

Maxi Sky 2



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General Information

Before ordering spare parts, study the exploded view closely and make sure that you are familiar with all the spare parts involved.

Before contacting the Arjo Parts Sales department, always have the following information at hand:

- Correct name of the product (see Product Identification Label below).
- The serial number of the product (see Product Identification Label below).

Product Label

MANUFACTURER INFORMATION →

PRODUCT NUMBER →

SERIAL NUMBER →

MANUFACTURING DATE →

ArjoHuntleigh AB - Hans Michelsensgatan 10 - 211 20 Malmö - SWEDEN
2019-01-09 Made in Canada www.arjo.com

REF MSXXX-XX-XX

SN XXXXXXXXXX

DUTY CYCLE: 10%, 6 min/hour
1 min cooling

RATING: 24V
MAX. LOAD: 200 kg

001-15731 REV 3

CE

TUV

184445

PRODUCT NUMBER NOMENCLATURE

MSXXX-XX-XX

MODEL:
COUNTRY SUFFIX,
PLEASE REFER TO:
"CODIFICATION - COUNTRIES"

HAND CONTROL:
0 - NO HAND CONTROL
1 - REGULAR
2 - REGULAR WITH DPS CONTROLS

TRACK SYSTEM COMPATIBILITY (NOTE 1):
0 - KWIKTRAK V - V PROFILE
A - A, D & E PROFILE W - W PROFILE
B - B PROFILE
G - G PROFILE
L - L PROFILE
M - M PROFILE
P - P PROFILE
T - T PROFILE

OPTION:
0 - NONE
1 - RADIUS WHEELS (NOTE 3)
2 - NARROW WHEELS (NOTE 4)
3 - PCBA WITH CONFORMAL COATING
4 - WITHOUT QUICK CONNECT
5 - INFECTION CONTROL
6 - INFECTION CONTROL & PCBA WITH CONFORMAL COATING

POWERING:
0 - ECS, ENHANCED CHARGING SYSTEM (NOTE 1)
1 - CSTAT, CHARGER STATION

LATERAL MOTION:
0 - 2 FUNCTION, MANUAL LATERAL MOVEMENT
1 - 4 FUNCTION, MOTORIZED LATERAL MOVEMENT

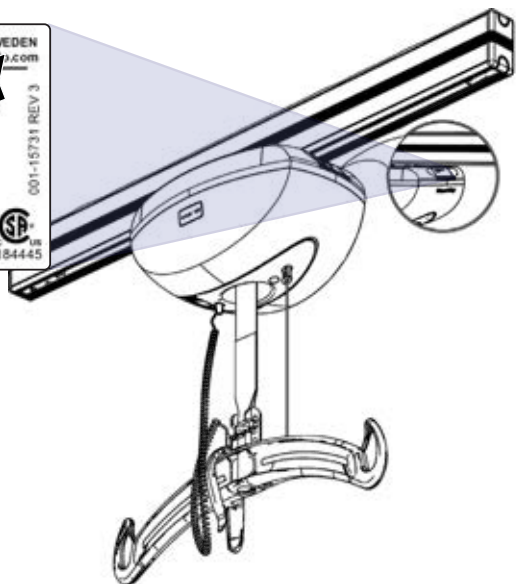
PRODUCT : MAXI SKY 2

NOTE 1 : FOR DETAILS ON TRACK PROFILES, REFER TO DOCUMENT No 001-14250

NOTE 2 : THESE OPTIONS ARE AVAILABLE WITH TRACK SYSTEMS "0" AND "P" ONLY

NOTE 3 : THESE OPTIONS ARE AVAILABLE WITH TRACK SYSTEMS "G", "V" AND "W" ONLY

NOTE 4 : THESE OPTIONS ARE AVAILABLE WITH TRACK SYSTEM "T" ONLY



Modifications made to the equipment without Arjo's express acknowledgement will invalidate supplier's product liability.

How to Read Parts List Tables

Kit:
Refers to an item that consists of a replacement kit.

Part #:
Use these part numbers as a reference when ordering.

Description:
A short explanation of the kit being referred to.

Included Items:
Refers to items, listed in the table, that are contained within the kit.
Letters refer to the relevant table.
Numbers refer to an item in the table.

A <i>REPLACEMENT KITS TABLE</i>			
Item	Part #	Description	Included Items
K1	700-00001	FIRST REPLACEMENT KIT	B2
K2	700-00002	SECOND REPLACEMENT KIT	B6-B7
K3	700-00003	THIRD REPLACEMENT KIT	B1, B3-B4
K4	700-00004	FOURTH REPLACEMENT KIT	B5

Item #:
Refers to the callout numbers that point to the various parts in the exploded drawings.

Part #:
Use these part numbers as a reference when ordering.

Description:
A short explanation of the part being referred to.

Qty:
Required quantity of the part found on each product.

Remarks:
General notes relevant to the part.

Kit:
Refers to a kit that includes the part.
Note: An item that belongs to a kit cannot be ordered separately.

B <i>PARTS DETAIL TABLE</i>					
Item	Part #	Description	Qty	Remarks	Kit
1	001-00001	FIRST PART	2		K3
2	001-00002	SECOND PART	2		K1
3	001-00003	THIRD PART	2		K3
4	001-00004	FOURTH PART	1		K3
5	001-00005	FIFTH PART	2		K4
6	001-00006	SIXTH PART	8		K2
7	001-00007	SEVENTH PART	2		K2

Legend

- 1 → Callout for single item
- 1 - Callout for assembly kit
- Assembly lines above components
- Assembly lines behind components
- Text in Green Highlights changes from previous revision

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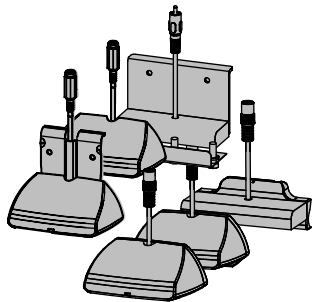
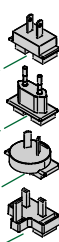
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A - Replacement Kits

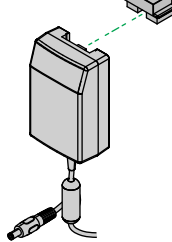
K1



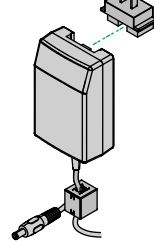
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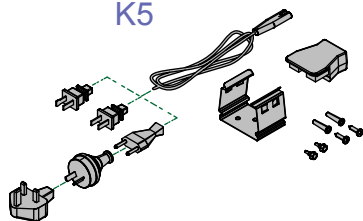
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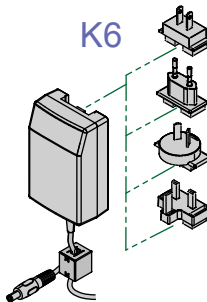
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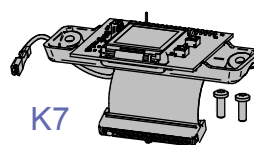
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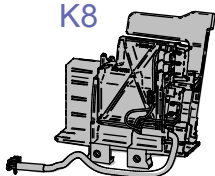
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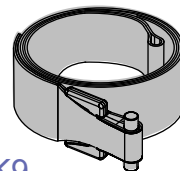
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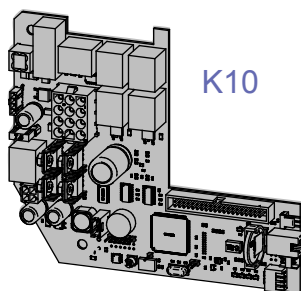
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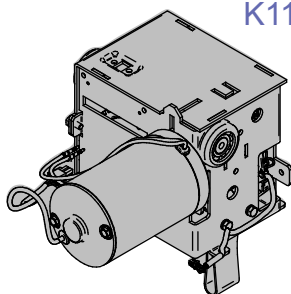
K9



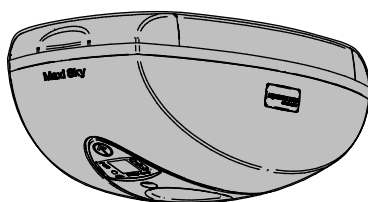
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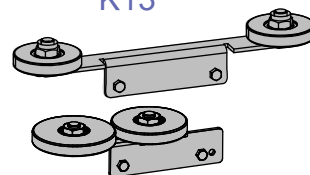
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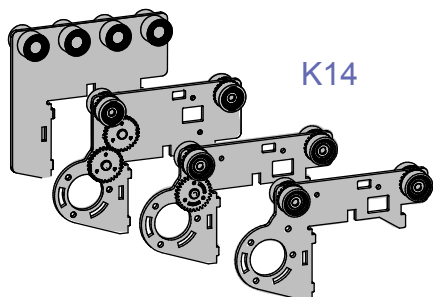
K12



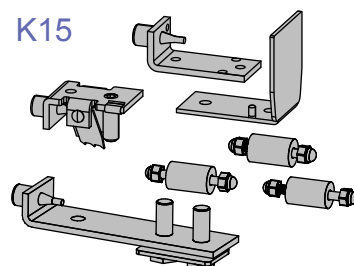
K13



K14



K15



A

REPLACEMENT KITS

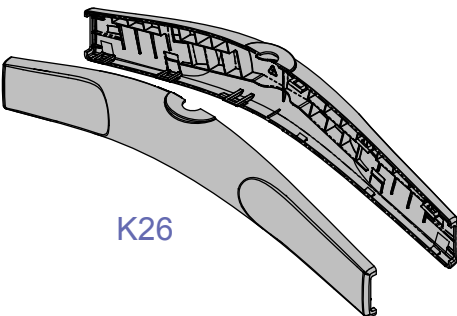
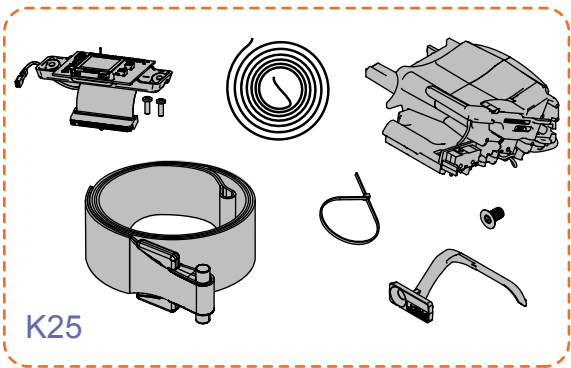
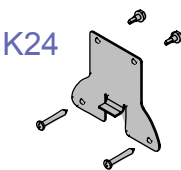
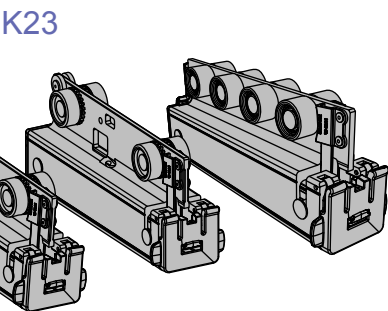
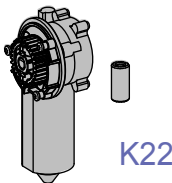
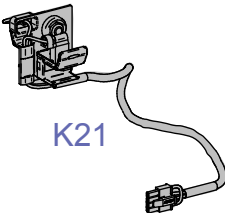
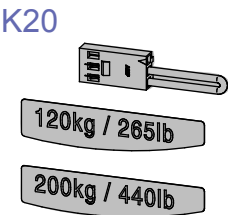
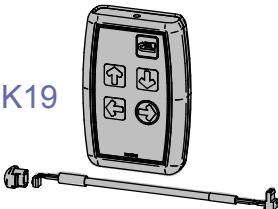
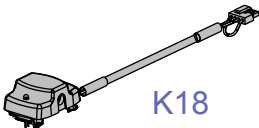
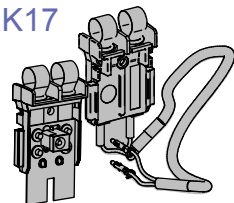
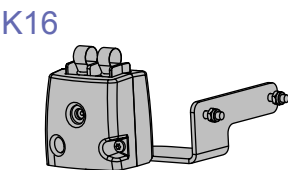
ITEM	PART №	DESCRIPTION	Included Parts
K1	700-01161	Universal Charger for W Profile Type Track	D24-D28, D32, D41
	700-01172	Universal Charger for L Profile Type Track	D24-D28, D32, D42
	700-01218	Universal Charger for V Profile Type Track	D24-D28, D32, D43
	700-15511	Universal Charger for KWIKtrak Track	D24-D28, D30, D32
	700-15512	Universal Charger for Other than W, L, V and KWIKTrakTrack Profiles	D24-D28, D31 - D32
	700-15522-6	Charger Station for Arjo Bravo UK and Bianca	D24-D28, D32, D40
K2	700-15568	Charger - Universal - White	D24 - D28
K3	700-15561	Charger - White - UL/JP	D24 - D25
K4	700-15591	BCL Universal Charger - UL / JP	D27, D45
K5	700-15551	Charger Support Kit - UL	D29, D33
	700-15552	Charger Support Kit - JP	D29, D34
	700-15555	Charger Support Kit - CE/AU/UK	D29, D35-D37
K6	700-15574	BCL Universal Charger - INT	D27-D30, D45
K7	700-15693	LCD Circuit Kit (W/O Prog) - Coated	D5, D19-D20
	700-15702	LCD Circuit Kit (W/O Prog)	
	700-15720	LCD Circuit Kit (With Prog)	
	700-15741	LCD Circuit Kit (With Prog)+CC	
K8	700-15712	Limit Kit - Standard	E12
	700-01440	Limit Kit Infection Control Adapted	
K9	362-15670 ⁽¹⁾	Strap for MSXX4 - No QC, Nylon Strap	-
	700-15703 ⁽¹⁾	Strap Replacement Kit - Nylon Strap	-
	700-15717 ⁽²⁾	Strap Infection Control Kit for MSXX5 and MSXX6	K25
K10	700-15701	Main PCB Kit - Regular	D4
	700-15692	Main PCB Kit - Coated	
K11	700-15726	Transmission Replacement Kit	E1-E20
K12	700-15704	Cabin Kit	C1-C9
K13	700.14900	Wheel Guide Kit for "B" Track Profile	F13
	700.14450	Wheel Guide Kit for "A - D - E" Track Profile	F14
K14	700-15708	Trolley for 2-Function Unit	F1
	700-15713	Trolley for 4-Function Unit	F1-F3, F10
	700-15752	KWIKtrak Extended Trolley Conversion Kit	-
	700-15740	Trolley Extended Curtain Gap 2-Function	F1
K15	700.05320.15	End Stopper for "M" Track Profile	See "Track Profiles" on page 5
	A5320	End Stopper for "B" Track Profile	
	A5320-C	End Stopper for "G/T/W" Track Profile	
	700-01081	End Stopper for "V" Track Profile	
	700-01092	End Stopper for "L" Track Profile	
	700.11005	End Stopper for KWIKtrak & "P" Track Profile	
	700.11010	End Stopper for "A - D - E" Track Profile	
	700-01224	End Stopper for "W" Track Profile	

NOTES:

(1) Nylon Straps are not compatible with ITEM 12, 600-01440 Limit Kit - Infection Control Adapted shown on page 13

(2) Strap Infection Control Kit for MSXX5 and MSXX6 is not compatible with ITEM 12, 600-15665 Limit Kit - Standard shown on page 13

A - Replacement Kits (continued)



A

##REPLACEMENT KITS (CONTINUED)

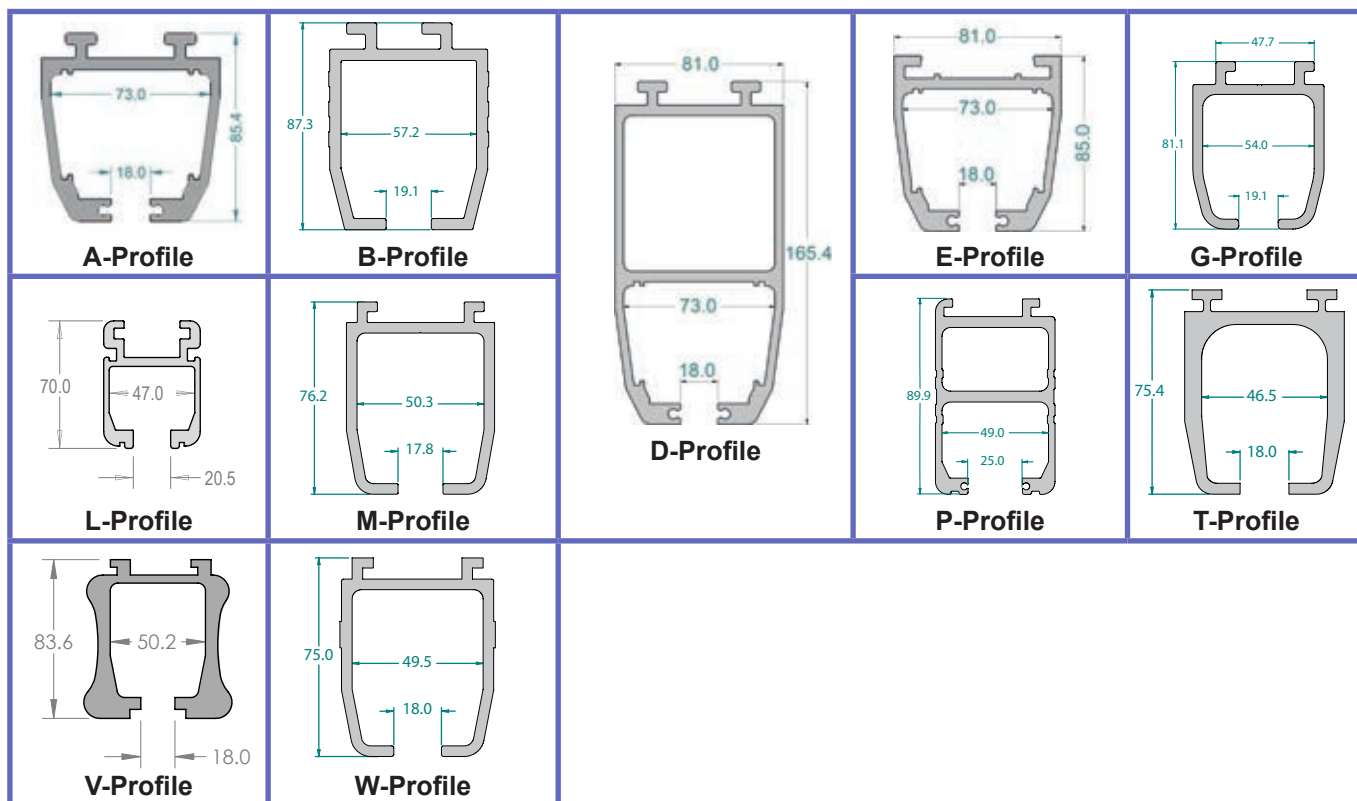
ITEM	PART №	DESCRIPTION	Included Parts
K16	700-31409	C-Stat conversion kit	-
K17	700-15706	Contact Blade Kit - Maxi Sky 2 Regular	-
	700-31410	Contact Blade Kit - Maxi Sky 2 Transportable	-
K18	700-31405	ECS conversion kit	-
K19	700-15724	Infra-Red Kit	-
K20	700-15705	SWL Kit	C4, C5
K21	700-15707	ECS Kit	D8
K22	700-15612	L/R Motor Kit	F4 - F9
K23	700-31400-B	C-Stat receiving module replacement	-
	700-31401-B	ECS receiving module replacement	-
	700-31421-B	Curtain Gap receiving module replacement	-
	700-31400-XX ⁽³⁾	C-Stat receiving module kit	K1, K2
	700-31401-XX ⁽³⁾	ECS receiving module kit	K2
	700-31421-XX ⁽³⁾	Curtain Gap receiving module kit	K1, K2
K24	700.15565	Extended Charger Bracket Kit	Includes Hardware
K25	700-15780	Conversion Kit MS2 Infection Control	-
K26	700-19471	Kit Covers for 2 Hook Spreader Bar Infection Control	-

NOTES:

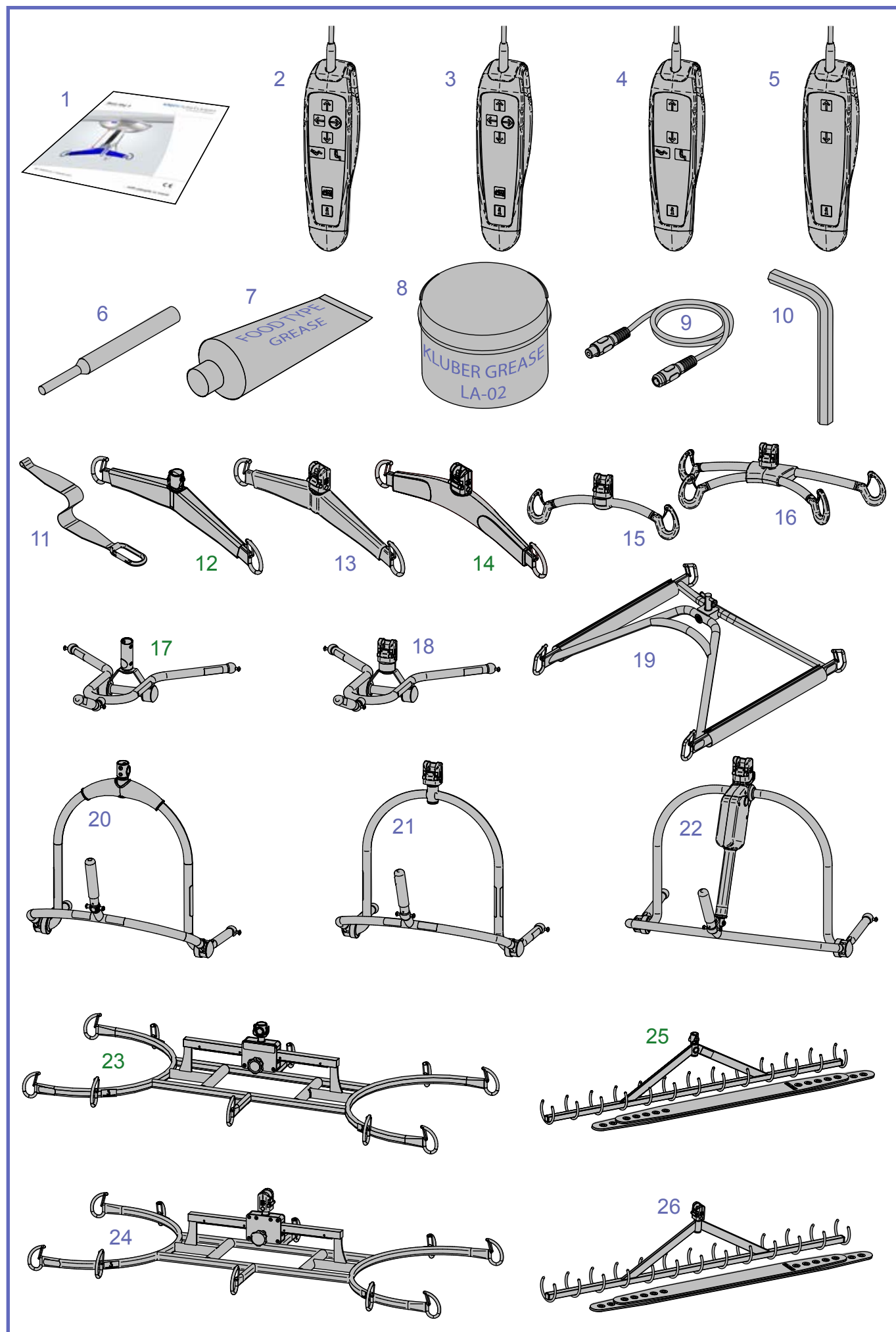
(3) Where "XX" corresponds to country code:

- 01 = United States & Canada (US/CA)
- 08 = United Kingdom (UK)
- 22 = Australia (AU)
- 98 = Europe (EU)

Track Profiles



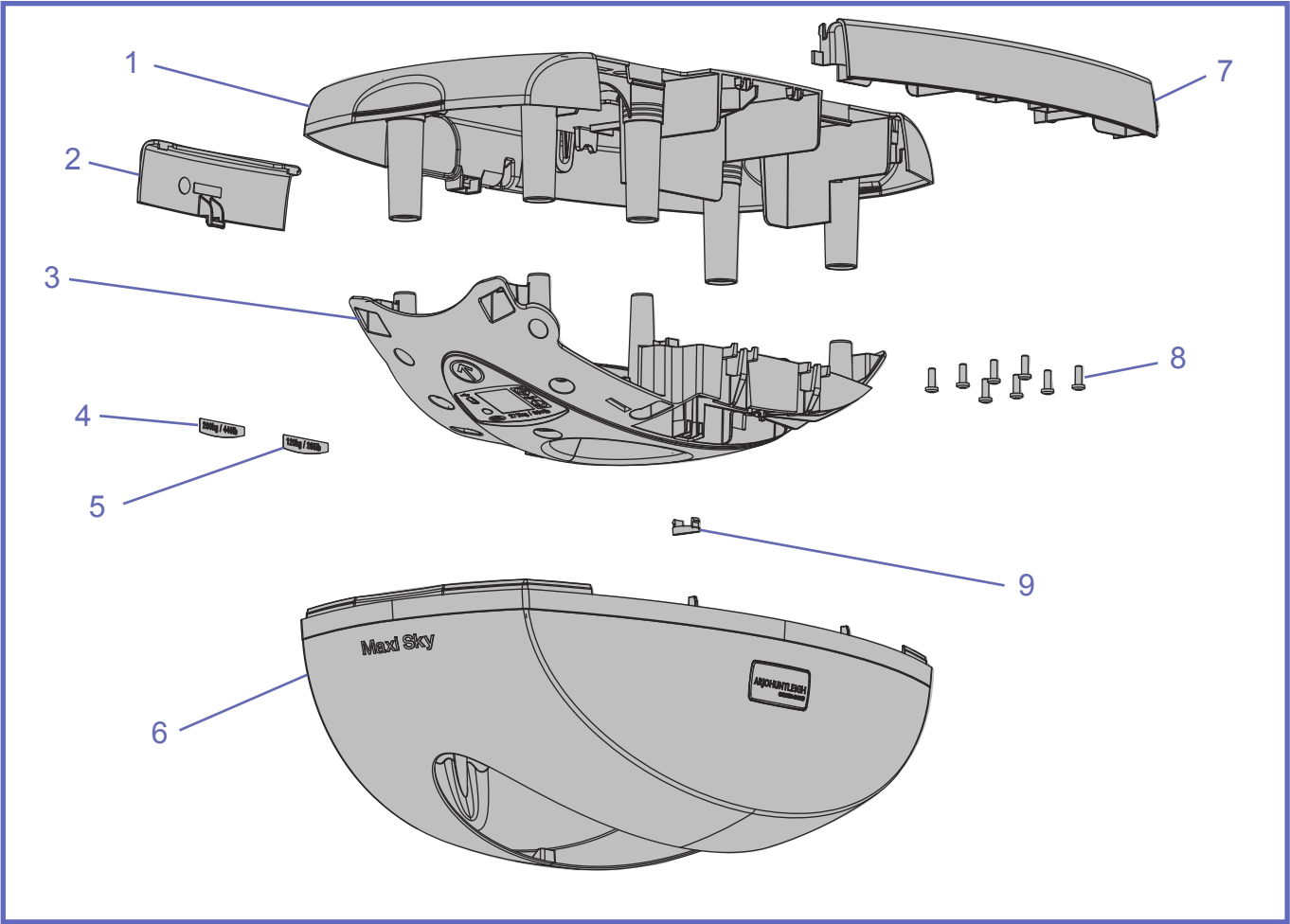
B - General Parts / Accessories



B**GENERAL PARTS / ACCESSORIES**

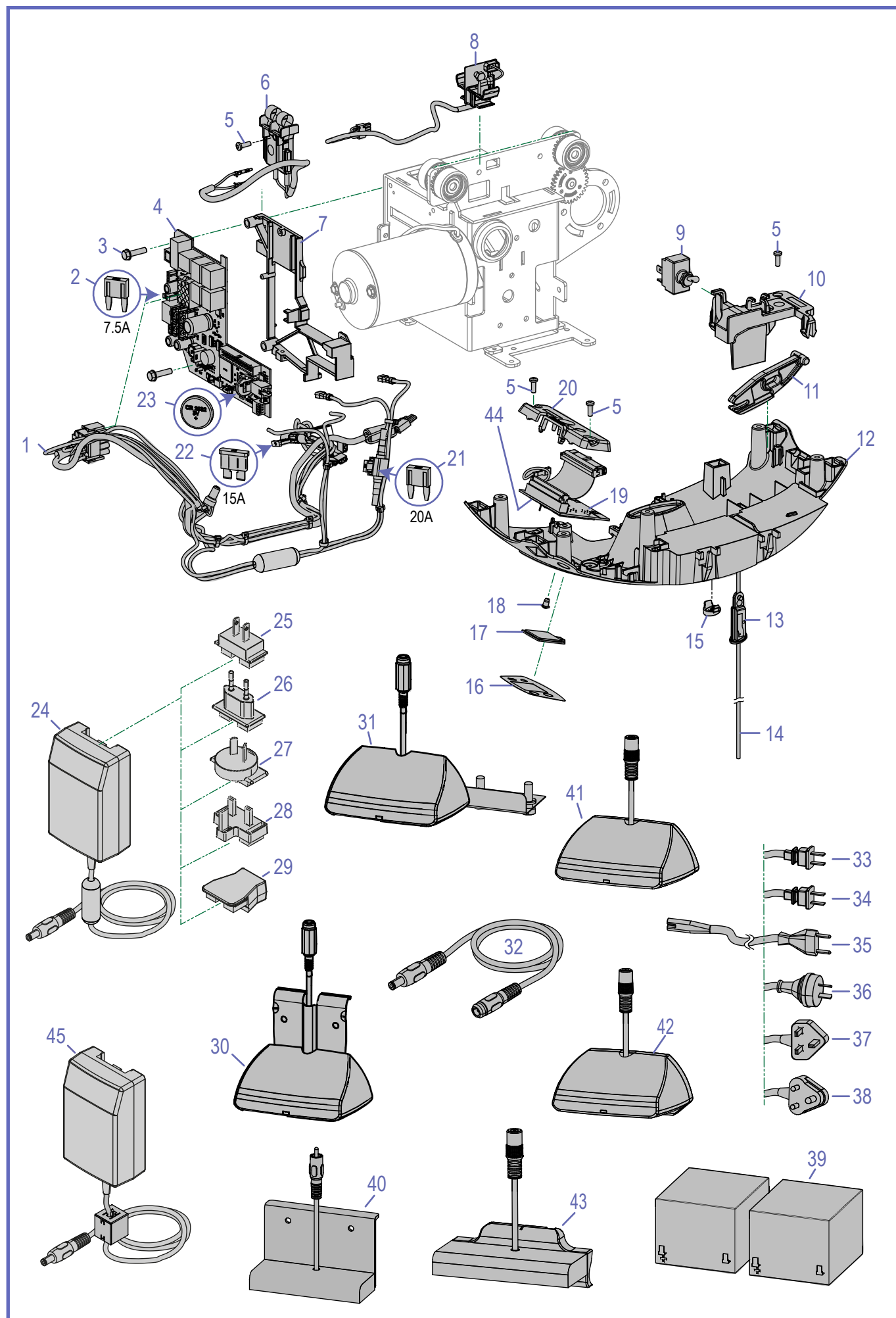
ITEM	PART №	DESCRIPTION	QTY	REMARKS	KIT
1	001-15698-XX	Maxi Sky 2 Instructions for Use	1		
2	700-13841-B	Hand Control for 4-Function Unit w DPS	1		
3	700-13842-B	Hand Control for 4-Function Unit	1		
4	700-13861-B	Hand Control for 2-Function Unit w DPS	1		
5	700-13862-B	Hand Control for 2-Function Unit	1		
6	005.00374	Connector Pin Extractor	1		
7	P8180	Grease Lubriplate FGL-1	1		
8	P8190	Kluber Grease LA-02	1		
9	402.15507	Cable Adaptor RCA(F) - DC2.5(F)	1	Used to connect charger with charging stations featuring a RCA connector	
10	000.03975	8 mm Short Allen Key	1		
11	700-14030	1-Meter Coated Strap Extension	1		
12	700-05461-BOX	2-Hook Spreader bar M no QC	1		
13	700-19415	2-Hook Spreader Bar M QC	1		
14	700-19470	2-Hook Spreader Bar M QC Infection Control	1		
15	700-19420	2-Hook Spreader Bar S QC	1		
16	700-19430	4-Hook Spreader Bar QC	1		
17	700-19200	DPS Manual 4-Point Clip Flat no QC	1		
18	700-19475	DPS Manual 4-Point Clip Flat QC	1		
19	700-05443	4_Hook Spreader Bar no QC	1		
20	700-19340-BOX	DPS Manual 4-Point Clip Open no QC	1		
21	700-19480	DPS Manual 4-Point Clip Open QC	1		
22	700-19350	PDPS 4-Point Clip Open M QC	1		
	700-19355	PDPS 4-Point Clip Open L QC			
23	700-19522	Stretcher Frame no QC	1		
24	700-15695	Stretcher Frame QC	1		
25	700.05380	Morgue Stretcher - Regular Bands no QC	1		
	700.05385	Morgue Stretcher - Large Bands no QC			
26	700-05382	Morgue Stretcher - Regular Bands QC	1		
	700-05387	Morgue Stretcher - Large Bands QC			

C - Housing

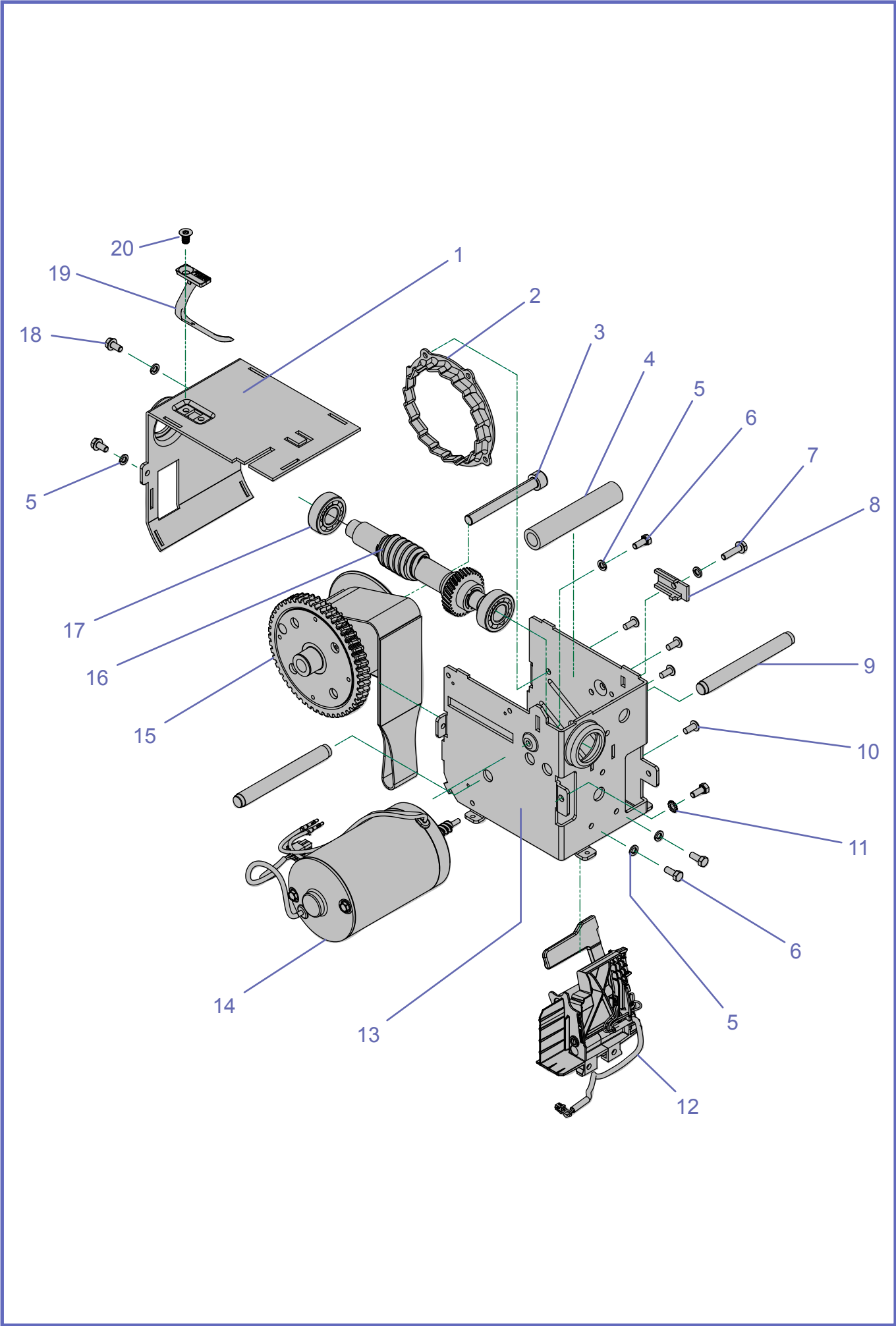


C		<i>Housing</i>			
ITEM	PART №	DESCRIPTION	QTY	REMARKS	KIT
1	200-15624	Top Cabin	1		
2	200-15625	Tool Door	1		
3	600-15711	Bottom Cabin	1		K12
4	001-15639	200 kg SWL Sticker	1		K20
5	001-15638	120 kg SWL Sticker	1		K20
6	600-15642	Cover Assy	1		K12
7	200-15626	Battery Door	1		
8	000.02480	Tap Screw Plastite 4.0 X 12	8		
9	200-15636	Grommet Plug	1		

D - Chassis & Electrical



D CHASSIS & ELECTRICAL					
ITEM	PART №	DESCRIPTION	QTY	REMARKS	KIT
1	700-01266	Wire Harness MS-2	1		
2	480-00004	Fuse Mini 32V 7.5A	1		
3	000.02590	Screw M5 X 20 Taptite	2		
4	492-00083	PCBA Motor Control MS-2	1		K10
5	000.02480	Tap Screw Plastite 4.0 X 12	4		
6	600-15679	Contact Blade Kit	1		K17
7	200-15649	MS-2 PCB Support	1		
8	700-15707	MS-2 ECS Kit	1		
9	460.00061	SW Toggle DPST 15A	1		
10	200-15633	Toggle Switch Support	1		
11	200-15632	Rocking Arm Toggle	1		
12	200-15629	Strap Inlet	1		
13	200-15631	Drawer Stop	1		
14	000-01345	Red Silicone Cord 26" Long	1		
	000-01159	Red Silicone Cord	-	Order by foot increments	
15	200-15636	Grommet Plug	1		
16	001-15637	Display Sticker SWL 272 Kg	1		K12
17	200-15667	LCD Screen Cover	1		K12
18	200-15651	LED Lens	1		K12
19	492-00082	PCBA LCD MS-2	1		K7
20	200-15646	Screen Support	1		
21	480-00062	Fuse Mini 32V 20A	1		
22	480.00115	Fuse ATO 15A	1		
23	403.02032	Battery 3V Lithium CR2032	1		
24	700-15567-B	Universal Charger	1		
25	200-15561	Primary adaptor - UL/JP	1		
26	200-15563	Primary adaptor - CE	1		
27	200-15564	Primary adaptor - AU	1		
28	200-15565	Primary adaptor - UK	1		
29	200-15569	Primary adaptor - IEC	1	For use with appropriate power cord (item 33 - 38)	
30	700-15522-0	KWIKtrak Charge Station 2.5 DC	1		K1
31	700-15522-1	Charge Station 2.5 DC Other Tracks	1		K1
32	402.15508	Charger Extension 2.5 DC	1		
33	402-10001	Power Cable White Class 2 (UL)	1		
34	402-10002	Power Cable White Class 2 (JP)	1		
35	402-10003	Power Cable White Class 2 (CE)	1		
	402.00014	Power Cable Black Class 2 (Israel)			
	402-00135	Power Cable Black Class 2 (Korea)			
36	402-10004	Power Cable White Class 2 (AU)	1		
37	402-10005	Power Cable White Class 2 (UK)	1		
38	402-00134	Power Cable White Class 2 (S. Africa)	1		
39	403.10500	12V 5AH Batteries	1	It is strongly suggested to order in pairs	
40	700-15522-6	Charger Station for Arjo Bravo UK and Bianca	1		K1
41	700-01043	Charger Station W Profile 2.5 DC	1		K1
42	700-01059	Charger Station L Profile 2.5 DC	1		K1
43	700-01141	Charger Station V Profile 2.5 DC	1		K1
44	200-15739	LCD Positioning Frame	1		K7
45	700-15562	BCL Universal Charger	1		



E <i>TRANSMISSION</i>					
ITEM	PART №	DESCRIPTION	QTY	REMARKS	KIT
1	200-15731	L Shape Frame Machined	1		K11
2	203-15618	Disk With Teeth Emergency Brake	1		K11
3	000-03766	Screw M8 X 70 Soc Zp	1		K11
4	200.14060	Strap Roller	1		
5	000.02900	Lock Washer M5 Zinc	6		
6	000.02550	Screw M5 X 12 Hex Zinc	4		
7	000.02590	Screw M5 X 20 Taptite	1		
8	203.14030	Lock Trolley	1		
9	203.14050	Shaft 12mm	2		
10	010.00899	Rivet 3/16 1/8-1/4 Stainless	4		
11	000.02915	Star Washer M5 Zinc	1		
12	600-15665	Limit Kit - Standard	1	Not compatible with 700-15717 coated strap kit	K8, K11
	600-01440	Limit Kit - Infection Control Adapted	1	Not compatible with 362-15670 Nylon strap nor 700-15703 replacement kit	K8
13	200-15730	U Shape Frame Machined	1		K11
14	400-14005	Vertical Motor With Encoder	1		
15	600-15671	Drum Assembly	1		K11
16	600-15684	Transmission Shaft 12DP Assembly	1		K11
17	000-04985	Bearing Self-Align 15 X 35 X 11	2		K11
18	000.02562	Screw M5 X 10 Taptite	2		
19	200-19152	Worm Gear Protector	1		
20	000-01198	Screw M6 X 10 Taptite Flat Sock	1		

This exploded view diagram illustrates the assembly of a window blind, showing the relationship between various components and their assembly sequence. The components are numbered 1 through 14:

- 1:** Main blind body/frame.
- 2:** Gear.
- 3:** Small pin/bush.
- 4:** Small pin/bush.
- 5:** Gear housing/cover.
- 6:** Pin/bush.
- 7:** Motor unit.
- 8:** Gear.
- 9:** Pin/bush.
- 10:** Pin/bush.
- 11:** Pin/bush.
- 12:** Pin/bush.
- 13:** Bracket/plate.
- 14:** Roller/pulley.

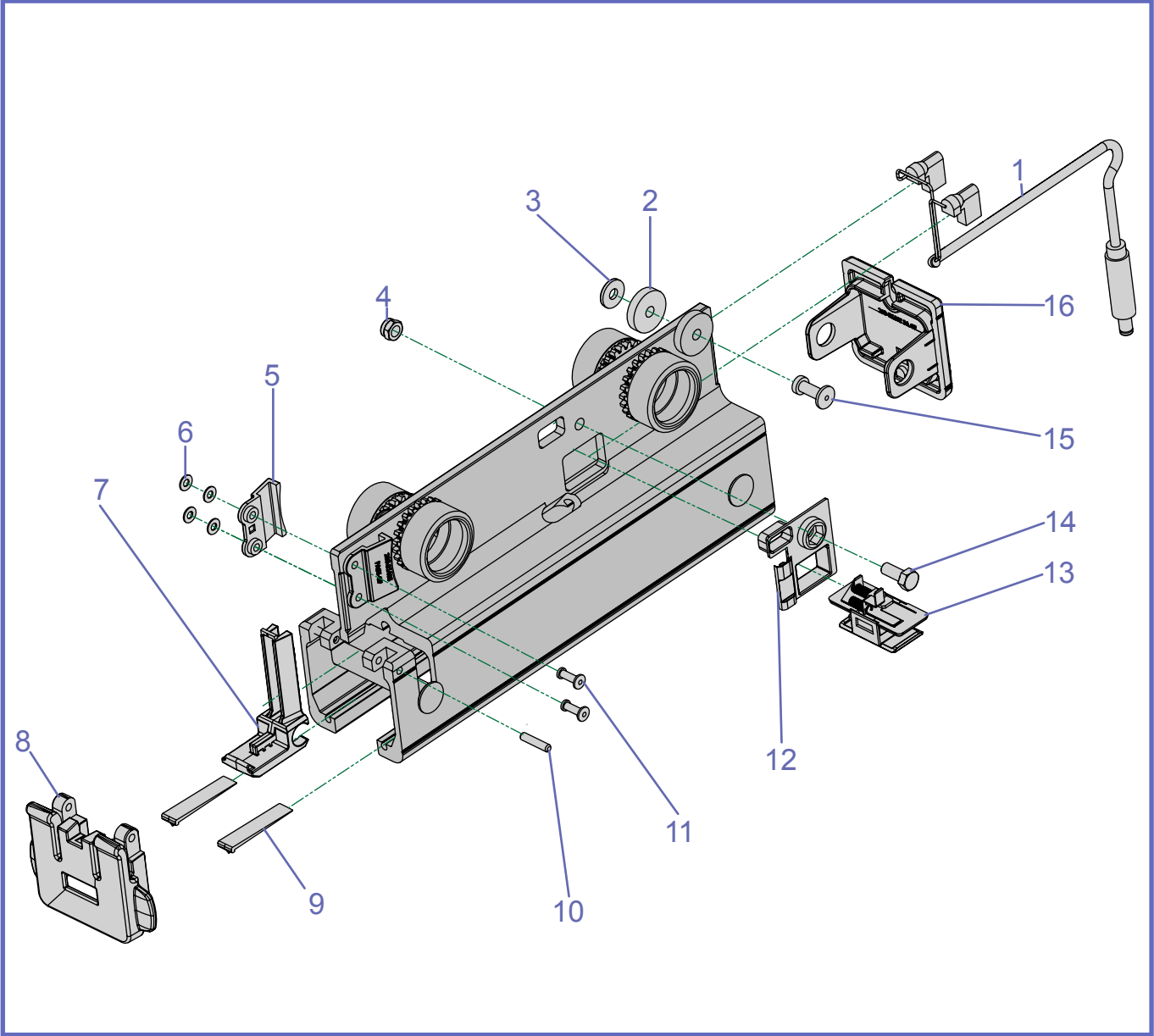
The diagram shows the following assembly steps and configurations:

- 2-Function:** Shows the main body (1) with the gear (2) and pin (3) installed.
- 4-Function:** Shows the main body (1) with the gear (2) and pin (3) installed, and the gear housing (5) attached.
- Extended:** Shows the main body (1) with the gear (2) and pin (3) installed, and the gear housing (5) attached, with the pin (4) inserted.
- Curtain gap Extended:** Shows the main body (1) with the gear (2) and pin (3) installed, and the gear housing (5) attached, with the pin (4) inserted, and the pin (6) inserted into the motor unit (7).
- Assembly Sequence:** The main body (1) is shown with the gear (2) and pin (3) installed. The gear housing (5) is shown with the gear (8) and pin (4) installed. The pin (6) is shown inserted into the motor unit (7). The bracket (13) is shown with the pin (12) inserted. The roller (14) is shown with the pin (12) inserted. The pin (11) is shown inserted into the main body (1).

F <i>TROLLEY</i>					
ITEM	PART №	DESCRIPTION	QTY	REMARKS	KIT
1	600-15605	Trolley KWIKtrak/B/M/P track profile	1	Note (1)	K14
	600-15702	Trolley "L-V-W" track profile			
	600-15703	Trolley "G" track profile		Requires Item 11-13	
	600-15704	Trolley "T" track profile			
	600-15740	Trolley Extended Curtain gap 2 F			
2	200-15603	30 teeth idler gear	2		K14
3	203-15691	Bushing idler	2		K14
4	000-02570	Screw M5 X 12 flat socket ZP ADH	3		K22
5	200-15610	Support L/R motor	1		K22
6	000.02600	Spring pin 5 X 26 zinc	1		K22
7	400-24010	L/R motor	1		K22
8	200-15604	Motor gear 29 teeth	1		K22
9	000.02480	Tap screw plastite 4.0 X 12	3		K22
10	010-00920	Pop rivet ø4.8 11-15 stainless	1		K14
11	000.02800	Locknut M5 Zinc	2		
12	000.02575	Screw M5 Zinc	2		
13	700.14900	Wheel guide for "B" track profile	1		K13
14	700.14450	Wheel guide for "A - D - E" track profile	1		K13

(1) Kit K13 is required when installing lift onto a "B" profile track system

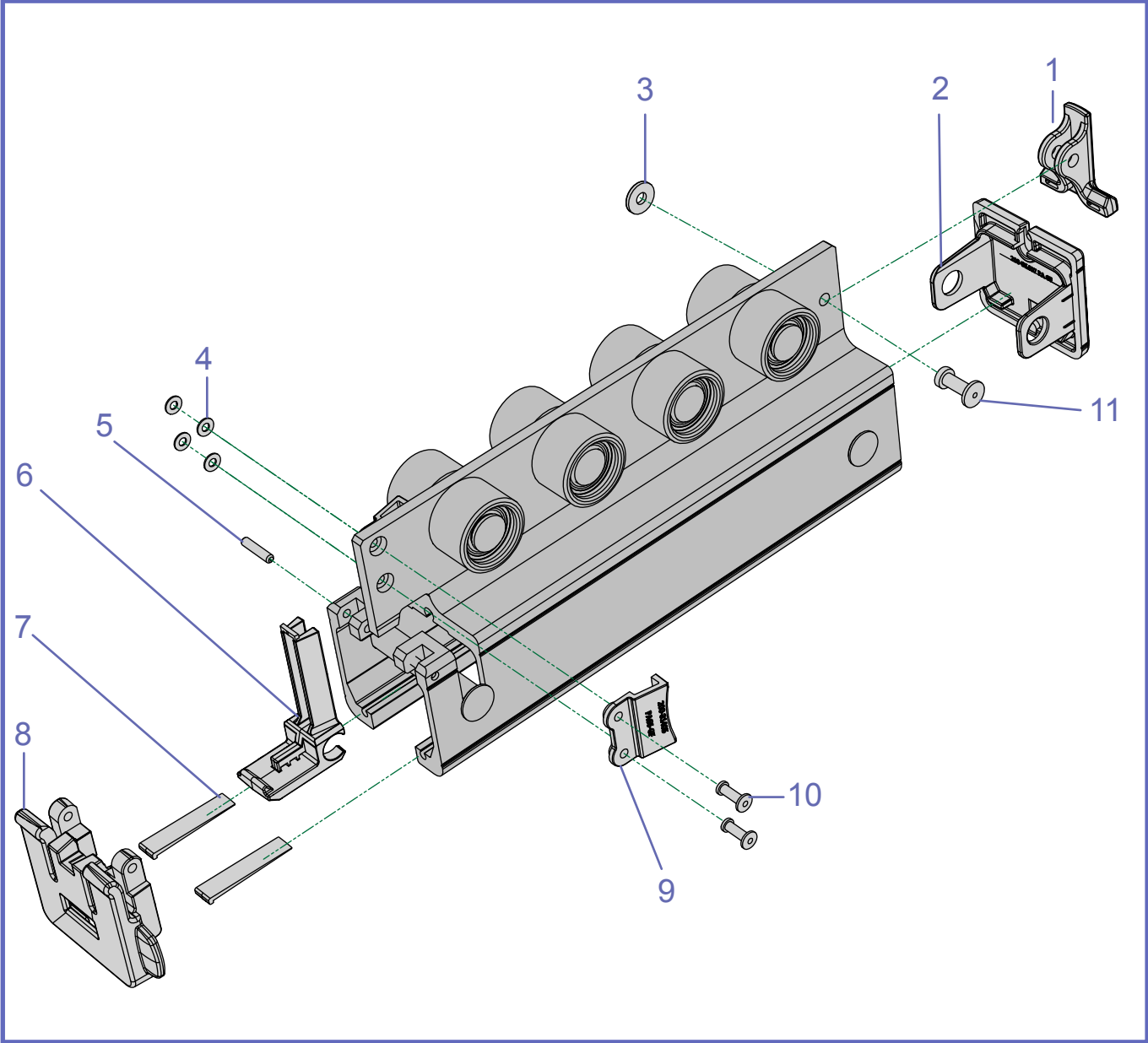
G - ECS and C-Stat Receiving Module



G**box ECS AND C-STAT RECEIVING MODULE**

ITEM	PART №	DESCRIPTION	QTY	REMARKS	KIT
1	402-31403	ECS cable Transportable Receiving Module	1	For ECS version only	
2	000-31418	FTWSH nylon 3/16ID 3/4OD 5/32T	2		
3	000.00168	FTWSH 3/16 X 1/2 X 1/16	1		
4	000.02800	Locknut, M5 zinc	1	For ECS version only	
5	200-31405	Vert. guide Transportable Receiving Module	2		
6	000.02405	Flat washer	4		
7	200-31406	Slider Transportable Receiving Module	1		
8	200-31408	Door Transportable Receiving Module	1		
9	200-31417	Wedge Transportable Receiving Module	2		
10	000-31422	SPRPIN 3 X 16mm	2		
11	000.00887	Rivet 1/8 5/16-3/8 Alum	2		
12	200.07661	Guide box trolley ECS	1	For ECS version only	
13	G700-07650	Contact box assy ECS	1	For ECS version only	
14	000.02550	Screw M5 X 12 HEX	1	For ECS version only	
15	000-31424	Rivet 3/16 1/2-5/8 Alum	1		
16	200-31407	End cover Transportable Receiving Module	1		

H - Curtain Gap Receiving Module



<i>H</i> <i>CURTAIN GAP RECEIVING MODULE</i>					
ITEM	PART №	DESCRIPTION	QTY	REMARKS	KIT
1	200-31426	Counter support Curtain Gap Maxi Sky 2 Transportable	1		
2	200-31407	End cover Transportable Receiving Module	1		
3	000.00168	FTWSH 3/16 X 1/2 X 1/16	1		
4	000.02405	Flat washer M3 zinc	4		
5	000-31422	SPRPIN 3X 16mm	2		
6	200-31406	Slider Transportable Receiving Module	1		
7	200-31417	Wedge Transportable Receiving Module	2		
8	200-31408	Door Transportable Receiving Module	1		
9	200-31405	Vert. guide Transportable Receiving Module	2		
10	000.00887	Rivet 1/8 5/16-3/8 Alum	2		
11	000-31424	Rivet 3/16 1/2-5/8 Alum	1		

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