

GMP
ISO9001
ISO14001
ISO13485
CERTIFIED

PIHSIANG®

SHOPRIDER®

MODEL: **TE-779XLS**

(PATENTED)



PIHSIANG MACHINERY MFG. CO., LTD.

NO.108, HSIN-HE ROAD, HSIN-FENG HSIANG 304
HSINCHU COUNTY, TAIWAN

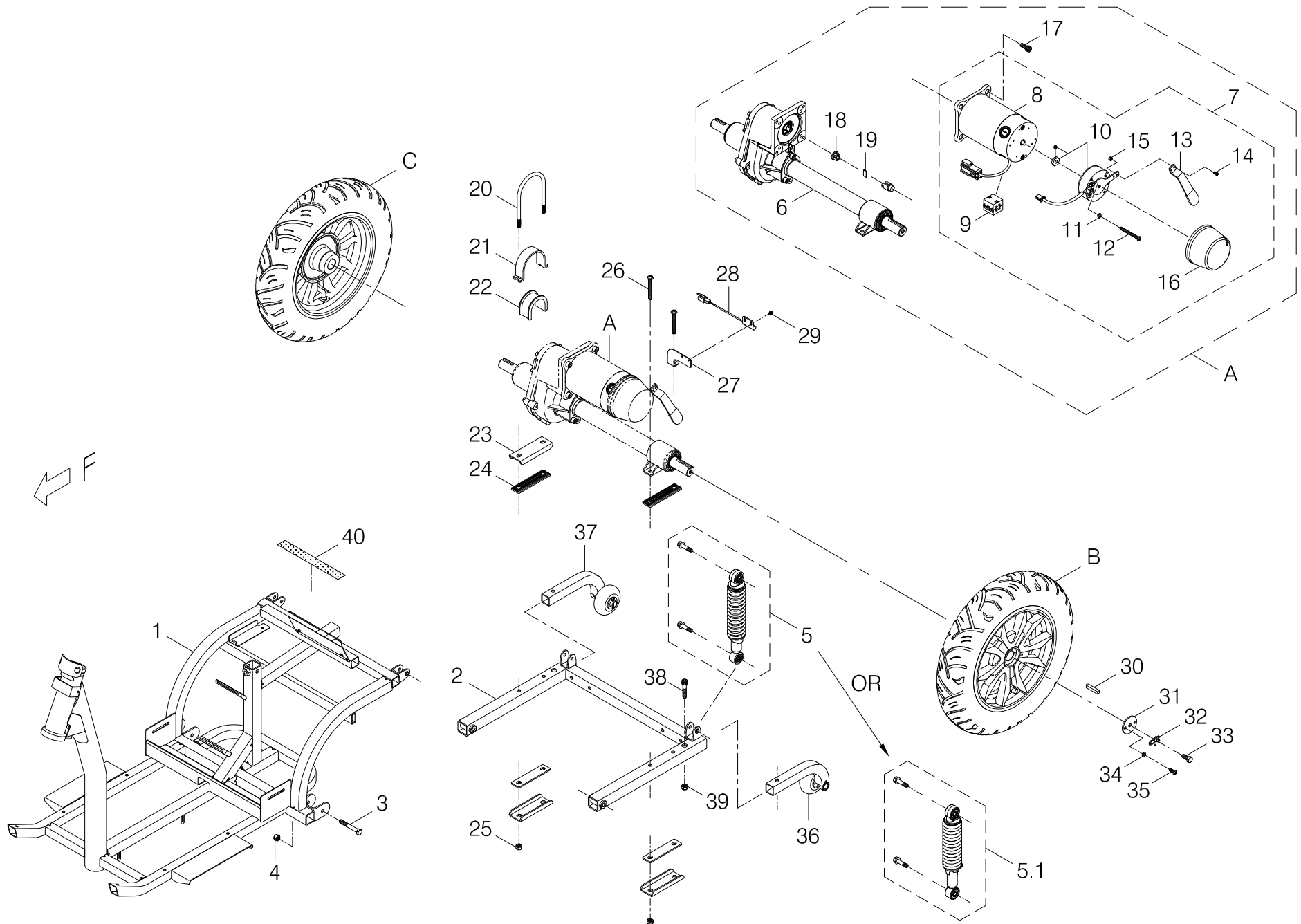
MODEL :

[illegible]

TABLE OF CONTENTS

ILLUSTRATION

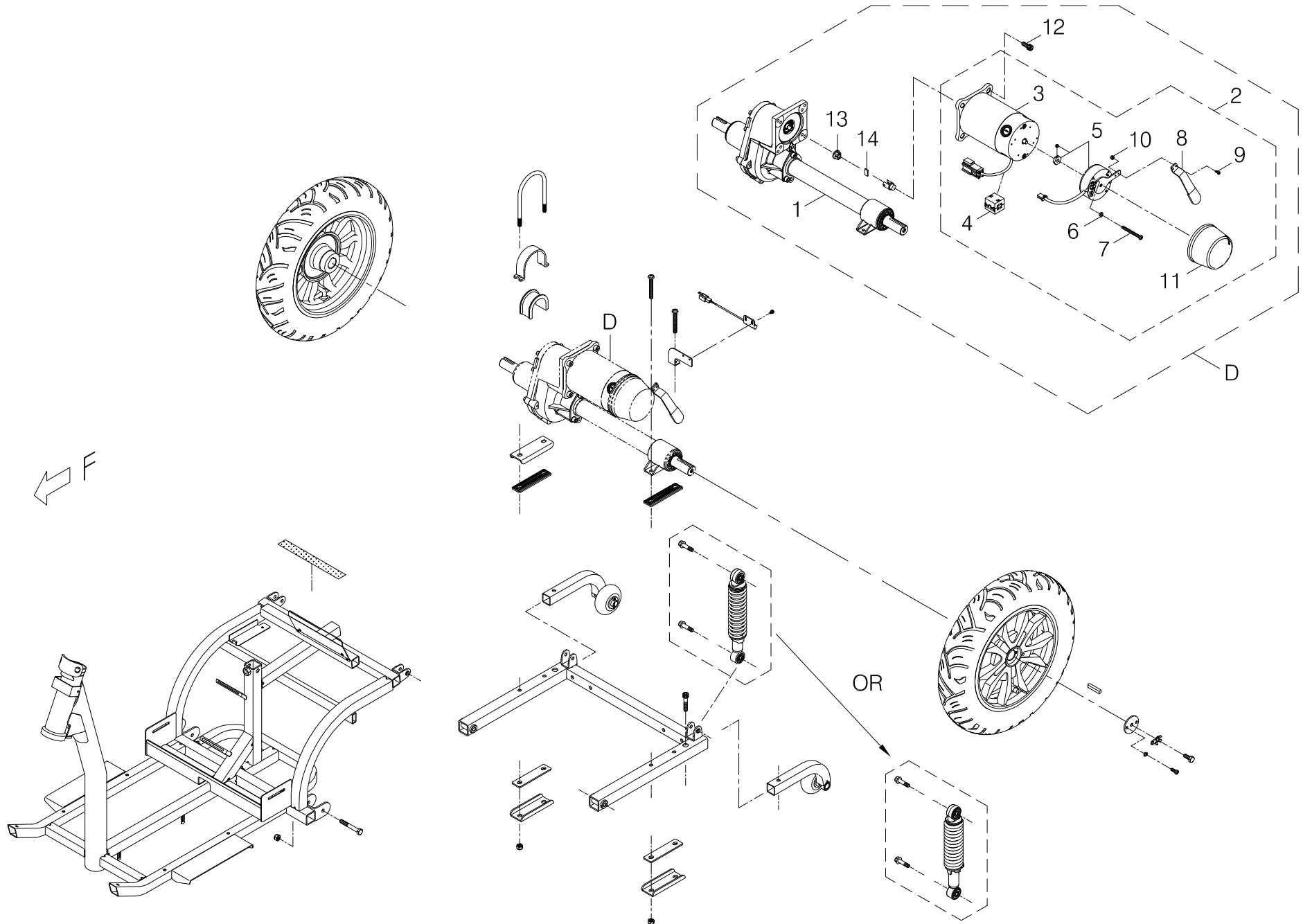
INDEX.1	CHASSIS ASSEMBLY -----	1-1~3
INDEX.1-1	CHASSIS ASSEMBLY -----	1-1-1
INDEX.2	FRONT AXLE ASSEMBLY -----	2-1~2
INDEX.3	DELUXE SEAT ASSEMBLY -----	3-1
INDEX.4	FRONT CHASSIS COVER ASSEMBLY -----	4-1
INDEX.4-1	FRONT CHASSIS COVER ASSEMBLY -----	4-1-1
INDEX.5	REAR CHASSIS COVER ASSEMBLY -----	5-1~2
INDEX.6	HEAD LIGHT ASSEMBLY -----	6-1
INDEX.7	CONTROL AND BATTERY WIRING ILLUSTRATION -----	7-1
	APPENDIX (1) - WIRING DIAGRAM -----	
	APPENDIX (2) - STICKER AND DECAL -----	



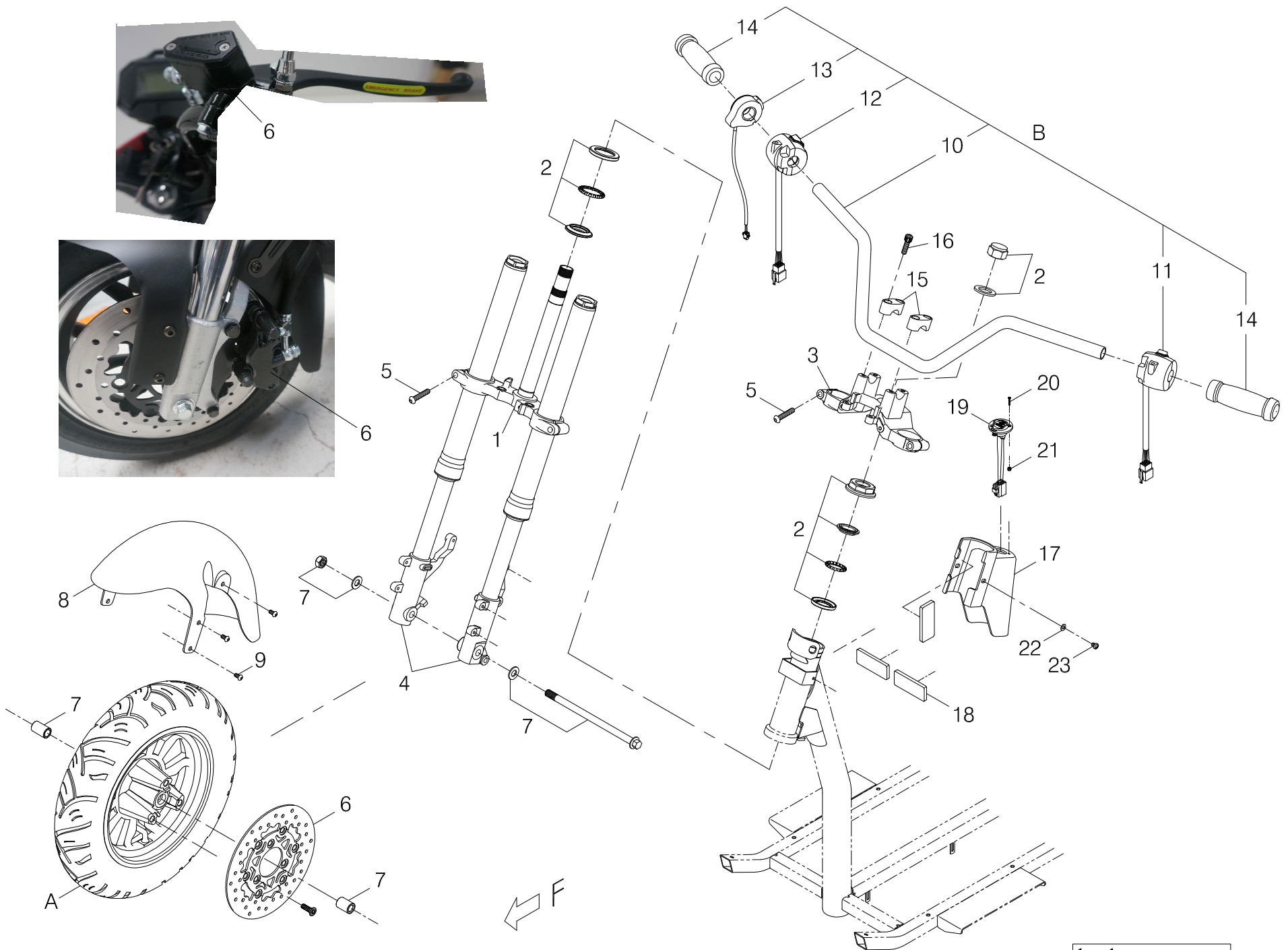
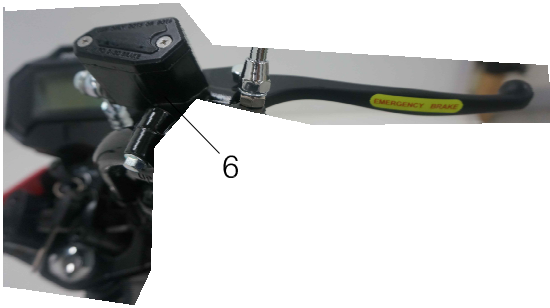
Index NO.	Part NO.	Qty.	Description	Specification	Remark
1	-----		Chassis assembly		
1-1	102101-72500-A2	1	Front Chassis	779XLS, A2	
1-2	102203-72500	1	Rear Chassis Assembly	Lower, 779XLS	
1-3	5001-08060-220	2	Hex Head Bolt	M8*P1.25*60L,Multicolored Galvanized	
1-4	5012-08013-200	2	Nyloc Nut	M8*P1.25*13 7.8t,Multicolored Galvanized	
1-5	202931-89100	2	Adjustable Shock Absorber	w/ Screws, 5-Stage	
			-----*-----		
1-A	100008-72500	1	Drive-train Assembly	9XL-4G+#8C+#6A(A380-28)	
1-6	100406-68201-A4	1	Transaxle Assembly	#6A(C), 889X(624TL), A4	
1-7	100107-72500	1	Motor and Brake Assembly	9XL-4G+#8C(A380-28)	
1-8	100204-03011-A3	1	Motor	PH-9XL-4G, 5450rpm, A3	
-----	200203-89102-A3	REF(4)	Carbon Brush	9XL, 7*17*17, A3	
-----	200203-66907	REF(4)	Carbon Brush Cap	9XL,M20	
1-9	206216-88100	1	Magnetic core	LF-130(B)	
1-10	100311-68203	1	Electromagnetic Brake	WR218A34P1, #8C	
1-11	5022-04007-210	4	Spring Washer	\$ 4*7*1.25t, Multicolored Galvanized	
1-12	5005-04035-210	4	Philip Screw	M4*P0.7*35L,Multicolored Galvanized	
1-13	4001380-28	1	Extension Lever for Free-wheel	A380-28	
1-14	5005-04012-210	2	Philip Screw	M4*P0.7*12L, Multicolored Galvanized	
1-15	5012-04007-200	2	Nyloc Nut	M4*P0.7*7, Multicolored Galvanized	
1-16	209929-67205	1	Rubber Cap	Black, for #8 Brake-DN001	
-----	505201-00940-50	2	Cable Tie	CV-094B	
-----	505201-02500-50	2	Cable Tie	CV-250B	
1-17	5002-08025-220	4	Cap Head Allen Bolt	M8*P1.25*25L,Multicolored Galvanized	

Index NO.	Part NO.	Qty.	Description	Specification	Remark
1-18	200904-88100	1	Joint Adapter	for Transaxle	
1-19	200905-88100	1	Plate for Joint Adapter		
-----	301174-74	1	Warning Sticker	N74-74, for Caution of Hot	
-----	301179-04	1	Trademark Sticker	N79-4	
			-----*-----		
1-20	4003210-07	1	U-type Screw	C210-7	
1-21	4001530-00	1	Bracket	A530	
1-22	200912-00400	1	rubber collar	889DXN	
1-23	4001168-02	3	Bracket	A168-2	
1-24	209909-68201	4	Rubber Gasket w/ 2 Holes	106*26*4.75t	
1-25	5012-08013-200	4	Nyloc Nut	M8*P1.25*13 7.8t,Multicolored Galvanized	
1-26	5005-08060-210	2	Philip Screw	M8*P1.25*60L, Multicolored Galvanized	
1-27	4001236-27	1	Speed Sensor Bracket	A236-27	
1-28	206802-71501	1	Speed Sensor	S Type Sensor 100cm	
1-29	5005-04008-210	2	Philip Screw	M4*P0.7*8L,Multicolor Galvanized,w/WS*SW	
			-----*-----		
1-B	105201-72500	1	Rear Wheel Assembly	779XLS	
1-C	105201-72501	1	Rear Wheel Assembly	Right, 779XLS	
1-30	505301-00707-00	2	Drive Key	7*7*30L	
1-31	4001364-00	2	Flat Washer	A364, § 8*45*3t	
1-32	4001481-00	2	Locking tab washer	A481	
1-33	5001-08020-440	2	Hex Head Bolt	M8*P1.25*20L,SUS304	
1-34	5022-06010-210	4	Spring Washer	§ 6*10, Multicolored Galvanized	
1-35	5005-06016-443	4	Philip Screw,Nyloc	M6*P1.0*16L,SUS	

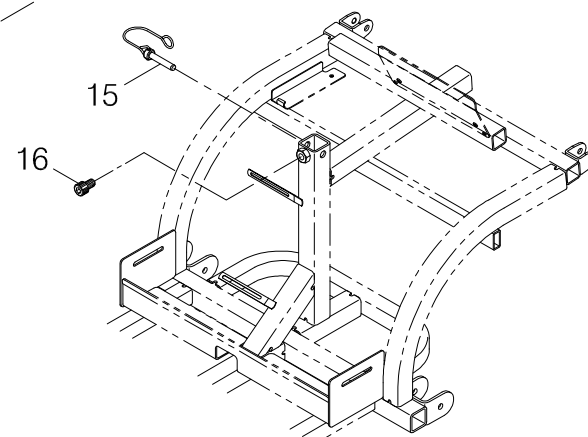
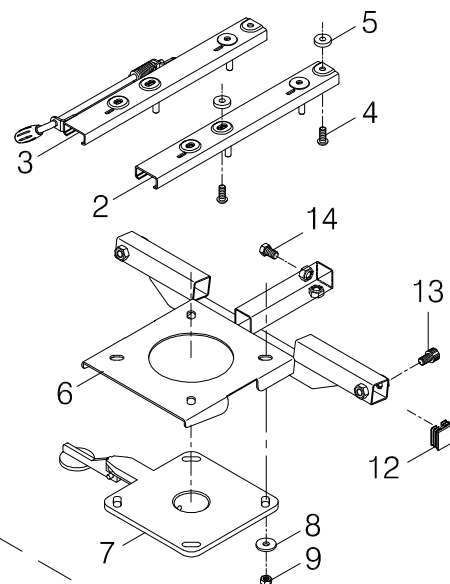
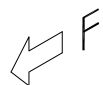
Index NO.	Part NO.	Qty.	Description	Specification	Remark
			-----*-----		
1-36	800405-725-00	1	Anti-tip wheel Frame	Left, 779XLS	
1-37	800405-725-01	1	Anti-tip Wheel Frame	Right, 779XLS	
1-38	5002-08040-720	2	Cap Head Allen Bolt	M8*P1.25*40L, Black Galvanized	
1-39	5012-08013-700	2	Nyloc Nut	M8*P1.25*13,7.8t,Black Galvanized	
1-40	203103-66500-1	REF	Velcro	25W*25M, Hook	
			-----*-----		
1-5-1	202931-72500	REF(2)	Adjustable Shock Absorber	w/ Screws, 5-Stage	



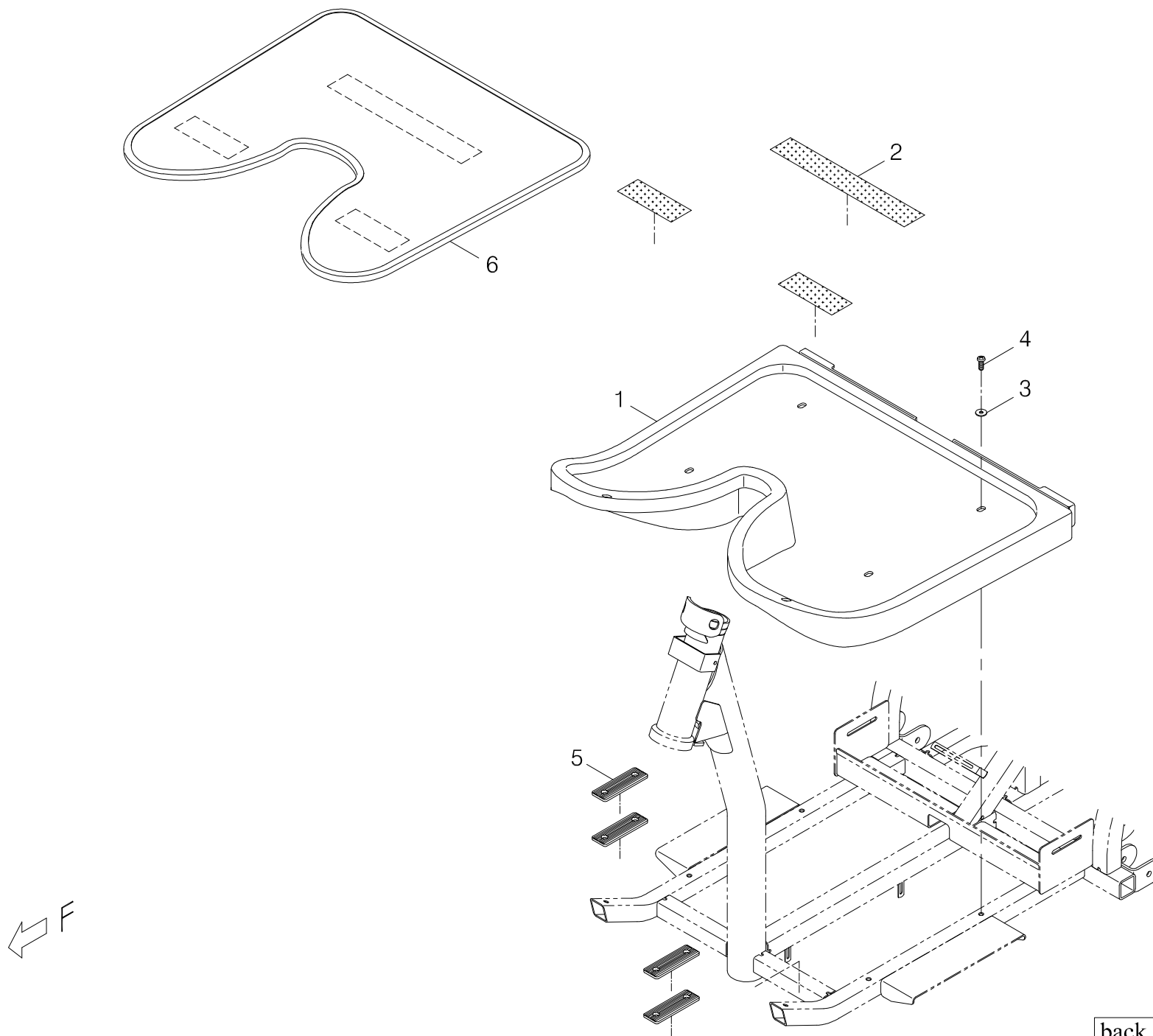
Index NO.	Part NO.	Qty.	Description	Specification	Remark
1-1	-----		Chassis assembly		
1-1-D	100008-67220-A2	REF(1)	Drive-train Assembly	9XL-4F+#8C+#6A	
1-1-1	100406-68201-A4	1	Transaxle Assembly	#6A(C), 889X(624TL), A4	
1-1-2	100107-67210-A2	1	Motor and Brake Assembly	9XL-4F+#8C+A380-28	
1-1-3	100204-05011-A2	1	Motor	PH-9XL-4F, 7150rpm, A2	
-----	200203-89102-A2	REF(4)	Carbon Brush	9XL,7*17*17,A2	
-----	200203-66907	REF(4)	Carbon Brush Cap	9XL,M20	
1-1-4	206216-88100	1	Magnetic core	LF-130(B)	
1-1-5	100311-68203	1	Electromagnetic Brake	WR218A34P1, #8C	
1-1-6	5022-04007-210	4	Spring Washer	§ 4*7*1.25t, Multicolored Galvanized	
1-1-7	5005-04035-210	4	Philip Screw	M4*P0.7*35L,Multicolored Galvanized	
1-1-8	4001380-28	1	Extension Lever for Free-wheel	A380-28	
1-1-9	5005-04012-210	2	Philip Screw	M4*P0.7*12L, Multicolored Galvanized	
1-1-10	5012-04007-200	2	Nyloc Nut	M4*P0.7*7, Multicolored Galvanized	
1-1-11	209929-67205	1	Rubber Cap	Black, for #8 Brake-DN001	
-----	505201-00940-50	2	Cable Tie	CV-094B	
-----	505201-02000-50	1	Cable Tie	CV-200B	
1-1-12	5002-08025-220	4	Cap Head Allen Bolt	M8*P1.25*25L,Multicolored Galvanized	
1-1-13	200904-88100	1	Joint Adapter	for Transaxle	
1-1-14	200905-88100	1	Plate for Joint Adapter		
-----	301174-74	1	Warning Sticker	N74-74, for Caution of Hot	
-----	301179-04	1	Trademark Sticker	N79-4	

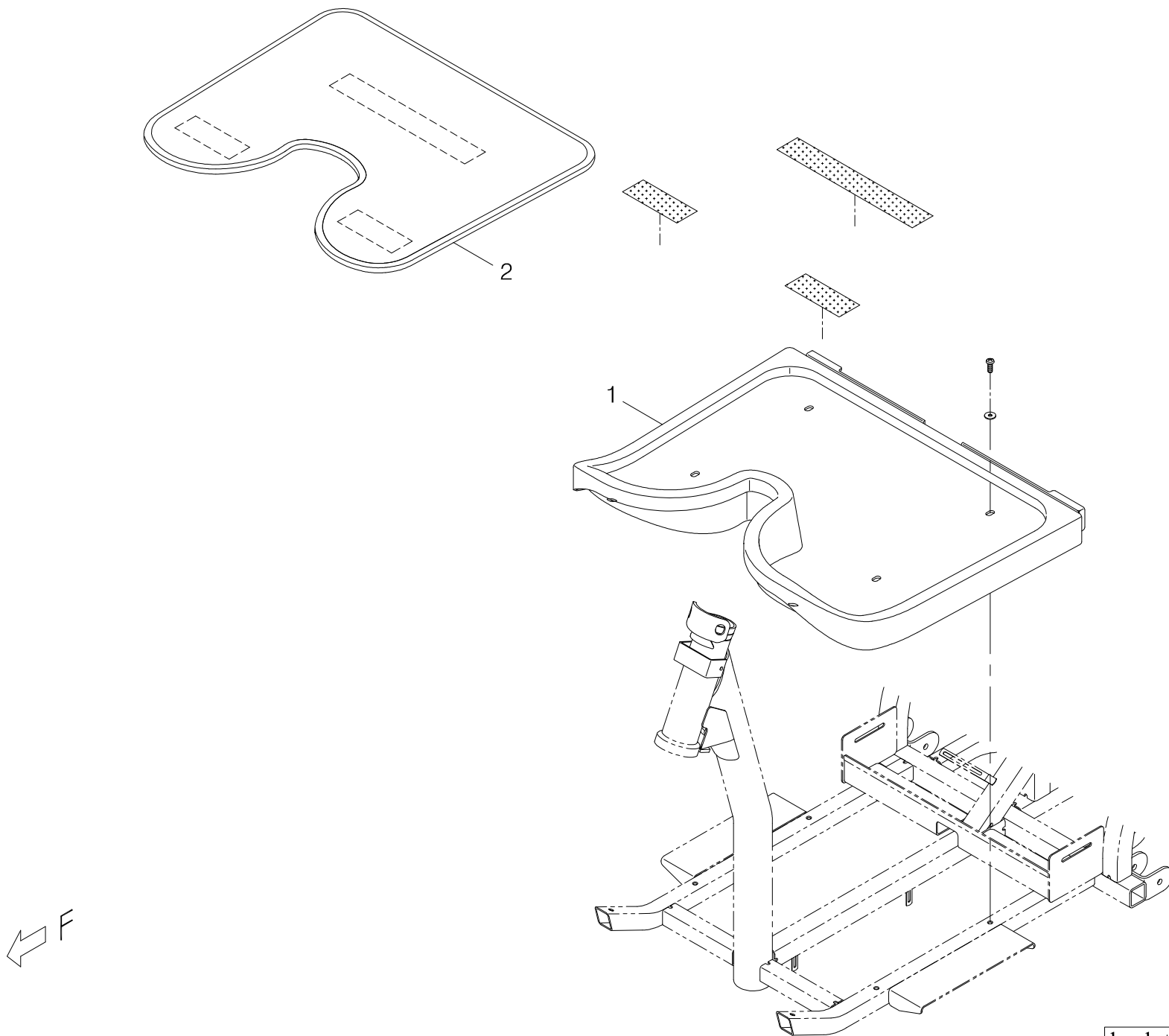


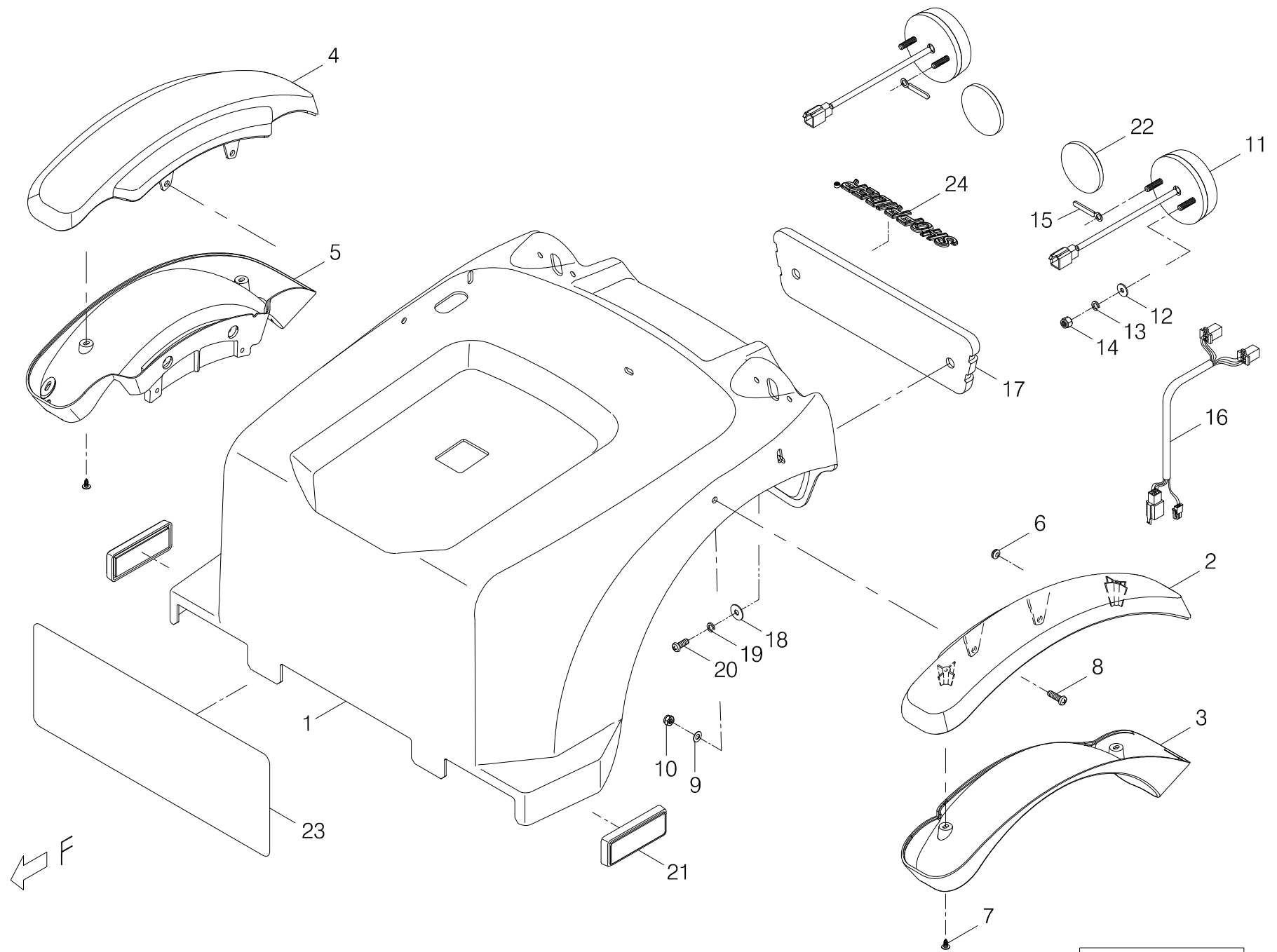
Index NO.	Part NO.	Qty.	Description	Specification	Remark
2	-----		Front axle assembly		
2-1	202934-72502	1	Bottom Steering Stem	779XLS	
2-2	201401-72500	1	Bearing	779XLS	
2-3	202934-72501	1	Upper Steering platform	779XLS	
2-4	101501-72500	1	Front Fork	779XLS	
2-5	5003-08040-720	4	Button Head Allen Bolt	M8*P1.25*40L,Black Galvanized	
2-6	102404-72500	1	Brake	779XLS	
2-A	105101-72500	1	Front Wheel Assembly	779XLS	
2-7	202934-72504	1	Front Fork Axle	779XLS	
2-8	103514-72500-50	1	Front Fender	779XLS, Black	
2-9	5003-06012-720	6	Button Head Allen Bolt	M6*P1.0*12L,Black Galvanized	
			-----*		
2-B	101102-72500	1	Tiller w/ Revo-shift Lever	779XLS	
2-10	101101-72500	1	Tiller Frame	779XLS	
2-11	208203-72500	1	Button Switch	Left	
2-12	208203-72501	1	Button Switch	Right	
2-13	201102-72500	1	Throttle Handle	H-378-24V-SC	
2-14	201103-88100	2	Hand Grip	Black	
			-----*		
2-15	202934-72503	1	Block	779XLS	
2-16	5002-08030-720	4	Cap Head Allen Bolt	M8*P1.25*30L, Black Galvanized	
			-----*		
2-17	203504-72500	1	Charger inlet cover	779XLS	
2-18	301307-00	3	Sponge Sticker	75*30*6t	



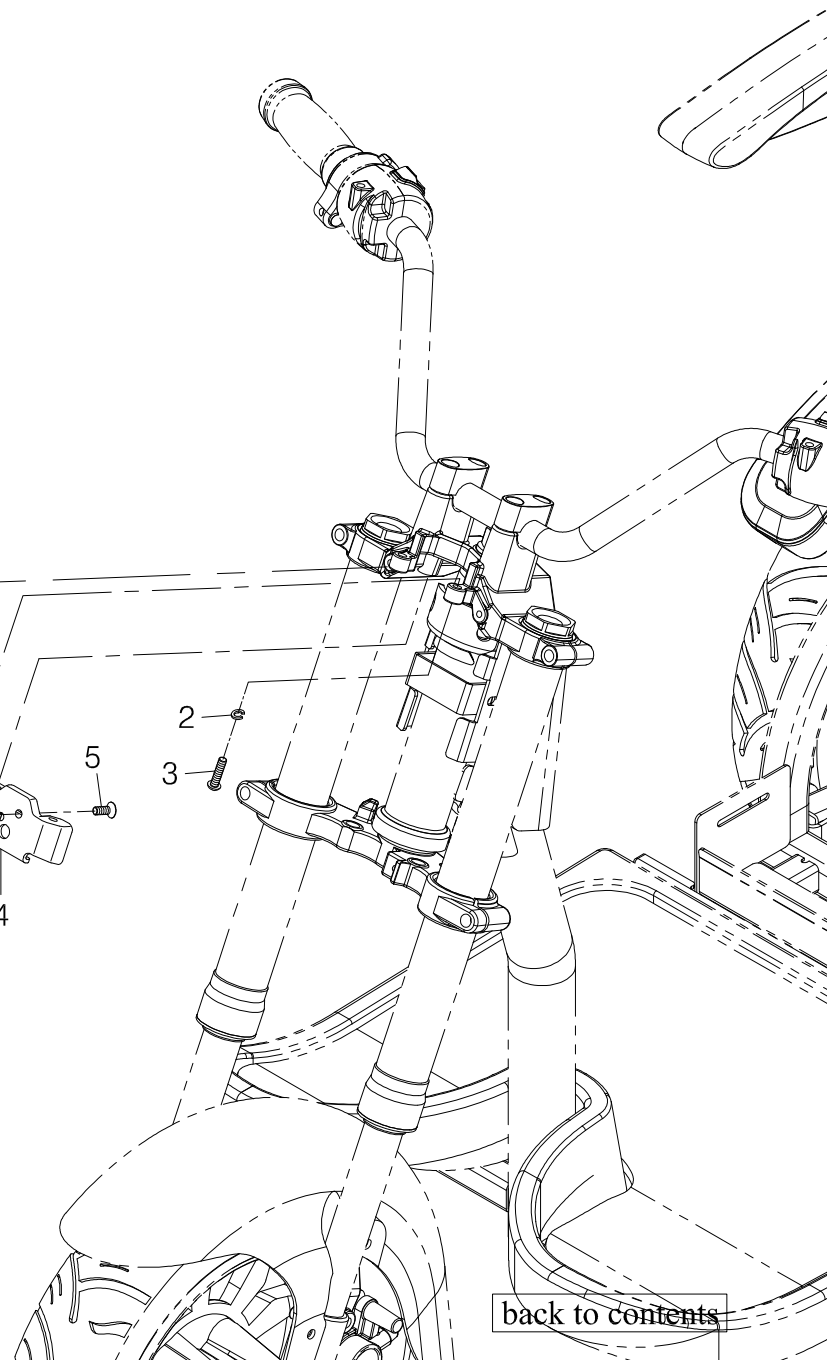
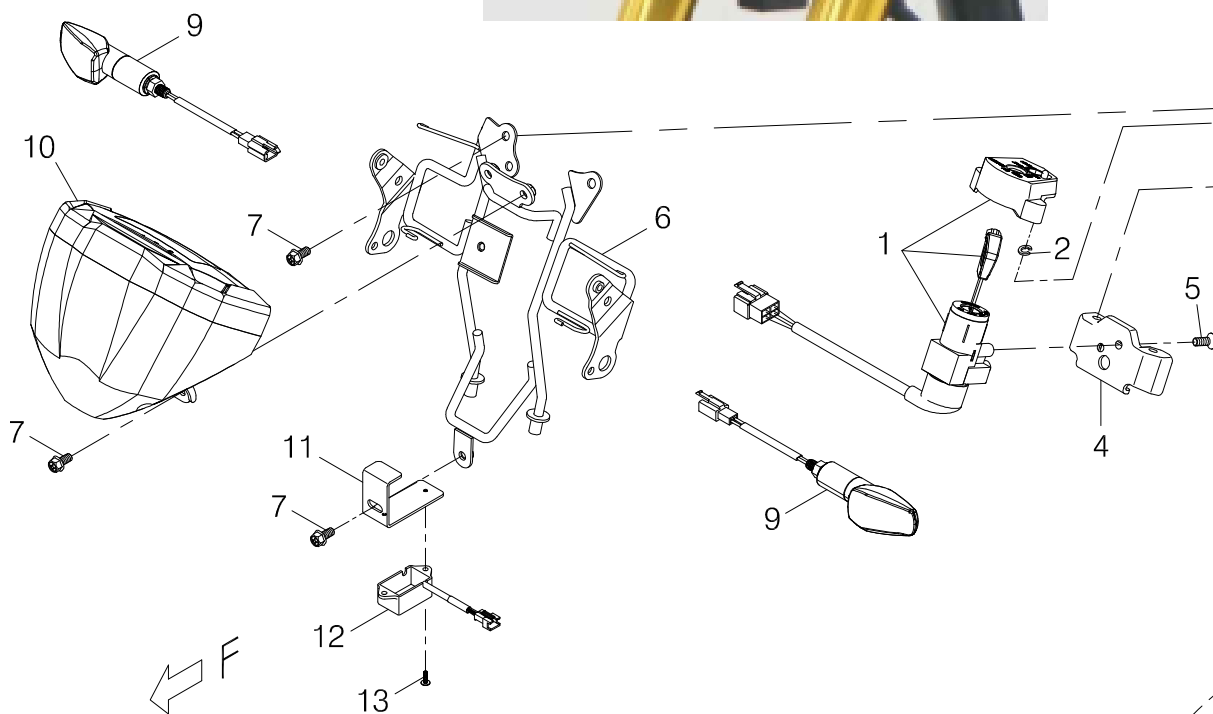
Index NO.	Part NO.	Qty.	Description	Specification	Remark
3-A	800317-725-00	1	Deluxe Seat Assembly	Black Vinyl, w/ Slider & Reclining	
3-1	104017-00328	1	Captain Seat	Black, Vinyl, Reclining	
3-2	204901-88803-A3	1	Sliding Rail	Left, #5	
3-3	204902-88803-A3	1	Sliding Rail	Right, #5	
3-4	5003-08020-221	4	Button Head Allen Bolt	M8*P1.25*20L,Multicolored Galvanized	
3-5	5021-08022-211	4	Flat Washer	Dia 8*22*5t,Multicolored Galvanized	
3-6	204506-67200-A2	1	Seat Adapter	889XL SM, A2	
3-7	204507-66103	1	Swivel Seat Stand	#4	
3-8	4001428-00	4	Flat Washer	A428, § 8.4*26*3t	
3-9	5012-08013-200	4	Nyloc Nut	M8*P1.25*13 7.8t,Multicolored Galvanized	
3-10	204508-88811	1	Seat Post Adaptor	#2, 165L	
3-11	5008-10020-212-A2	2	Tighten Knob	M10*17L,Multicolored Galvanized,A2	
3-12	209931-00105	2	End Cap	30MM*30MM,2T	
3-13	5002-10016-720	2	Cap Head Allen Bolt, 12.9 Grade	M10*P1.25*16L,Black Galvanized	
3-14	5001-10016-710	1	Hex Head Screw, Nyloc	M10*P1.25*16L, Black Galvanized	
-----	301174-07-A2	1	Warning Sticker	N74-7-A2	
-----	301174-31	1	Caution Sticker	N74-31	
			-----*-----		
3-15	202922-88205	1	Connecting pin	787N	
3-16	5002-10016-720	1	Cap Head Allen Bolt, 12.9 Grade	M10*P1.25*16L,Black Galvanized	



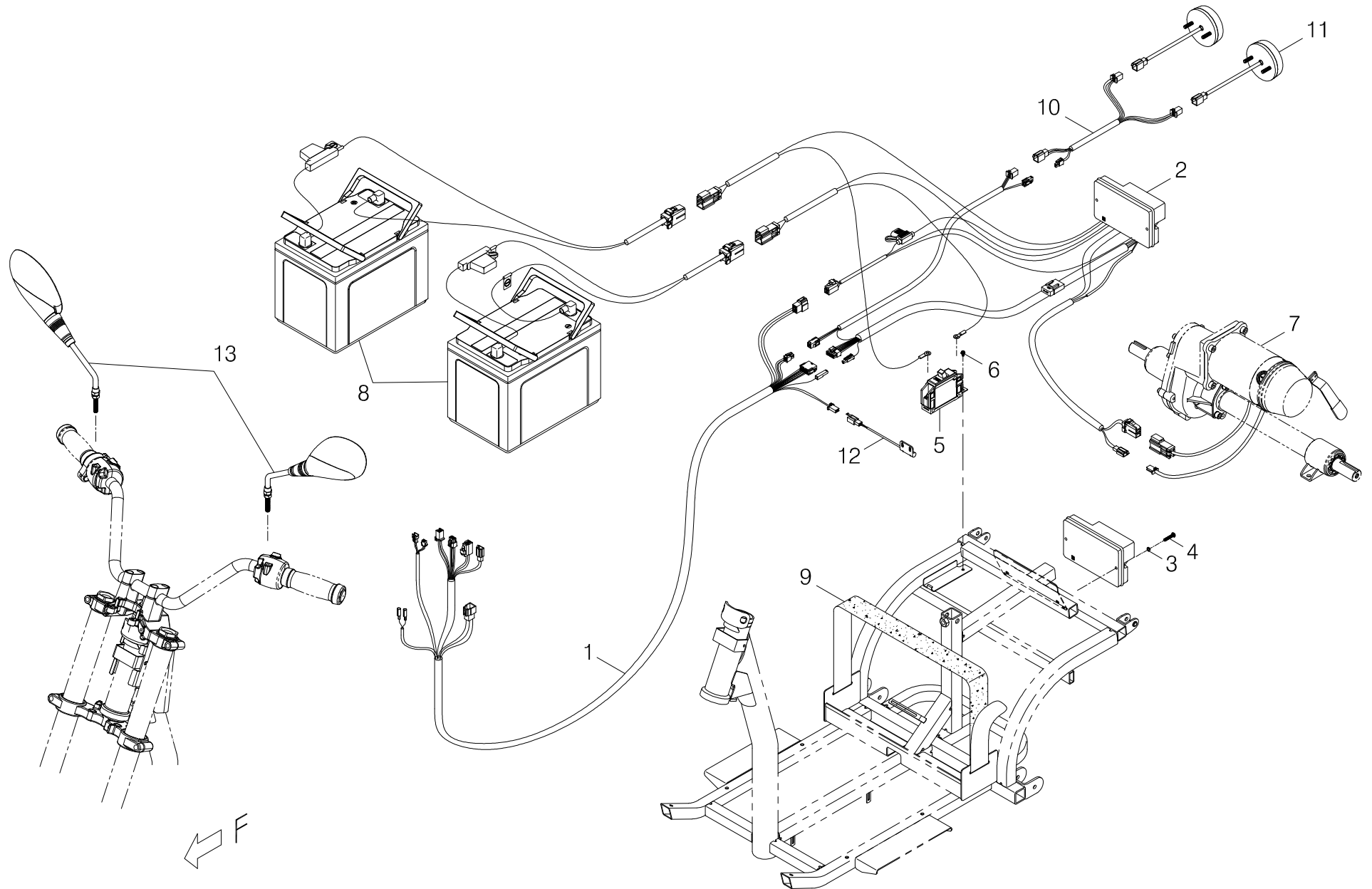




Index NO.	Part NO.	Qty.	Description	Specification	Remark
5	103202-725**-21	1	Rear Chassis Cover Assembly	w/ Decal, 779XLS, Red	
5-1	103201-72500-50	1	Rear Chassis Cover	779XLS, Black	
5-2	1335-00800-21	1	Fender Top Cover, Left	888WNLE, Red	
5-3	2335-00802-50	1	Fender Lower Cover, Left	888WNLE, BLACK Texture	
5-4	1335-00801-21	1	Fender Top Cover, Right	888WNLE, Red	
5-5	2335-00803-50	1	Fender Lower Cover, Right	888WNLE, BLACK Texture	
5-6	209931-00112	2	Rubber End Cap	GMCQR-0705, 888WNLE	
5-7	5006-04010-710	4	Self tapping screw	M4*10L,Black Galvanized	
5-8	5005-06020-440	4	Screw	M6*P1.0*20L,SUS	
5-9	5021-06012-440	4	Flat Washer	§ 6*12*0.6t,SUS	
5-10	5012-06010-440	4	Nylon lock nut	M6*P1.0*10*6t	
5-11	108102-72500	2	Taillight	JS-161703-1-RRY9, 24V, Red	
5-12	5021-06018-710	4	Flat Washer	§ 6*19*1.5t, Black Galvanized	
5-13	5022-06010-710	4	Spring washer	§ 6*10,Black Galvanized	
5-14	5012-06010-702	4	Nylon lock nut	M6*P1.0*10*8t,Black Galvanized	
5-15	4001393-01	2	Hook Plate	A393-1, § 6.4,35L	
5-16	207018-89118	1	Taillight Cable	KA-889-N22	
5-17	209905-89100	1	Rear bumper		
5-18	5021-06018-210	2	Flat Washer	§ 6*19*1t,Multicolored Galvanized	
5-19	5022-06010-210	2	Spring Washer	§ 6*10, Multicolored Galvanized	
5-20	5005-06016-210	2	Screw	M6*P1.0*15~16L,Multicolored Galvanize	
5-21	203205-88101-1	2	Reflector	E1 TF-509-Y, Amber, Rectangle	
5-22	203204-88100-A2	2	Reflector	TF-301R,Red(E1)	
5-23	203203-67201	1	Emblem	Rear,889XLS,360*135mm	



Index NO.	Part NO.	Qty.	Description	Specification	Remark
6	-----		Head light assembly		
6-1	106106-72500	1	Key Switch	779XLS	
6-2	5022-06010-710	4	Spring washer	\$ 6*10,Black Galvanized	
6-3	5003-06025-720	2	Button Head Allen Bolt	M6*P1.0*25L,Black Galvanized	
6-4	203511-72500	1	Side Cover	779XLS	
6-5	5009-06012-710	2	Countersunk Screw	M6*P1.0*12L,Black Galvanized	
6-6	202934-72500	1	Headlight Bracket	779XLS	
6-7	5007-06012-710	5	Hex head Philips Screw w/ Washer	M6*P1.0*12L,Black Galvanized	
6-8	108101-72501	1	Headlight Assembly	779XLS	
6-9	108103-88106	2	Winker/Indicator Light	BW06 LED, Amber	
6-10	106129-72500	1	Dashboard Assembly	w/ LCD Display	
6-11	4001466-28	1	Bracket for Sensor	A466-28	
6-12	206802-71502	1	Sensor Kit	24V, SD	
6-13	5005-03010-710	2	Flange Flat Head Flange Screw	M3*P0.5*10L, Black Galvanized	

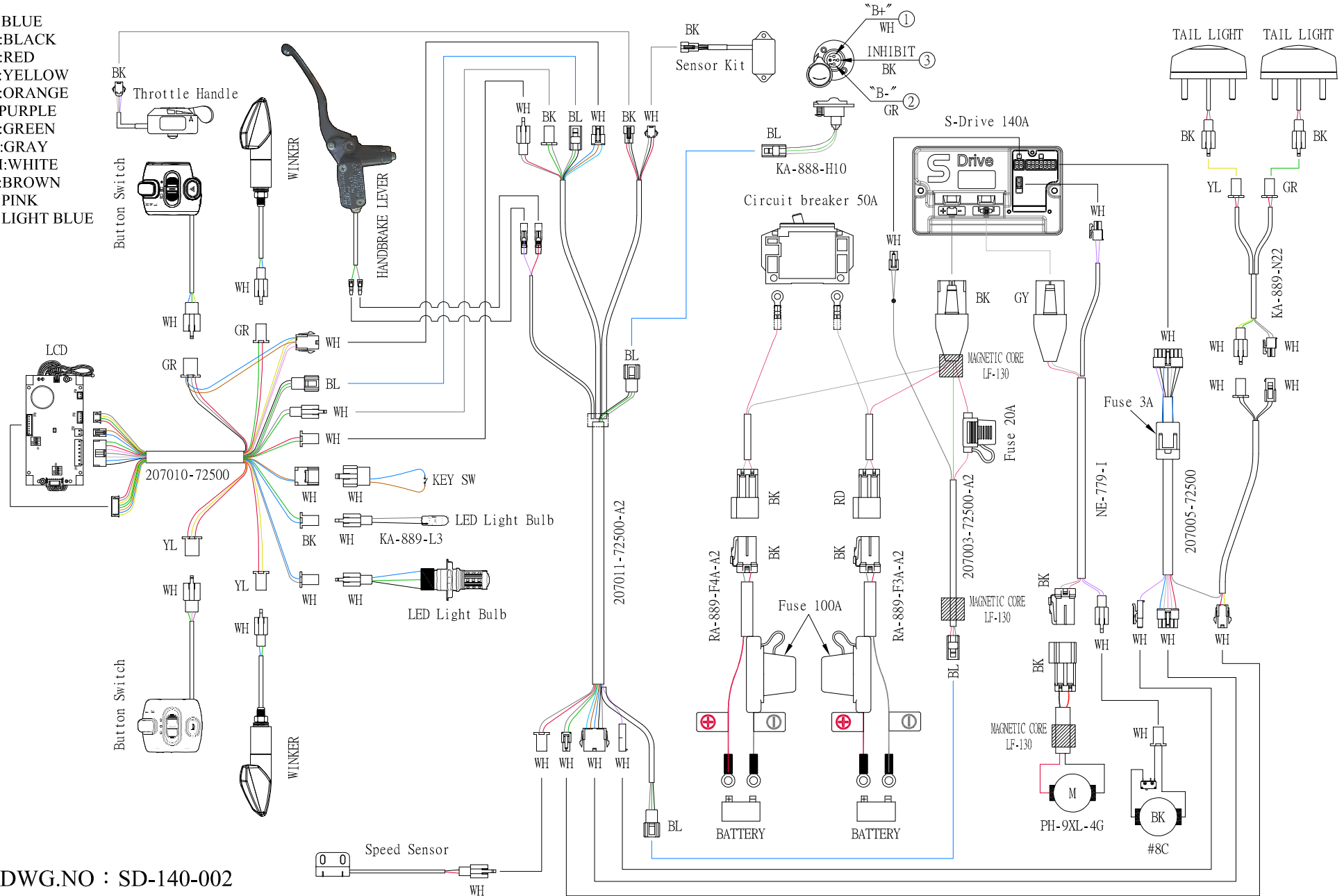


Index NO.	Part NO.	Qty.	Description	Specification	Remark
7	-----		Control and battery wiring illustration		控制及電瓶導線總成
7-1	207011-72500-A2	1	Control Connection Cable	779XLS, A2	控制連接線/779XLS,A2
7-2	106202-72500-A2	1	Main Control Box Ass'y (w/ Bracket etc.)	779XLS, PG S-Drive 140, A2	下控制總成/779XLS, PG S-Drive 140, A2
7-3	5022-05008-710	2	Spring washer	§ 5*8,Black Galvanized	彈簧墊圈/§ 5*8 (鍍黑鋅)
7-4	5003-05025-720	2	Button Head Allen Bolt	M5*P0.8*25L,Black Galvanized	半圓頭內六角鋼栓/M5*P0.8*25L(鍍黑鋅)10.9級
7-5	206207-67200	1	Circuit breaker	50A	無熔絲開關/50A
7-6	5005-04008-210	1	Philip Screw	M4*P0.7*8L,Multicolor Galvanized,w/WS*SW	十字圓頭螺栓/M4*P0.7*8L (五彩)(附WS/SW)
7-7	-----	REF(1)	Drive-train Assembly		馬達剎車變速箱總成
7-8	800501-889-17	1	Battery Cables [w/ Battery kit]	75Ah	加電瓶模組/車罩 (75Ah) PIHSIANG(前置)
7-9	209920-88101	1	Fastening strap	50mmW*24A+130Bcm	電瓶固定帶(長)/50mmW*24A+130Bcm
7-10	-----	REF(1)	Taillight Cable	KA-889-N22	尾燈線/KA-889-N22
7-11	-----	REF(2)	Taillight	JS-161703-1-RRY9, 24V, Red	尾燈(紅色)/JS-161703-1-RRY9,24V
7-12	-----	REF(1)	Speed Sensor	S Type Sensor 100cm	速度感應器/S Type Sensor 100cm
7-13	202908-88120	1	Rear Mirror	Left & Right,YS-20138F	照後鏡/YS-20138F (左右)
7-13	202908-88123	REF(1)	Rear Mirror	Left & Right, YS-20138F	照後鏡/YS-20138F (左右)電鍍
-----	109201-88513	1	Off-board Charger w/ Manual	PF 2408LP 24V/8A	充電機(附說明書)(有風扇)/PF 2408LP 24V/8A
-----	209201-88106	REF(1)	Power cord	Australia	充電機電源線/澳洲
-----	209201-88108	REF(1)	Power cord	Europe	充電機電源線/歐洲

Wiring Diagram for TE-779XLS

Color Synopsis

BL:BLUE
BK:BLACK
RD:RED
YL:YELLOW
OR:ORANGE
VI:PURPLE
GR:GREEN
GY:GRAY
WH:WHITE
BR:BROWN
PK:PINK
LB:LIGHT BLUE



DWG.NO : SD-140-002
EDITION : A1

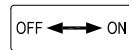
APPENDIX(1)

[back to contents](#)

All Stickers and Decals shown as below and used on TE-779XLS

SHOPRIDER®

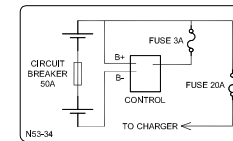
209939-68500



301111-08



301116-01



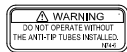
301153-34

EMERGENCY BRAKE

301165-00



301166-02



301174-06



301174-07-A2



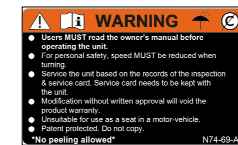
301174-16



301174-31



301174-65



301174-69-A2



301174-74



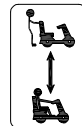
301179-04

SHOPRIDER® Is a Trade Name registered worldwide
owned by Pihsiang Machinery MFG. Co., Ltd.

301180-96



301180-103



301187-13