

Manual wheelchair



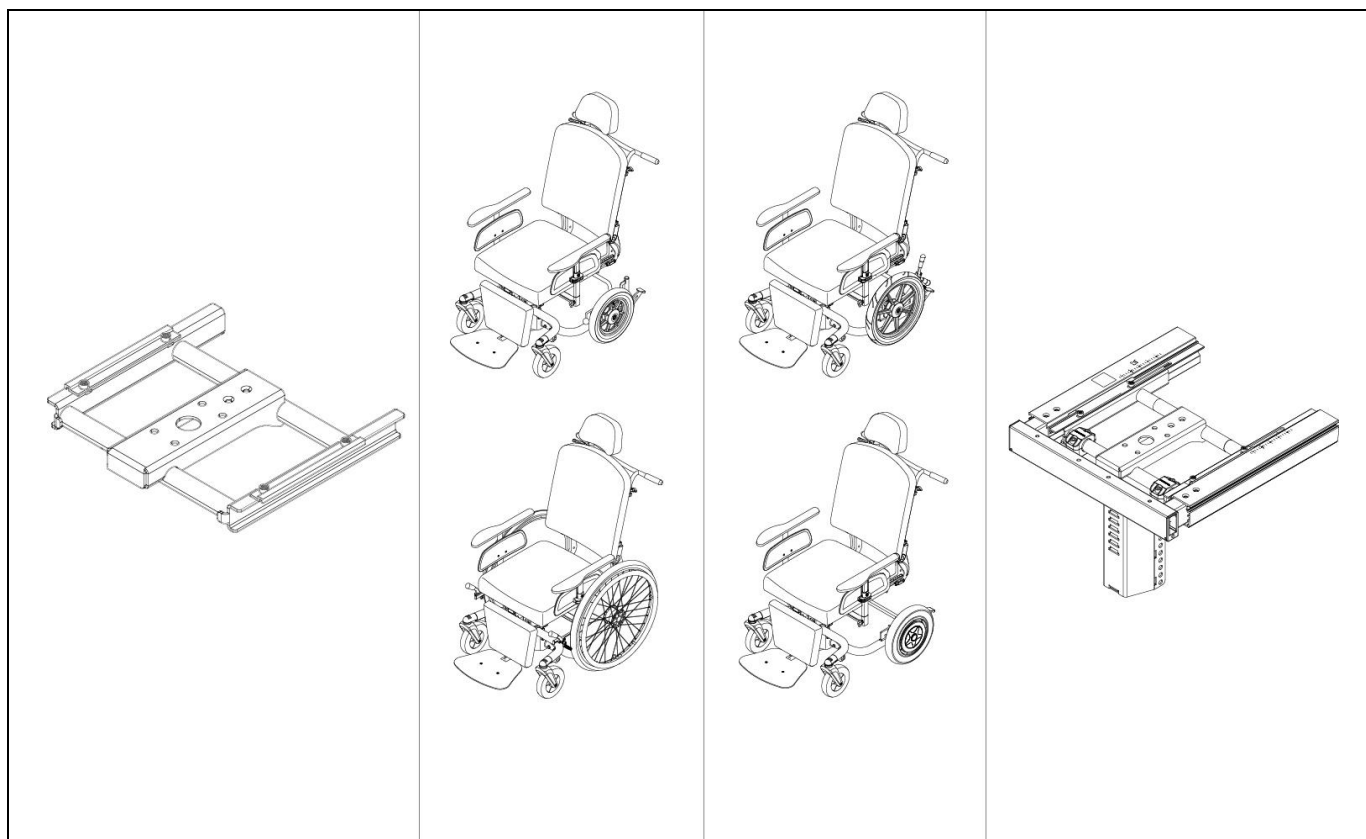
Ibis

TECHNICAL MANUAL

EN

 **Breezy®**

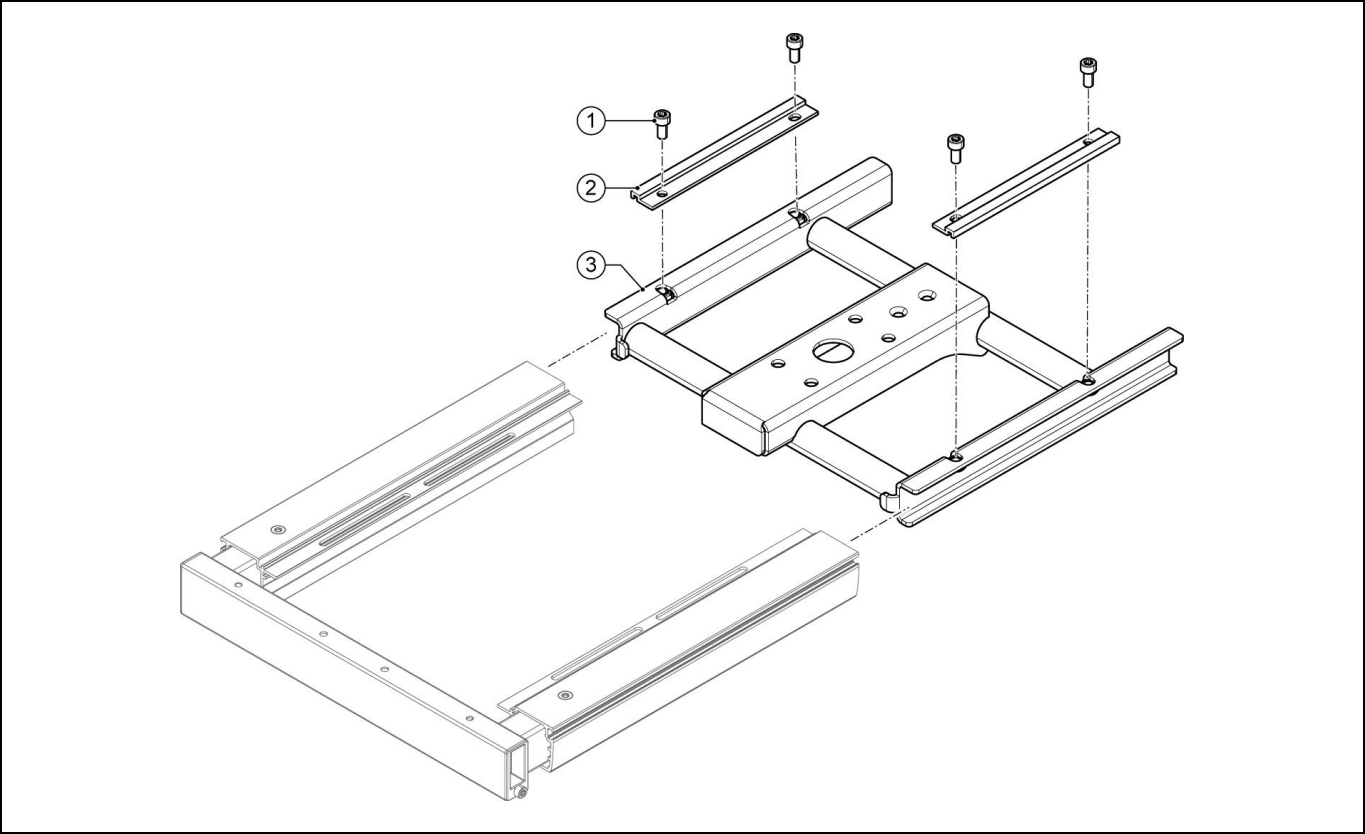
Overview spare parts



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5.1 Interface

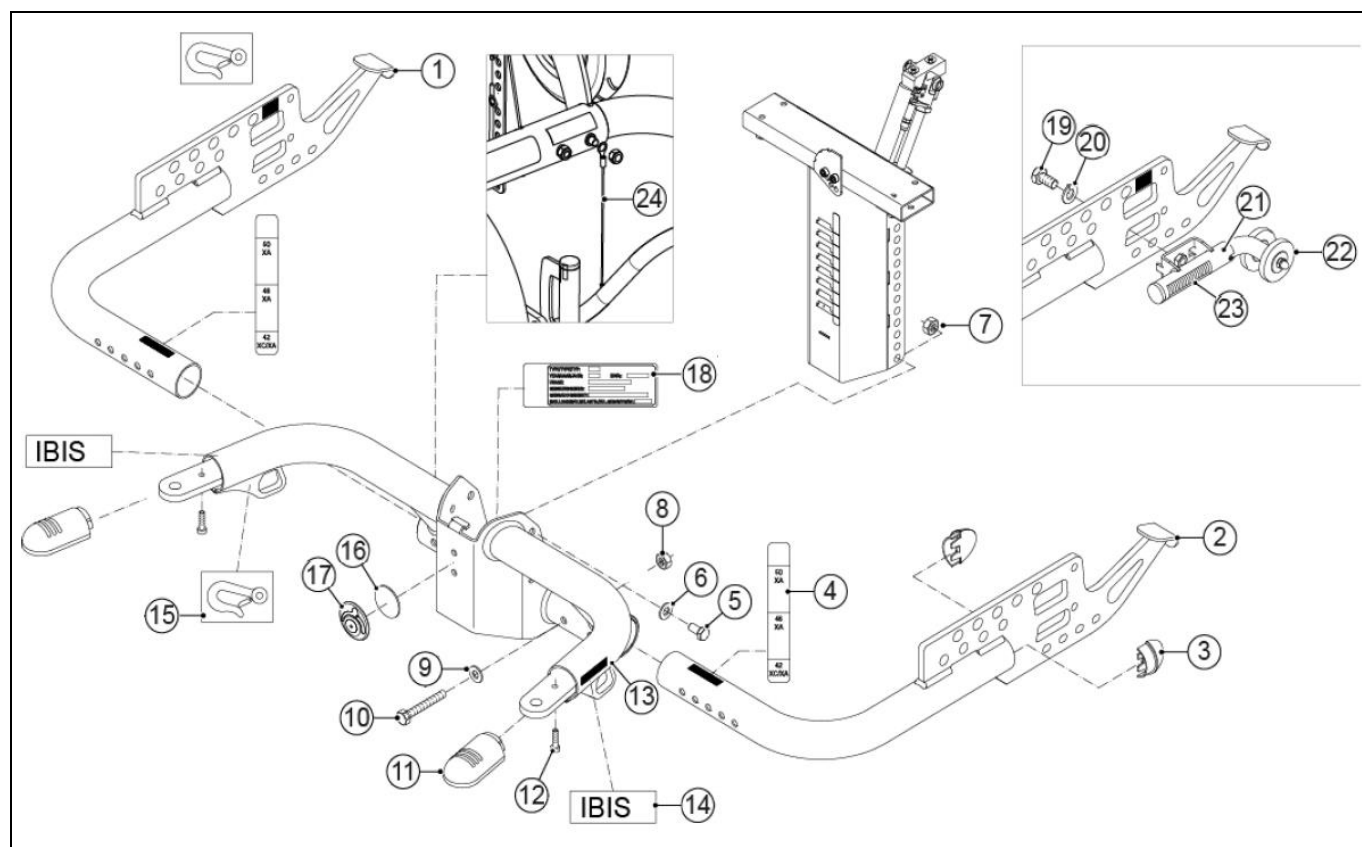
01 Sedeo Pro seating system interface



Pos	Article number	Units	Description	
1 - 3	1010958	1	Seat frame Sedeo Pro	

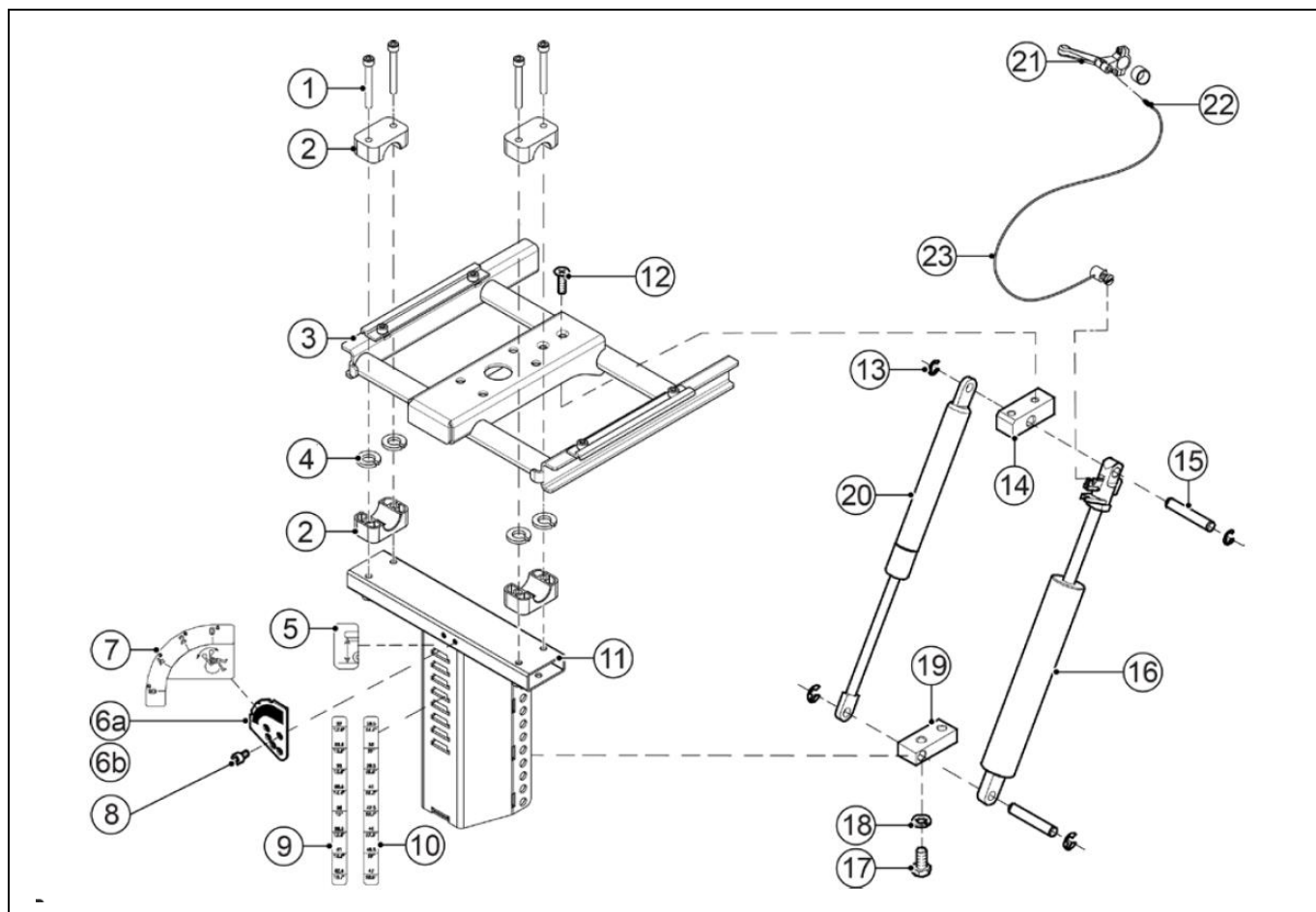
5.2 12,5" / 20" / 22" / 24 rear wheels

02 Carrier



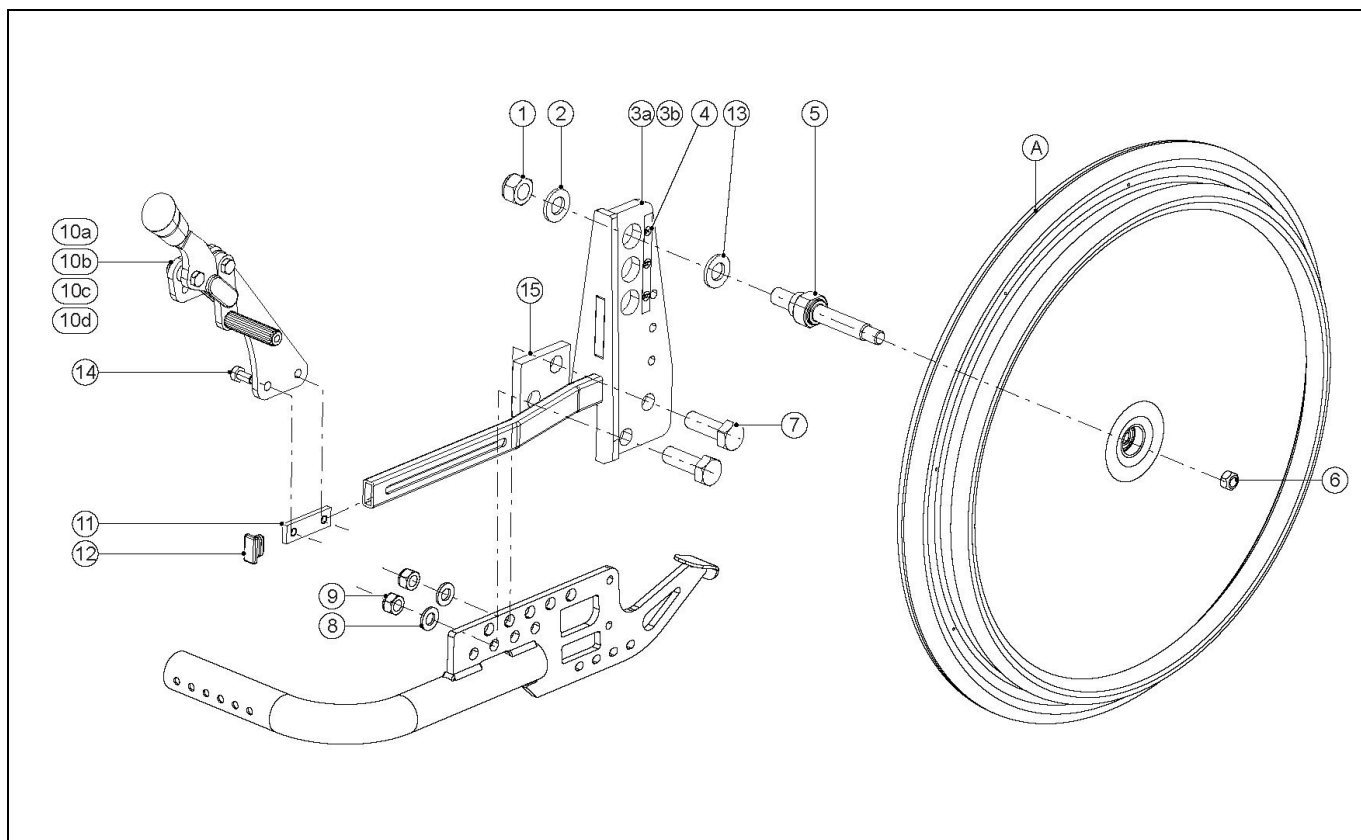
Pos	Article number	Units	Description
1	1014932	1	Carrier rear frame grey metallic, right
2	1014933	1	Carrier rear frame grey metallic, left
3	9000943	4	Tube cap frame
4	1003247	2	Label back rest angle (sticker sheet)
5	00000.4312	4	Hex bolt M8x16
6	00000.2003	4	Washer flat M8 D125A/vz
7	00000.1702	4	Locknut M8 D985/8/vz
8	00000.1702	4	Locknut M8 D985/8/vz
9	00000.2003	4	Washer flat M8 D125A/vz
10	00000.4041	4	Hex bolt M8X55
11	9001140	2	Tube cap
12	1002789	2	Screw 4X16
13	1014931	1	Carrier front frame grey metallic
14	9006988	2	Label IBIS
15	1003247	4	Label back rest angle (sticker sheet)
16-17	1018551	1	Logo Breezy
18	-	1	Identification plate
19-23	1008040	1	Anti tip (set)
19	00000.4311	2	Hexagonal tap bolt M8X20 VZ
20	00000.2203	2	Spring washer SW8
21	9000999	2	Anti tip
22	9001004	4	Anti tip wheel
23	9001098	2	Anti tip spring
-	9001978	2	Spacer plate 0,5mm
	9001980	2	Spacer plate 1,0mm
	9001981	2	Spacer plate 1,5mm
24	9008836	1	Anti static cable

03 Seat post



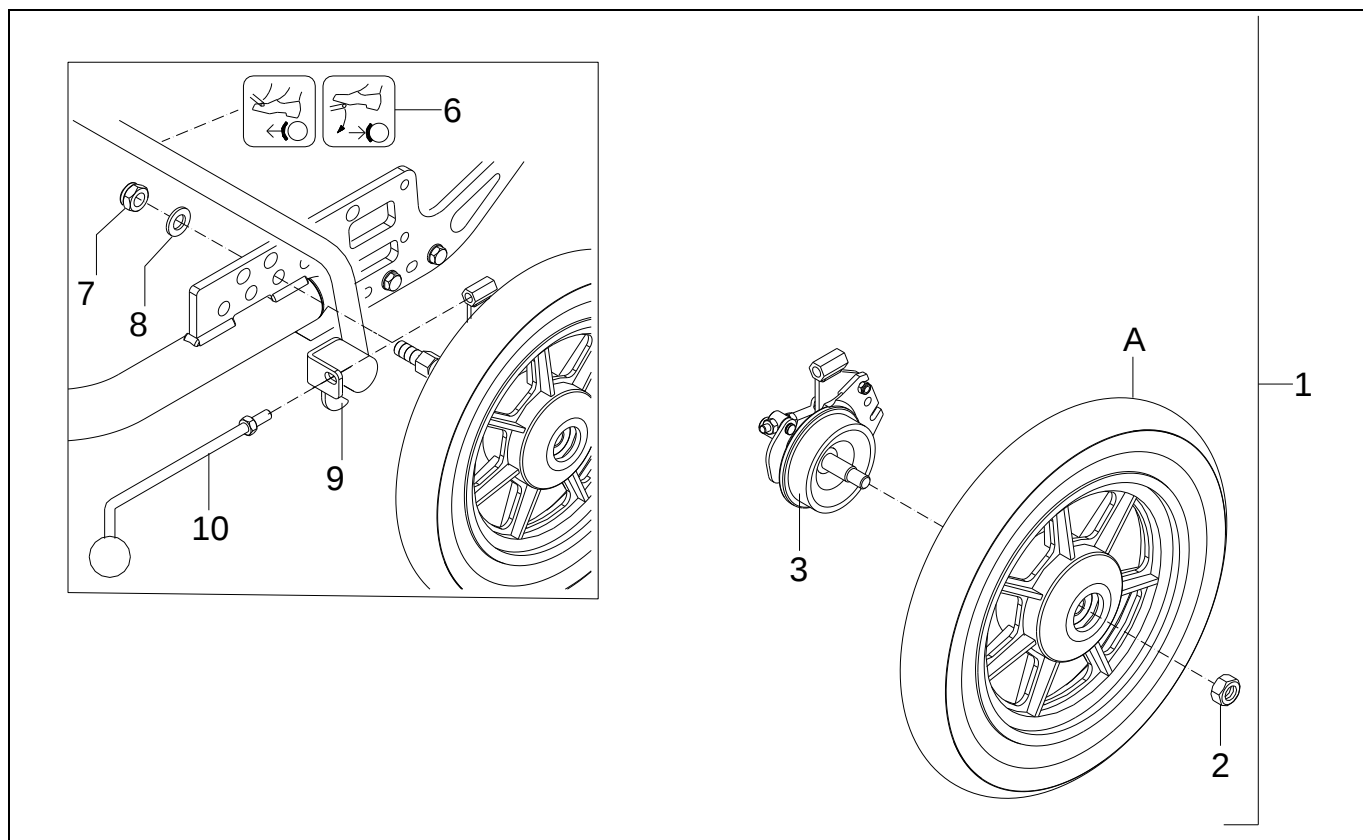
Pos	Article number	Units	Description	
1	00000.4014	4	Cyl cap screw M6X50	
2	02010.7682	2	Lower hinge block 22mm	
3	1010958	1	Sedeo seating frame	
4	00000.2002	4	Washer flat M6 DIN125A/VZ	
5	1003247	1	Label seat height symbol (sticker sheet)	
6a	1015513	1	Seat angle indicator (P)	
6b	1008044	1	Seat angle indicator	
7	1003247	1	Label seat angle (sticker sheet)	
8	1015344	2	Torx socket head screw M5x25 T30	
9	1003247	1	Label seat height (39-49,5 cm) (sticker sheet)	
10	1003247	1	Label seat height (46,5-54 cm) (sticker sheet)	
11	1007672	1	Seat post short (227 mm)	
	1007673	1	Seat post long (272 mm)	
12	00000.3608	2	Screw M6x12	
13	00000.1404	4	Shaft lock washer 7MM	
14	9001398	1	Hinge block	
15	9001154	2	Axis gasspring	
16	9001043	1	Gasspring bloc-o-lift 1000N	
17	00000.4312	2	Hex bolt M8X16	
18	00000.2203	2	Spring washer M8	
19	9001128	1	Gasspring hinge block	
20	9001044	1	Gasspring lift-o-mat 500N	
	9001209	1	Gasspring lift-o-mat 700N	
21	1007008	1	Handle mechanism seat adjustment	
22-23	1008057	1	Mechanical cable	
-	02010.6910	1	Gasspring operating mechanism	

04 Brake system 20" / 22" / 24" rear wheel



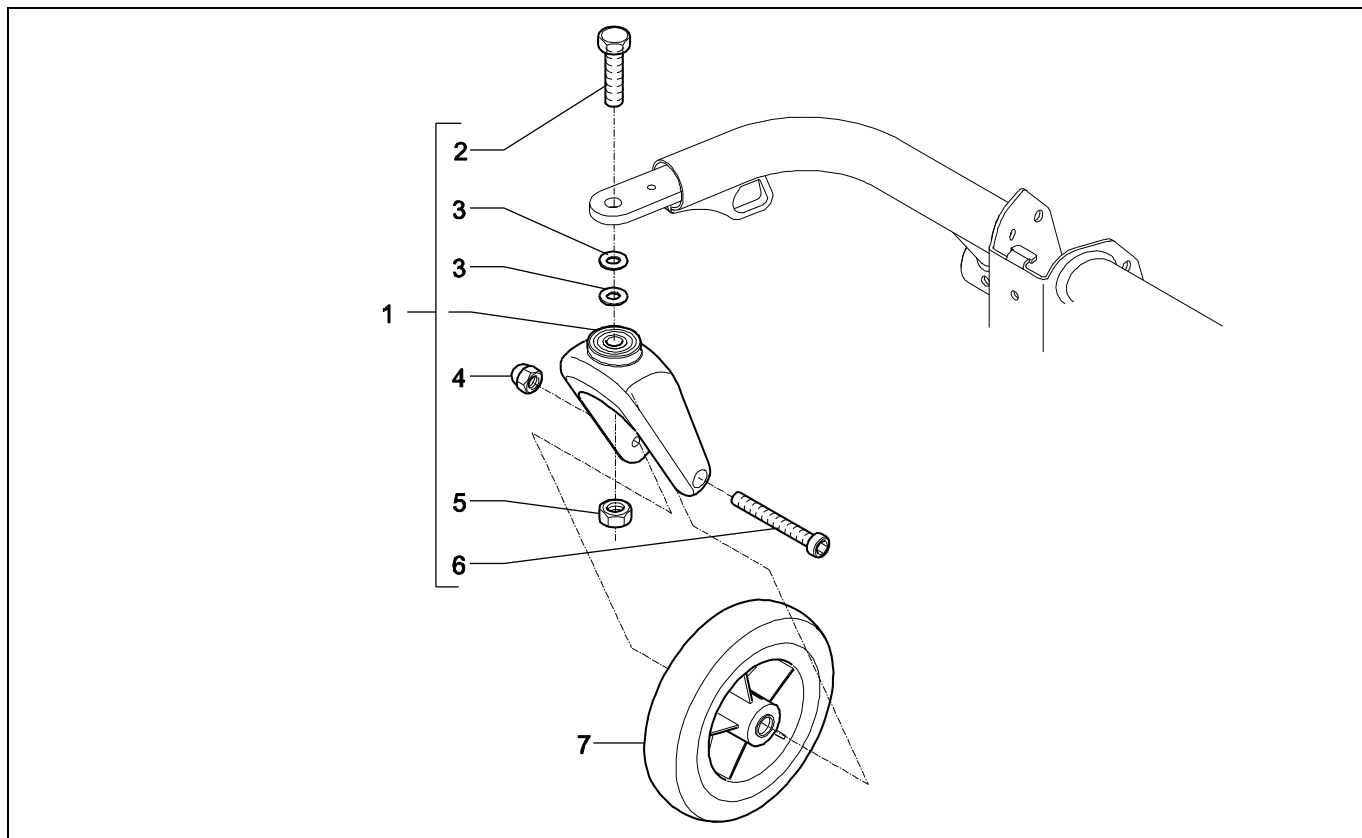
Pos	Article number	Units	Description
1	-	2	Lock nut M12 DIN 985
1,2,5,6,13	1015726	2	Wheel axle
2	-	2	Washer flat M12 DIN 125-1a
3a,4,7-9,12,15	1015724	1	Wheel plate left
3b,4,7-9,12,15	1015725	1	Wheel plate right
4	1003247	2	Label wheels (sticker sheet)
6	-	2	Lock nut M10 DIN 985
7	-	4	Hex bolt M12X45 DIN 931
8	-	4	Washer flat M12 DIN 125-1a
9	-	4	Lock nut M12 DIN 985
10a,11,14	9007441	1	Push brake assy left
10b,11,14	9007440	1	Push brake assy right
10c,11,14	9007442	1	Push brake assy extended left
10d,11,14	9007443	1	Push brake assy extended right
12	00000.9207	2	Insert cap 20x10
13	-	2	Flat washer M18 DIN 125-1a
14	-	4	Hexagon bolt M6x12 DIN 933
15	9007371	2	Wheelplate spacer
A			See 007: Rear wheel 20" / 22" / 24"
-	1015945	-	Conversion set 24" --> 12,5" air with standard footlever
-	1015946	-	Conversion set 24" --> 12,5" air with extended footlever
-	1015947	-	Conversion set 24" --> 12,5" PU with standard footlever
-	1015948	-	Conversion set 24" --> 12,5" PU with extended footlever
-	1009351	1	Quick release axle, set
-	175.00011.000	2	Quick release axle for 22" / 24" rear wheels with drumbrake

05 Brake system 12,5" rear wheel



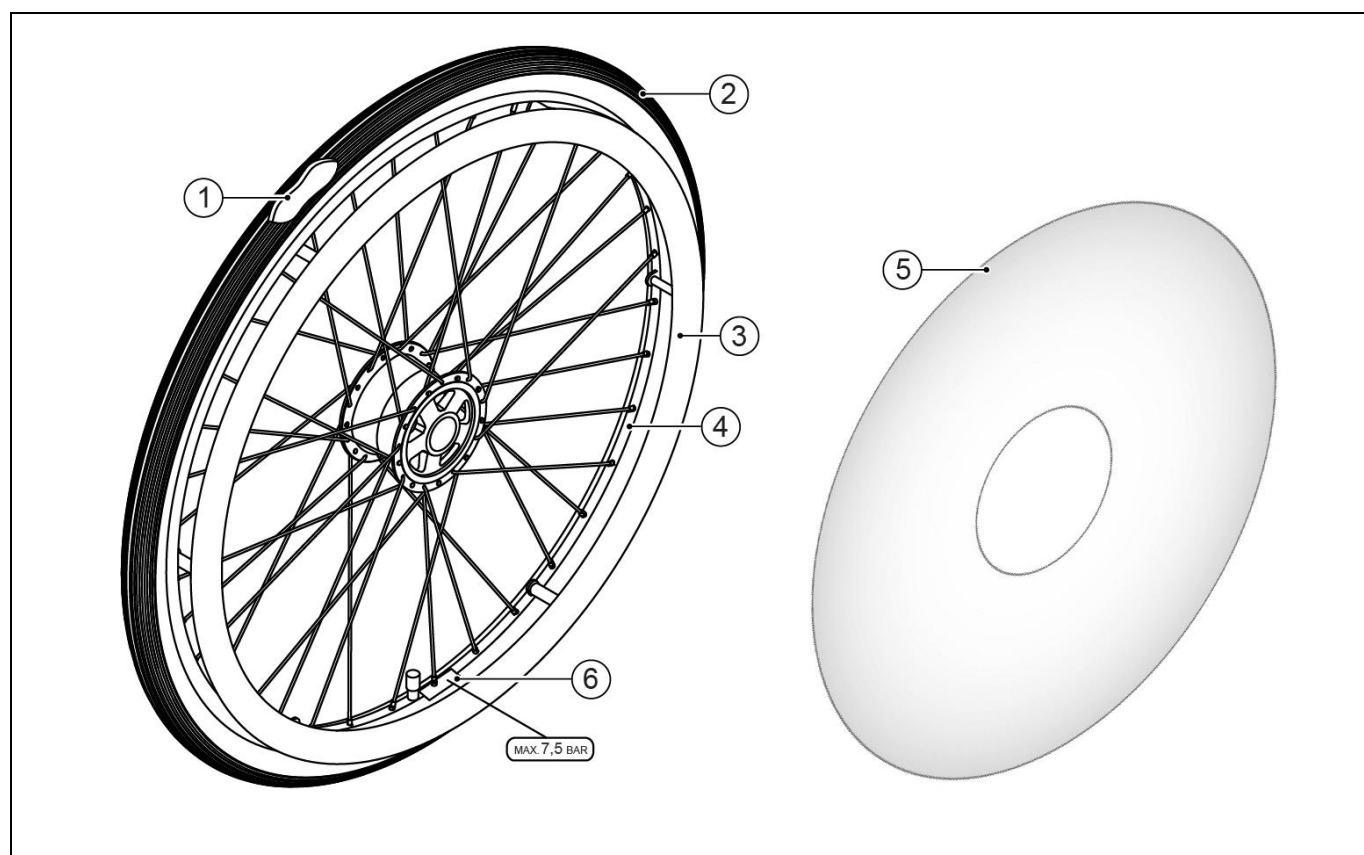
Pos	Article number	Units	Description
1	9000915	1	Wheel,12,5",air,with brake,assy,left
	1002790	1	Wheel,12,5",PU,with brake,assy,left
	9001076	1	Wheel,12,5",air,with brake,assy,right
	1002791	1	Wheel,12,5",PU,with brake,assy,right
2	00000.1704	2	Locknut M12 D985/8/vz
3	9001199	1	Brake complete left
	9001200	1	Brake complete right
6	00001.1409	1	Label footbrake
7	00000.1704	2	Lock nut M12
8	00000.2005	2	Washer flat M12
9	9007003	1	Footlever
	9007204	1	Footlever extra wide
10	1002814	2	Brake lever
A			See 008: Rear wheel 12,5"
-	1002526	2	Wheel 12,5" PU for push brakes
-	1002825	2	Wheel 12,5" air for push brakes
-	1015821	-	Conversion set 12,5" --> 20" air with standard push brakes
-	1015827	-	Conversion set 12,5" --> 20" air with extended push brakes
-	1015824	-	Conversion set 12,5" --> 20" PU with standard push brakes
-	1015830	-	Conversion set 12,5" --> 20" PU with extended push brakes
-	1015822	-	Conversion set 12,5" --> 22" air with standard push brakes
-	1015828	-	Conversion set 12,5" --> 22" air with extended push brakes
-	1015825	-	Conversion set 12,5" --> 22" PU with standard push brakes
-	1015831	-	Conversion set 12,5" --> 22" PU with extended push brakes
-	1015823	-	Conversion set 12,5" --> 24" air with standard push brakes
-	1015829	-	Conversion set 12,5" --> 24" air with extended push brakes
-	1015826	-	Conversion set 12,5" --> 24" PU with standard push brakes
-	1015832	-	Conversion set 12,5" --> 24" PU with extended push brakes

06 Swivel Castor



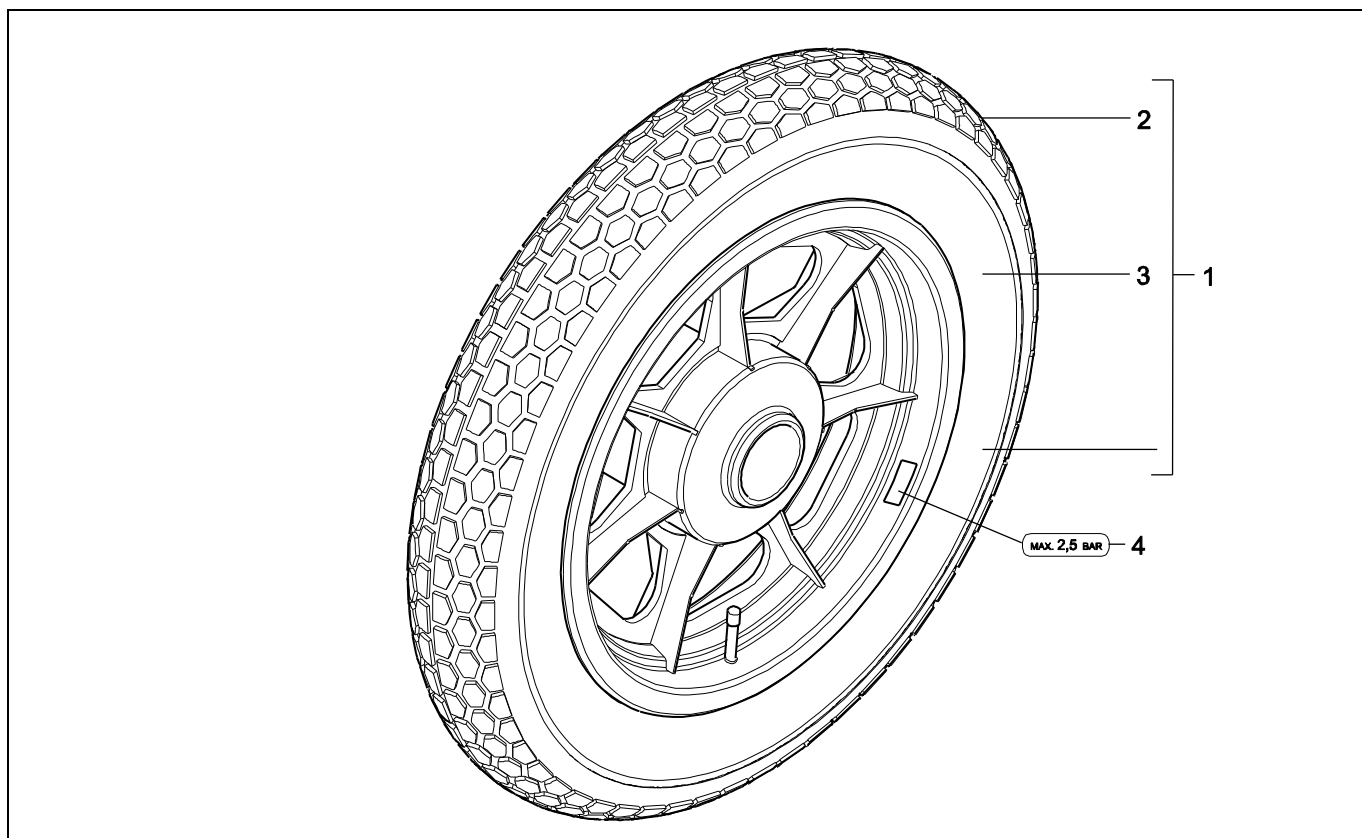
Pos	Article number	Units	Description	
1	1008053	2	Front fork	
2	00000.4310	2	Hex bolt M12X50	
3	00000.6007	2	Shim 12X18X1	
4	00000.1802	2	Cap lock nut M8	
5	9002729	2	Lock nut M12	
6	00000.4001	2	Cyl cap screw M8X75	
7	1001446	2	Wheel,castor,7",air,assy	
	1001447	2	Wheel,castor,7",PU,assy	

07 Rear wheel 20" / 22" / 24"



Pos	Article number	Units	Description	
1-4	03877.0100	2	Wheel 20" air	
	1002746	2	Wheel 20" PU	
	03875.0100	2	Wheel 22" air	
	1002748	2	Wheel 22" PU	
	03860.1100	2	Wheel 24" air	
	1002750	2	Wheel 24" PU	
1	1003690	2	Tube 20"	
	1003691	2	Tube 22"	
	1003692	2	Tube 24"	
2	1003686	2	Tyre 20"	
	1003687	2	Tyre 22"	
	1003688	2	Tyre 24"	
3	1003695	2	Hoop 20"	
	84541	2	Hoop 22"	
	1003697	2	Hoop 24"	
5	02800.9200	1	Spoke guard 20" set	
	02800.9100	1	Spoke guard 22" set	
	02800.9000	1	Spoke guard 24" set	
6	008.00000.221	2	Label tyre pressure 7.5 Bar	
-	84536	2	Silicone push rim cover 20"	
-	84537	2	Silicone push rim cover 22"	
-	84538	2	Silicone push rim cover 24"	

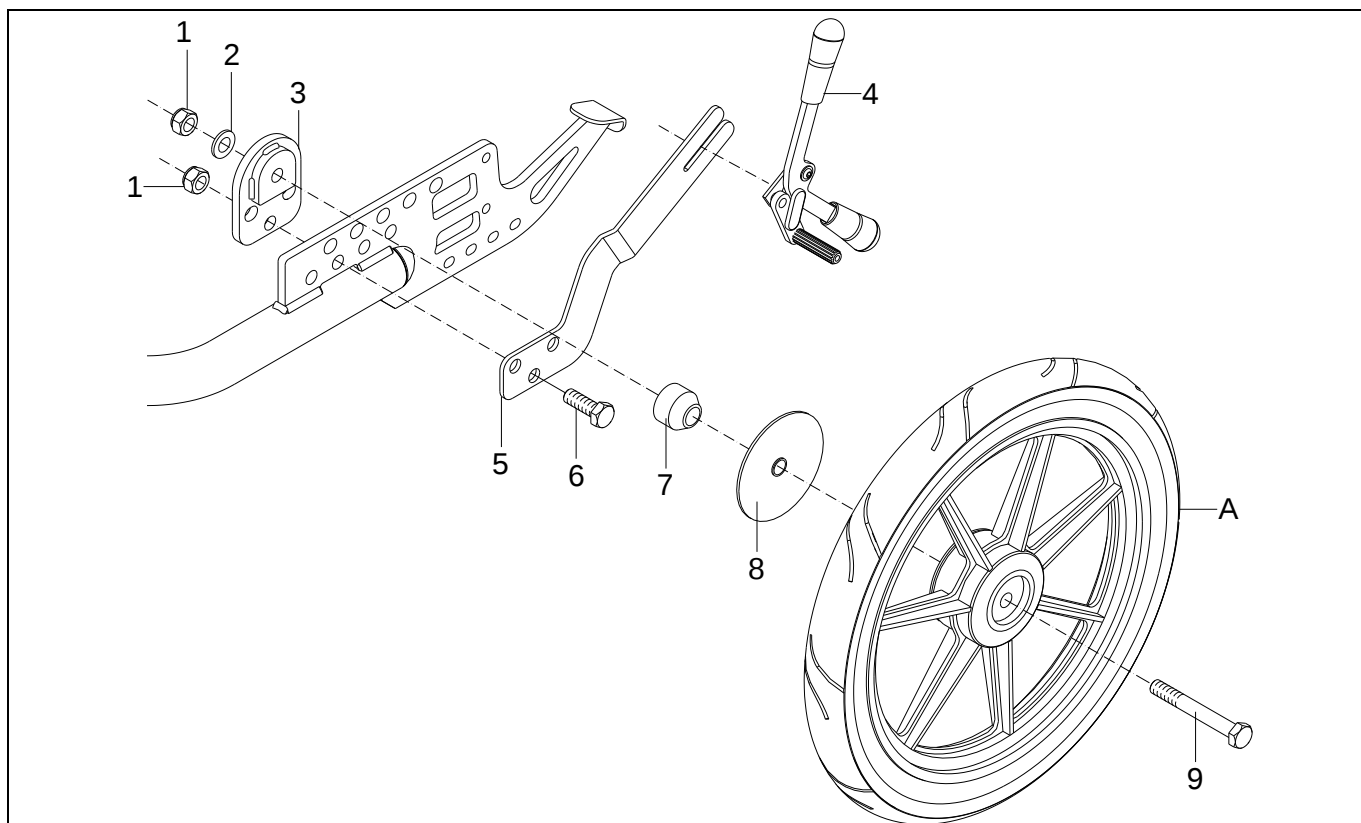
08 Rear wheel 12,5"



Pos	Article number	Units	Description	
1	1001138	2	Wheel 12,5" air	
	1001166	2	Wheel 12,5" PU	
2	1003689	2	Tyre 12,5"	
3	01010.3300	2	Tube 12,5"	
4	00001.1461	2	Label tyre pressure 2.5 Bar (sticker sheet)	

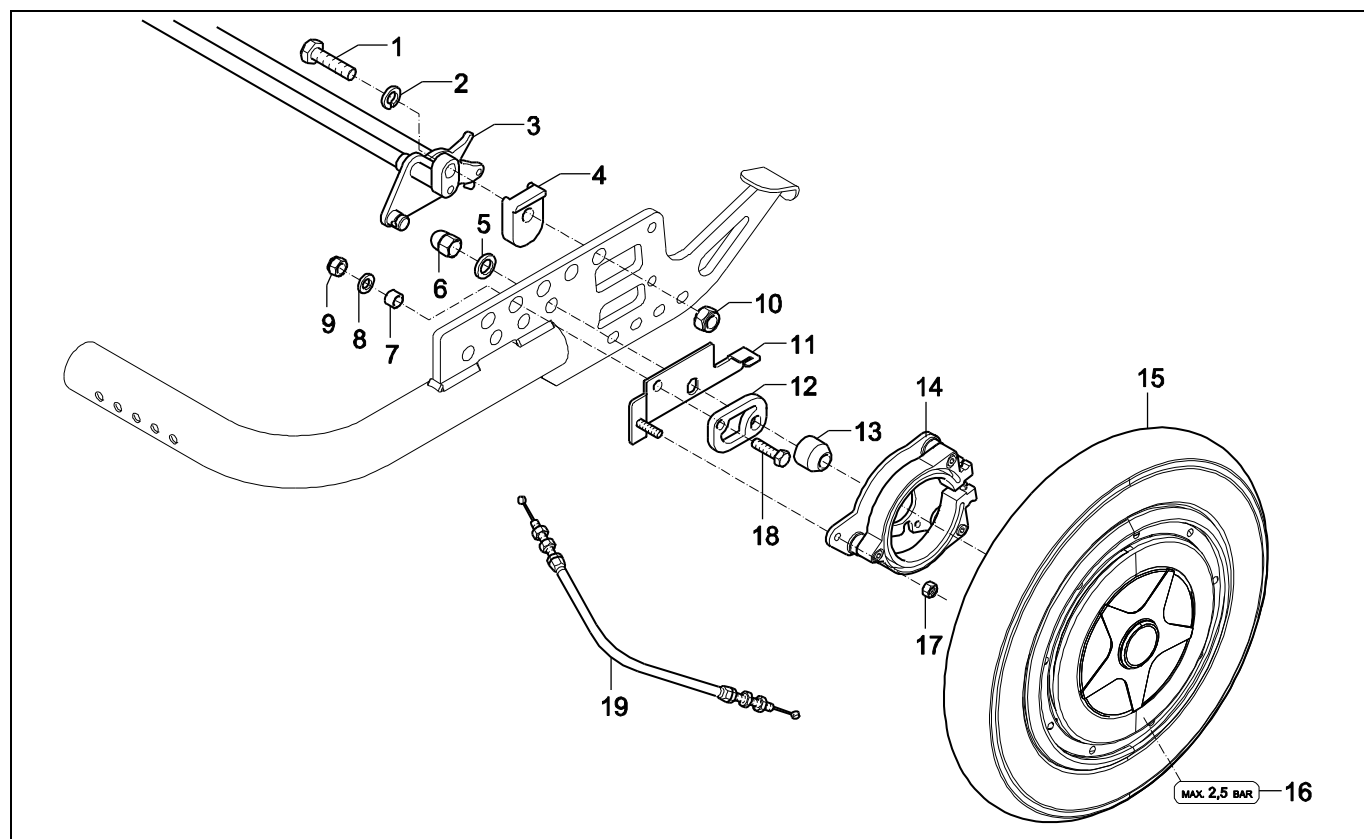
5.3 Rear wheel 16" and Ibis PowerSupport

11 Brake system 16" rear wheel



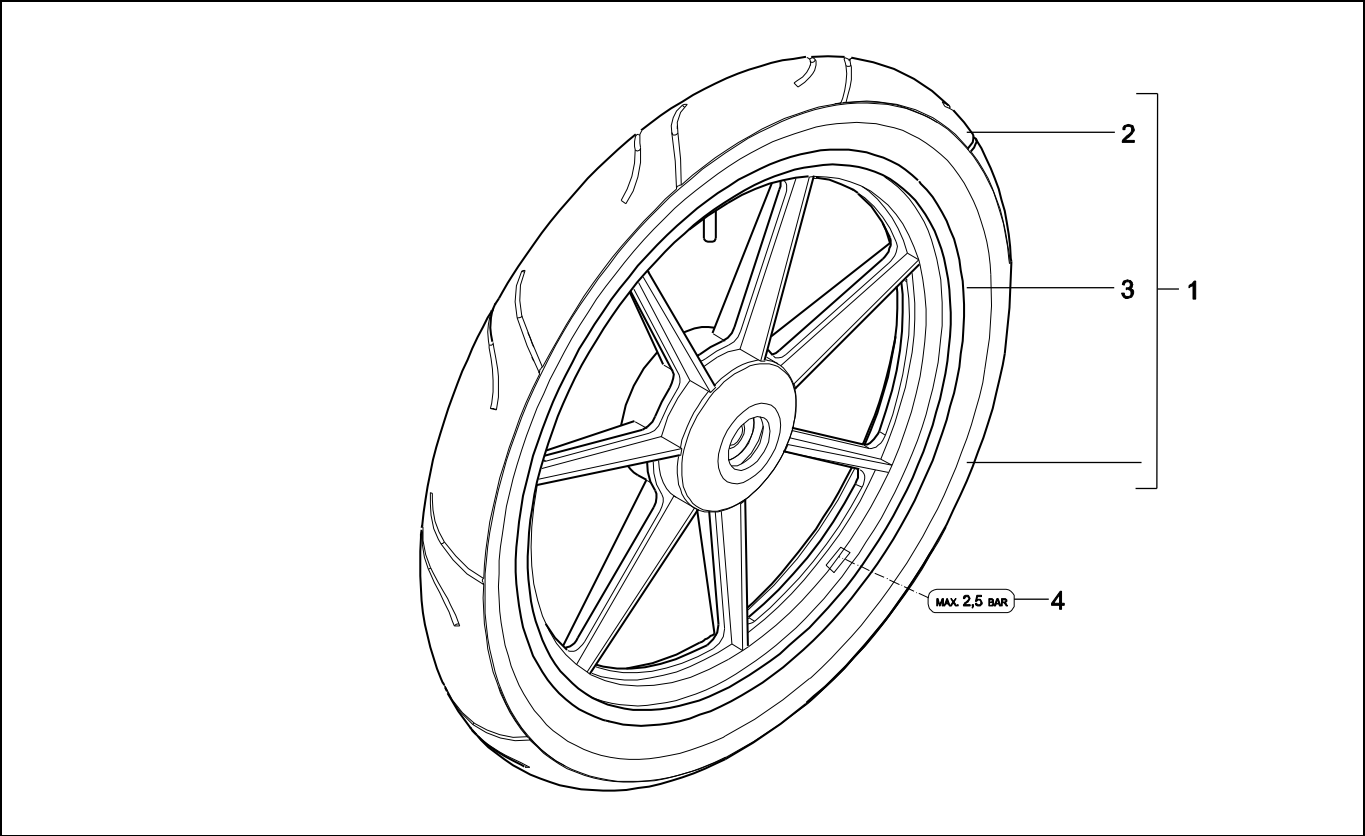
Pos	Article number	Units	Description	
1	00000.1704	6	Lock nut M12	
2	00000.2005	2	Washer flat M12	
3	9001254	2	Interface plate	
4	9001183	1	Brake assy left - double action	
	9001184	1	Brake assy right - double action	
5	9001257	1	Brake mounting plate left	
	9001258	1	Brake mounting plate right	
6	1002639	4	Hex bolt M12X35	
7	9001766	2	Spacer	
8	9001376	2	Cover	
9	9001817	2	Hex bolt M12x90	
A			See 014: Rear wheel 16"	

12 Brake system Ibis PowerSupport



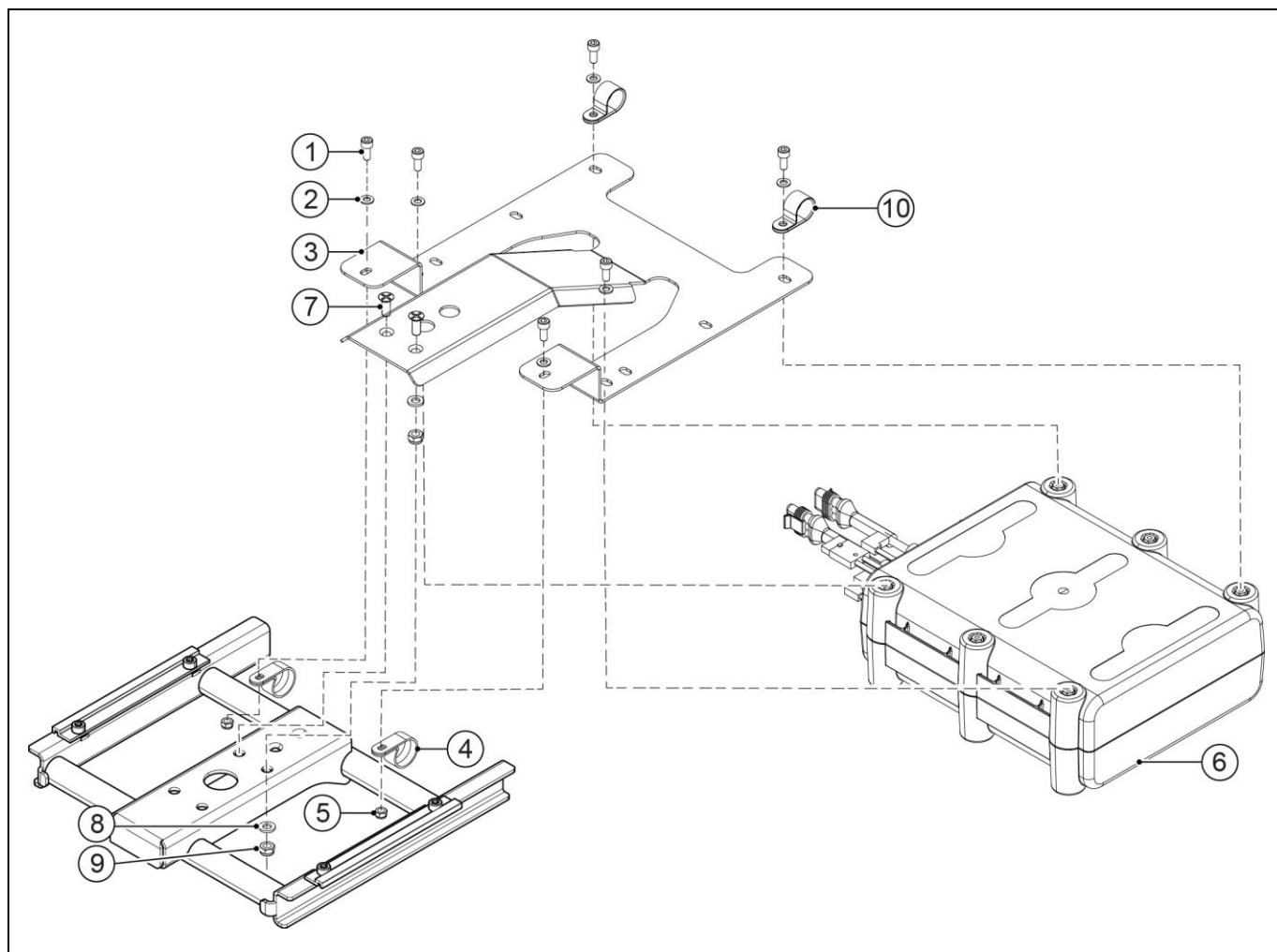
Pos	Article number	Units	Description	
1	001.03010.001	2	Hex bolt M10x40	
2	00000.2004	2	Washer flat M10	
3	1003706	1	Foot lever	
4	9000995	2	Fixation block	
5	1003707	2	Toothed spring washer M14	
6	1003708	2	Cap lock nut M14	
7	00000.5712	2	Distance bush nylon 8.2X12X7.5	
8	00000.2003	2	Washer flat M8	
9	00000.1702	2	Lock nut M8	
10	00000.1703	2	Lock nut M10	
11	9001005	1	Brake fixation plate left	
	9001006	1	Brake fixation plate right	
12	9001765	2	Fixation plate PowerSupport	
13	9001766	2	Spacer	
14	1002480	2	PowerSupport brake hub	
15	1010222	2	PowerSupport wheel assy, air	
	1010225	2	PowerSupport wheel assy, PU	
16	00001.1461	2	Label tyre pressure 2.5 Bar	
17	00000.1701	1	Lock nut M6	
18	00000.4311	1	Hex bolt M8X20	
19	1002481	2	PowerSupport brake cable	
20	1002484	2	Tyre	
21	15010.4100	2	Tube	
-	1010228	2	PowerSupport rim	
-	1018250	1	PowerSupport set complete, for of IBIS X-Series, incl. charger	
-	1018251	1	PowerSupport set complete, for of IBIS Sedeo Pro, incl. charger	
-	1018580	1	PowerSupport set PU complete, for of IBIS X-Series, incl. charger	
-	1018581	1	PowerSupport set PU complete, for of IBIS Sedeo Pro, incl. charger	
-	1020859	1	PU tire for PowerSupport wheel	

14 Rear Wheel 16"



Pos	Article number	Units	Description	
1	9002038	1	Wheel 16" air	
	9002039	1	Wheel 16" PU	
2	1003693	1	Tyre 16"	
3	1003694	1	Tube 16"	
4	00001.1461	2	Label tyre pressure 2.5 Bar	

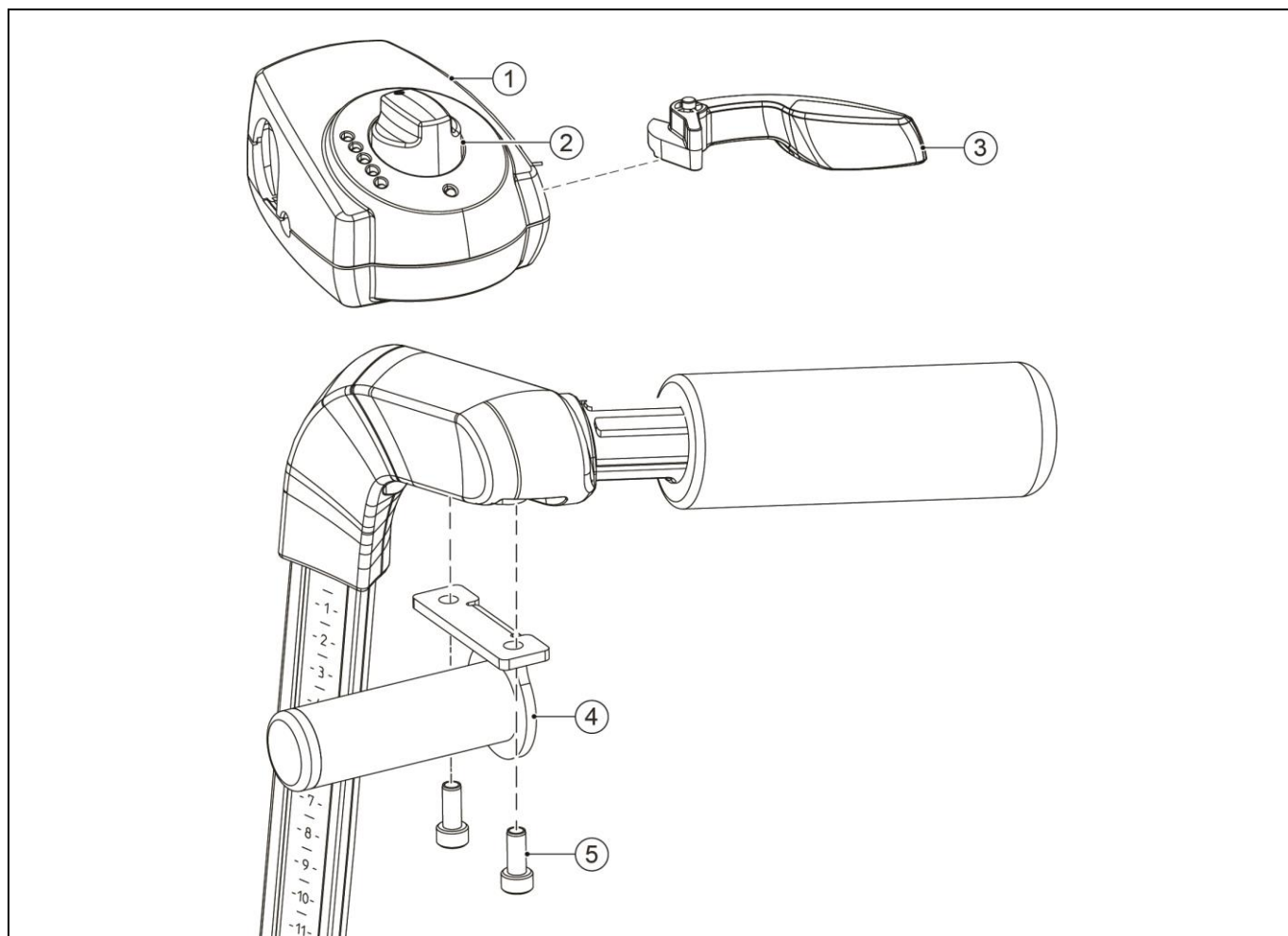
15 Battery pack



Pos	Article number	Units	Description	
1	00000.4036	6	Hex headcap screw m5x12 Din912	
2	00000.2101	6	Washer flat 3xD M5 D9021/VZ	
3	9005613	1	Frame mount Powersupport Battery pack	
4	1003710	2	P-clip 7/8	
5	00000.1700	2	Locknut M5 D985/8/VZ	
6	1010223	1	Powersupport Battery pack	
7	00000.3603	2	Screw cross recessed m6x16 Din965	
8	00000.2102	2	Washer flat 3xD M6 D9021/VZ	
9	00000.1701	2	Locknut M6 D985/8/VZ	
10	7648	2	P-clip 19mm Black PA	

	1002358	1	Charger power support	
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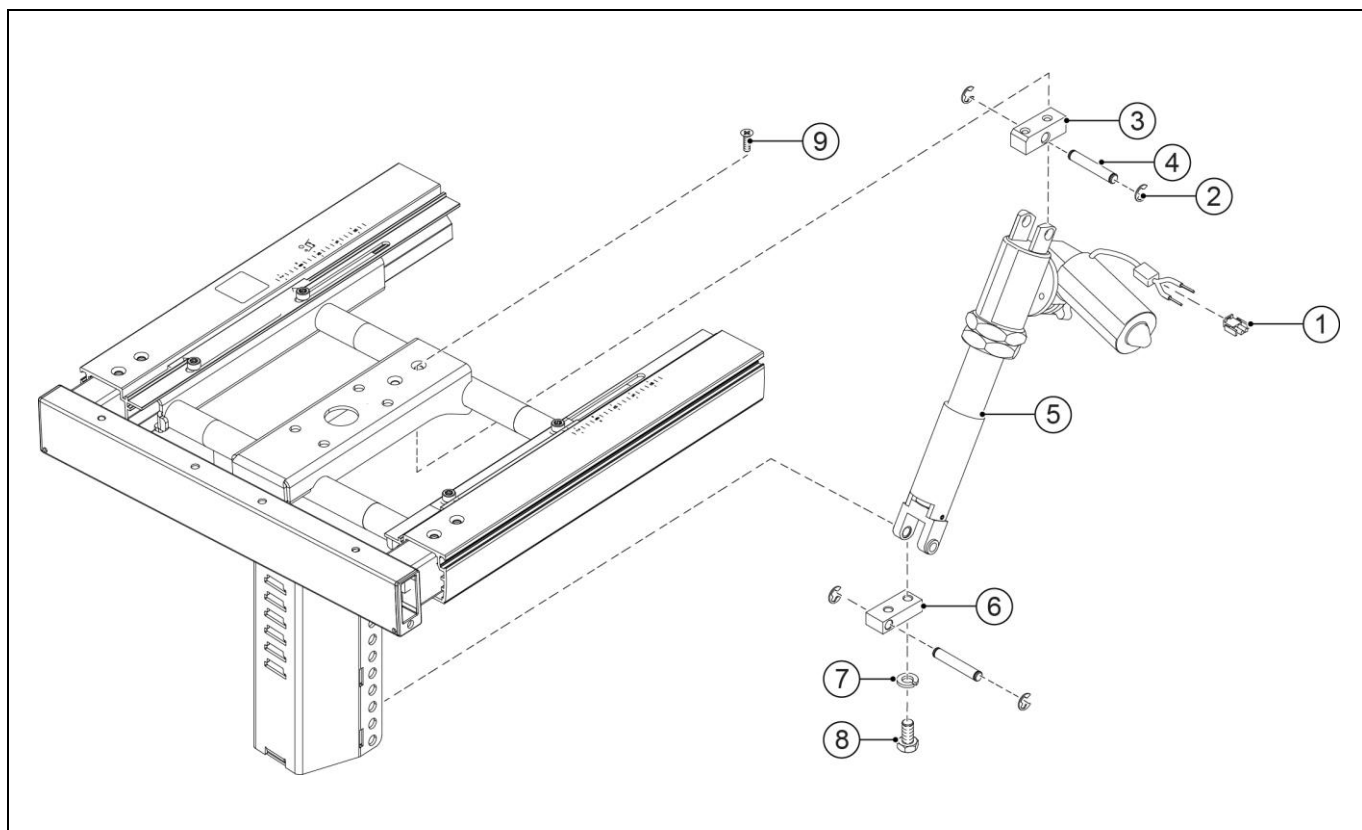
16 Remote Ibis PowerSupport



Pos	Article number	Units	Description	
1-3	1010220	1	PowerSupport remote	
1	1010224	1	PowerSupport remote housing (5 positions)	
2	1008314	1	PowerSupport knob for speed potentiometer	
3	1010221	1	PowerSupport throttle lever incl. spring	
4,5	1015604	1	PowerSupport remote holder	
5	9006240	2	Taptite M5x10 hex head flange	
-	1018239	1	Power Support remote holder with stopper (A1107)	

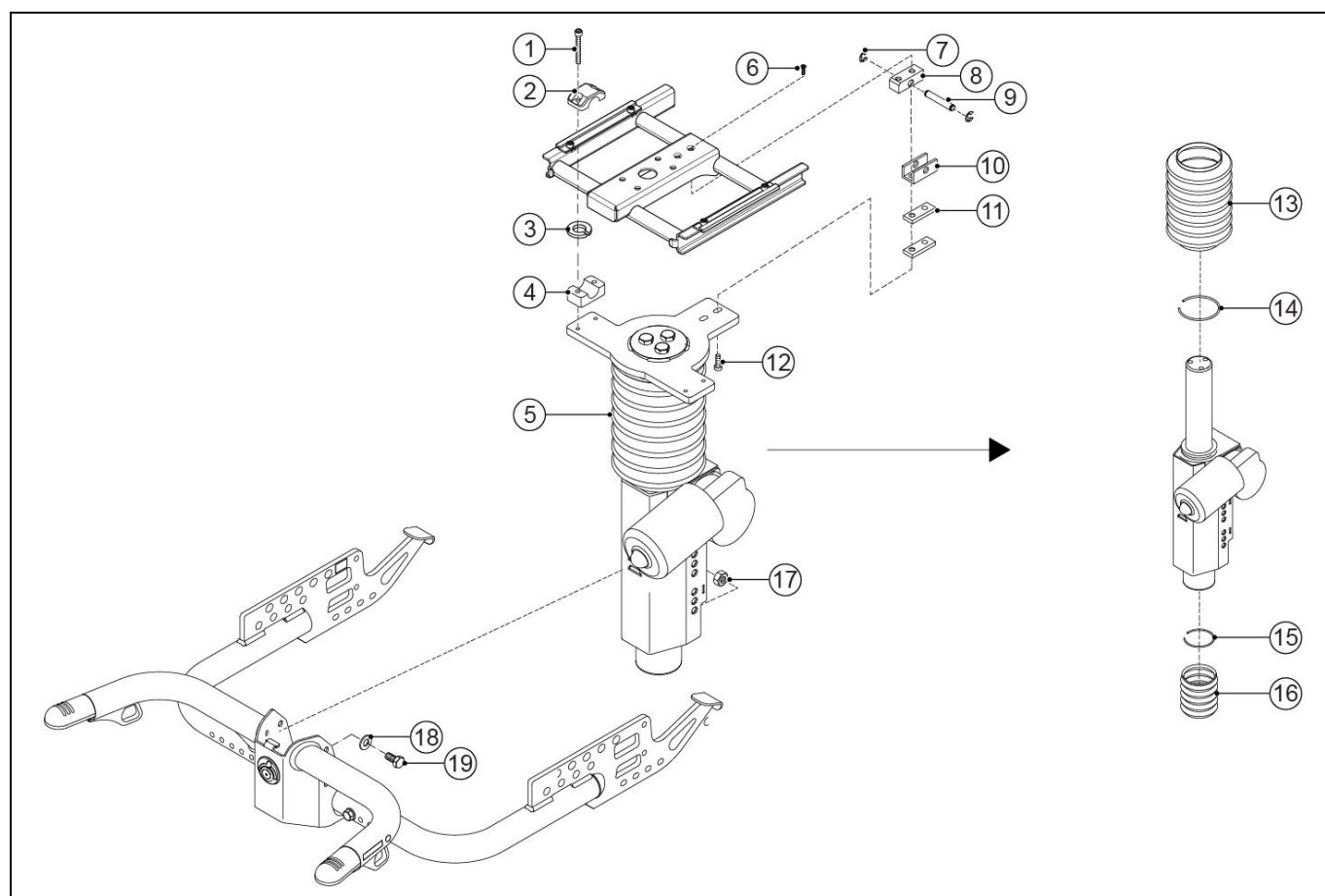
5.4 Options

17 Electrical tilt



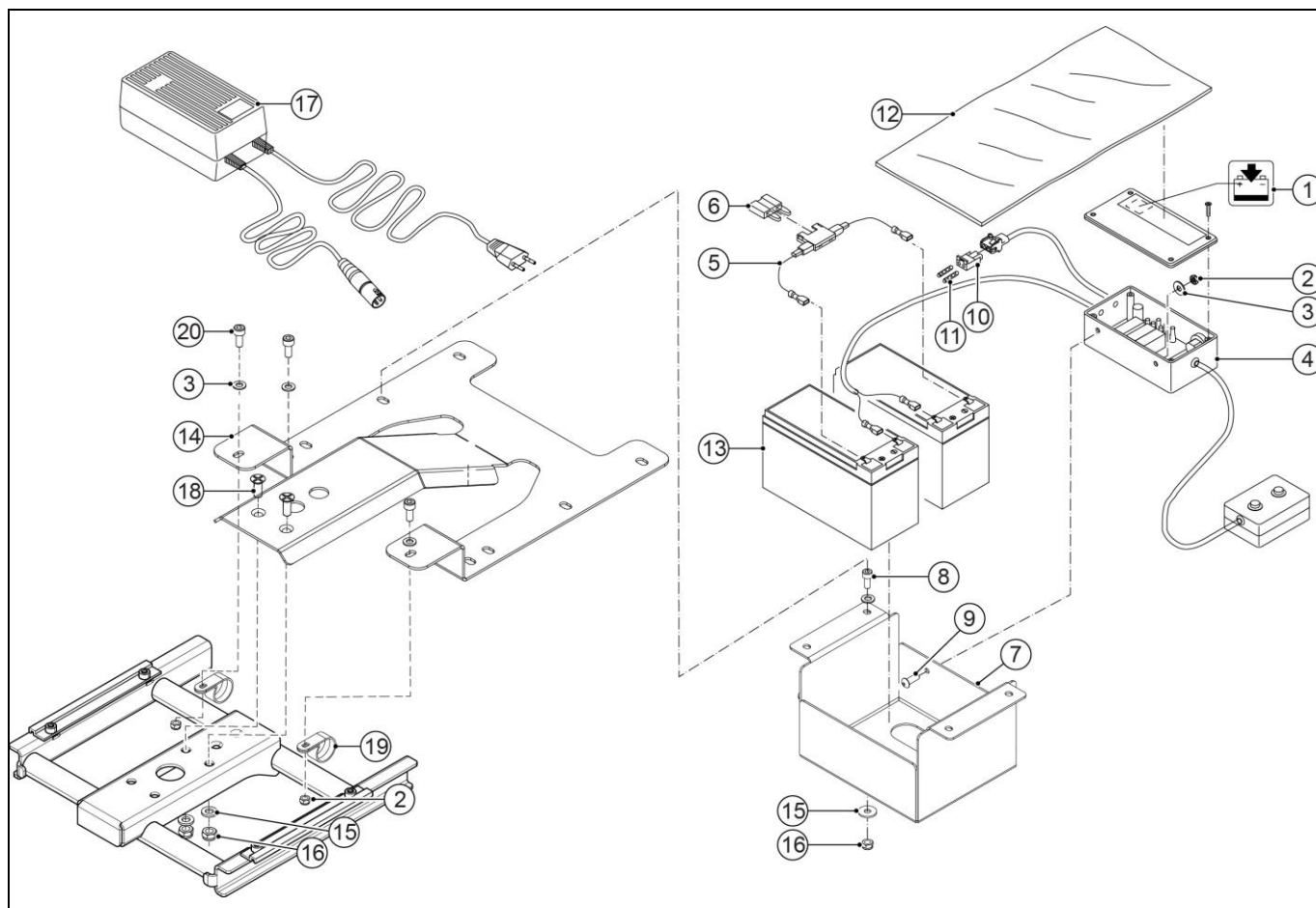
Pos	Article number	Units	Description	
1-9	1003391	1	Electrical tilt	
1	00355.5573	1	AMP plug 2-polig	
2	00000.1404	4	Shaft lock washer 7MM	
3	9001398	1	Hinge block	
4	9001509	2	Axle	
5	9001282	1	Actuator for electrical tilt	
6	9001128	1	Gasspring hinge block	
7	00000.2203	2	Spring washer SW8	
8	00000.4312	2	Hex bolt M8x16	
9	00000.3608	2	Screw M6X12	
			See 019: Supplementation set for electrical adjustments	

18 Electrical lift



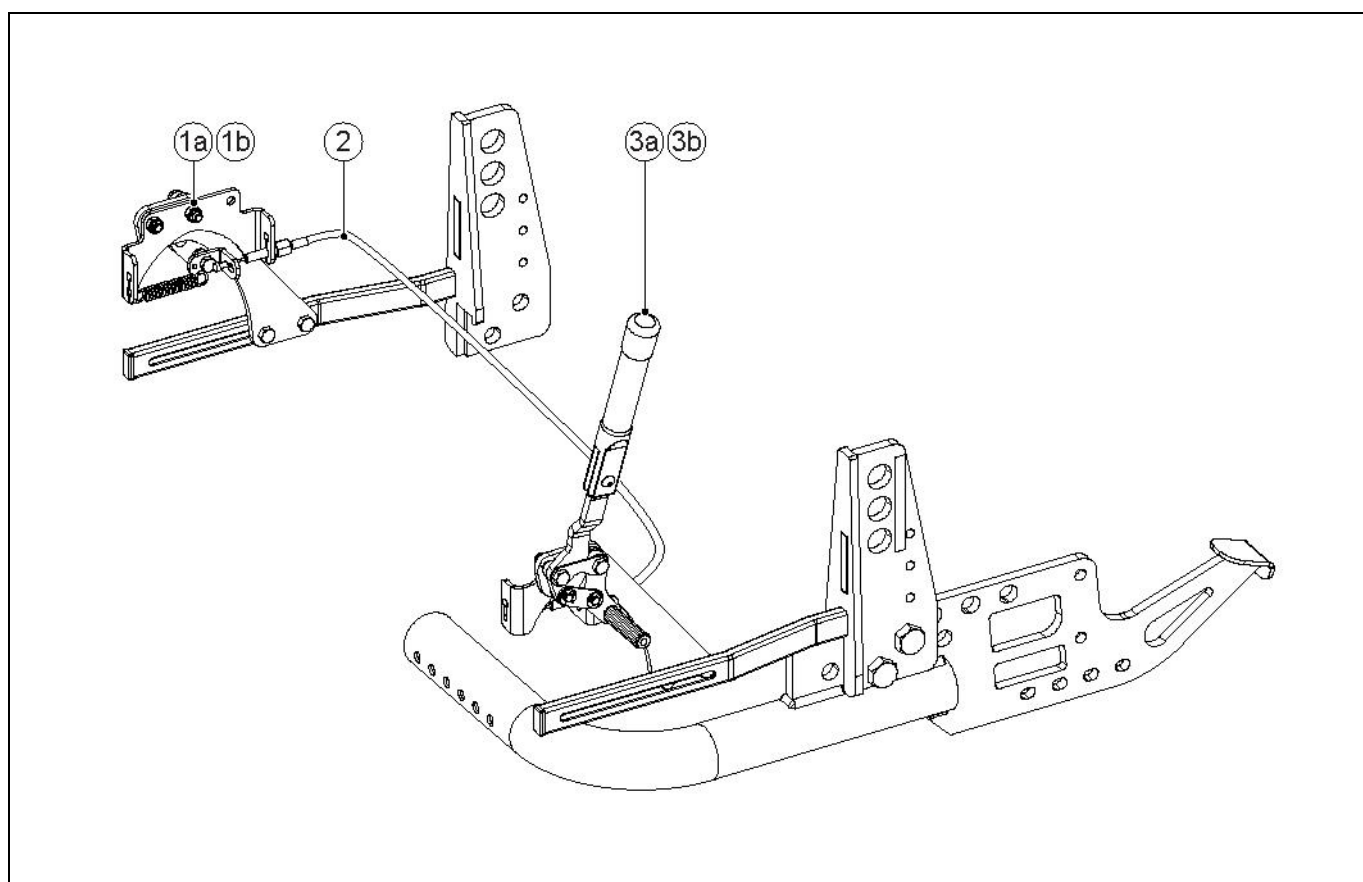
Pos	Article number	Units	Description	
1-19	-	1	No longer available	
1	00000.4014	4	Cyl cap screw M6X50	
2	02010.6182	2	Upper block	
3	00000.2002	4	Washer flat M6 DIN125A/VZ	
4	02010.7682	2	Lower hinge block 22 mm	
5	-	1	No longer available	
6	00000.3608	2	Screw M6X12	
7	00000.1404	2	Shaft lock washer 7MM	
8	9001398	1	Hinge block	
9	9001154	1	Axis gasspring	
10	9001547	1	Hinge bracket	
11	9001548	2	Locknut M8 D985/8/vz	
12	00000.4044	2	Washer flat M8 D125A/vz	
13	9001838	1	Bellows large	
14	9001841	1	Spring clip large	
15	9001840	1	Spring clip small	
16	9001839	1	Bellows small	
17	00000.1702	4	Locknut M8 D985/8/vz	
18	00000.2003	4	Washer flat M8	
19	00000.4312	4	Hex bolt M8x16	
			See 019: Supplementation set for electrical adjustments	

19 Supplementation set for electrical adjustments



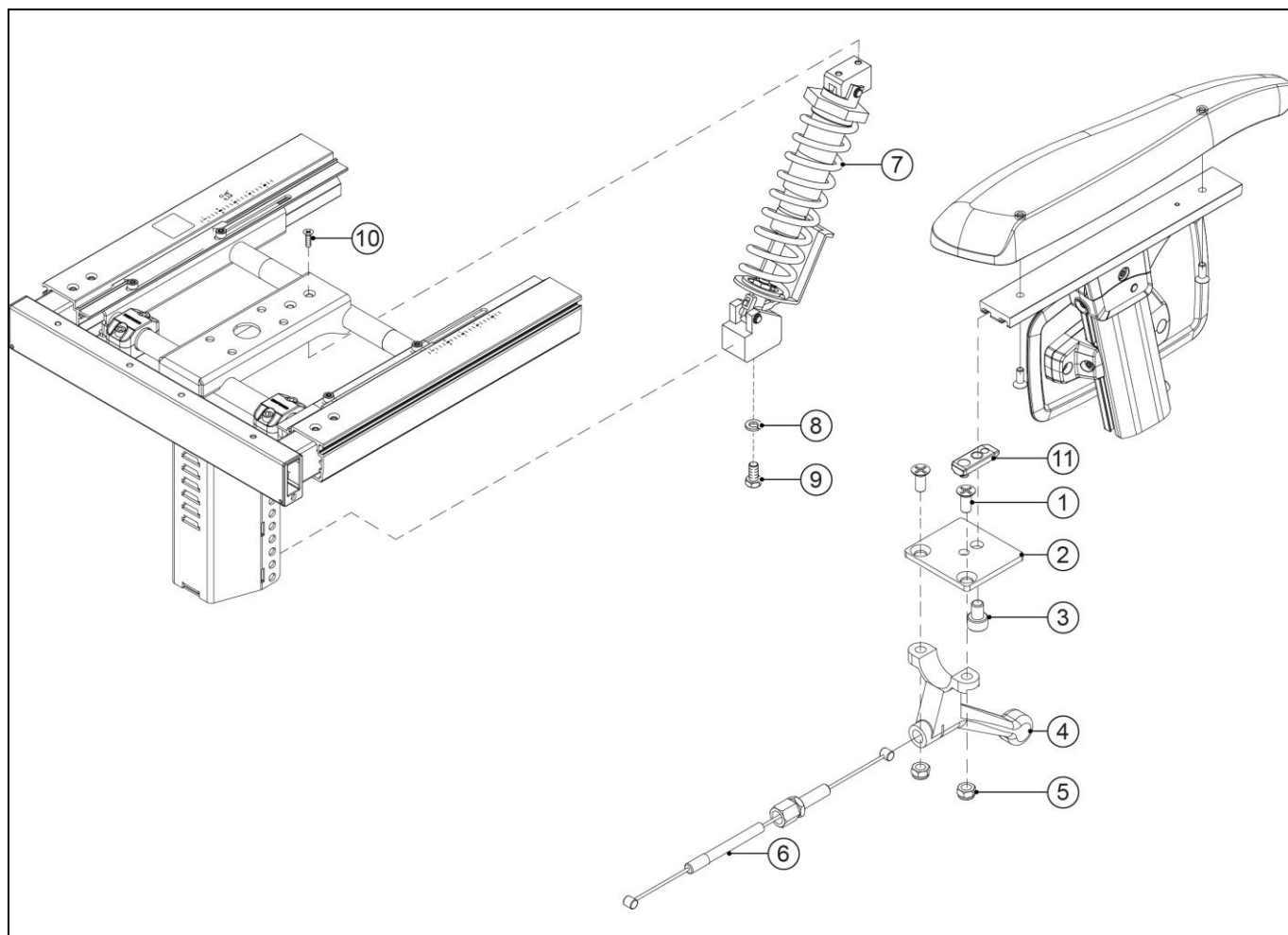
Pos	Article number	Units	Description
1-20	1015898	1	Supplementation set for electrical adjustments
1	008.00000.251	1	Sticker, Charger socket
2	00000.1700	4	Locknut M5 D985/8/VZ
3	00000.2101	4	Washer flat 3xD M5 D9021/VZ
4,5,6	1003284	1	Electrical control
5,6	00355.4301	1	Fuse holder
6	005.01190.000	1	Blade fuse 15A
7	9007369	1	Battery box for electrical adjustments
8	1015333	4	Torx socket head screw M6x16 iso14579 Precote 85 (100 pieces)
9	00000.3716	2	Button head M5x12 VZ Iso7380
10	00355.5572	1	AMP plug 2-polig
11	00355.5553	2	AMP contact female
12	9001604	1	Battery cover
13	00355.4015	2	Battery 7 Ah (C20) Gel
14	9005613	1	Powerpack mounting plate
15	00000.2102	10	Washer flat 3xD M6 D9021/VZ
16	00000.1701	6	Locknut M6 D985/8/VZ
17	1003403	1	Charger
18	00000.3603	2	Screw cross recessed m6x16 Din965
19	1003710	2	P-clip 7/8
20	00000.4036	2	Hex headcap screw m5x12 Din912

20 Coupled push brake 20" / 22" / 24" rear wheel



Pos	Article number	Units	Description
1a,2,3a	9007291	1	Coupled push brake, left
1b,2,3b	9007292	1	Coupled push brake, right
1a	9007280	1	Brake, passive, left
1b	9007261	1	Brake, passive, right
2	9001515	1	Cable for coupled brake
3a	9007260	1	Brake, active, left
3b	9007279	1	Brake, active, right

21 Tilt operated by user



Pos	Article number	Units	Description
1-11	1008460	1	Self-tilt 60-90 kg
	1008461	1	Self-tilt 90-120 kg
1	-	2	Screw Cross recessed m5x12 Din965
2	1005144	1	Mounting plate tilt lever
3	1015330	1	Torx socket head screw M6x8 iso 14579 Precote 85 (100 pieces)
4	00000.6410	1	Handle tilt adjustment
5	-	2	Nut M5 Self prevailing Din985
6	9001511	1	Cable for self tilt
7	9001631	1	Self-tilt module 60-90 kg
	9001632	1	Self-tilt module 90-120 kg
8	-	2	Spring washer SW8 DIN127B
9	-	2	Hex head bolt M8x16 Din933
10	-	2	Screw Cross recessed m6x12 Din965
11	1010881	1	Clamp nut profile (10 pieces)

01-01-2016

Version 2016 v1

Page	Drawing	Position	Changes
			Replaced Handicare by Sunrise Medical HCM
			Changed descriptions 12" wheels into 12,5" wheels
34	4	-	Added article numbers 1009351 and 175.00011.000
39	7	-	Added article numbers 84536, 84537 and 84538
46	19	13	Changed description article number 00355.4015

19-09-2016

Version 2016 v1.0

Page	Drawing	Position	Changes
			Updated cover layout
3			Update copyright text
7-8		-	Update warranty text
32	02	17-18	Replaced articles numbers 9000872+9002232 with article number 1018551 Logo Breezy

21-09-2020

Version 2020v1.0

Page	Drawing	Position	Changes
32	2		Removed 900153 "Spacer 8x13x6" from table and drawing
32	2	10	Changed 00000.4114 "Hexagon bolt M8x60" to 00000.4041 "Hexagon socket screw (DIN912) M8x55"
35	5	-	Numbers have been switched, because description did not match: 1002825 and 1002526
40	12	-	Added four new article numbers 1018250, 1018251, 1018580, 1018581
40	12	-	Added article number spare part set PU tire 1020859

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