

Spare Parts List for **Bishamon** Hydraulic Stackers Manually Operated Model - Low Rise Series **Model STS15 & STS38**

Note : For the units produced after July 2000
(No Pricing Shown)

**STS15**

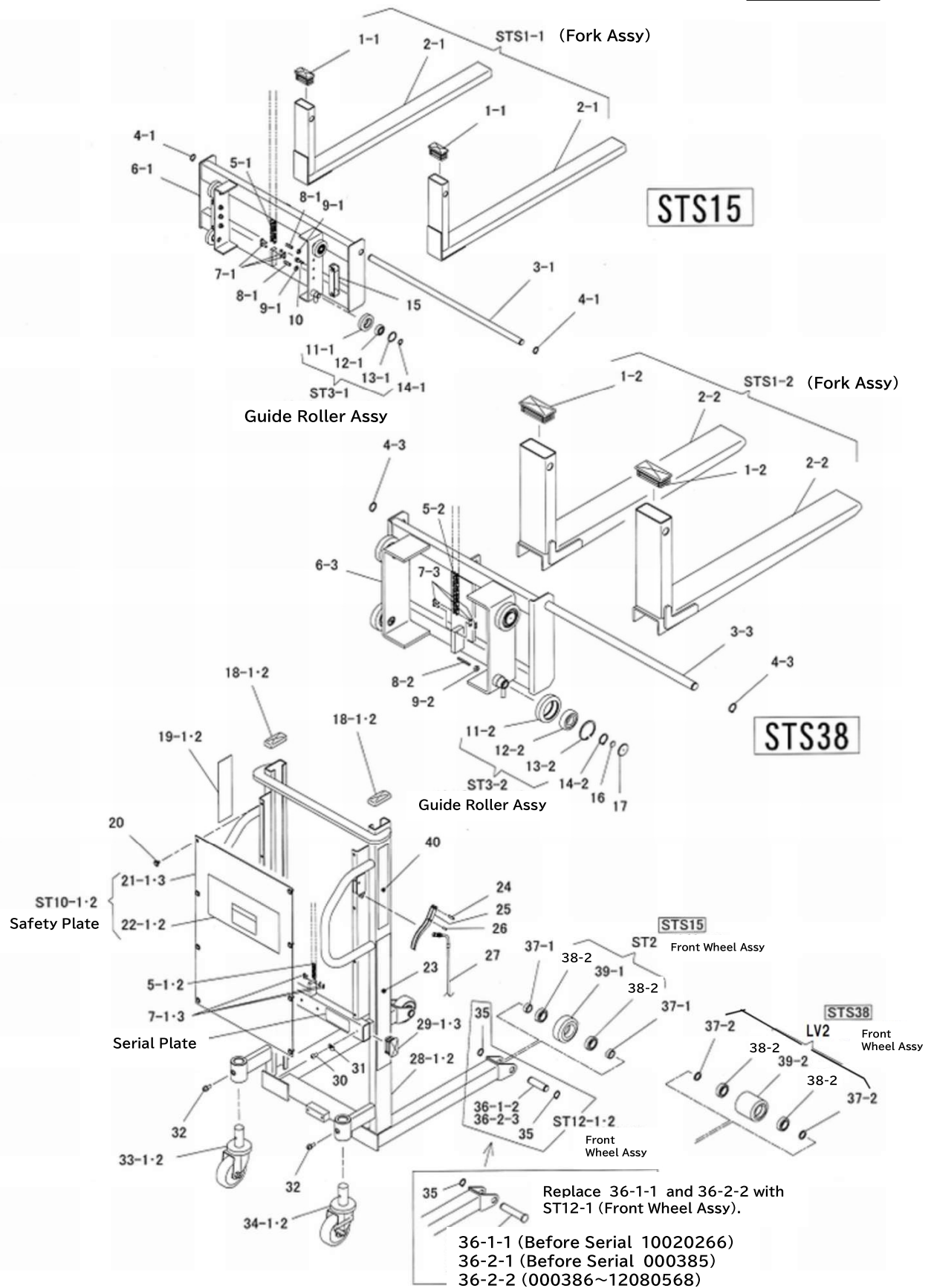
Contents

Hydraulic Stacker - Model STS15 & STS38

	Page
1) Frame	2 ~ 5
2) Cylinder	6 ~ 9

STS15·38

Frame



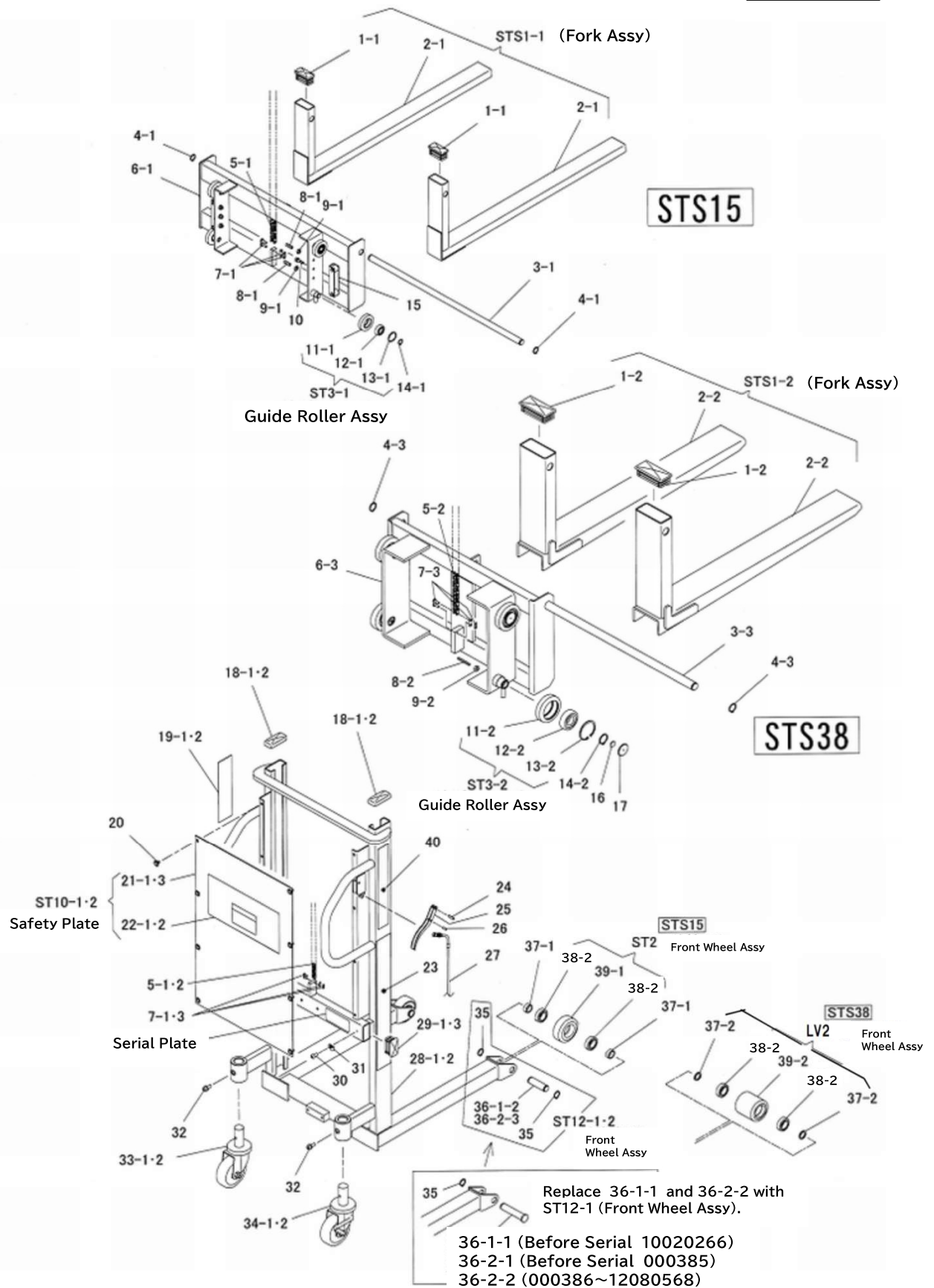
Frame

STS15•38

Ill.No.	Parts No.	Parts Name	Standard	Note & Change Date Info.	Qty/Unit		Price/ea.
					STS15	STS38	
STS1-1	02650410	Fork Assy	(1-1 • 2-1) 2 Pcs./set	Color - Gray	1		
STS1-2	02650460	Fork Assy	(1-2 • 2-2) 2 Pcs./set	Color - Gray		1	
ST2	76009101	Front Wheel Assy	(38-2X2 • 39-1)	Old and New Compatible	2		
LV2	02585080	Front Wheel Assy	(37-2X2 • 38-2X2 • 39-2)	Old and New Compatible		2	
ST3-1	76009120	Guide Roller Assy	(11-1 • 12-1 • 13-1)		4		
ST3-2	02603250	Guide Roller Assy	(11-2 • 12-2 • 13-2)	Old and New Compatible		4	
ST10-1	76009940	Safety Plate Assy	(21-1 • 22-1)		1		
ST10-2	76009960	Safety Plate Assy	(21-3 • 22-2)			1	
ST12-1	76009110	Front Wheel Shaft Assy	(36-1-2 • 35X2)		2		
ST12-2	76009230	Front Wheel Shaft Assy	(36-2-2 • 35X2)			2	
1-1	52601721	Fork Cap	60X30		2		
1-2	52603721	Fork Cap				2	
2-1	02650060	Fork		Color - Gray	2		
2-2	02650260	Fork		Color - Gray		2	
3-1	12601661	Fork Support shaft			1		
3-3	12605661	Fork Support shaft				1	
4-1	80845009	Snap Ring	RR018		2		
4-3	80845015	Snap Ring	RR025			2	
5-1	80831055	Roller Chain	RS40-55L	With Joint Link	1		
5-2	80833043	Roller Chain	RS60-43L	With Joint Link		1	
6-1	00177100	Carriage			1		
6-2	02605212	Carriage				1	
7-1	80839100	Joint Link	RS40		2		
7-3	80839321	Joint Link	RS60			2	
8-1	90966825	Hex Socket head Cap Screw	HSS0825		4		
8-2	90960650	Hex Socket head Cap Screw	HSS0650			4	
9-1	90930308	Hex Nut	HNO8 (3) SE		4		
9-2	90930106	Hex Nut	HNO6SE			4	
10	90700625	Hex Socket Head Cap Bolt	HSBPS0625		2		
11-1	12601601	Guide Roller			4		
11-2	12603601	Guide Roller				4	
12-1	81046002	Bearing	6002ZZ		4		
12-2	81046206	Bearing	6206ZZ			4	
13-1	80846019	Snap Ring	RRI32		4		
13-2	80846036	Snap Ring	RRI62			4	
14-1	80845006	Snap Ring	RR015		4		
14-2	80845019	Snap Ring	RR030			6	
15	02601241	Side Roller Bracket			2		
16	12603681	Shoe Collar				4	
17	10593980	Side Shoe				4	
18-1	11143150	Post Cap			2		
18-2	11143690	Post Cap				2	
19-1	52611403	Bishamon Label			1		
19-2	52003035	Bishamon Label 280				1	
20	80821824	Scrivet	3820		8	8	
21-1	11127540	Safety Plate			1		
21-3	52605133	Safety Plate				1	
22-1	11143140	Capacity Label	Cap. 150kgs.		1		
22-2	11143680	Capacity Label	Cap. 380kgs.			1	
23	11128700	Caution Label	In English		1	1	
24	90980622	Roll Pin	SRP0622		1	1	
25	12003943	Control Lever			1	1	

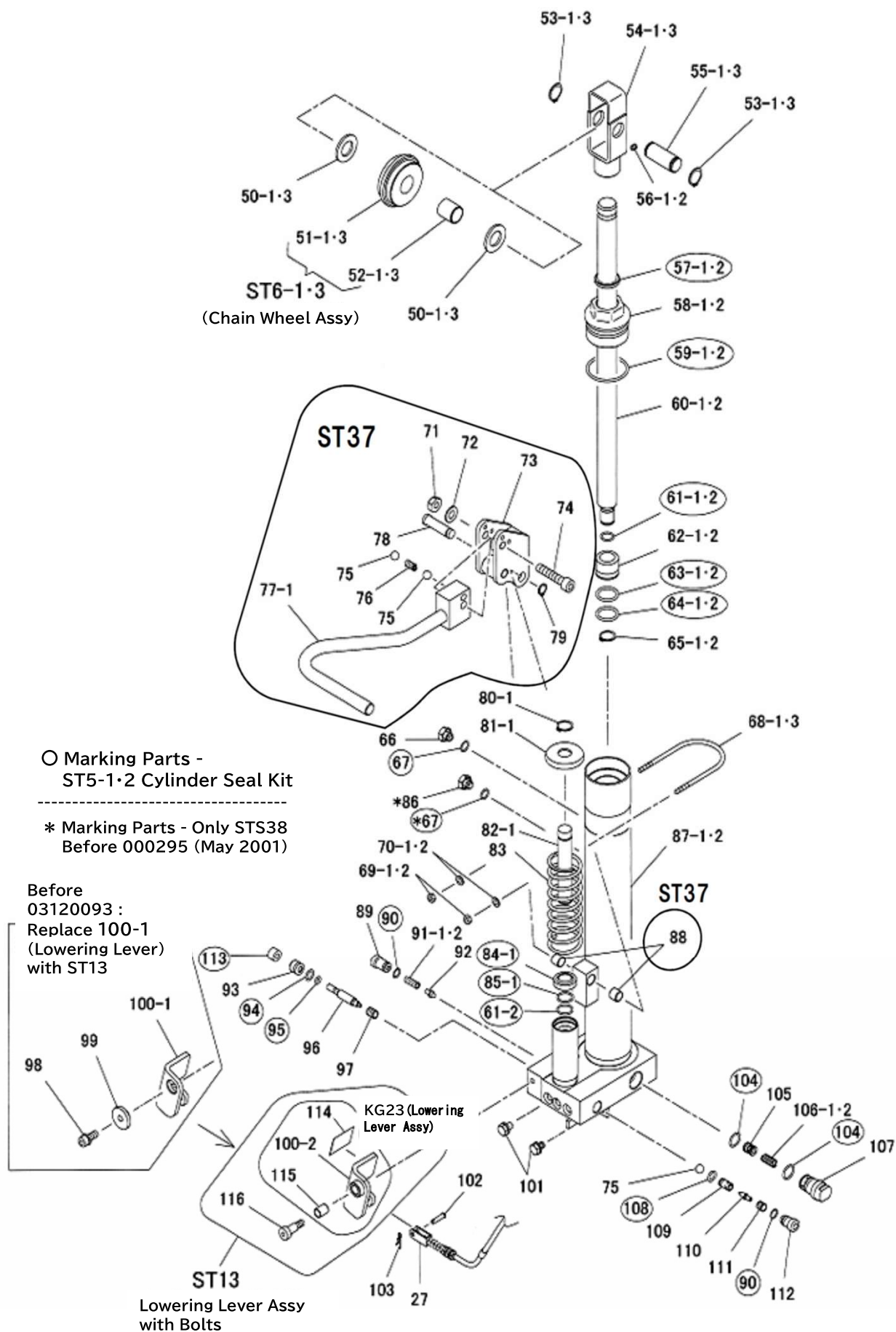
STS15·38

Frame



STS15-38

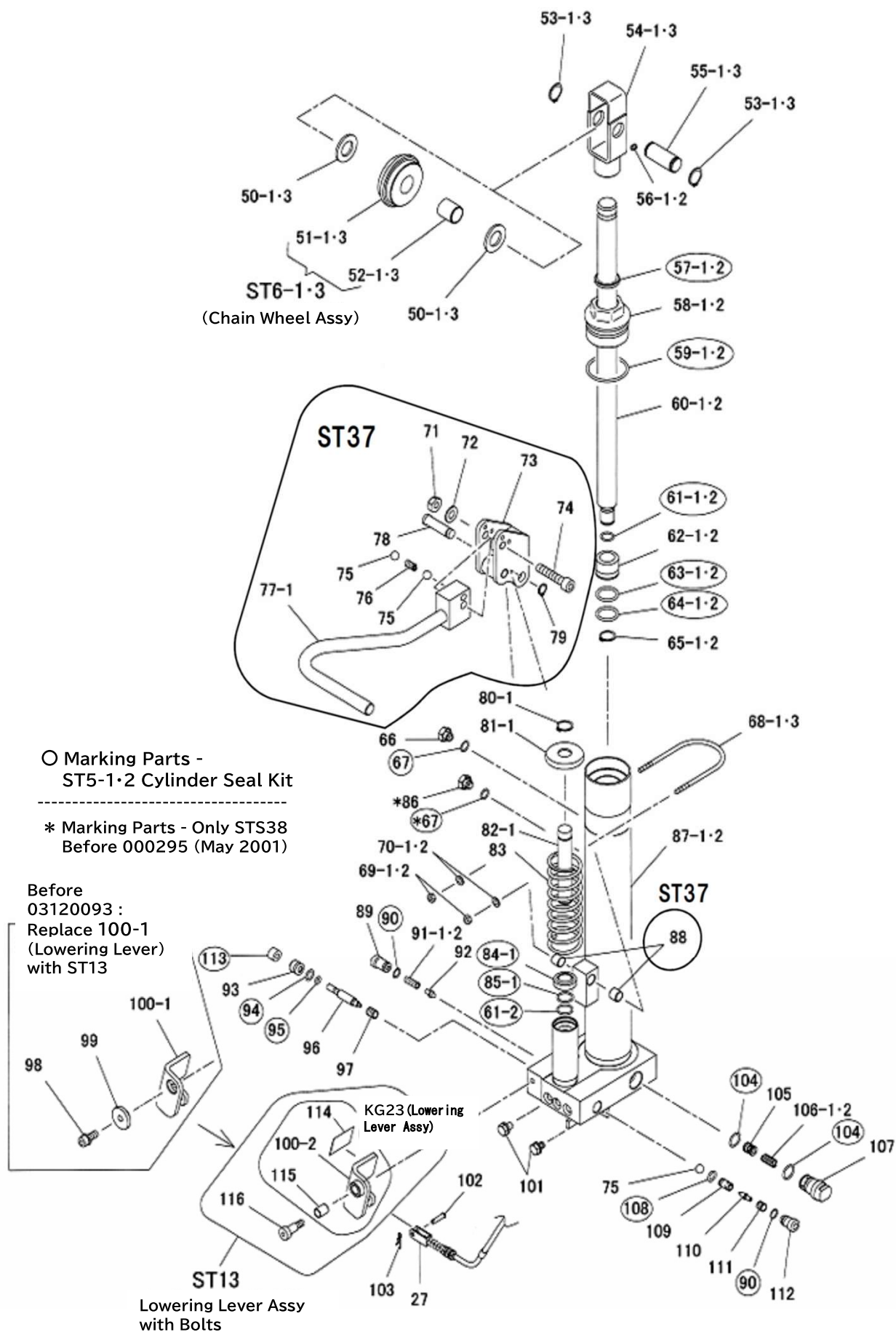
- 5 -



Cylinder

STS15•38

Ill. No.	Parts No.	Parts Name	Standard	Note & Change Date Info.	Qty/Unit		Price/ea.
					STS15	STS38	
*Cylinder Assy (ST4-1・2) is New and Old Compatible for any year production with current Cylinder Assy							
ST4-1	76009950	Cylinder Assy	(57-1~61-1・61-2・62-1~65-1・66・67・71~74・75X3・76・77-1・78・79・80-1~82-1・83・84-1・85-1・87-1・88X2・89・90X2・91-1・92~97・100-2・104X2・105・106-1・107-2・108~116)		1		
ST4-2	76009970	Cylinder Assy	(57-2~60-2-2・61-2X2・62-2~65-2・66・67・71~74・75X3・76・77-1・78・79・80-1~82-1・83・84-1・85-1・87-2・88X2・89・90X2・91-2・92~97・100-2・104X2・105・106-2・107-2・108~116)			1	
ST5-1	76009220	Cylinder Seal Kit	(57-1・59-1・61-1・61-2・63-1・64-1・67・84-1・85-1・90X2・94・95・104X2・108・113)		1		
ST5-2	76009301	Cylinder Seal Kit	(57-2・59-2・61-2・63-2・64-2・67・84-1・85-1・90・94・95・104X2・108・113)	Old and New Compatible		1	
ST6-1	76009140	Chain Wheel Assy	(51-1・52-1)		1		
ST6-3	76009320	Chain Wheel Assy	(51-3・52-3)			1	
KG-23	00701600	Lowering Lever Assy	(100-2・114・115)	After 03120094	1	1	
ST13	76005120	Lowering Lever Assy with Bolt	(100-2・114・116)		1	1	
ST37	76009070	Pedal Arm Assy	(71~77-1・78・79・88)		1	1	
50-1	90930720	Flat Washer	PW20SE		2		
50-3	90930730	Flat Washer	PW30SE			2	
51-1	11127660	Chain Wheel			1		
51-3	12606531	Chain Wheel				1	
52-1	81620025	#80 Bushing	80B-2025 (Oiles)		1		
52-3	81630331	#80 Bushing	80B-3025 (Oiles)			1	
53-1	80845011	Snap Ring	RR020		2		
53-3	80845019	Snap Ring	RR030			2	
54-1	02601711	Chain Bracket			1		
54-3	02605712	Chain Bracket				1	
55-1	12602571	Chain Wheel Shaft			1		
55-3	11130620	Chain Wheel Shaft				1	
56-1	90960608	Hex Socket Head Screw	HSS0608		1		
56-2	90960808	Hex Socket Head Screw	HSS0808			1	
57-1	80803025	Dust Seal	SDR-25		1		
57-2	80803030	Dust Seal	SDR-30			1	
58-1	12582580	Top Nut			1		
58-2	12606152	Top Nut				1	
59-1	80800046	O Ring	P50		1		
59-2	80800129	O Ring	G65			1	
60-1	12582560	Piston Rod			1		
60-2	12585661	Piston Rod				1	
61-1	80800014	O Ring	P14		1		
61-2	80800017	O Ring	P18			2	
62-1	12604121	Piston			1		
62-2	12606120	Piston				1	
63-1	80806024	Back Up Ring	P24-B		1		
63-2	80806029	Back Up Ring	P29-B			1	
64-1	80800023	O Ring	P24		1		
64-2	80800028	O Ring	P29			1	
65-1	80845009	Snap Ring	RR018		1		
65-2	80845013	Snap Ring	RR022			1	
66	12604330	Air Breather			1	1	
67	80800260	O Ring	9.5X3 Qty was changed after 000296 (Only STS38)		1	2→1	
68-1	11127670	Cylinder Holder			1		
68-2	12606770	Cylinder Holder				1	
69-1	90930106	Hex Nut	HN06SE		2		
69-2	90930108	Hex Nut	HN08SE			2	
70-1	90930506	Spring Washer	SW06SE		2		
70-2	90930508	Spring Washer	SW08SE			2	
71	90932710	Hex U Nut	HUN10SE		1	1	
72	90930710	Flat Washer	PW10SE		1	1	



Cylinder

STS15•38

Ill.No.	Parts No.	Parts Name	Standard	Note & Change Date Info.	Qty/Unit		Price/ea.
					STS15	STS38	
73	02585552	Pedal Bracket			1	1	
74	90921050	Hex Socket Head Cap Bolt	HSB1050		1	1	
75	80843022	Steel Ball	9/32A		3	3	
76	52616630	Relief Spring			1	1	
77-1	N/A	Pedal Arm		Replace with ST37 (Page 7)	1	1	N/A
78	12616801	Piston Head Pin			1	1	
79	80845003	Snap Ring	RR012		1	1	
80-1	80848009	Snap Ring	RR018		1	1	
81-1	12003653	Thrust Washer			1	1	
82-1	12604182	Plunger			1	1	
83	50705660	Pressure Spring			1	1	
84-1	52003633	Dust Seal	RSD18		1	1	
85-1	80806018	Back Up Ring	P18-B		1	1	
86	12003533	Plug (Discontinued)		(Before 000295)		1	
87-1	N/A	Cylinder Weldment	(Not available because Cylinder need to be replaced by Assy)			1	N/A
87-2	N/A	Cylinder Weldment	(Not available because Cylinder need to be replaced by Assy)			1	N/A
88	81701212	Dry Bearing	70B-1212 Oiles		2	2	
89	12585820	Relief Plug			1	1	
90	80800008	O Ring	P10		2	2	
91-1	11953170	Relief Spring			1		
91-2	52603870	Relief Spring				1	
92	12604280	Relief Seat			1	1	
93	12003503	Steering Bushing			1	1	
94	80800010	O Ring	P11		1	1	
95	80800002	O Ring	P4		1	1	
96	12585651	Pressure Pin			1	1	
97	52003463	Back Valve Spring			1	1	
98	90760820	Hex Socket Head Cap Bolt	HSBS0820	Before 03120093	1	1	
99	12585800	Lowering Lever Holder		Before 03120093	1	1	
100-1	N/A	Lowering Lever	Replace with ST13 (Page 7)	Before 03120093	1	1	N/A
100-2	02585560	Lowering Lever	New and Old Compatible	After 03120094	1	1	
101	90890812	Hex Bolt with Washer	HBS0812SE		2	2	
102	50501681	Clevis Pin			1	1	
103-1	90972516	Cotter Pin	SP0. 2515SE	Before 05120077	1		
				Before 06090085		1	
103-2	80654165	Snap Pin (5 Nominal)	New and Old Compatible	After 05120078	1		
				After 06090085		1	
104	80800516	O Ring	P16-1B		2	2	
105	12611630	Flow Control Spool			1	1	
106-1	52613040	Flow Control Spring			1		
106-2	52611200	Flow Control Spring				1	
107	11501320	Flow Control Housing	New and Old Compatible	After 04111986	1	1	
108	80800005	O Ring	P7		1	1	
109	12003483	Valve Seat			1	1	
110	12003473	Lowering Valve			1	1	
111	52003493	Valve Spring			1	1	
112	12611590	Back Valve Screw			1	1	
113	52003513	Sealed Rubber		After 03120094	1	1	
114	12585920	Lowering Lever Caution Seal		After 03120094	1	1	
115	81771015	Dry Bearing	LFB-1015	After 03120094	1	1	
116	90730450	Hex Socket Head Cap Bolt	10 x 16 (M8)	After 03120094	1	1	

Bishamon

 **Sugiyasu Corporation**

3-21, 4-Chome, Hongo-Cho, Takahama City,
Aichi, Japan 444-1394

Tel. 81-566-53-1126, Fax. 81-566-53-1844
<http://www.bishamon.co.jp/>