	78-903-615	35 kg
2	Vægtplade for modvægt	Counterweight plate, upper	Gegengewicht	4	78-810-411	13 kg
3	Facetskive	Washer	U-Scheibe	8	36-300-010	
4	Rillet skive	Contact washer	Sicherungsscheibe	2	35-200-010	
5	Låsemøtrik	Locknut	Sicherungsmutter	4	31-101-010	M10
6	Maskinbolt	Machine screw	Maschinenschraube	2	28-110-065	M10 x 65
7	Maskinbolt	Machine screw	Maschinenschraube	2	28-110-070	M10 x 70
8	Sætskrue	Set screw	Stellschraube	2	29-110-030	M10 x 30



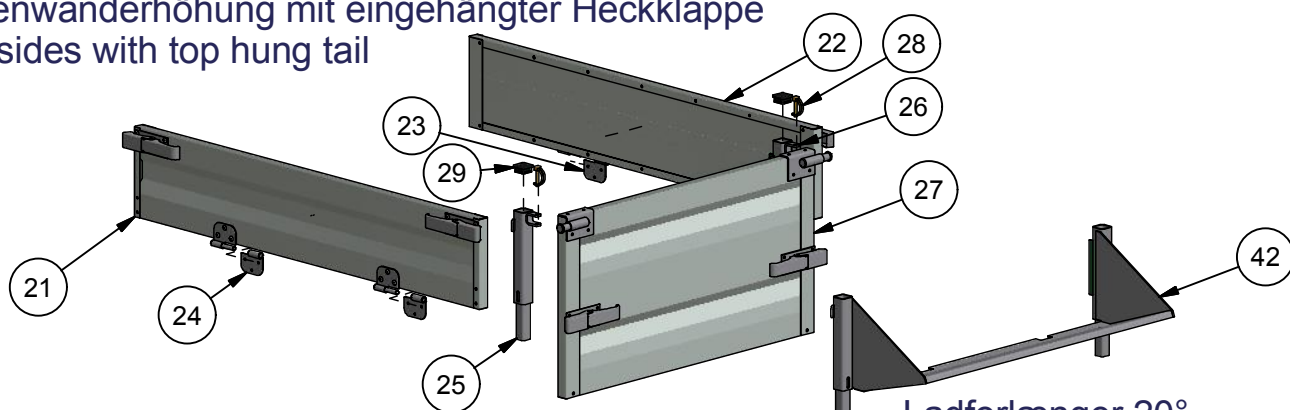


Tilbehør til lad / Pritschen Zubehör / Body accessories Multi EL & Maxi EL 2017

Løvsider
Laubgitteraufsätze
Foliage fence

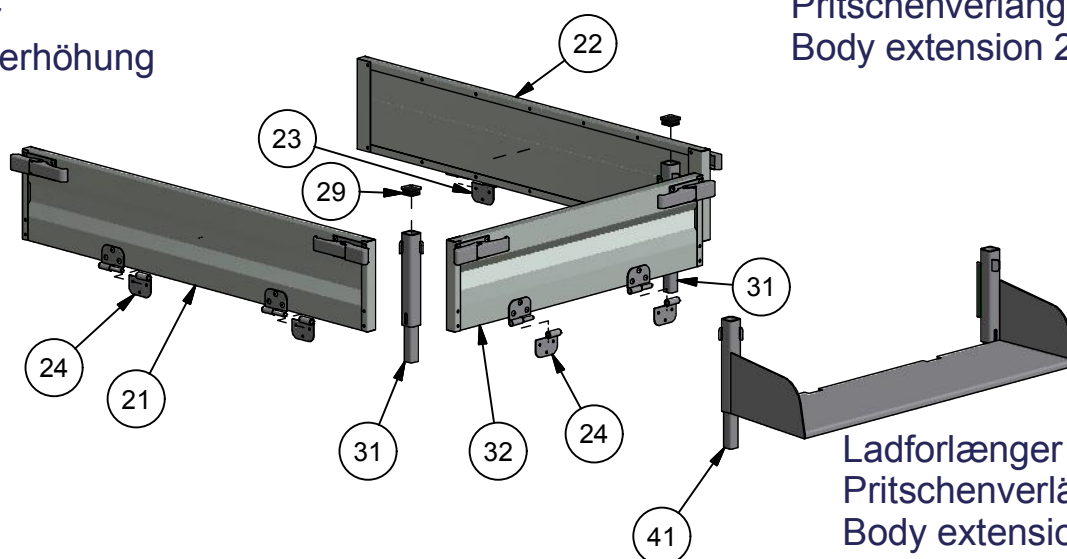


Ekstra sider, tophængt bagsmæk
Seitenwanderhöhung mit eingehängter Heckklappe
Tall sides with top hung tail



Ladforlænger 20°
Pritschenverlängerung 20°
Body extension 20°

Ekstra sider
Seitenwanderhöhung
Tall sides



Ladforlænger lige
Pritschenverlängerung
Body extension straight



GMR
Care for the ground



Drawing 78-606-550

Lad tilbehør / Pritschen Zubehö / Body accessories Multi + Maxi EL 2017



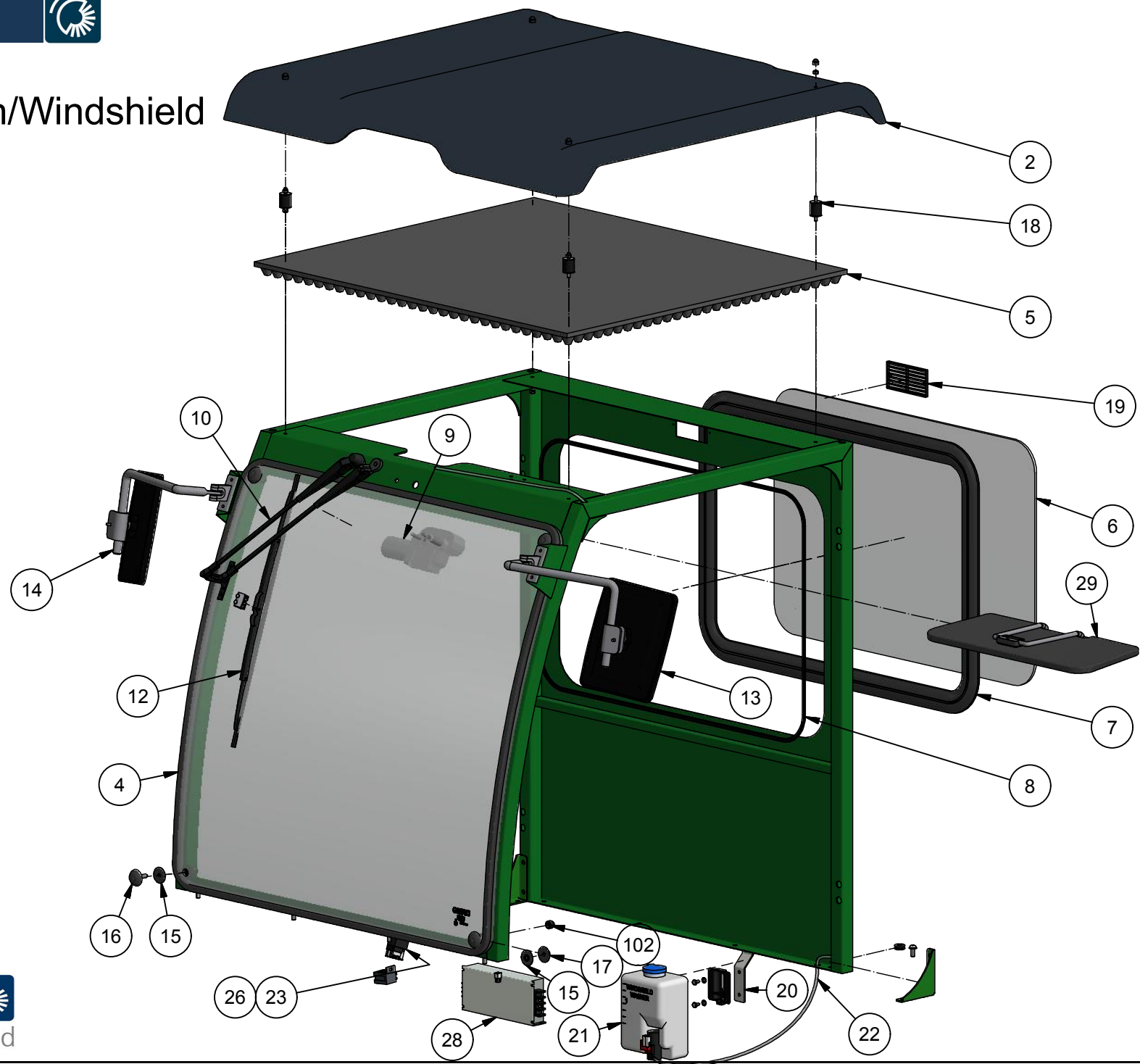
Pos.	Description	Pcs	Sparepartno	Note
Foliage fence			78-302-400	
1	Hook shutter	2	105-02G	
2	Hinge male	2	223-002-10	
3	Hinge female	2	223-002-30	
4	Stopper plate	6	78-302-401	
5	Front plate	1	78-302-402	
6	Bracket	2	78-302-403	
7	Foliage side	2	78-302-420	
8	Rear frame	1	78-302-430	
9	Foliage door	1	78-302-440	
10	Clasp	2	0960-542500301	
11	Unbraco screw	28	0712-06020	M6 x 20 mm
Tall sides with hinged tailgate			77-801-445	
21	Body side	1	77-801-340	L
22	Body side	1	77-801-350	R
23	Hinge female right	2	223-002-20	
24	Hinge female left	2	223-002-25	
25	Corner post	1	77-606-480	L
26	Corner post	1	77-606-485	R
27	Hinged tailgate	1	77-606-470	
28	Ringsplit	2	38-000-008	
29	End plug	2	DPD 40X40	40 x 40
Elevated sides			78-801-440	
21	Body side	1	77-801-340	L
22	Body side	1	77-801-350	R
23	Hinge female right	2	223-002-20	
24	Hinge female left	4	223-002-25	
31	Corner post	2	77-409-940	
32	Tailgate	1	223-000-90	
41	Body extension	1	77-701-340	0°
42	Body extension angle	1	77-511-550	20°



78-601-200 2018

Kabine/Schutzdach/Windshield

Multi EL 23/11-2018





Kabine / Schutzdach / Windshield

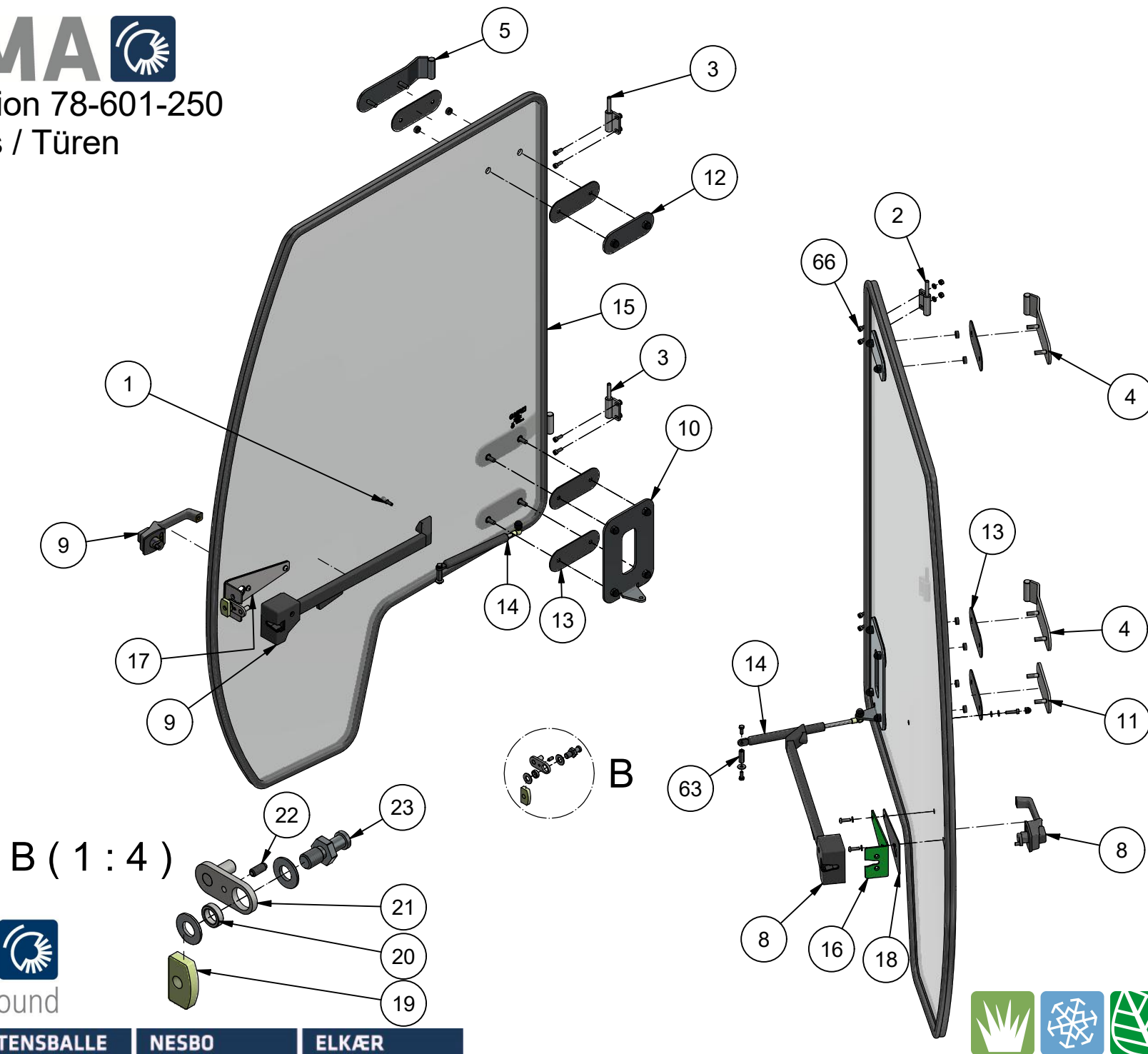
Multi EL Option 78-601-200

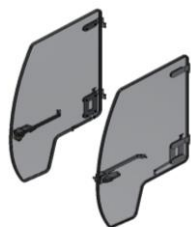
23/11.2018 KJ



Pos.	Benævnelse	Artikel	Description	#	Nr.	Note
1	Kabineramme	Rahmen	Frame	1	78-601-210	
2	Tag	Dach	Roof	1	FM3300000	
3	Forrude	Windschutzscheibe	Windshield	1	78-601-201	6 mm tempered
4	Kantliste med gummi på siden	Kantenschutzprofil	Edge rubber list	3,7 m	009-100-052	B0043A
5	Lydisoleringsmåtte	Dämmmatte	Noise reduction mat	1	100040227-1	
6	Bagrude førerværn ML98	Heckscheibe	Rear Window	1	030-000-265	6 mm Tempered
7	Låsegummiprofil (glasliste)	Kantenschutzprofil	Edge rubber list	4 m	009-100-072	
8	Låsekile	Verriegelungsleiste	Locking wedge	4 m	009-100-073	PVC 9,5x7,5mm
9	Viskermotor	Wischermotor	Wiper motor	1	030-000-321	12V 90gr
10	Parallelogram arm	Wischerarm Parallel	Wiperarm parallel	1	030-000-322	450 mm
12	Viskerblad	Wischerblatt	Wiper blade	1	100036682	
13	Sidespejl venstre	Spiegel links	Left mirror	1	100044958	
14	Sidespejl højre	Spiegel rechts	Right mirror	1	100044956	
15	Gummiskive f. rude	Unterlegscheibe	Rubber disc	8	100044551	
16	Rudebolt	Kombischraube	Bolt for glas	4	100044555	
17	Plastskive f. rude	Kunststoffscheibe	Plastic disc	4	100044552	
18	Vibrationsdæmper	Gummi-Metall-Puffer	Vibration damper	4	100034267	
19	Plastgitter / friskluft udtag	Belüftungsgitter	Ventilation grill	1	009-100-064	
20	Sprinklerbeholder beslag	Behälterbeschlag	Container bracket	1	78-601-204	
21	Sprinklerbeholder m/motor	Wasserbehälter mit Pumpe	Sprinkler container with pump	1	160001	
22	Plast slange	Kunststoffschlauch	Plastic hose	3 m	SCA147.004	Ø6/Ø4 mm
23	Vippekontakt	Kippschalter	Rockerswitch	1	511003	
27	Ledningsnet kabine	Kabelstrang	Wire harness	1	9806230	
28	Omformer	Konverter	Converter	1	RSD-300C-12	48V/12V 300W
29	Solskærm	Sonnenblende	Sun shield	1	100041131	







Døre, Doors, Türen

Multi Option 78-601-250

4/8-2020 KJ

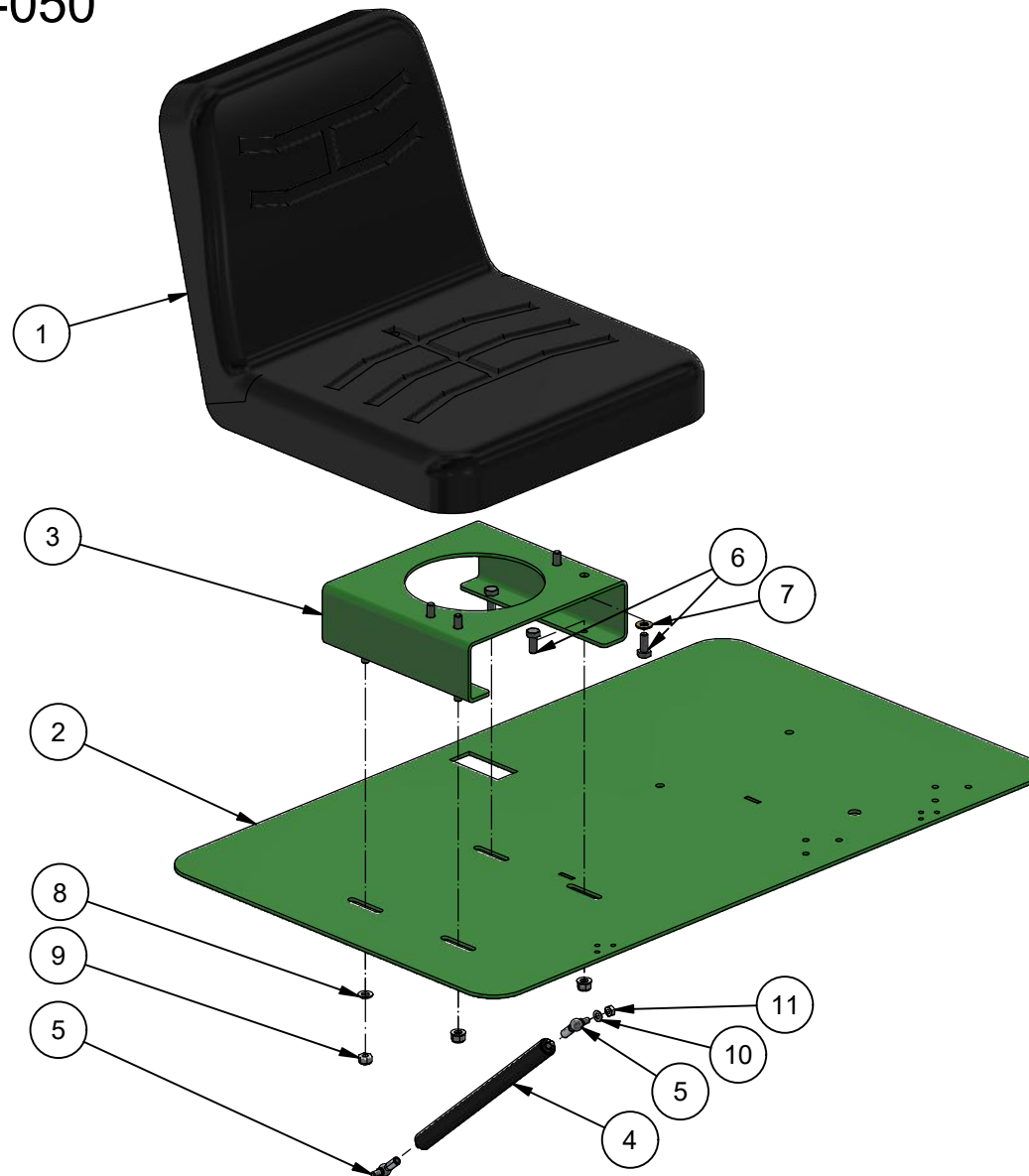


Pos.	Benævnelse	Description	Artikel	#	Nr.	Note
1	Glasdør	Glass Door	Glastür	2	78-601-251	6 mm Tempered
2	Dørhængsel - venstre	Door hinge left	Türscharnier links	2	022-000-054	
3	Dørhængsel - højre	Door hinge right	Türscharnier rechts	2	022-000-053	
4	Dørhængsel venstre	Door hinge left	Türscharnier links	2	78-601-260	
5	Dørhængsel højre	Door hinge right	Türscharnier rechts	2	78-601-265	
6	Bøsning for glasdør	Bushing for glass	Buchse	12	78-601-253	
8	Dørhåndtag universal m/lås	Door handle with lock	Türgriff mit Schloss	1	009-100-151	L Komplet
9	Dørhåndtag universal m/lås	Door handle with lock	Türgriff mit Schloss	1	009-100-152	R Komplet
10	Dørbeslag for gasfjeder	Door bracket for gas spring	Türbeschläge für Gasfeder	2	031-000-206	
11	Spændebeslag for dørbeslag kabine	Clamping bracket	Spannbeschlag	2	031-000-214	
12	Spænde beslag	Clamping bracket	Spannbeschlag	2	031-000-216	
13	Gummiplade hængsel kabine	Rubber sheet	Gummiplatte	12	030-000-277	2 mm
14	Gasfjeder 110N	Gas spring 110N	Gasfeder 110N	2	009-100-029	215 - 330 mm
15	Gummiprofil m. slange på siden	Edge rubber list	Kantenschutz mit Seitengummi	2 x 5m	009-100-052	
16	Beslag venstre for håndtag	Bracket for handle	Griffbeschlag	1	78-601-271	L
17	Beslag højre for håndtag	Bracket for handle	Griffbeschlag	1	78-601-272	R
18	Gummiplade dørhåndtag	Rubber sheet	Gummiplatte	2	78-601-252	2 mm
19	Låseplade med gevind	Locking plate	Schlossplatte	2	D0205	
20	Distancebøsning	Distance piece	Distanzstück	2	Fm3359000	
21	Dør-åbent holder	Door positioner	Türaufsteller	2	Fm3342000	
22	Fjedrende trykstykke m. kugle	Setscrew with ballpoint	Stellschraube mit Federkugel	2	100046591	M6x14
23	Skrue for dørlås	Latch bolt	Verriegelungsschraube	2	A16640	
63	Langmøtrik	Long nut	Langmutter	2	31-040-006	M6 x 30mm
66	Rundhovedet unbracoskrue	Cylinder head screw	Zylinderschraube	8	32-106-016	M6 x 16mm



Small passenger seat, Small passenger seat, kleine Beifahrersitz Multi EL Option 20-08-050

17/8-2020 KJ





Small passengersæde, Small passenger seat

Kleine Beifahrersitz

Multi Option 20-08-050



17/8-2020 KJ

Pos.	Benævnelse	Description	Artikel	#	Nr.	Note
1	Sæde, smalt	Seat, narrow	Sitz, schmal	1	1350-200130	410 mm
2	Sædekasselåg	Lid under seat	Abdeckplatte unter Sitz	1	20-08-051	
3	Sæde forhøjer	Spacer	Abstandshalter	1	20-08-055	
4	Gasfjeder	Gas spring	Gasdruckfeder	1	223-400-02	250 N
5	Vinkel-led	Angle joint	Winkelgelenk	2	1100-101006	
6	Maskinbolt	Machine screw	Maschinenschraube	8	28-108-020	M8 x 20
7	Rillet skiver	Contact washer	Sicherheits-Scheibe	4	35-200-008	
8	Facetskive	Washer	U-Scheibe	4	36-300-008	
9	Låsemøtrik	Lock nut	Sicherungsmutter	4	31-101-008	
10	Facetskive	Washer	U-Scheibe	1	36-300-006	
11	Møtrik	Nut	Mutter	1	31-001-006	

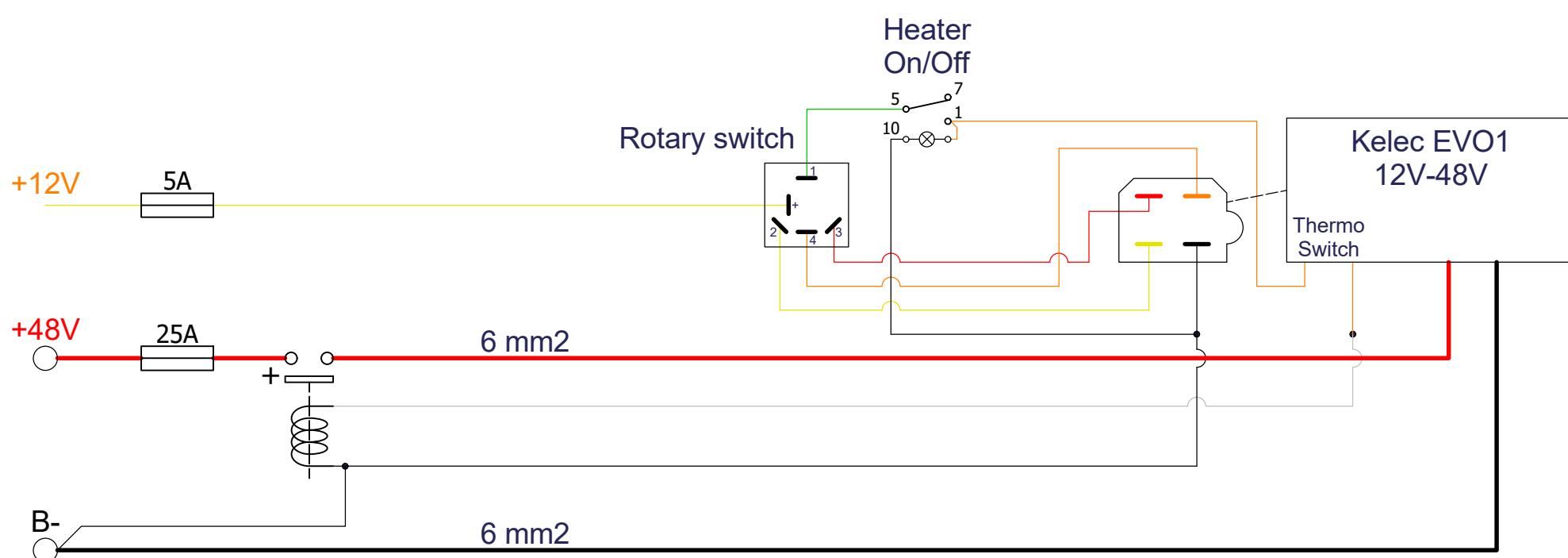
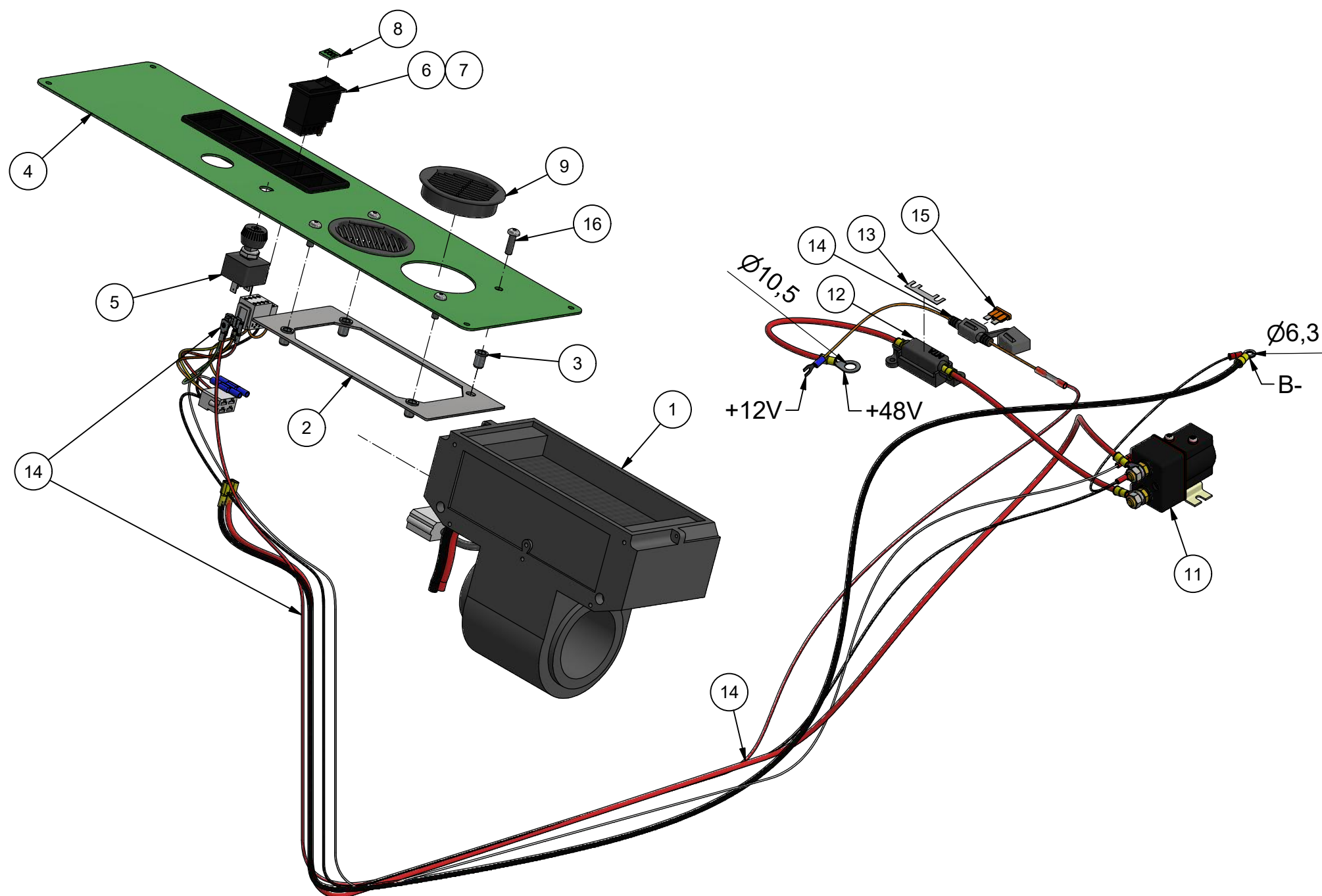


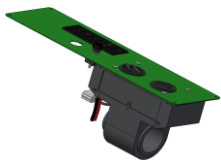
Varmeblæser / Evaporator / Heizung

Multi EL Option 78-610-200

EVO EL Option FL4400210

(78-201-290) 1/2-2019 KJO





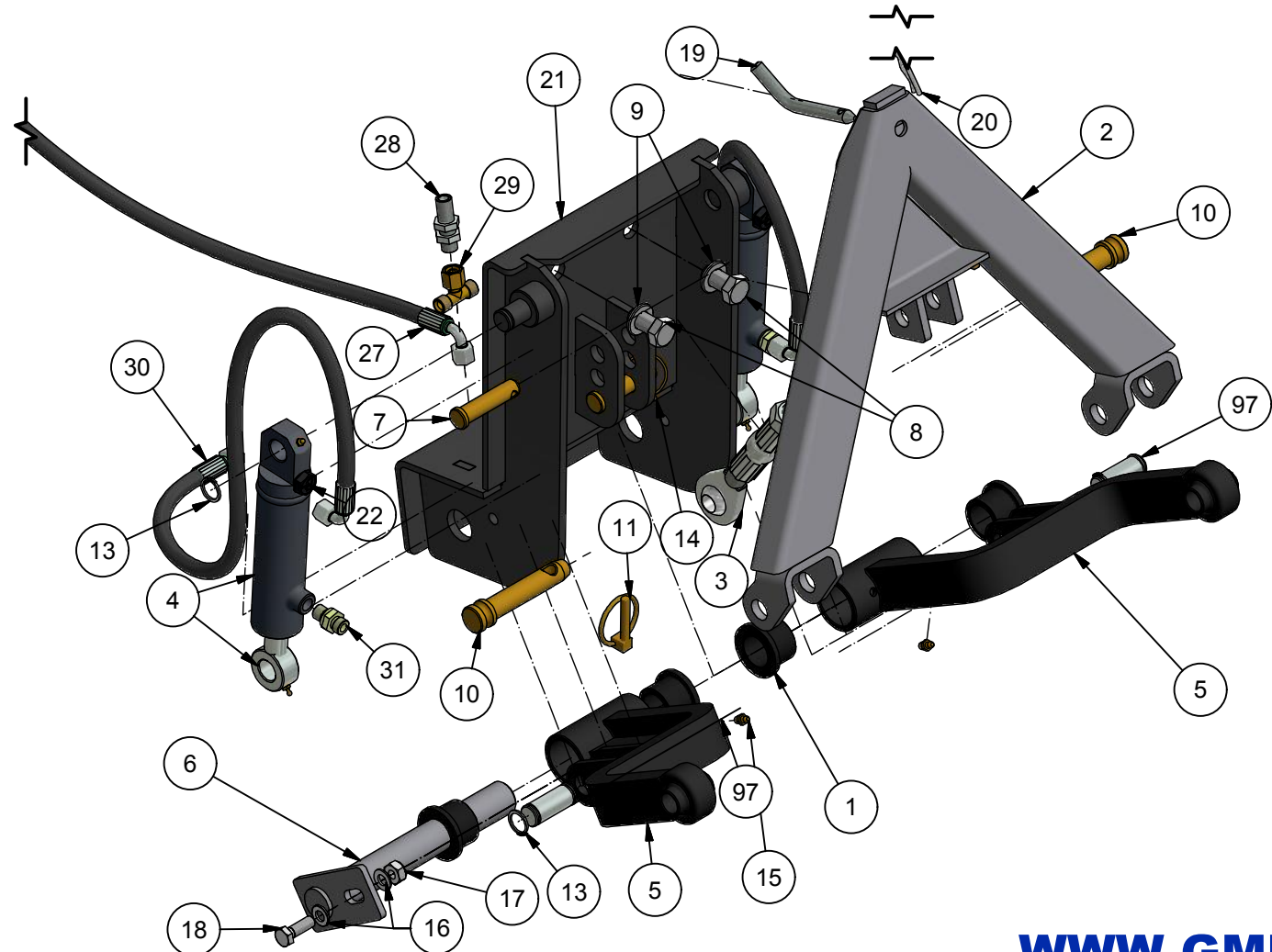
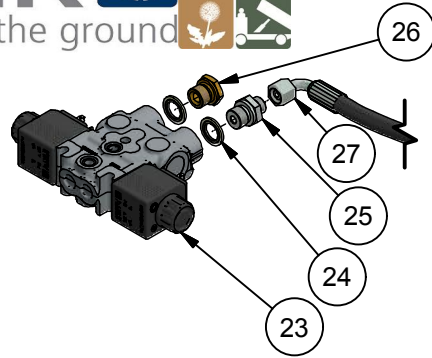
Blæser/Evaporator/Heizung Multi EL 2017



Option 78-610-200 12/9-2018

Pos.	Benævnelse	Description	Artikel	#	Nr.	Note
1	Varmeapparat	Evaporator	Verdampfer	1	2017-0068	48V 1700W
2	Monteringsplade	Mounting plate	Platte für Blindnieten	1	78-610-201	
3	Blindnitemøtrik	Blind rivet	Blindnieten	4	1111-06-017	
4	Instrumentpanel f. varmeapparat	Dashboard plate	Instrumententafel	1	78-601-236	
5	Drejekontakt	Rotary switch	Drehschalter	1	2017-0065	0-1-2-3
6	Kontakt	Rocker switch	Kippschalter	1	511106	
7	Instrumentpære	Instrument Light bulb	Glühbirne	1	AL12516	
8	Symbol varme	Heating Symbol	Symbol Wärme	1	2017-0066	
9	Dyse for varmeudtag	Air vent	Luftdüse	2	009-100-063	Specify Machine Number
					2020-0007	
11	Relæ	Relay	Relais	1	2017-0045	
12	Sikringsholder	Fuse holder	Sicherungshalter	1	191190	
13	Sikring	Fuse	Sicherung	1	192705	25A
14	Ledningsnet	Wire harness	Kabelbaum	1	78-601-291	
15	Sikring	Fuse	Sicherung	1	ES837-05	5A
16	Unbracobolt	Cylinder head screw	Zylinderschraube	4	0310-06020	







Front Lift / Frontaushebung

Multi EL 2017

78-601-700



Pos	Description	Pcs	Sparepartno	Note
1	Flange bushing	4	91-72-081	
2	"A" Frame	1	77-501-630	
3	Top Link	1	59-190-616	
4	Cylinder	2	01-635-104	
5	Lift Arm,Long	2	78-103-420	
6	Bolt	1	N30x220-50	
7	Bolt	2	47-016-048	
8	Set Screw	2	29-116-030	
9	Facet washer	2	36-300-030	
10	Top Link Bolt	2	47-019-065	
11	Ringsplit	2	38-000-008	
12	Cylinder bolt	2	77-603-104	
13	Locking Ring	6	20-101-020	
14	Ring split	2	38-000-004	
15	Grease nipple	2	57-000-008	
16	Facet washer	2	36-300-010	
17	Locking nut	1	31-101-010	
18	Set Screw	1	29-110-030	
19	Split nagel	1	13-000-004	
20	Split nagel	1	38-204-075	
21	Front lift braket	1	78-601-710	
22	Venting plug	2	50-011-014	
23	Electrical valve	1	2017-0001	
24	Bonded seal	2	42-000-038	3/8"
25	Fitting	1	A08LR3/8	
26	Plug	1	08BPU06	
27	Hose	1	031-2400-FM149-FM149	
28	Bulkheadconnect	1	K08L	
29	Adjustable Tee	1	VC08L	
30	Hose	2	031-0700-FM140-FM140	
31	Fitting	2	A08RL	

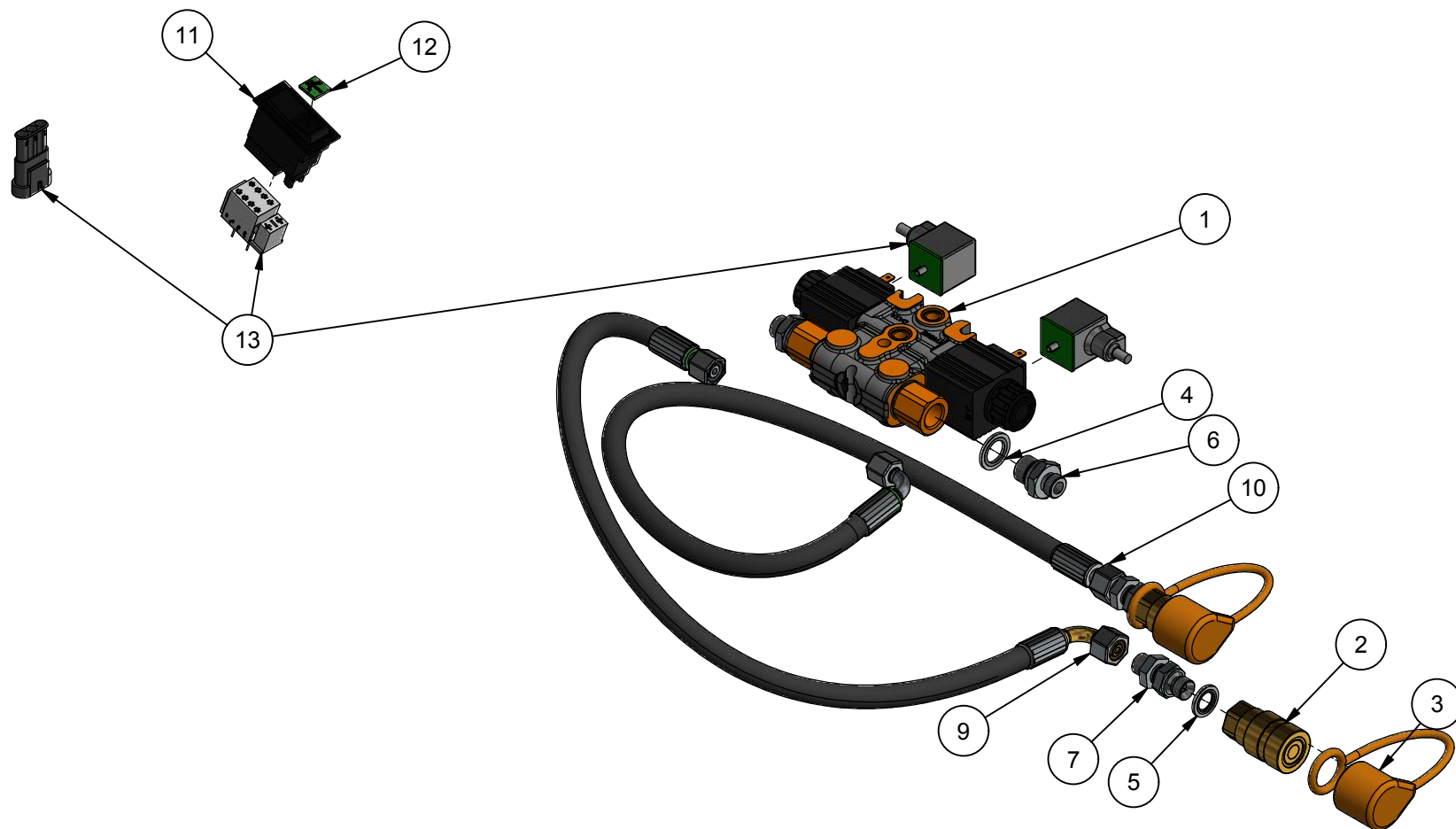


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Multi EL Option 78-601-720 Udtag i bag

Doubleacting Output rear / Steuergerät für Schwenken, hinten

8/2-2019 KJ





Dobbelt hydraulik udtag i bag Multi EL Option 78-601-720

8/2.2019 KJ



Pos.	Benævnelse	Artikel	Description	#	Nr.	Note
1	Retningsventil	Magnetventil	Electric valve	1	DO6DE5EA00005R	
2	Lynkobling	Schnellkuplung	Quick Coupling Female	1	4230-0144	1/4"
3	Støvhætte	Staubhut	Dust cover	1	4230-0144-1	
2	Lynkobling	Schnellkuplung	Quick Coupling Female	1	39-004-042	Alternativ
3	Støvprop	Staubstecker	Dust plug	1	39-004-001	Alternativ
4	Tætningsring	Dichtung	Bonded seal	2	42-000-038	3/8"
5	Tætningsring	Dichtung	Bonded seal	2	42-000-014	1/4"
6	Indskruining	Einschraubverschraubung	Fitting	2	A08LR3/8	
7	Skotforskruning lige	Gerade Schott-Verschraubung	Straight bulkhead connection	2	32BP04	1/4"
9	Hydraulikslange	Hydraulikschlauch	Hydraulic hose	1	031-0650-FM149-FB049	
10	Hydraulikslange	Hydraulikschlauch	Hydraulic hose	1	031-0950-FM149-FB040	
11	Vippekontakt	Wippschalter	Rockerswitch	1	511287	
12	Kontaktsymbol	Schalter Symbol	Switch symbol	1	010-300-220	
13	Ledningsnet	Kabelbaum	Wire harness	1	9806220	



STAMA-HTF



Multi EL Option 78-601-730

Doubleacting Output / Steuergerät für Schwenken

2017-16/1



STAMA-HTF

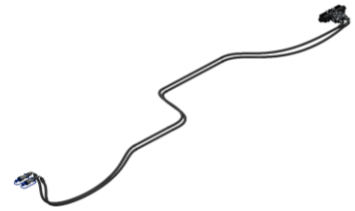
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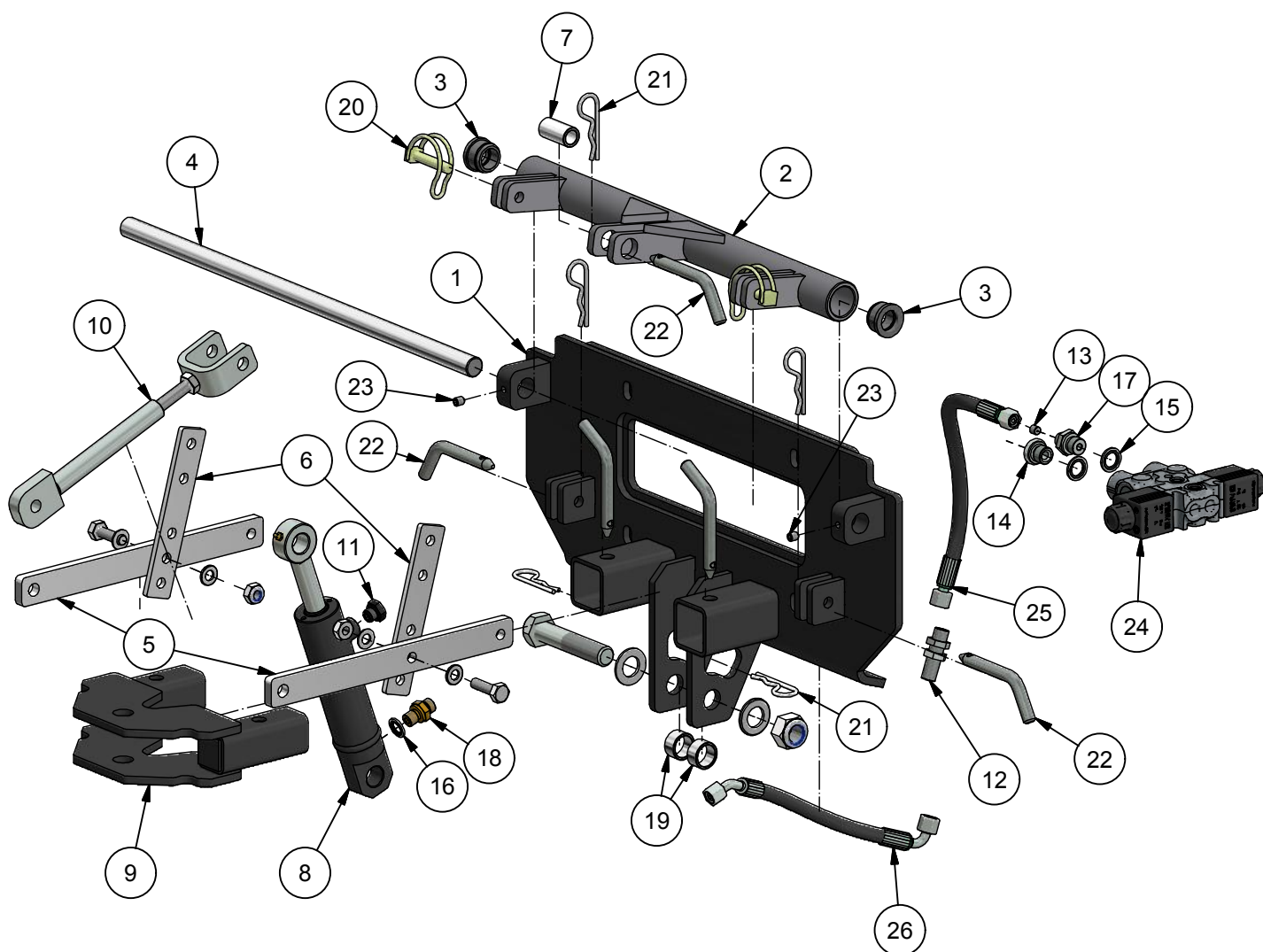


Hydraulic Outputs /
Steuergerät für Schwenken
Multi EL Option 78-601-730

6/1-2017



<i>Pos.</i>	<i>Description</i>			
1	4/3-Way valve	1	2017-0001	3/8" 12V
2	Quick connector	2	39-004-042	1/4"
3	Dust cover	2	39-004-001	
4	Bonded seal	2	42-000-038	3/8"
5	Bonded seal	2	42-000-014	1/4"
6	Fitting	2	A08LR3/8	
7	Fitting	2	A08RLWDX	
9	Hydraulic hose	1	031-2650-FM149-FM149	1/4"
10	Hydraulic hose	1	031-2900-FM149-FM149	1/4"



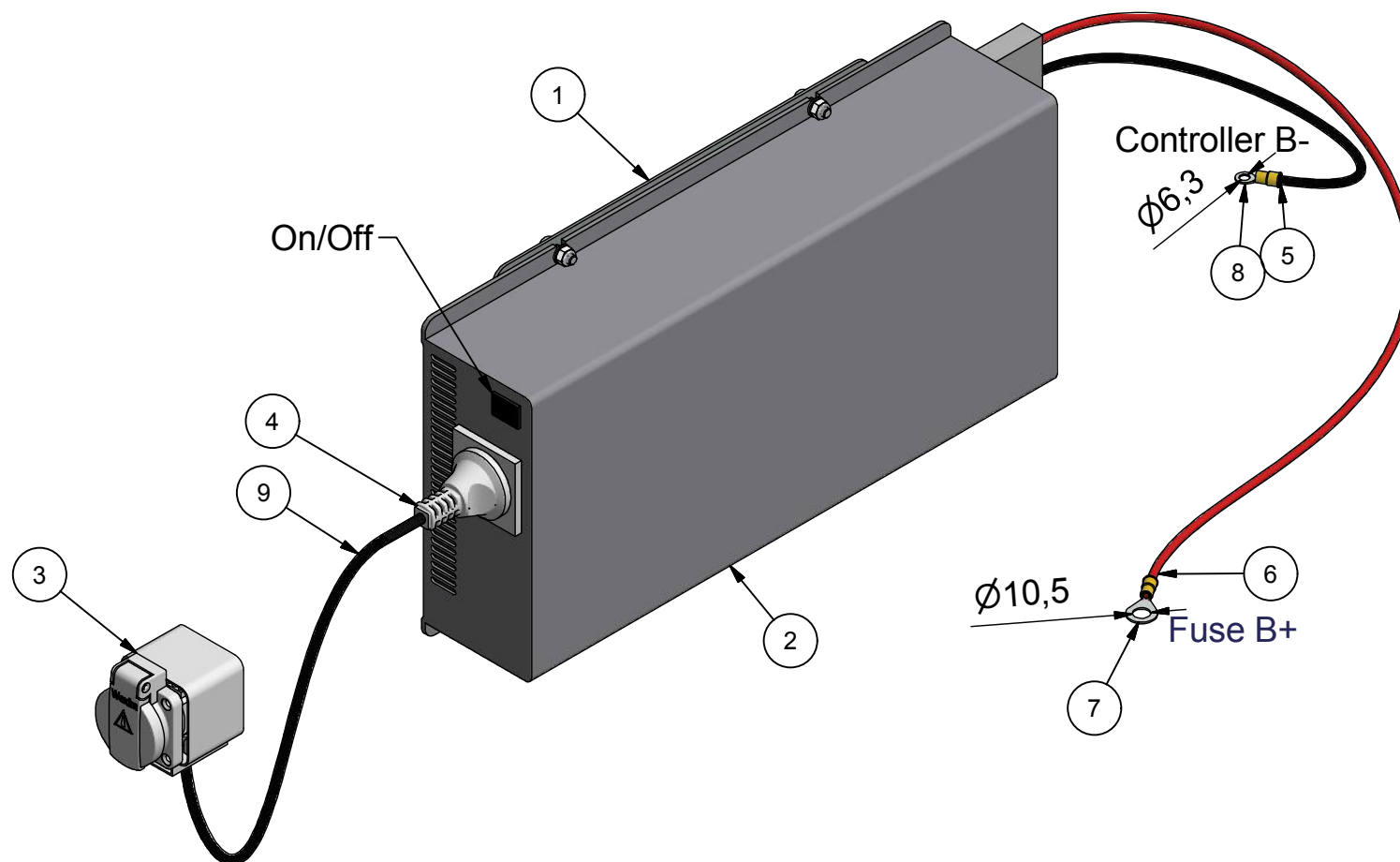


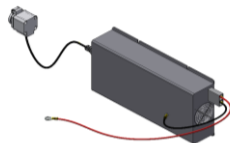
Baglift / Heckaushebung / Rear Lift

Multi EL Option 78-103-475 - 30/1.2012 update 11/10.18

<i>Pos.</i>	<i>Description</i>	<i>Pcs</i>	<i>Sparepartno</i>	<i>Note</i>
1	Lift support	1	78-103-470	-> 2018
			78-810-110	2019 ->
2	Rear lift	1	223-100-10	-> 2018
			78-810-120	2019 ->
3	Bushing	2	77-408-145	Nylon
4	Lift axle	1	223-100-54	-> 2018
			78-810-131	2019 ->
5	Lifting arm	2	223-100-15	
6	Arm	2	223-100-16	
7	Bushing	1	223-100-07	
8	Cylinder	1	01-635-104	
9	Hitch	1	223-100-25	
10	Top link	1	223-101-10	

Inverter Option 78-601-750
48 VDC - 220 VAC True Sine 1500 W
Multi EL 4/12-2018 KJ





Inverter 48VDC x 230 VAC / 1500 Watt Multi EL Option 78-601-750

4/13.2018 KJ



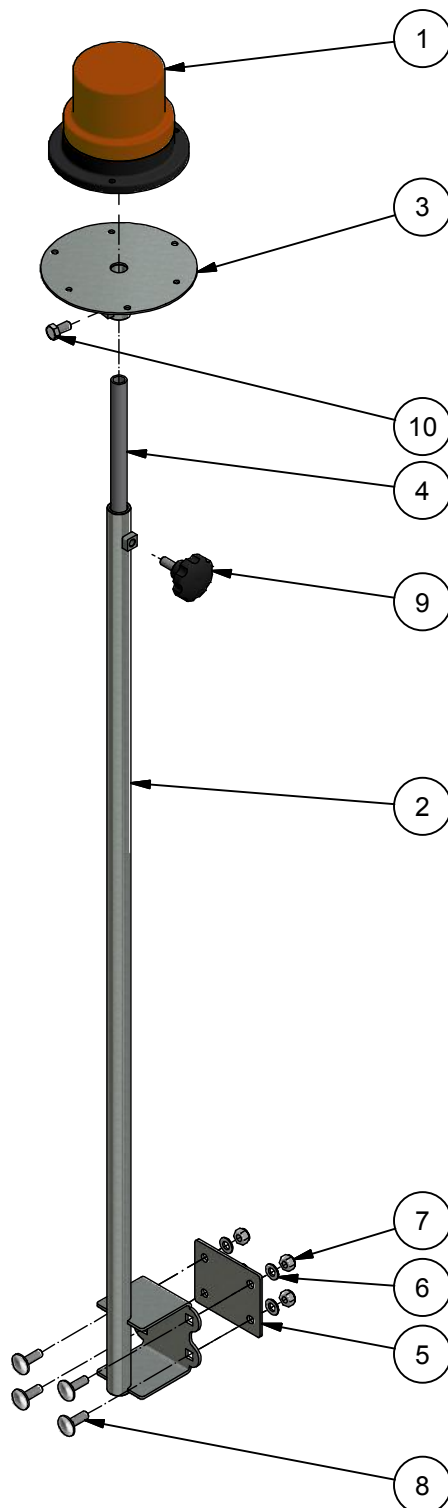
Pos.	Benævnelse	Artikel	Description	#	Nr.	Note
1	Monteringsplade	Halterung	Base plate	1	78-601-751	
2	Inverter	Wechselrichter	Power Inverter	1	2018-0018	1500 W
3	Stikdåse m. klap	Steckdose	Socket	1	8717110230	
4	Stikprop	Stecker	Plug	1	428990132	Schuko
5	Batterikabel	Batteriekabel	Battery cable	0,6 M	1430-003500	6 mm ²
6	Batterikabel rød	Batteriekabel rot	Battery cable red	0,9 M	1430-003510	6 mm ²
7	Øjekabelsko	Kabelschuhe	Cable lug	1	EK160124	Ø10 mm
8	Øjekabelsko	Kabelschuhe	Cable lug	1	1440-000428	Ø6 mm
9	Ledning	Draht	Wire	0,4 M	1430-008520	3 x 1 mm ²





Multi EL 2016 Option 78-601-810

Advarselsblink, Warning beacon, Warnleuchte



GMR
Care for the ground

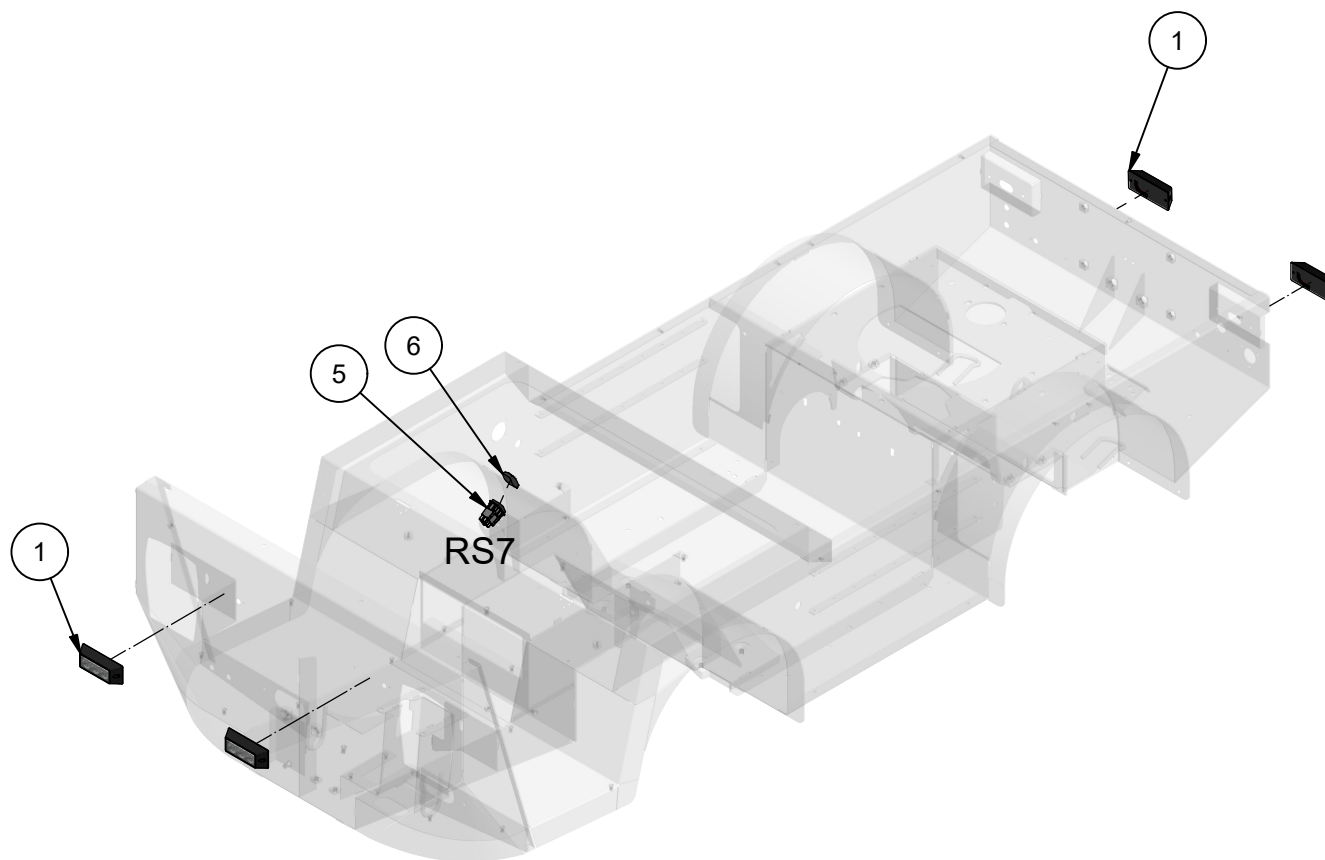




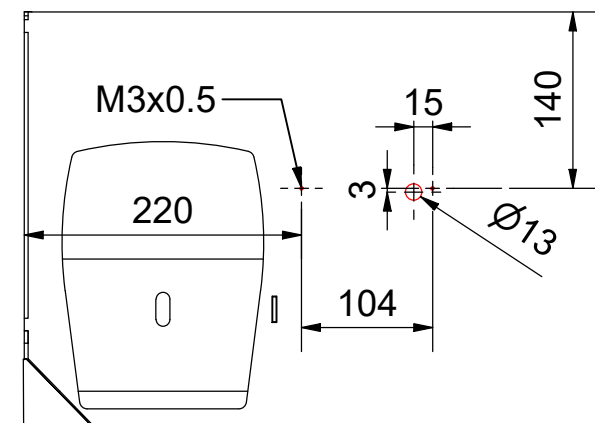
Advarselsblink/Warning Beacon/Warnleuchte
Multi EL Option 78-601-810
20/8-2017



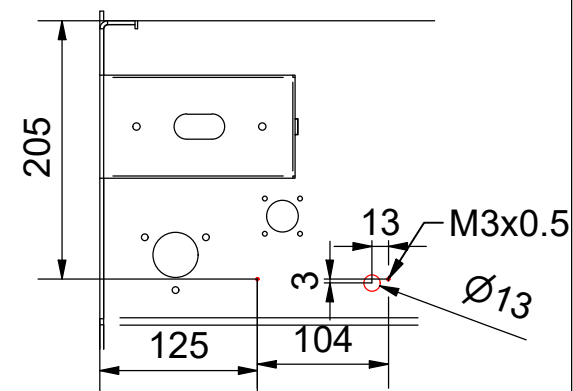
<i>Pos.</i>	<i>Description</i>	<i>Pcs</i>	<i>Sparepartno</i>	<i>Note</i>
1	Warning beacon flash	1	171674	
2	Lightpole	1	78-601-815	
3	Lamp bracket	1	77-801-750	
4	Telescopic tube	1	77-801-758	
5	Stiffening plate	1	78-601-819	
6	Washer	4	36-300-008	
7	Locking nut	4	31-101-008	
9	Carriage bolt	4	30-108-025	M8 x 25
10	Set screw	1	29-108-016	M8 x 16

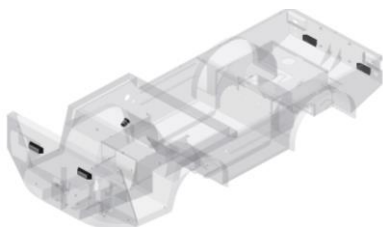


Front



Back





Multi EL Option 78-202-525 LED-Flash Chassis

28/6-2021 KJ



Pos.	Benævnelse	Description	Artikel	#	Nr.	Note
1	LED Advarselsblink	LED Flash lamp	LED Blitzleuchte	4	2015-0080	
2	Rundstiksko han	Cable lug round male	Kabelschuhe männlich	7	1440-000217	4 mm red 0,5-1,5 mm ²
3	Rundstiksko hun	Cable lug round female	Kabelschuhe weiblich	7	1440-000213	4 mm red 0,5-1,5 mm ²
4	Sokkel t/kabelbinder	Adhesive cable tie mount	Kabelbinderhalterung	4	1435-070010	25x25
5	Kontakt On/Off	Rockerswitch	Wippschalter	1	2018-0011	
6	Symbol rotorblink	Switch key	Taster	1	2019-0004	
7	Kabelsko hun	Cable lug female	Kabelschuhe weiblich	1	226-002-02	

