

FreeRider[®]

SPARE PARTS MANUAL

Luggie[®]

FRL054ASUKN

Luggie Super Deluxe

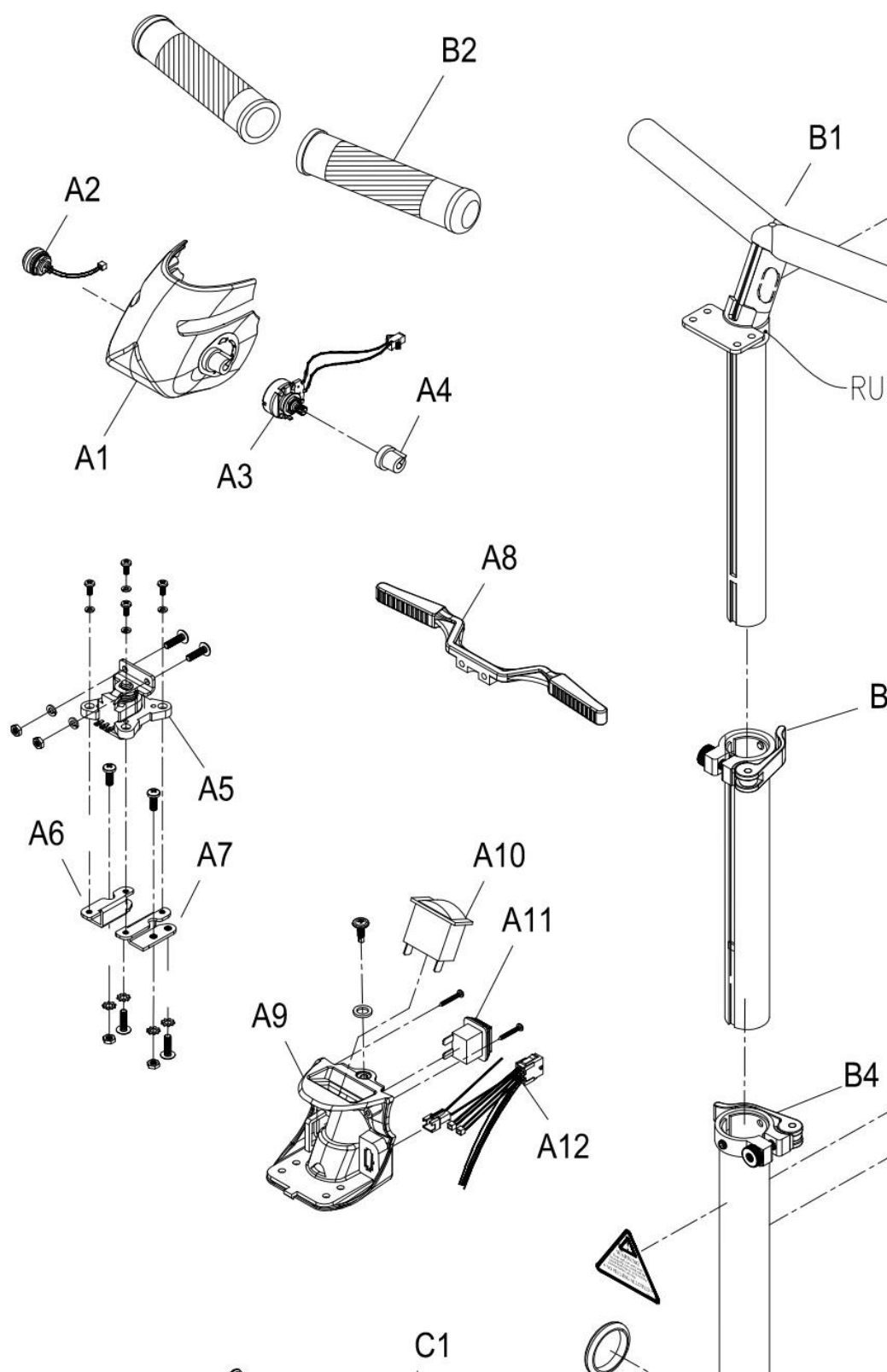


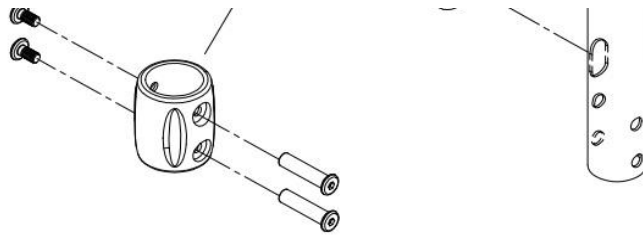
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1. HANDLEBAR ASSEMBLY

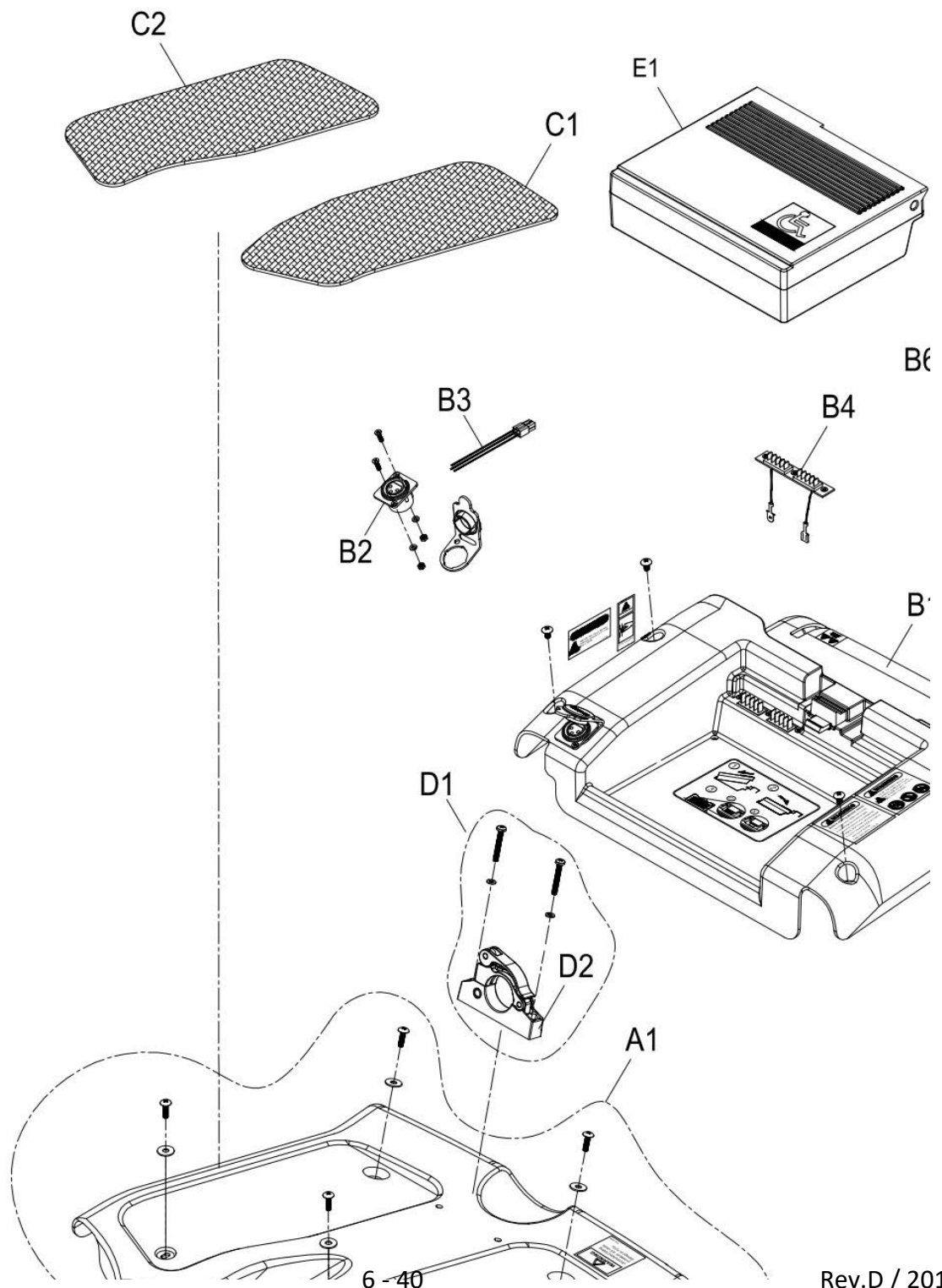


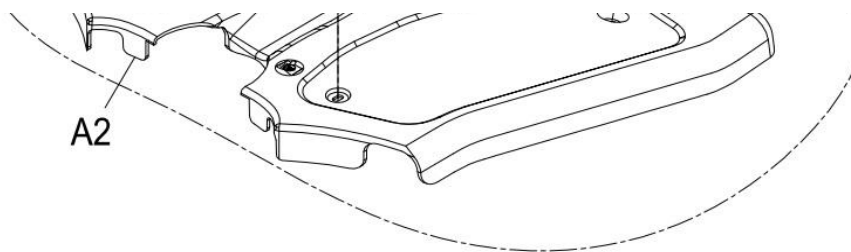


1. HANDLEBAR ASSEMBLY

販售 Selling	項目 ITEM	品號 Part Number	中文品名 Part Name-CN	英文品名 Part Name-EN	數量 QTY
	A1 – C1				
	A1 – A12	AA0A-0200-OD1	把手上控總成	Top console cover assy.	1
	A1 – A4	AA03-FB00-OD1	把手前蓋總成	Tiller front cover assy.	1
	A1	PP03-0121-OD1	把手前蓋	Tiller front cover	1
	A2	PKE1-0272-A	喇叭開關	Horn button	1
	A3	PAE1-0106-MO	20KVR小總成	20KVR Potentiometer	1
	A4	PP01-0503	速度旋鈕	Speed knob	1
	A5 – A7	PA02-A700	5KVR小總成	5KVR Potentiometer assy.	1
	A5	PKE1-0305	5KVR可變電阻	5KVR Potentiometer	1
	A6	PM02-0109-R	5KVR固定座-右	Potentiometer plate(Right)	1
	A7	PM02-0109-L	5KVR固定座-左	Potentiometer plate(Left)	1
	A8	PP02-0602	塑膠撥桿	Wig wag accelerator	1
	A9 – A12	AA02-FB00-OD1	把手後蓋總成	Tiller rear cover assy.	1
	A9	PP02-0130-OD1	把手後蓋	Tiller rear cover	1
	A10	PKE1-0713	LED電量顯示器	Batterymeter	1
	A11	PKE1-0110	電源開關	Power switch	1
	A12	PKE1-0272	8P信號線	Electronic	1
	B1 – B4	PA01-A603-1	T把小總成-三節式	Tiller assy.	1
	B1	PM02-0521	T型把手(加長)	Tiller, upper	1
	B2	PP02-0208	把手握套	Hand grip	2
	B3	PM10-0503	快拆	Clamp assy.	1
	B4	PM10-0502	快拆	Clamp assy.	1
	C1	PA01-A120	軸套(螺絲殼)小總成	Casting assy.	1

2. CHASSIS COVER AND BATTERY ASSEMBLY

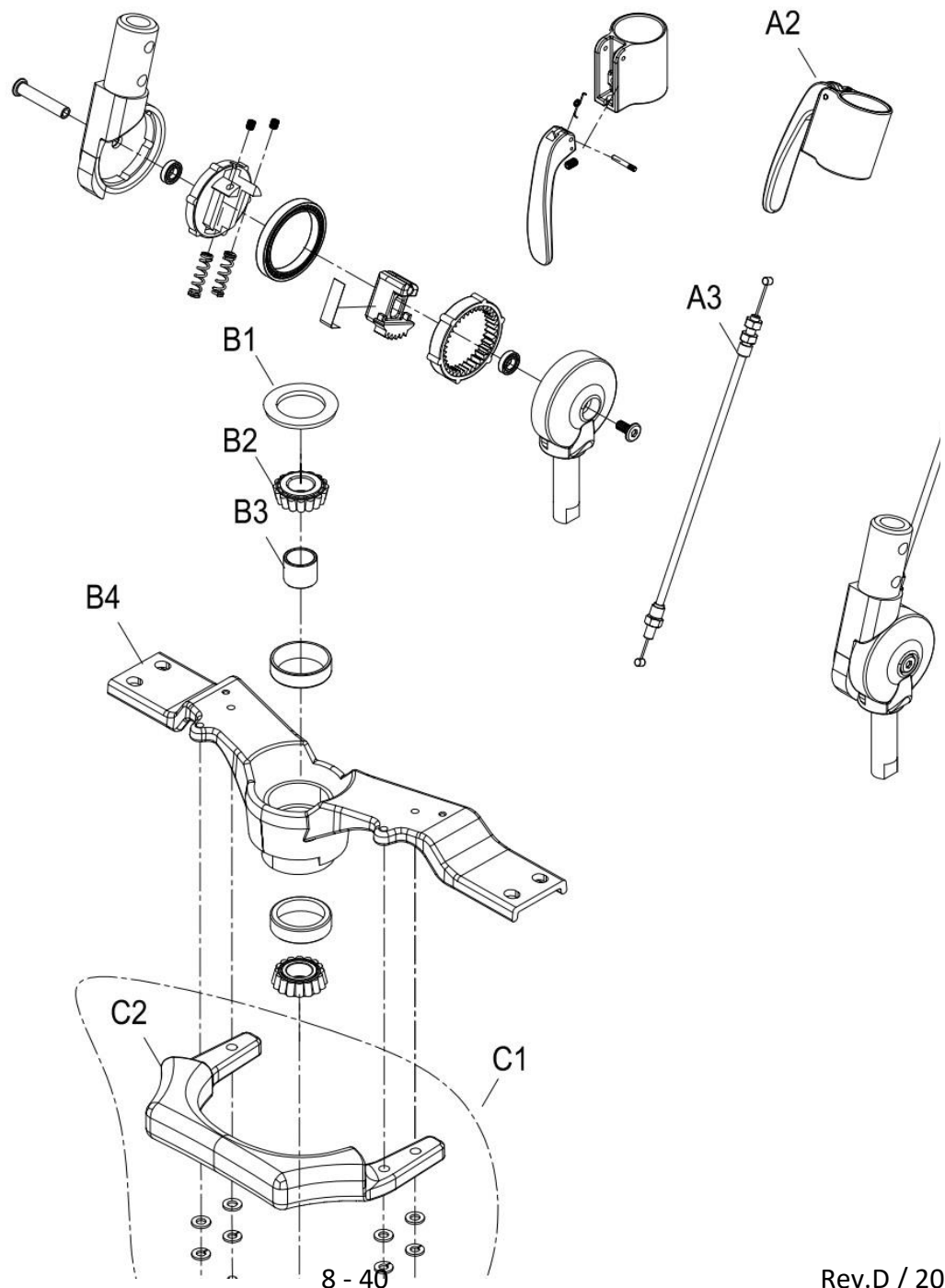




2. CHASSIS COVER AND BATTERY ASSEMBLY

販售 Selling	項目 ITEM	品號 Part Number	中文品名 Part Name-CN	英文品名 Part Name-EN	數量 QTY
	A1－E1				
	A1	AA04-4200-◎	前車殼總成	Front chassis cover assy.	1
	A2	PP04-0150-◎	前車殼	Front chassis cover	1
	B1－B6	AA05-2800-◎	後車殼總成	Rear chassis cover assy.	1
	B1	PP05-0160-◎	後車殼	Rear chassis cover	1
	B2－B3	PAE1-0410-NP-A00	充電座小總成	Charge socket assy.	1
	B2	PKE1-0905-A00	充電座(無PUSH)	Charge socket	1
	B3	PKE1-0231	4P充電線	Charging cable	1
	B4	PAE1-1400	電池插座小總成	Battery connector assy.	1
	B5－B6	PAE4-1000	電池前卡鉗小總成	Battery locker assy.	1
	B5	PP05-0603	電池前卡鉗固定板	Plastic plate	1
	B6	PP05-0602	電池前卡鉗	Sliding caliper	1
	C1	PP04-0412-L	止滑踏墊-左	Carpet(Left)	1
	C2	PP04-0412-R	止滑踏墊-右	Carpet(Right)	1
	D1	PA07-0010	T把固定座小總成	Tiller clamp assy.	1
	D2	PM02-1001	T把固定座	Tiller clamp	1
	E1	PA04-A702-B	電池盒小總成	10.5ah Lithium battery	1

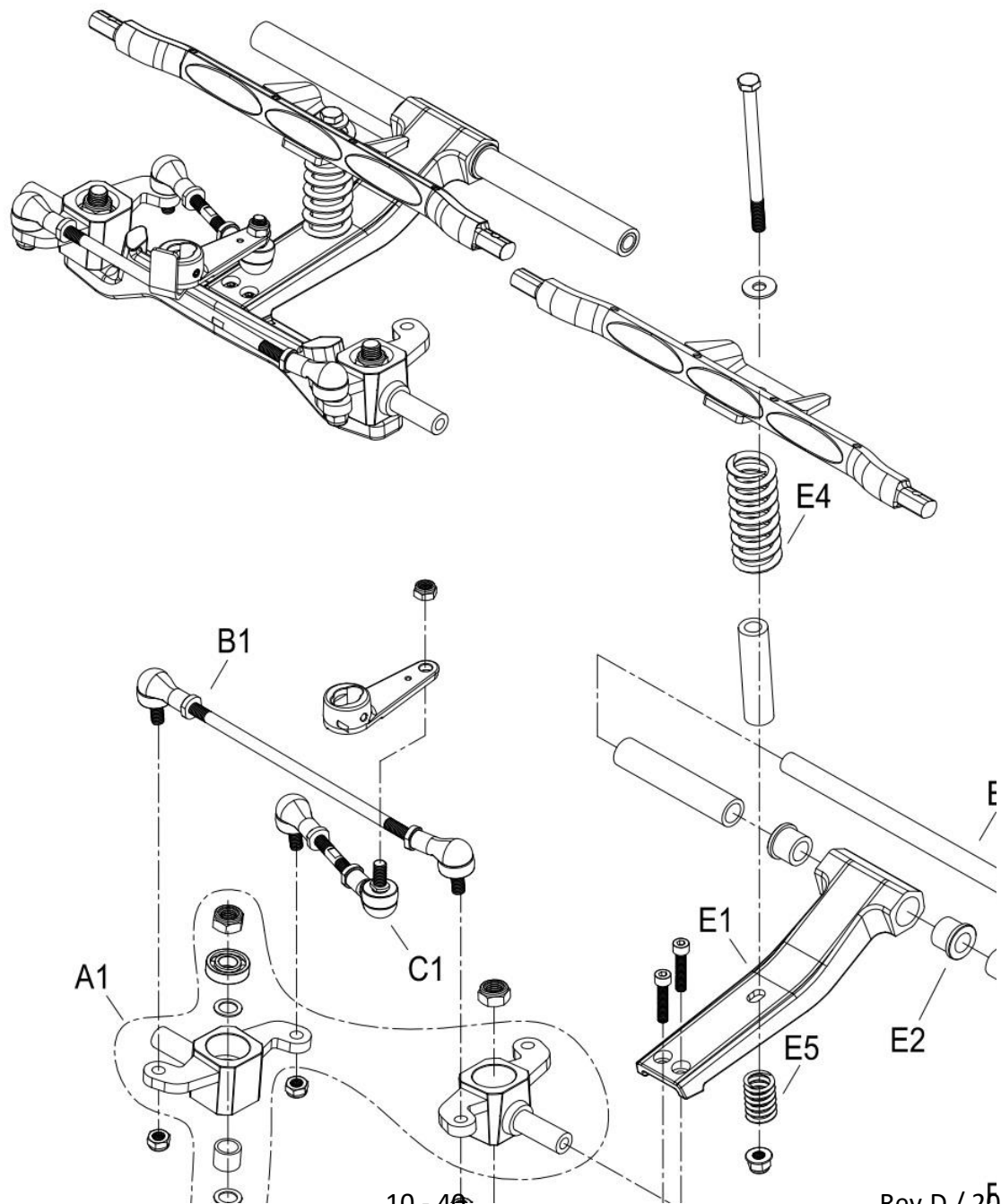
3. STEERING(一)





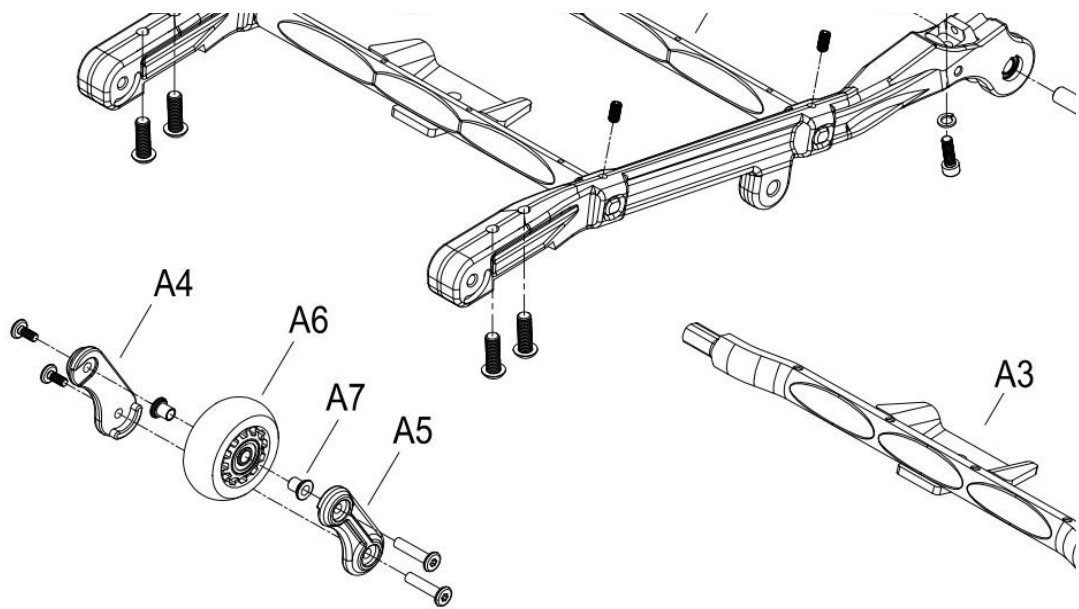
~~Rev.D / 2019.12.02~~

3. STEERING(二)



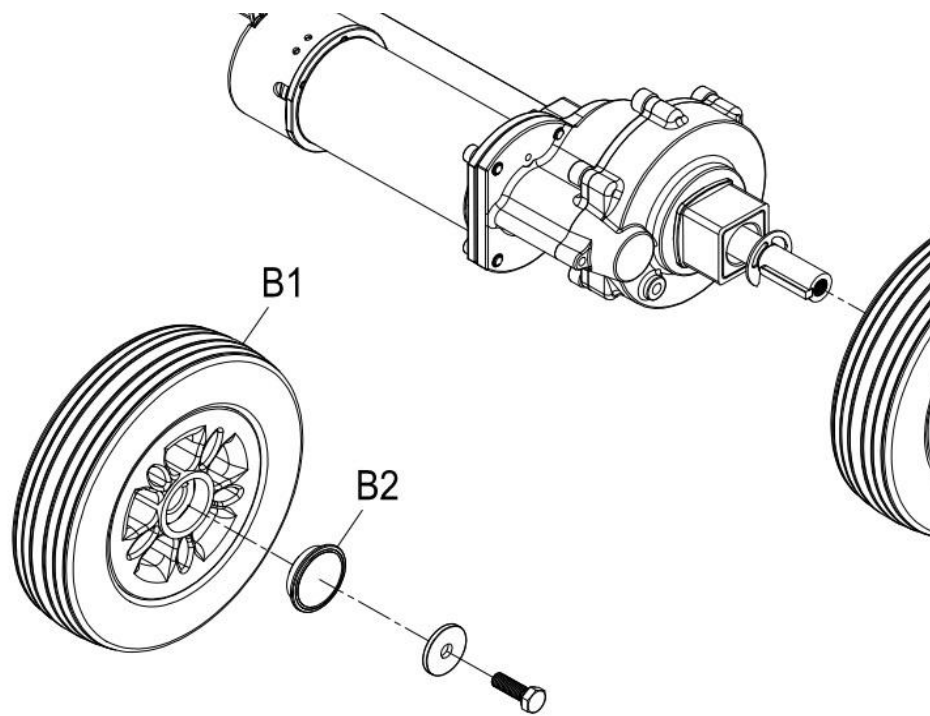


U.K.



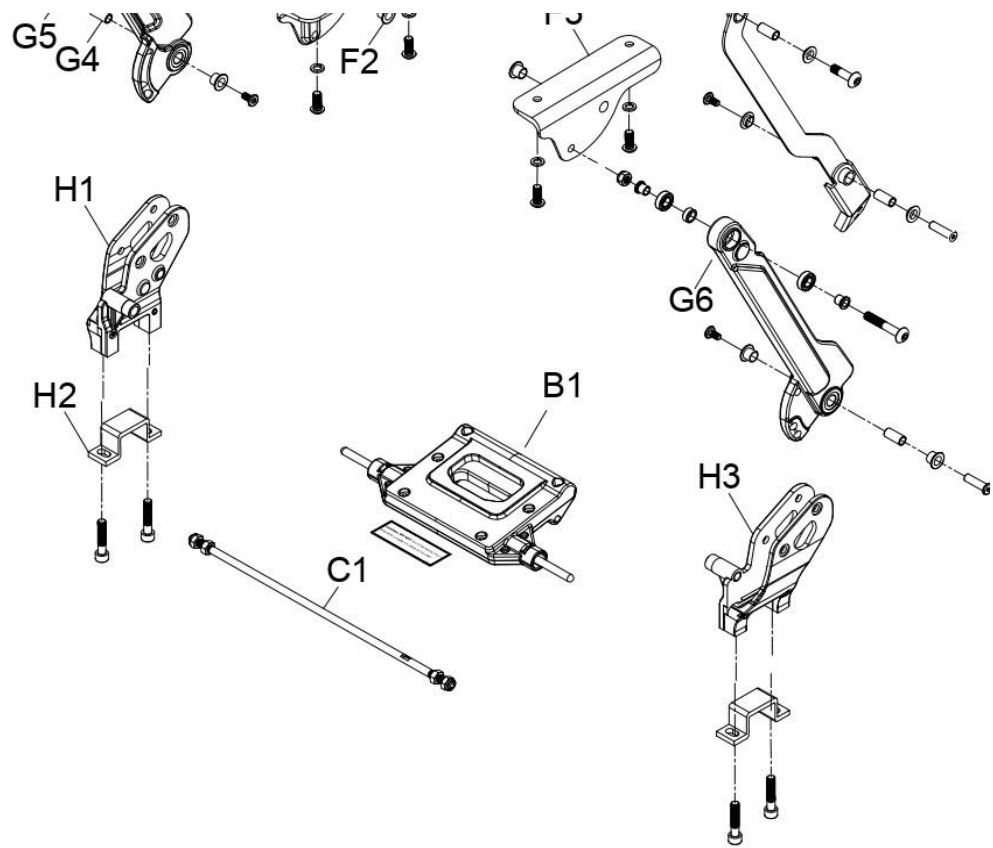
4. CHASSIS ASSEMBLY

販售 Selling	項目 ITEM	品號 Part Number	中文品名 Part Name-CN	英文品名 Part Name-EN	數量 QTY
	A1 – B9				
	A1 – A8	AB01-FB03	前車架總成	Front chassis assy.	1
	A1 – A3	AB01-0004	前車架小總成	Front chassis assy.	1
	A1	PM06-0139-1	前車架	Front frame	2
	A2	PM07-2011	橫桿	Cross bar	1
	A3	PM07-2012	橫桿	Cross bar	1
	A4 – A7	PA07-A103	前防傾輪小總成	Anti-tip wheel assy.	2
	A4	PP07-0400-R	防傾輪固定座-右	Transporting wheels bracket (Right)	1
	A5	PP07-0400-L	防傾輪固定座-左	Transporting wheels bracket (Left)	1
	A6	PP07-0104	防傾輪	Anti-tip wheel	1
	A7	PM00-0117	T套管	Plastic bushing	2
	A8	PA09-A605	轉折器扣件小總成	Chassis hook assy.	2
	B1 – B9	AB02-FB01	後車架總成	Rear chassis assy.	1
	B1 – B4	AB02-0002	後車架小總成	Rear chassis assy.	1
	B1	PM07-0146-R	後車架-右	Rear frame (Right)	1
	B2	PM07-0146-L	後車架 -左	Rear frame (Left)	1
	B3	PM07-2011	橫桿	Cross bar	1
	B4	PP06-0601	T型襯套	Plastic bushing	4
	B5 – B8	PA07-A115	後防傾輪小總成	Anti-tip wheel assy.	2
	B5	PM07-2100-L	防傾輪固定座-左	Transporting wheels bracket (Left)	1
	B6	PM07-2100-R	防傾輪固定座-右	Transporting wheels bracket (Right)	1
	B7	PP07-0108	防傾輪	Anti-tip wheel	1



5. DRIVE SYSTEM

販售 Selling	項目 ITEM	品號 Part Number	中文品名 Part Name-CN	英文品名 Part Name-EN	數量 QTY
	A1 – B2				
	A1 – A7	AC11-2305	差速器總成	Transaxle/Motor/Brake assy.	1
	A1 – A3	PA11-B320	差速器小總成	Transaxle assy.	1
	A1	PM11-0237	差速器	Transaxle	1
	A2	PP11-0502	馬達連接器	Shaft	1
	A3	PM13-0201	單圓鍵	Key	2
	A4 – A7	PA05-A143-SY41	馬達小總成	Motor assy.	1
	A4	PM11-0347-SY41	馬達	Motor	1
	A5 – A7	PM11-0108-C	剎車器	Magnetic brake assy.	1
	A5	PM11-0802	剎車器六角柱	Hexagonal column	1
	A6	PM11-0108-C1	剎車器	Magnetic brake	1
	A7	PP11-0606-A	剎車蓋	Brake cap	1
	B1 – B2	AC08-FAXAE	後輪總成	Rear wheel assy.	2
	B1	AC13-1400-1	後輪	Rear wheel	1
	B2	PP91-0002	輪圈蓋	Rim cap	1

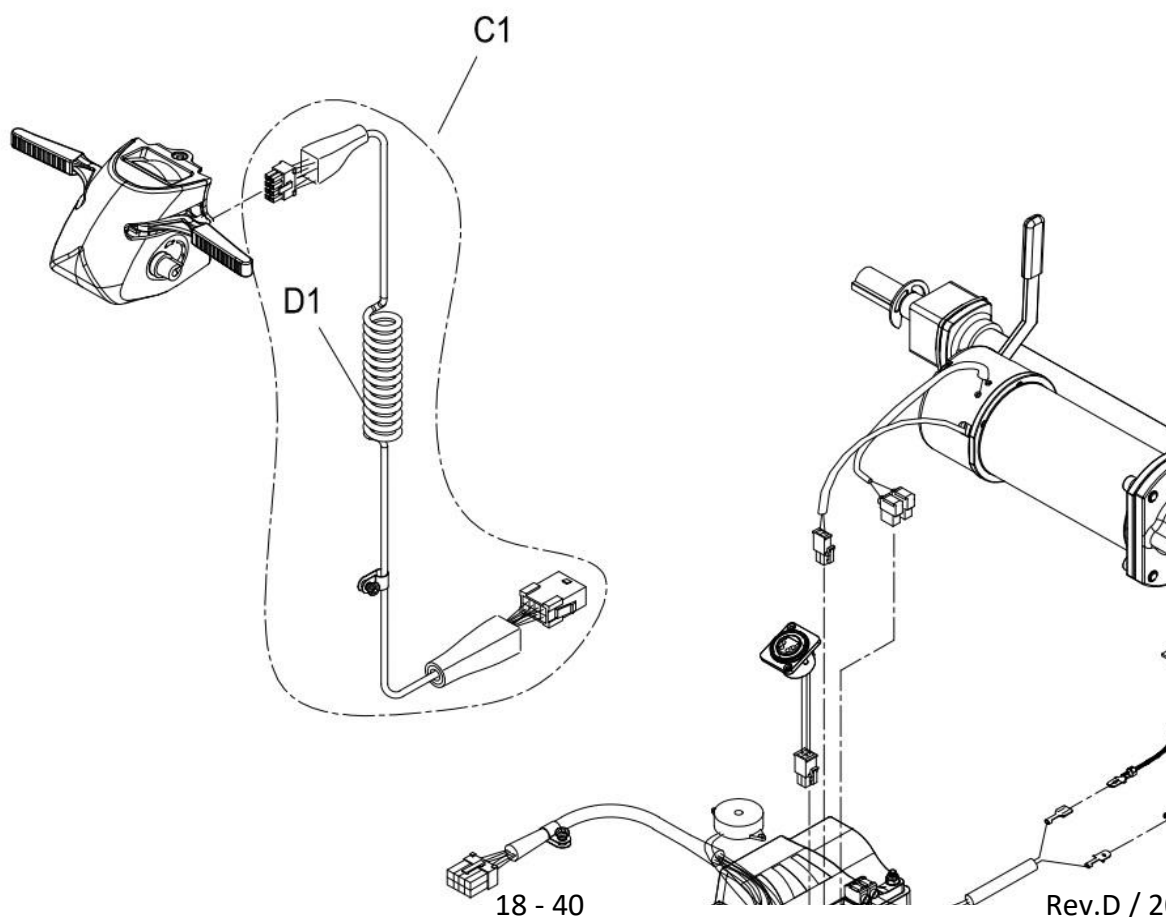


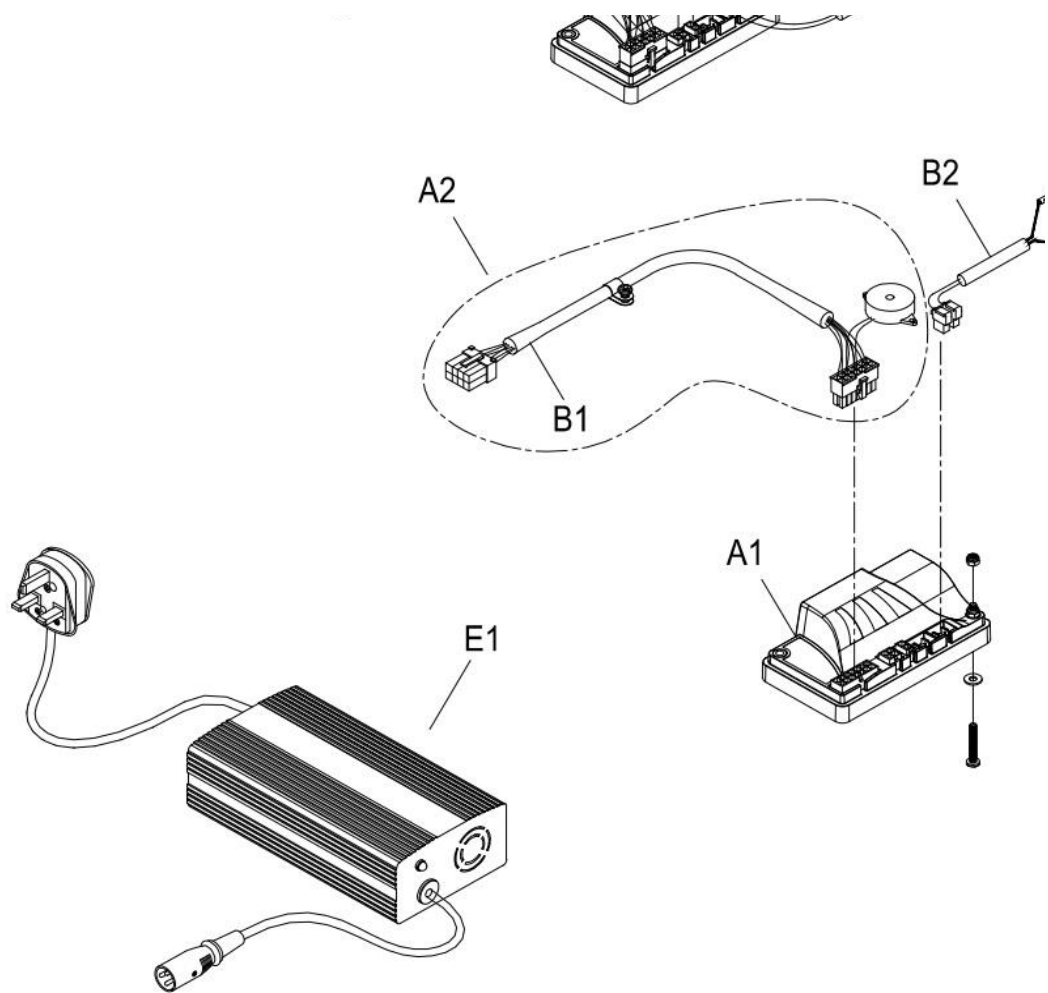
6. SEAT FOLDING ASSEMBLY

販售 Selling	項目 ITEM	品號 Part Number	中文品名 Part Name-CN	英文品名 Part Name-EN	數量 QTY
	A1 – I4				
	A1	PA14-A313-001	座椅總成	Seat assy.	1
	A2	PP90-0513	座椅置物袋	Seat bag	1
	B1	PA13-A111	座椅固定小總成	Seat folding assy.	1
	C1	PM09-0314	座椅連桿	Connecting rod	1
	D1	PA07-A420	塑膠後保桿小總成	Rear bumper assy.	1
	D2	PP07-0501	塑膠後保桿	Rear bumper	1
	E1 – E4	PA15-FA10-R	座椅支撐板小總成-右	Seat support link assy. (Right)	1
	E1	PM06-0322-R	座椅支撐板-右	Seat support link (Right)	1
	E2	PP06-0601	T型襯套	Plastic bushing	2
	E3	PM00-0115	套筒	Tube	2
	E4	PP06-0602	T型襯套	Plastic bushing	2
	E2 – E5	PA15-FA10-L	座椅支撐板小總成-左	Seat support link assy. (Left)	1
	E5	PM06-0322-L	座椅支撐板-左	Seat support link (Left)	1
	F1 – F2	PA15-0400-R	椅座承板小總成-右	Seat bracket assy.(Right)	1
	F1	PM15-0120-R	椅座承板-右	Seat bracket (Right)	1
	F2	PP06-0602	T型襯套	Plastic bushing	1
	F2 – F3	PA15-0400-L	椅座承板小總成-左	Seat bracket assy. (Left)	1

	F3	PM15-0120-L	椅座承板-左	Seat bracket (Left)	1
	G1—G5	PA15-FA00-R-1	座椅連動桿小總成-右	Seat connecting rod assy. (Right)	1
	G1	PM06-0321-R	座椅連動桿-右	Seat connecting rod (Right)	1
	G2	PM00-0119	套筒	Tube	1
	G3	PM00-0118	T套管	Bushing	2
	G4	PM00-0115	套筒	Tube	1
	G5	PP06-0602	T型襯套	Plastic bushing	2
	G2—G6	PA15-FA00-L-1	座椅連動桿小總成-左	Seat connecting rod assy. (Left)	1
	G6	PM06-0321-L	座椅連動桿-左	Seat connecting rod (Left)	1
	H1—H2	PA07-0021-R	座椅托架小總成-右	Support frame bracket assy. (Right)	1
	H1	PM15-0307-R	座椅托架-右	Support frame bracket (Right)	1
	H2	PM07-0302	差速器墊高片	Transaxle plate	1
	H2—H3	PA07-0021-L	座椅托架小總成-左	Support frame bracket assy. (Left)	1
	H3	PM15-0307-L	座椅托架-左	Support frame bracket (Left)	1
	I1	AD01-FB00-L	座椅扶手總成-左	Armrest assy.(Left)	1
	I2	PP14-0104	扶手墊	Armrest pad	2
	I3	PP00-0205	拉銷旋鈕	Tighten knob	2
	I4	AD01-FB00-R	座椅扶手總成-右	Armrest assy.(Right)	1

7.CONSOLE AND WIRING SYSTEM





7.CONSOLE AND WIRING SYSTEM

販售 Selling	項目 ITEM	品號 Part Number	中文品名 Part Name-CN	英文品名 Part Name-EN	數量 QTY
	A1-E1				
	A1	PKE2-0112	下控制器	Controller	1
	A2	PAE7-0100	下控主線小總成	Main cable for controller assy.	1
	B1	PKE2-0325	下控主線-短	Main cable for controller	1
	B2	PK90-0404	電源線	Power cable	1
	C1	PAE6-0501	主線小總成	Main cable assy.	1
	D1	PKE2-0223	主線-長	Main cable	1
	E1	PK90-H504-1	充電機	Charger	1

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3LY

-----**P.6**

-----**P.8**

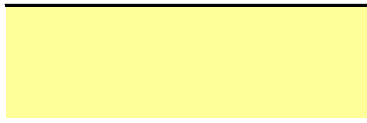
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-----**P.12**

-----**P.14**

-----**P.16**

-----**P.18**



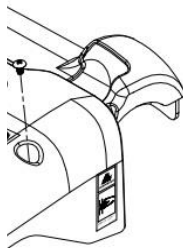
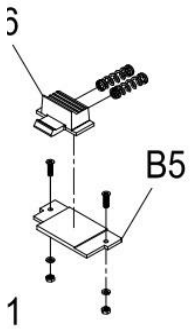
BBER RIM

3



Y

1



Y

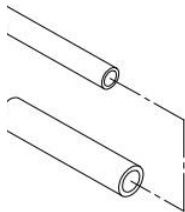
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◎= BS : Ocean Blue、BG : Light Green、GG : Mineral Grey、PS : Tianium Silver、MY : Mustard Olive	
◎= BS : Ocean Blue、BG : Light Green、GG : Mineral Grey、PS : Tianium Silver、MY : Mustard Olive	
◎= BS : Ocean Blue、BG : Light Green、GG : Mineral Grey、PS : Tianium Silver、MY : Mustard Olive	
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05M207N-3N2	
3條圓Pin	
10.5Ah鋰電	

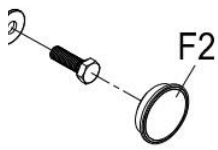


A1

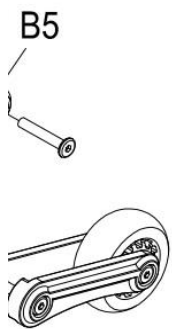


3





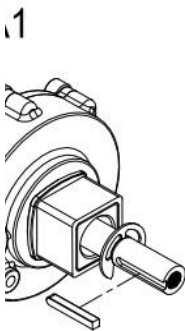
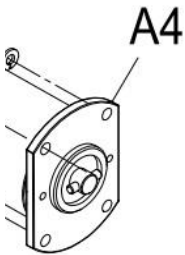
備註 Remark	GBP
ψ14×333	
6"	
LS-W255	

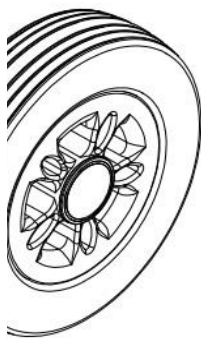




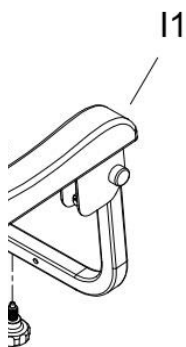
備註 Remark	GBP
加長	
ψ8×ψ6×10L	
加長	
ψ10×ψ12×4L	
ψ80	

$\psi 8 \times \psi 6 \times 10L$	





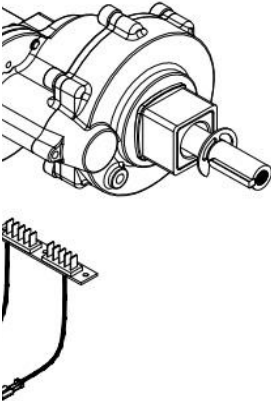
備註 Remark	GBP
21:1	
SY41/150W	
4100RPM/150W	
不含小零件	
D70x45	
8"	
LS-W241	



9

備註 Remark	GBP
M8×P1.25×371L	
加長	
ψ10×ψ12×4L	
ψ10×ψ7.9×21.5L	
ψ10×ψ12×10L	
ψ10×ψ12×10L	

ψ14.5×ψ10.6×5.5L	
ψ10×ψ8×10L	
ψ10×ψ7.9×21.5L	
ψ10×ψ12×10L	
橢圓型	
M10×15L	





備註 Remark	GBP
DR-90	
