

Spare Parts List for **Bishamon** Hydraulic Stackers

Battery Powered Lifting Model (380kg~650kg)
Vertical Travel - 2,420mm (Fork Height 90mm - 2510mm)

Model STW38E

Model STW50E

Model STW65E

Note : For the units produced after July 2000

(No Pricing Shown)



STW50E

Note :

Ask Bishamon for Export Model Info. of Hyd. Unit and Electric Components. Serial No. Info. would be Required. Some parts Info. shown in this Parts List could be only for Japanese market.

Contents

Hydraulic Stackcr

Model STW38E

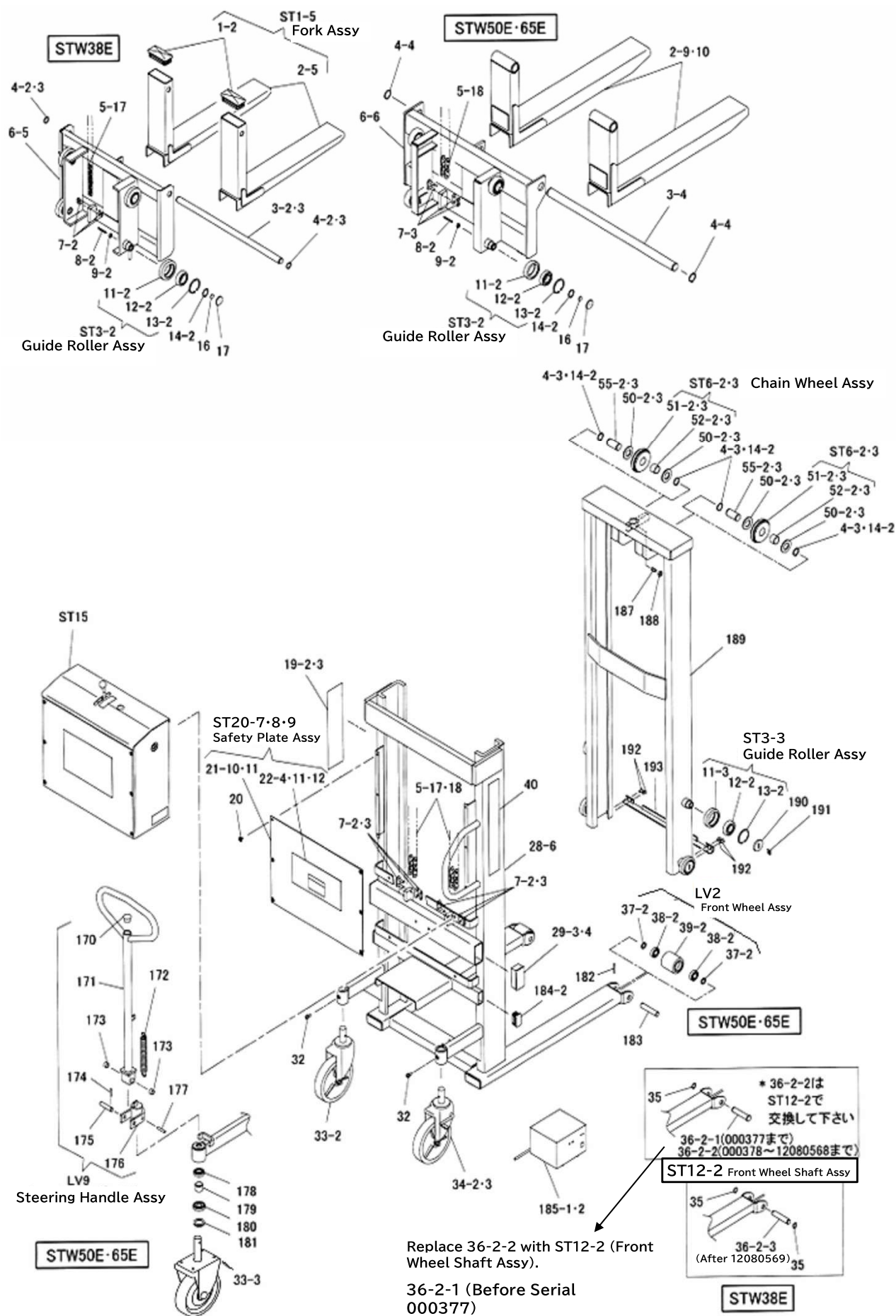
Model STW50E

Model STW65E

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Battery Powered Lifting Model (STW38E·50E·65E)

Frame



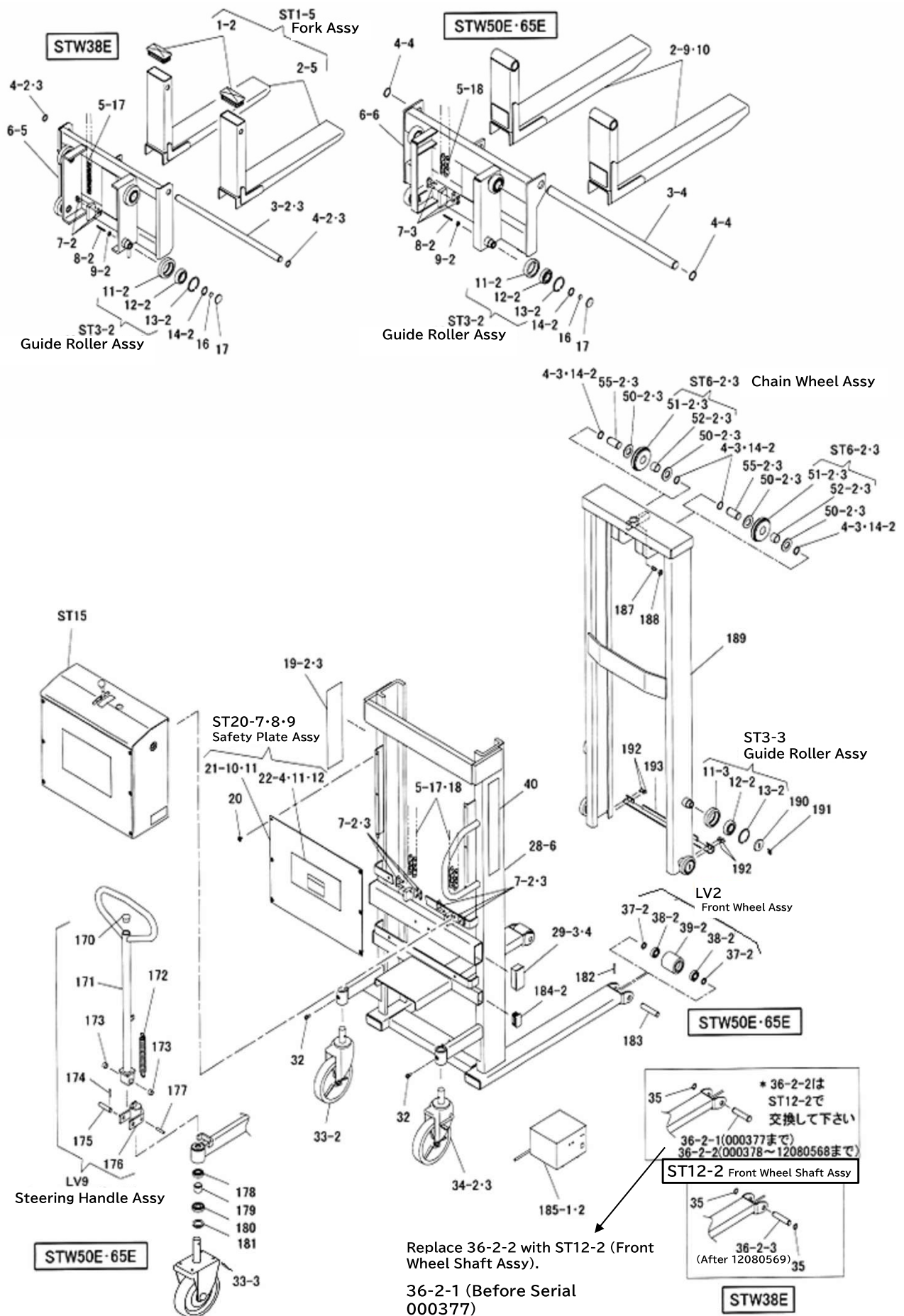
Frame

Battery Powered Lifting Model (STW38E•50E•65E)

Ill.No.	Parts No.	Parts Name	Standard	Note & Change Date Info.	Qty/Unit			Price/ea.
					STW38E	STW50E	STW65E	
ST1-5	76009310	Fork Assy	(1・2-5)X2ea./set	Color - Gray	1			
LV2	02585080	Front Wheel Assy	(37-2X2・38-2X2・39-2)	Old and New Compatible	2	2	2	
ST3-2	02603250	Guide Roller Assy	(11-2・12-2・13-2)	Old and New Compatible	8	4	4	
ST3-3	76009600	Guide Roller Assy	(11-3・12-2・13-2)			4	4	
ST6-2	76009240	Chain Wheel Assy	(51-2・52-2)		2			
ST6-3	76009320	Chain Wheel Assy	(51-3・52-3)			2	2	
ST20-7	76010830	Safety Plate Assy	(21-10・22-4)		1			
ST20-8	76010860	Safety Plate Assy	(21-11・22-11)			1		
ST20-9	76010930	Safety Plate Assy	(21-11・22-12)				1	
ST15	N/A	Hyd. Unit Assy		Not to be supplied	1	1	1	N/A
LV9	76005201	Steering Handle Assy	(170・171・173X2・174-176)			1	1	
ST12-2	76009230	Front Wheel Shaft Assy	(36-2-3・35X2)		2			
ST36	76009570	Fixed Caster Assy	(33-3・178~181)				1	
1-2	52603721	Fork Cap	110 x 49.5		2			
2-5	02605282	Fork		Color - Gray	2			
2-9	00187800	Fork		Color - Gray		2		
2-10	02608260	Fork		Color - Gray			2	
3-3	12605661	Fork Support Shaft			1			
3-4	12608666	Fork Support Shaft				1	1	
4-3	80845015	Snap Ring	RR025		6			
4-4	80845022	Snap Ring	RR035			2	2	
5-17	80832157	Roller Chain	RS50-157L with Joint Link		2			
5-18	80833131	Roller Chain	RS60-131L with Joint Link			2	2	
6-5	00192320	Carriage			1			
6-6	00193460	Carriage				1	1	
7-2	80839301	Joint Link	RS50		4			
7-3	80839321	Joint Link	RS60			4	4	
8-2	90960650	Hex Socket Head Cap Screw	HSS0650		4	4	4	
9-2	90930106	Hex Nut	HN06SE			4	4	
9-3	90930306	Hex Nut	HN06 (3) SE		4			
11-2	12603601	Guide Roller			8	4	4	
11-3	12603600	Guide Roller				4	4	
12-2	81046206	Bearing	6206ZZ		8	8	8	
13-2	80846036	Snap Ring	RR162		8	8	8	
14-2	80845019	Snap Ring	RR030		8	8	8	
16	12603681	Shoe Collar			4	4	4	
17	10593980	Side Shoe			4	4	4	
19-2	52003035	Bishamon Label 280			1			
19-3	51311024	Bishamon Label				1	1	
20	80821824	Scrivet	3820		6	6	6	
21-10	11139300	Safety Plate			1			
21-11	11140940	Safety Plate				1	1	
22-4	11128720	Capacity Label	380kg with Load Center Diagram		1			
22-11	11142140	Capacity Label	500kg with Load Center Diagram			1		
22-12	11142640	Capacity Label	650kg with Load Center Diagram				1	
28-6	N/A	Frame (Not available because Frame is structural parts)			1	1	1	N/A
29-3	80821859	Rectangular Cap	B-176 (Daisho)		2			
29-4	80821858	Rectangular Cap	108-21452 Taiyo			2	2	
32	90760820	Hex Socket Head Cap Bolt	HSBS0820		2	1	1	
33-2	85000976	Flexible Caster	150UWJS	Old and New Compatible	1			
33-3	85000851	Fixed Caster	200UWKS	Old and New Compatible		1	1	
34-2	85000971	Flexible Caster with Brake	150UWJSB	Old and New Compatible	1			
34-3	85000862	Flexible Caster with Brake	200UWJSB	Old and New Compatible		1	1	

Battery Powered Lifting Model (STW38E・50E・65E)

Frame



Frame

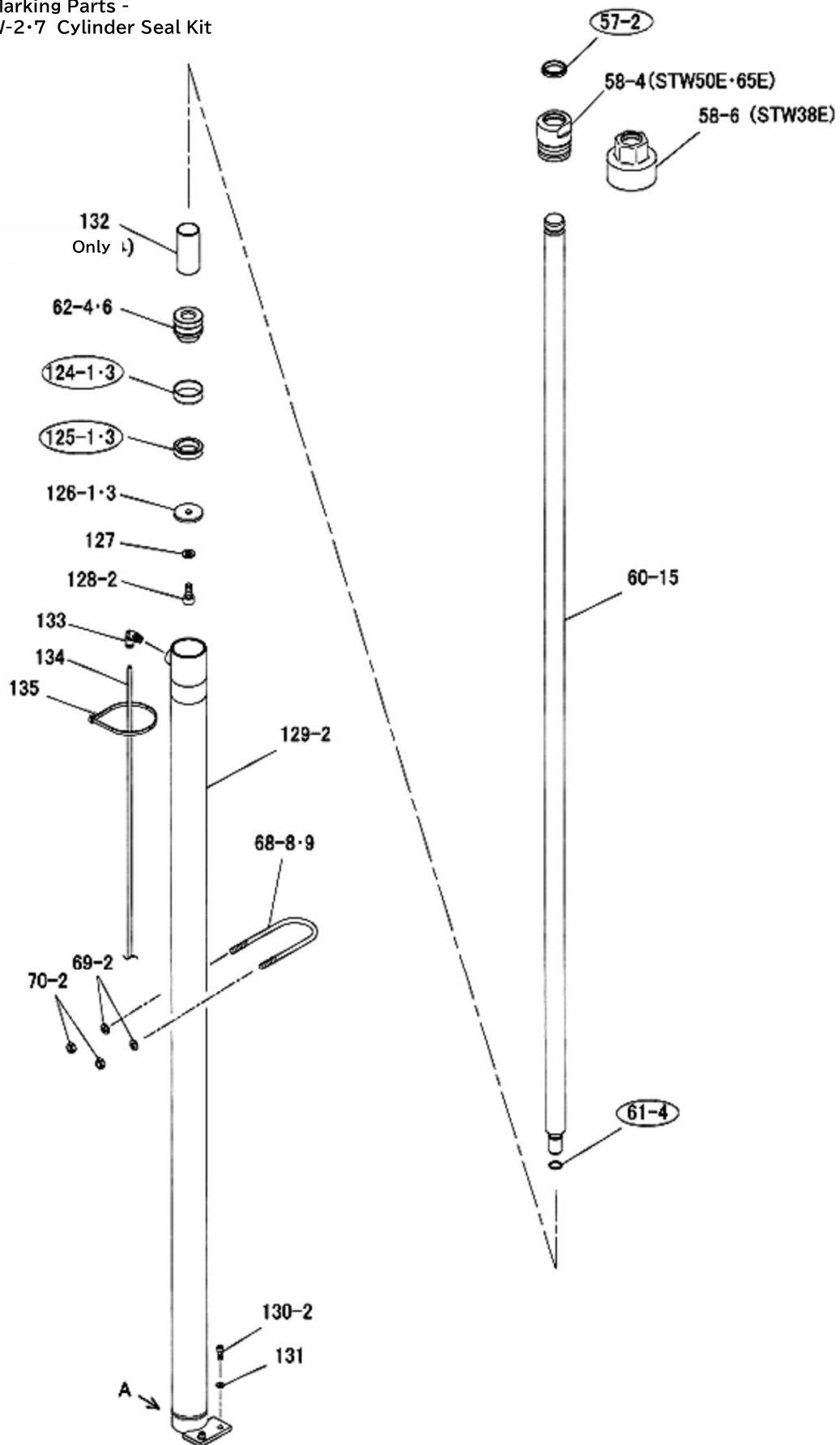
Battery Powered Lifting Model (STW38E·50E·65E)

Ill.No.	Parts No.	Parts Name	Standard	Note & Change Date Info.	Qty/Unit			Price/ea.
					STW38E	STW50E	STW65E	
35	80845011	Snap Ring	RR020		4			
36-2-1	12603263	Front Wheel Shaft	L=100 for 6mm Bracket	Before 000377	2			
36-2-2	12603264	Front Wheel Shaft	L= 96 for 4.5mm Bracket	(000378~12080568) Replace with ST12-2 (Page 3)	2			N/A
36-2-3	12603280	Front Wheel Shaft	L= 96 for 4.5mm Bracket	After 12080569	2			
37-2	12604680	Pulley Shaft Collar		Old and New Compatible	4	4	4	
38-2	81046004	Bearing	6004ZZ	Old and New Compatible	4	4	4	
39-2	N/A	Front Wheel	V70X73	Replace with LV2-2 (Assy)	2	2	2	N/A
40	52603420	Product Name Label			1	1	1	
50-2	90930727	Flat Washer	PW27SE		4			
50-3	90930730	Flat Washer	PW30SE			4	4	
51-2	12604531	Chain Wheel			2			
51-3	12606531	Chain Wheel				2	2	
52-2	81625250	#80 Bushing	80B-2525 (Oiles)		2			
52-3	81630331	#80 Bushing	80B-3025 (Oiles)			2	2	
55-2	12607440	Chain Wheel Shaft			2			
55-3	11130620	Chain Wheel Shaft				2	2	
171	22594160	Steering Handle				1	1	
172	50703060	Arm Return Spring				1	1	
173	81916201	Arm Bushing	16X20X14			2	2	
174	90980535	Roll Pin	SRP0535			1	1	
175	12594181	Handle Shaft				1	1	
176	02594171	Handle Boss				1	1	
177	90980845	Roll Pin	SRP0845			1	1	
178	81036005	Bearing	6005Z			1	1	
179	12603340	Bearing Spacer				1	1	
180	81230205	Taper Roller Bearing	30205			1	1	
181	12589390	Caster Collar				1	1	
182	90980545	Roll Pin	SRP0545			2	2	
183	12032333	Bogie Wheel Axle				2	2	
184-2	52601721	Fork Cap (60 x 30 Daisho)		Old and New Compatible	2	2	2	
185-1		Battery Charger	Ask Bishamon for info. for Export Model		1	1	1	Ask
187	90960816	Hex Socket Head Cap Screw	HSS0816		1	1	1	
188	90930308	Hex Nut	HN08 (3) SE		1	1	1	
189	N/A	Inner Post (Not available because Inner Post is structural parts)			1	1	1	N/A
190	12608680	Side Shoe			4	4	4	
191	90950516	Pan Head Screw	MSF0516SE		8	8	8	
192	91000815	Hex Scket Head Bolt	HSF0815		4	4	4	
193	N/A	Inner Post Under Connector (Not available because of structural parts)			1	1	1	N/A

Battery Powered Lifting Model (STW38E·50E·65E)

Cylinder

○ Marking Parts -
STW-2·7 Cylinder Seal Kit



Cylinder

Battery Powered Lifting Model (STW38E•50E•65E)

Ill.No.	Parts No.	Parts Name	Standard	Note & Change Date Info.	Qty/Unit			Price/ea.
					STW38E	STW50E	STW65E	
ST21-7	76010800	Cylinder Assy	(57-2 • 58-6 • 60-15-2 • 61-4 • 62-6 • 124-3 • 125-3 • 126-3 • 127 • 128-2 • 129-2 • 132)		1			
ST21-8	76010900	Cylinder Assy	(57-2 • 58-4 • 60-15-2 • 61-4 • 62-4 • 124-1 • 125-1 • 126-1 • 127 • 128-2 • 129-2)			1	1	
STW-2	76000020	Cylinder Seal Kit	(57-2 • 61-4 • 124-3 • 125-3)		1			
STW-7	76000060	Cylinder Seal Kit	(57-2 • 61-4 • 124-1 • 125-1)			1	1	
57-2	80803030	Dust Seal	SDR-30 Sakagami		1	1	1	
58-4	12696530	Top Nut				1	1	
58-6	11955340	Top Nut			1			
60-15-1	11956180	Piston Rod	Before 08022017 STW38E Before 08022108 STW50 • 65E		1	1	1	
60-15-2	11956181	Piston Rod	After 08022018 STW38E After 08022109 STW50 • 65E		1	1	1	
61-4	80800016	O Ring	P16		1	1	1	
62-4	12671570	Piston				1	1	
62-6	11955380	Piston			1			
68-8	11955560	Cylinder Holder			1			
68-9	11142650	Cylinder Holder				1	1	
69-2	90930508	Spring Washer	SW08SE		2	2	2	
70-2	90930108	Hex Nut	HN08SE		2	2	2	
124-1	80804045	Wearing	SW-45 Sakagami			1	1	
124-3	80804034	Wearing	SW-35 Sakagami		1			
125-1	80801532	U Packing	KY-32 Sakagami			1	1	
125-3	80802620	U Packing	KKY-0025002N906 Sakagami		1			
126-1	12696570	Piston Washer				1	1	
126-3	11955400	Piston Washer			1			
127	90930510	Spring Washer	SW10SE		1	1	1	
128-2	90921020	Hex Scoket Head Cap Bolt	HSB1020		1	1	1	
129-2	N/A	Cylinder (To be supplied only by Assy)			1	1	1	N/A
130-2	90920615	Hex Scoket Head Cap Bolt	HSBS0615		2	2	2	
131	90930506	Spring Washer	SW06SE		2	2	2	
132	11955420	Piston Spacer			1			
133	80817225	Elbow Union	ZL-061		1	1	1	
134	11141640	Overflow Tube	F1506-1175 Aoi		1	1	1	
135	80825295	Plastic Strap	CV-300		1	1	1	

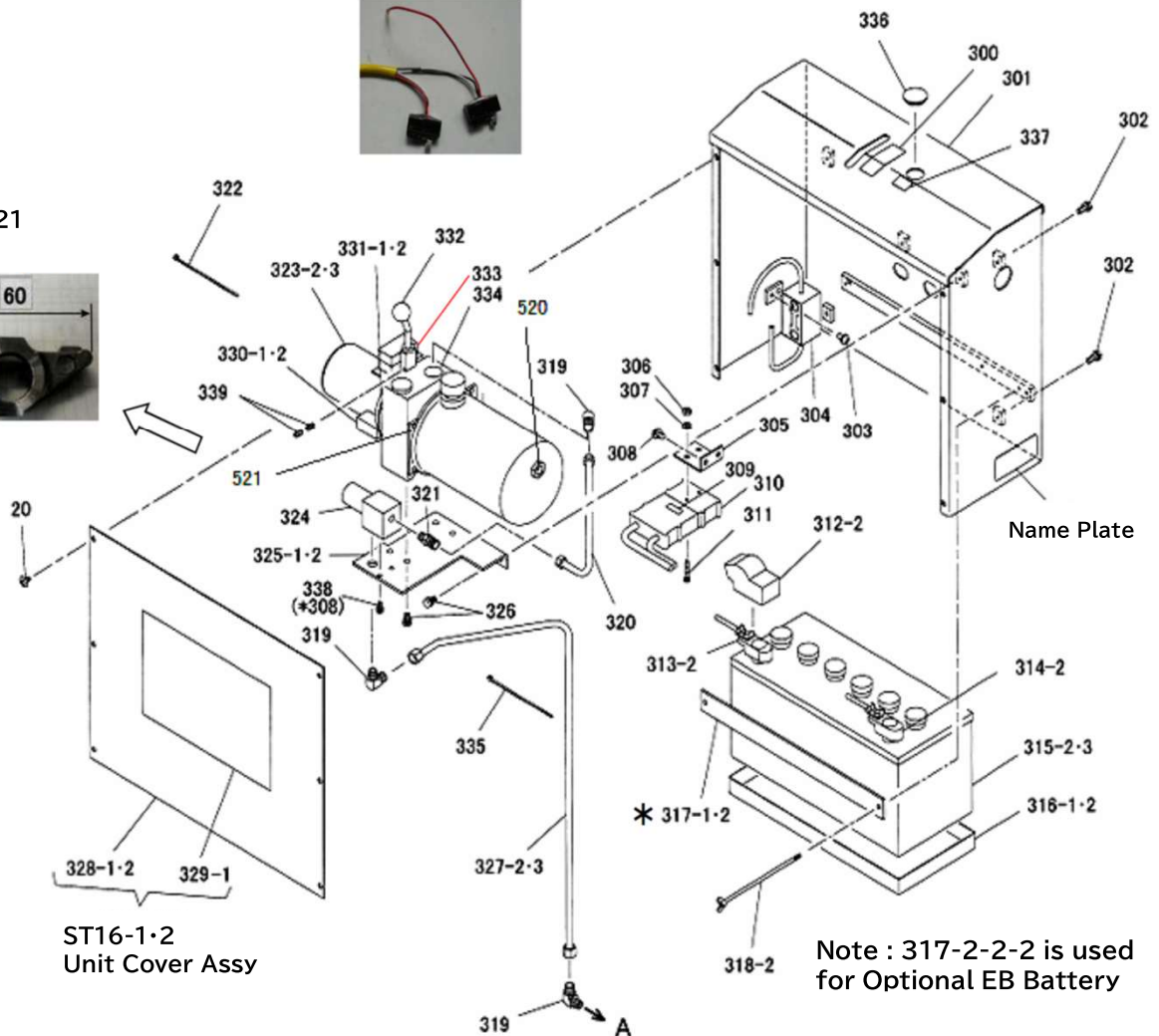
Battery Powered Lifting Model (STW38E•50E•65E)

Hyd. Unit

No. 333
Micro Switch



No. 521
Cam



Serial No. Info. for No. 308
- Before 07061129

No. 522 (Option)
Handle for Charging Socket



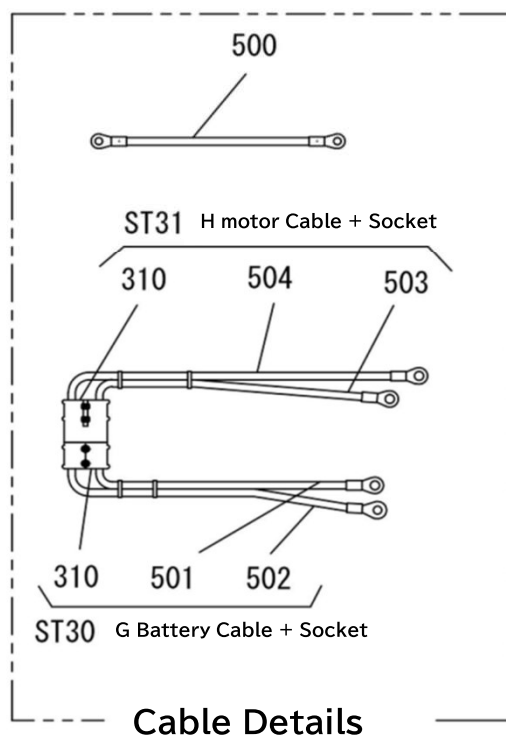
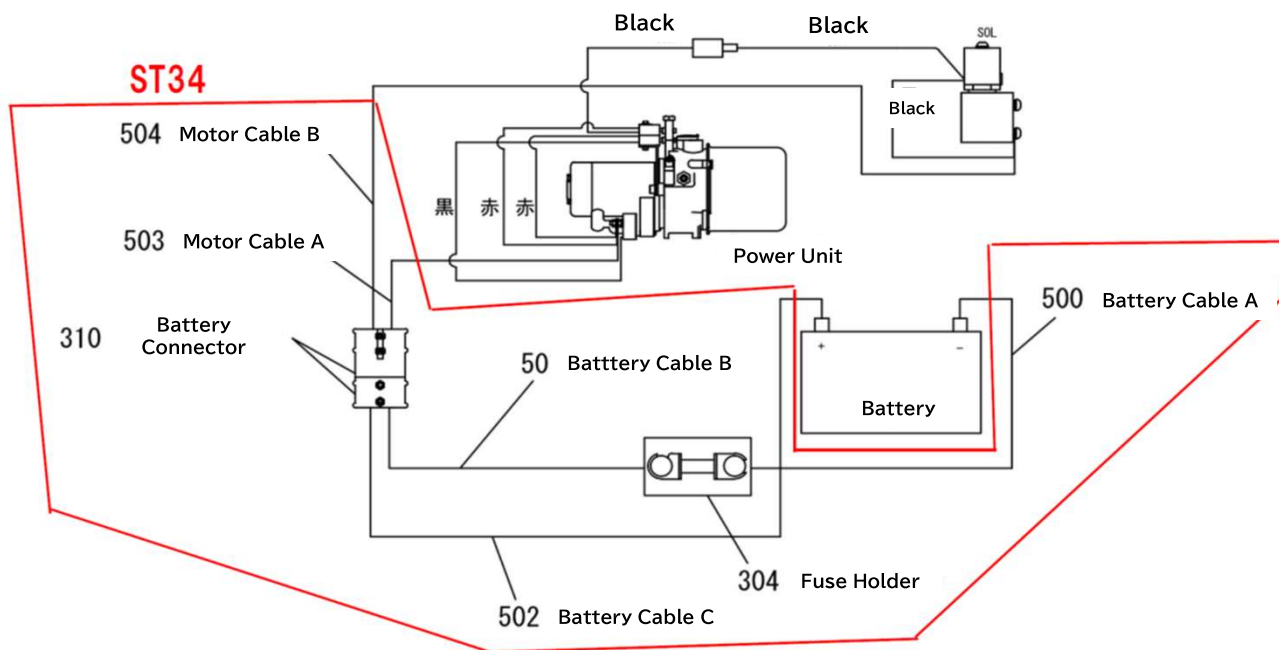
Hyd. Unit

Battery Powered Lifting Model (STW38E•50E•65E)

Ill. No.	Parts No.	Parts Name	Standard	Note & Change Date Info.	Qty/Unit			Price/ea.
					STW38E	STW50E	STW65E	
ST15	N/A	Hyd. Unit Assy	(20・300-338)		1	1	1	N/A
ST16-1	76010440	Unit Cover Assy	(328-1・329-1)		1			
ST16-2	76010540	Unit Cover Assy	(328-2・329-1)			1	1	
20	80821824	Scrivet	3820		6	6	6	
300	12600400	Function Label			1	1	1	
301	N/A	Unit Case (Assy)		Not to be supplied	1	1	1	N/A
302	90890820	Hex Bolt with Washer	HBS0820SE		3	4	4	
303	90800815	Round Head Screw	MSRS0815SE		1	1	1	
304	80819681	Fuse Holder	E110B-100A		1	1	1	
	80819691	Fuse	100A		1	1	1	
305	12593440	Connector Fixing Plate			1	1	1	
306	90930106	Hex Nut	HN06SE		2	2	2	
307	90930506	Spring Washer	SW06SE		2	2	2	
308	90800610	Round Head Screw	MSRS0610SE Qty was changed after 07060108		4 → 2			
309	52594420	Charging Inlet Label			1	1	1	
310	80819951	Battery Connector	CB175 P/N 149112		2	2	2	
311	90940635	Pan Head Screw	MSR0635SE		2	2	2	
312-2	52600571	Terminal Cover (Large) R			1	1	1	
313-2	80819900	Battery Terminal	No. 9P+		1	1	1	
314-2	80819901	Battery Terminal	No. 9N-		1	1	1	
315-2	80819811	Battery	GR-95D31R (NX120-7)		1			
315-3	80819713	Battery	SG-130E41R (NX200-10)			1	1	
316-1	52600591	Battery Plate			1			
316-2	11951200	Battery Plate				1	1	
317-1	12624821	Battery Clamp Plate			1			
317-2-1	11951180	Battery Clamp Plate		Before 07090997		1	1	
317-2-2-1	11951190	Battery Clamp Plate		After 07090998		1	1	
317-2-2-2	11951180	Battery Clamp Plate	for EB Battery (Option)			1	1	
318-2	02624450	Battery Fixing Bolt			2	2	2	
319	80813910	90° Elbow	HS-E1-10X1/4		3	3	3	
320	76010330	Pressure Pipe B Assy	with Sleeve and Nut		1	1	1	
321	80814910	Connector	HS-S-10X1/4		1	1	1	
322	80825291	Plastic Strap	CV-150 Qty was changed after 08031721		1 → 2			
323-1	70819641	Power Pack	DCCA1. 7F207AC1H 426L					
323-2	70819642	Power Pack	DCCA1. 7F207AC1H 426L		1			
323-3-1	80819553	Power Pack	DCCA1. 7F210AC3H 427H	Before 11121511		1	1	
323-3-2	80819554	Power Pack	DCCA1. 7S210AC3H 024H	After 11121512		1	1	
324	80819405	Solenoid Valve Assy	958-22-12S		1	1	1	
325-1	N/A	Unit Base (No knotching)	Before 08051169	Compatible with 325-3	1	1	1	N/A
325-2	N/A	Unit Base (W/knotching)	(08051170 - 11121511)	Compatible with 325-3	1	1	1	N/A
325-3	12594492	Unit Base (W/knotching)	50X140	(11121512 - 13101529)	1	1	1	
325-4	12594493	Unit Base (W/knotching)	50X140	After 13101530	1	1	1	
326	90890815	Hex Bolt with Washer	HBS0815SE		6	6	6	
327-2-1	76010420	Pressure Pipe A Assy	with Sleeve and Nut	Before 08051169	1			
327-2-2	76010421	Pressure Pipe A Assy	with Sleeve and Nut	After 08051170	1			
327-3-1	76010520	Pressure Pipe A Assy	with Sleeve and Nut	Before 08051169		1	1	
327-3-2	76010521	Pressure Pipe A Assy	with Sleeve and Nut	After 08051170		1	1	
328-1	11138260	Unit Cover Front			1			
328-2	11141080	Unit Cover Front				1	1	
329-1	11128740	Caution Label			1	1	1	
330-1	80819409	Contacto	(used for 323-2)		1			
330-2-1	N/A	Contacto (used for 323-3・1)	Before 11121511	Replace with 330-2-3		1	1	N/A
330-2-2	70819409	Contacto (used for 323-3・2)	(used for 323-3-2)	After 11121512		1	1	
330-2-3	70819404	Contacto	(used for 323-3-1)			1	1	
331-1	24998376	Carbon Brushing	(used for 323-2) 4ea./set		1			
331-2	24998377	Carbon Brushing	(used for 323-3) 4ea./set			1	1	
332	24997600	Lever Assy with Grip Ball			1	1	1	
333	80819398	Micro Switch	Z-15GW 2255-MD (for lifting)	2ea./set	1	1	1	
334	76011110	Power Pack Lever Spring			1	1	1	
335	80825290	Plastic Strap	CV-90		1	1	1	
336	80821802	Rubber Cap	OB-13 (Black)	After 000474	1	1	1	
337	11138270	Oil Filling Port Label		After 000474	1	1	1	
338	90780615	Round Head Screw	MSRPS0615SE	After 07060108	2	2	2	
338	90960509	Hex Socket Head Cap Screw	HSS0510		2	2	2	
520	76011210	Plug Assy			1	1	1	
521	76011140	Cam			1	1	1	
522	24008990	Charging Socket Handle	(Option)		1	1	1	

Battery Powered Lifting Model

Wiring Info.



Wiring Info.

Battery Powered Lifting Model

[illegible]

Bishamon

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