

Spare Parts List

For

Hand Pallet Truck

(Blue Label)

Model BM12-L50 Series

(Units Produced after May 1990)

BM12SS-L50, BM12M-L50, BM12-LL-L50

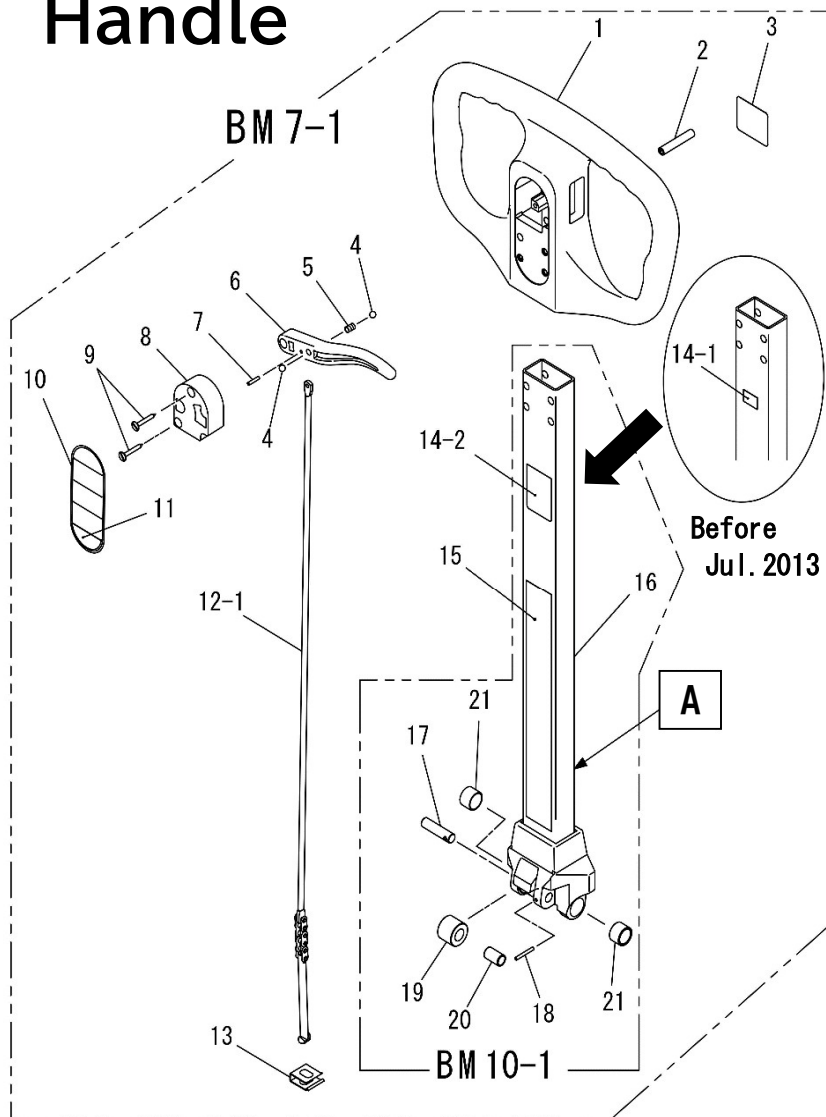
Note : BM15-L50 was discontinued in Sep.2012
and was changed to BM12-L50

Without Pricing

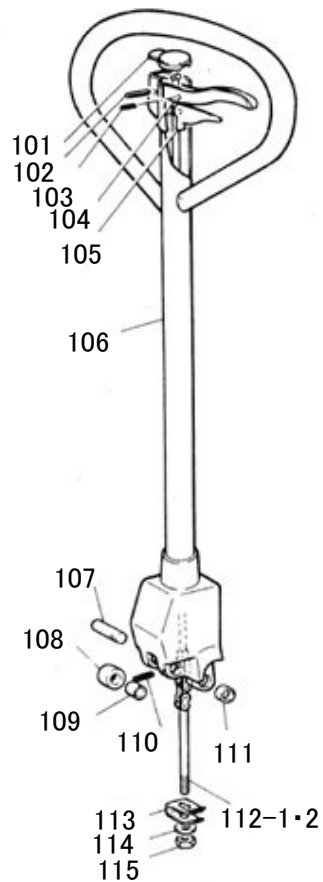
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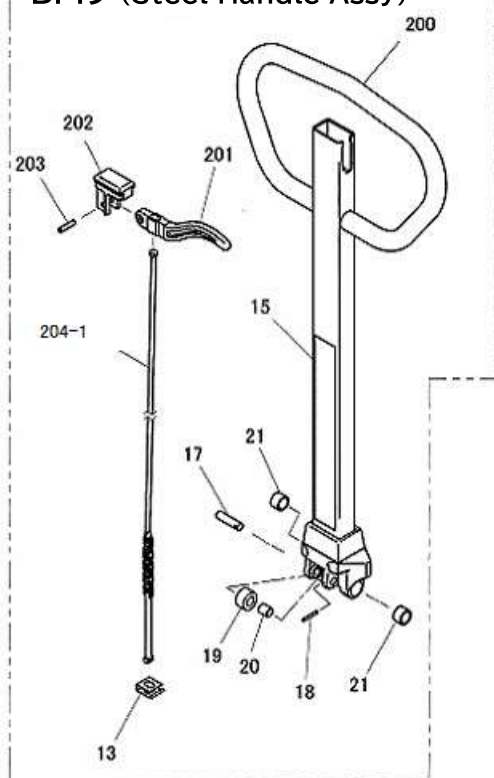
Handle



Old Model Handle



BM9 (Steel Handle Assy)



Re : Old Model

If Handle is round Pipe (Before June, 2003), it is old model. Pay close attention to select parts.

Handle

BM12-L50

Ill.No.	Part No.	Parts Name	Note	BM12-15-L50	Price/ea.
BM7-1	02111220	Handle Assy (Gray Color-Plastic)	(1~21) with English Label	1	
BM9-1	Ask	Handle Assy (Option-Steel)	(13·15·17~21·200~204)	1	
BM10-1	02302813	Handle	16~21	1	
1	72250180	Handle Set (with 3, 8, 9, 10)	Gray Color-Plastic	1	
2	90980845	Roll Pin	SRP085	4	
3	52003240	Bishamon Blue Label	Blue color "Bishamon"	1	
	52002960	Bishamon Label (Red)	Red color "Bishamon"	1	
4	80843020	Steel Ball	1/4A	2	
5	12250220	Neutral Spring		1	
6	12003944	Control Lever		1	
7	90980315	Roll Pin	SRP0315	1	
8	12250201	Handle Cover		1	
9	90730434	Screw	Qty was changed after April 2006	3→2	
10	52003281	Operation Label (Blue Label)	Blue color "Bishamon"	1	
	52002981	Operation Label (Red)	Red color "Bishamon"	1	
11	52003121	Capacity Label	1200 kgs.	1	
12-1	76022220	Upper Valve Bar Assy		1	
13	52003983	Lower Bar Spring		1	
14-1	Ask	Model No. Label (Before Jul.2013)	Model No. Info. Would be required Replace by 14-2	1	N/A
14-2	Ask	Model No. Label (After 13080001)	Model No. Info. Would be required	1	
15	52003220	Caution Label E		1	
16	N/A	Handle	Replace by BM10	1	N/A
17	12003853	Pressure Roller Axle	φ 10-43mm	1	
18	90980325	Roll Pin	SRP0325	1	
19-1	02003843	Pressure Roller Assy	(With 20-1)	1	
19-2	76027945	Pressure Roller Assy	(With 20-2) After 13025001	1	
20-1	81701015	Drymet Bushing	70B-1015	1	
20-2	81701020	Drymet Bushing	70B-1020 After 13025001	1	
21	81916201	Arm Bushing	16X20X14	2	

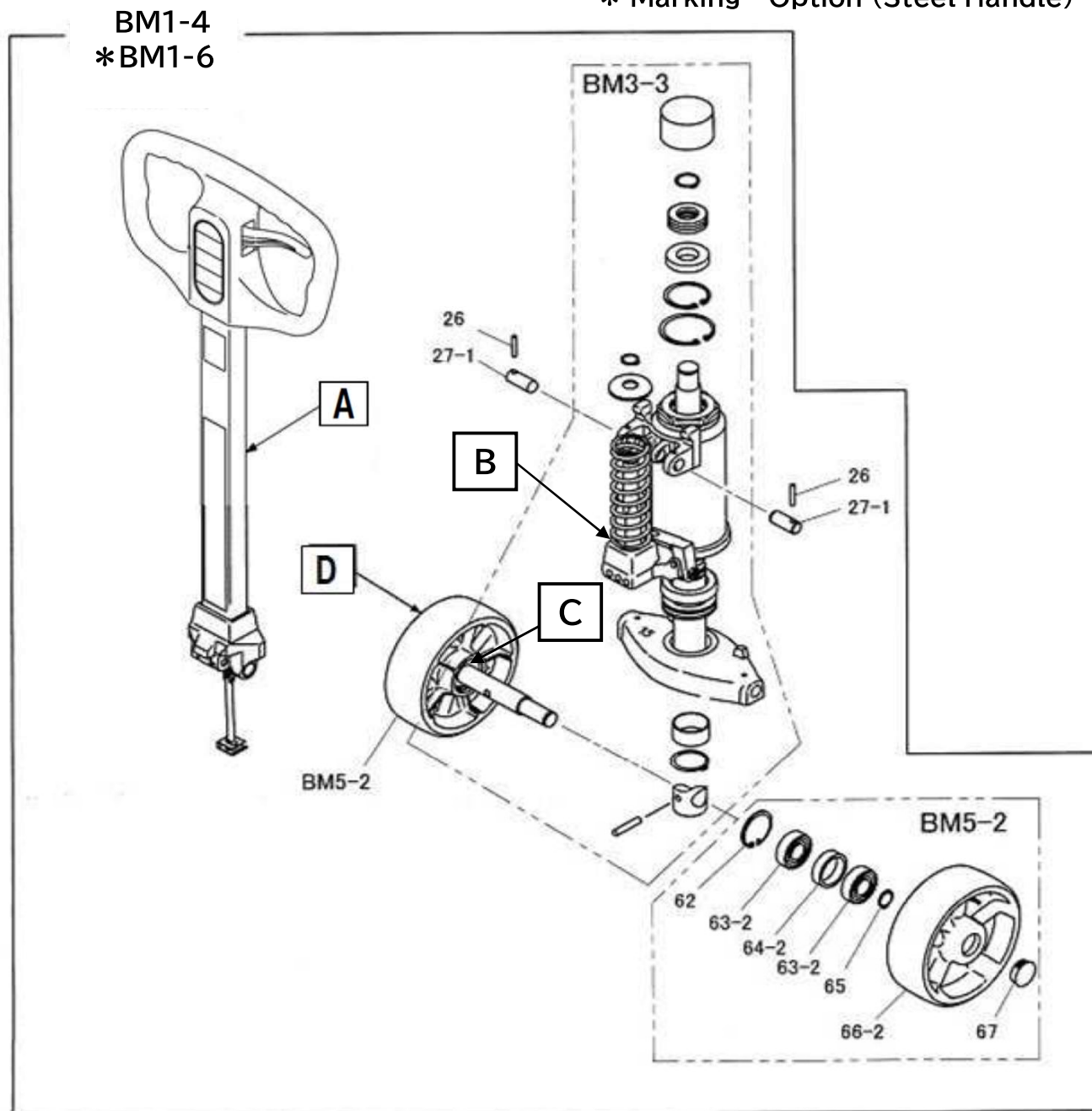
Old Model Handle (Produced before June 2003)

101	52003803	Lever Plate Cap (Red)		1	
102	90980622	Roll Pin	SRP0622	1	
103	90980514	Roll Pin	SRP0514	1	
104	12003943	Control Lever		1	
105	12003953	Neutral Lever		1	
106	N/A	Handle		1	N/A
107	12003853	Pressure Roller Axle	φ 10-43mm	1	
108	02003843	Pressure Roller Assy	With 109	1	
109	81701015	Pressure Roller Bushing	70B-1015	1	
110	90980325	Roll Pin	SRP0325	1	
111	81916201	Handle Bushing	16X20X14	2	
112	02003865	Upper Valve Bar Assy		1	
113	52003983	Lower Bar Spring		1	
114	90930708	Flat Washer (PW08SE)	Before Aug. 2001	1	
115	90931508	Hex Nut (HN08SE)	Before Aug. 2001	1	

200	N/A	Steel Handle	Replace by BM9	1	N/A
201	12005650	Control Lever (Plastic A)		1	520
202	12005660	Pipe Cover		1	320
203	90980625	Roll Pin	SRP0625	1	40
204-1	76021980	Upper Valve Bar Assy	With 201	1	970

Pump Unit Assy

* Marking - Option (Steel Handle)

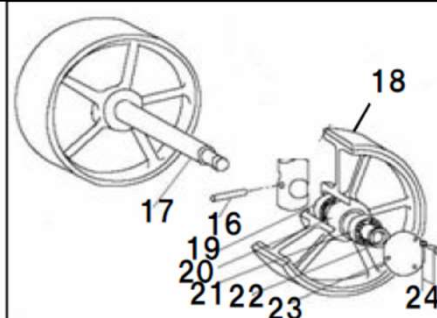


Spec. Difference of Old Model

- A - Round Pipe (Before Jun.2003)
- B - Being welded (Before Nov.1988)
- C - Collar is installed (Before Mar.1996)
- D - Wheel Dia. is more than 175Φ (Before Jun.2003)

Identify the production year from above specifications.

Old Model (May1990~Jun.2003)



Pump Unit Assy

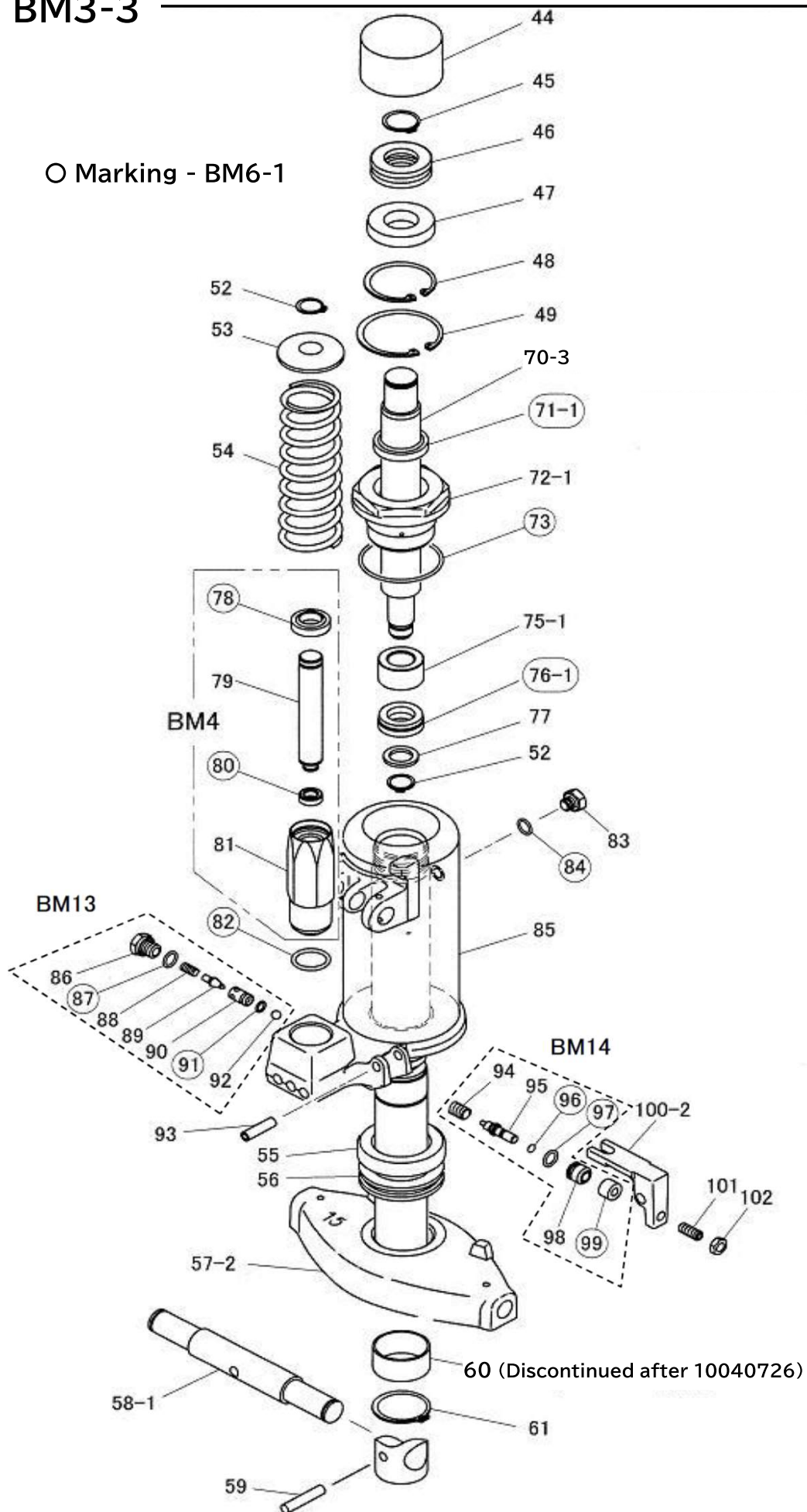
BM12-L50

Ill.No.	Part No.	Parts Name	Note	BM12-15-L50	Price/ea.
BM1-4	Ask	Pump Unit Assy with Handle & Wheels	(BM3-3·BM5-2·BM7-1·26·27-1)	1	
BM1-6	Ask	Pump Unit Assy with Steel Handle & Wheels	(BM3-3·BM5-2·BM9-1·26·27-1)	1	
BM3-3	76024100	Jack Unit Assy (Refer to Page 6~7)	New and Old not Compatable	1	
Note : BM3(Jack Unit Assy) can NOT be used for the units produced before Mar.1996. Replace by BM1 (Pump Unit Assy)					
BM5-2	76022160	Steering Wheel Assy (Black Polyurethane - 175Φ)	(62·63-2·64-2·65·66-2·67) After Jul.2003	1	
26	90820530	Spiral Roll Pin	SSRP0530	2	
27-1	12003915	Crank Pin	φ16-39.5mm	2	
62	80846030	Snap Ring	RR147	2	
63-2	81046204	Bearing (6204ZZ)	Old and New NOT Compatible	4	
64-2	52103690	Bearing Spacer	Old and New NOT Compatible	2	
65	80845011	Snap Ring	RR020	2	
66-2	24008670	Steering Wheel	Φ175x60 Black Polyurethane	2	
67	12003830	Locking Hole Plug	Old and New NOT Compatible	2	
16	90980845	Roll Pin	SRP0845	1	
17	N/A	Steering Wheel Axle		1	N/A
18	N/A	Steering Wheel (V200)	Before Apr.1990	2	N/A
	N/A	Steering Wheel (V180)	After May 1990	2	N/A
19	81036205	Bearing	6205Z	2	
20	52003743	Distance Cap	After Jun.1986	2	
21	81026304	Bearing	6304	2	
22	80845011	Snap Ring	RR020	2	
23	12003753	Hub Cap		2	
24	90890515	Hex Bolt	HBS0515SE	6	

Jack Unit Assy

BM3-3

○ Marking - BM6-1

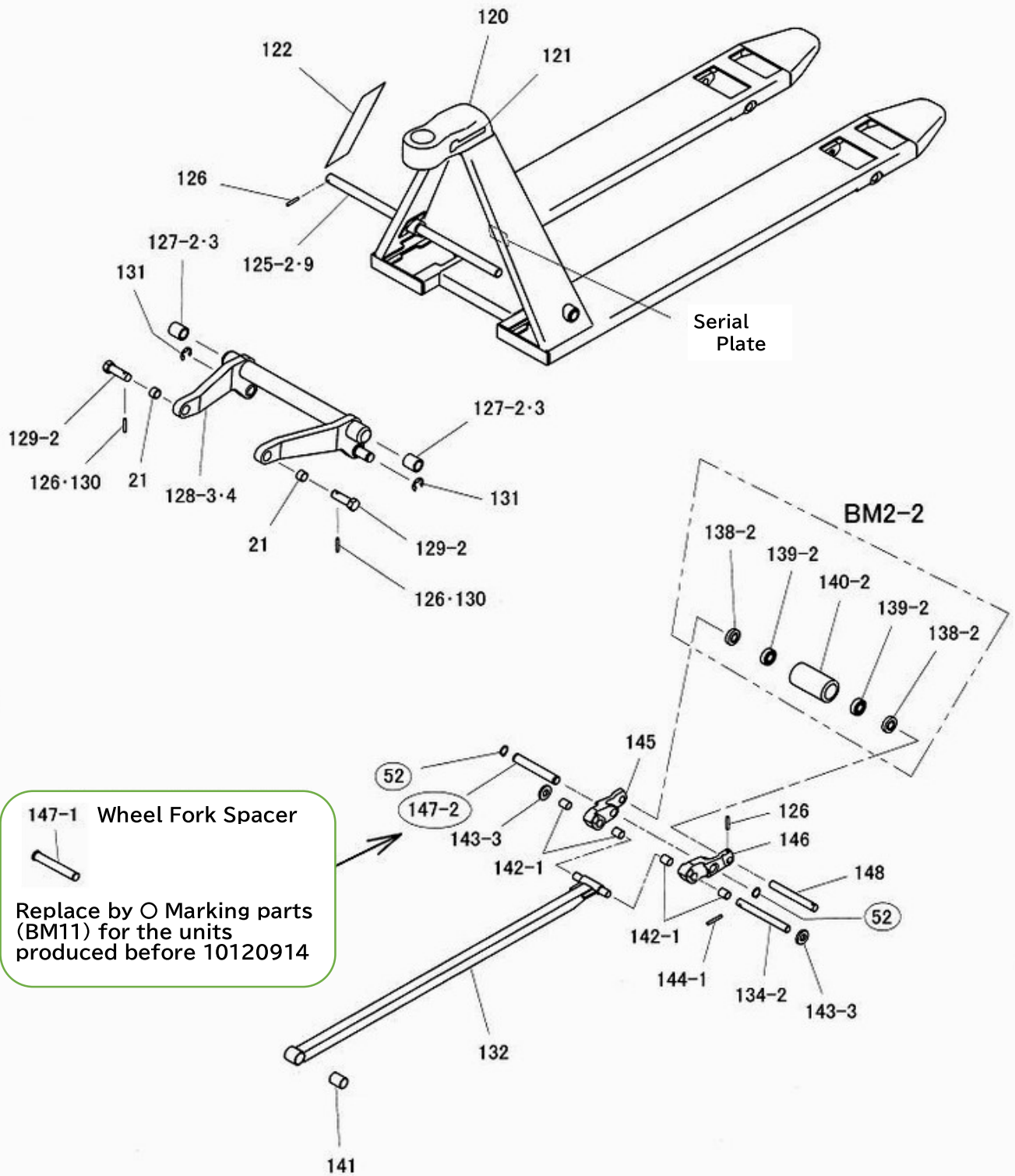


Jack Unit Assy

BM12-L50

Ill.No.	Part No.	Parts Name	Note	BM12-15 -L50	Price/ea.
BM3-3	76024100	Jack Unit Assy	Old and New Not Compatible	1	
Note : BM3(Jack Unit Assy) can NOT be used for the units produced before Mar.1996. Replace by BM1 (Pump Unit Assy)					
BM4	02003633	Pump Cylinder Assy	(78~81)	1	
BM6-1	52003703	Seal Kit	(71-1·73·76-1·78·80·82·84·87·91·96·97·99)	1	
BM13	76023210	Lowering Valve Set	86~92	1	
BM14	76023220	Pressure Pin Set	94~99	1	
44	12003604	Bearing Cap		1	
45	80845015	Snap Ring	RR025	1	
46	81251205	Thrust Bearing	51205	1	
47	12003593	Thrust Seat		1	
48	80846031	Snap Ring	RRI52	1	
49	80846037	Snap Ring	RRI63	1	
52	80848009	Snap Ring	RR018	2	
53	12003653	Thrust Washer		1	
54	52103653	Pressure Spring		1	
55	12003683	Dust Protection		1	
56	81251109	Thrust Bearing	51109	1	
57-2	12003675	Pressure Plate		1	
58-1	12003710	Steering Wheel Axle	(Old and New Not Compatible For Old Model, Replace by Assy)	1	
59	90980840	Roll Pin	SRP0840	1	
60	81940442	Bearing Bushing	Discontinued after 10040726	1	
61	80845025	Snap Ring	RR040	1	
70-3	12003563	Lift Piston		1	
71-1	52003553	Dust Seal	RSD30 (Sakagami)	1	
72-1	12003554	Top Nut		1	
73	80800128	O Ring	G60	1	
75-1	12003573	Piston Bushing		1	
76-1	52003563	U Packing	UY-35X20X12 (Sakagami)	1	
77	12003583	Retainer Washer		1	
78	52003633	Dust Seal	RSD18	1	
79	12003645	Pump Piston		1	
80	52003643	U Packing	GY-18X10X6 (Sakagami)	1	
81	12003633	Pump Cylinder		1	
82	80800023	O Ring	P24	1	
83	12003533	Plug		1	
84	80800260	O Ring	9. 5X3	1	
85	N/A	Jack		1	N/A
86	12003463	Back Valve Screw		1	
87	80800411	O Ring	JASO-1011	1	
88	52003493	Valve Spring		1	
89	12003473	Lowering Valve		1	
90	12003483	Lowering Valve Seat		1	
91	80800005	O Ring	P7	1	
92	80843022	Steel Ball	9/32A	1	
93	90980830	Roll Pin	SRP0830	1	
94	52003463	Back Valve Spring		1	
95	12003493	Pressure Pin		1	
96	80800002	O Ring	P4	1	
97	80800010	O Ring	P11	1	
98	12003503	Steering Bushing		1	
99	52003513	Sealed Rubber		1	
100-2	12302510	Lowering Lever		1	
101	90962820	Hex Socket Head Screw	HSS0820	1	
102	90930308	Hex Nut	HN08 (3) SE	1	

Frame



Frame

BM12-L50

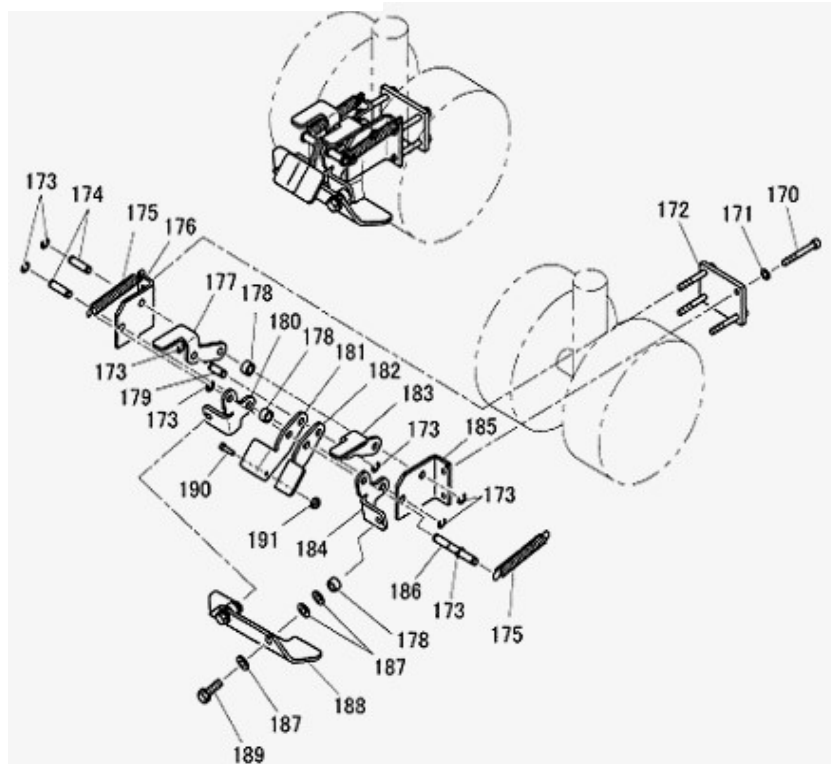
Ill.No.	Part No.	Parts Name	Note	BM12-15-L50			Price/ea.
				SS	M	LL	
BM2-2	02023334	Fork Wheel Assy (50ΦX98 W/Bearing)	(138-2X2·139-2X2·140-2)	2			
21	81916201	Arm Bushing	16X20X14	2			
52	80848009	Snap Ring	RR018	2			
120	N/A	Frame	All Models	1			N/A
121	52003300	Bishamon Label 100		1			
122	52003035	Bishamon Label 280		1			
125-2	12004243	Torsion Tube Axle (520 Width)	20φX497	1			
125-9	12026244	Torsion Tube Axle (685 Width)	22φX653		1		
126	90980532	Roll Pin	SRP0532	5			
127-2	81920283	Torsion Tube Bushing (520 Width)	20. 2X28X30	2			
127-3	81922283	Torsion Tube Bushing (685 Width)	22. 2X28X30		2		
128-3	02023204	Torsion Tube Assy (520 Width)	(With 21·127-2)	1			
128-4	02026204	Torsion Tube Assy (685 Width)	(With 21·127-3)		1		
129-2	12023704	Arm Bolt		2			
131	80847015	E Type Snap Ring	E15	2			
132-5	02020263	Push Rod Assy (25□ Center Distance 609)	BM12(15)SS-L50 (With 141)	2			
132-7	02033263	Push Rod Assy (25□ Center Distance 869)	BM12(15)M-L50 (With 141)	2			
132-9	02026263	Push Rod Assy (25□ Center Distance 1019)	BM12(15)LL-L50 (With 141)	2			
134-2	12023313	Wheel Fork Axle	15φX144	2			
138-2	12023373	Bearing Cap (Collar)		4			
139-2	81036202	Bearing	6202Z	4			
140-2	24008800	Fork Wheel	Φ50x98 (Black Polyurethane)	2			
141	81920243	Wheel Fork Bushing	20. 4X24X30	2			
142-1	81715172	Drymet Bushing	70B-1520(Oiles)	8			
143-3	12023343	Space Wheel		4			
144-1	90980540	Roll Pin	SRP0540	2			
145	02023303	Wheel Fork L Assy	(With 89)	2			
146	02023293	Wheel Fork R Assy	(With 89)	2			
147-1	N/A	Wheel Fork Spacer (Before 10120914)	Replace by BM11	2			N/A
147-2	12023384	Wheel Fork Spacer	After 10120915	2			
148	12049373	H Link Axle (Bogie Wheel FA)	15φX126	2			

Before July 2020

Option - Parking Brake • Foot Guard

※ Refer to Page 12 & 13 for the Parking Brake after Aug. 2020

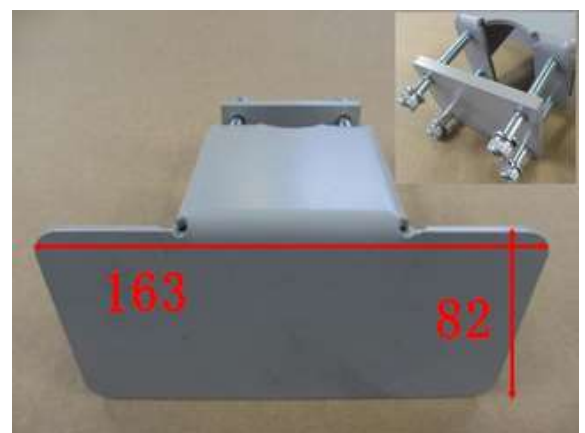
BM8-1 Parking Brake Assy



BM8-2 Parking Brake Assy with Foot Guard



BM8-3 Foot Guard Assy



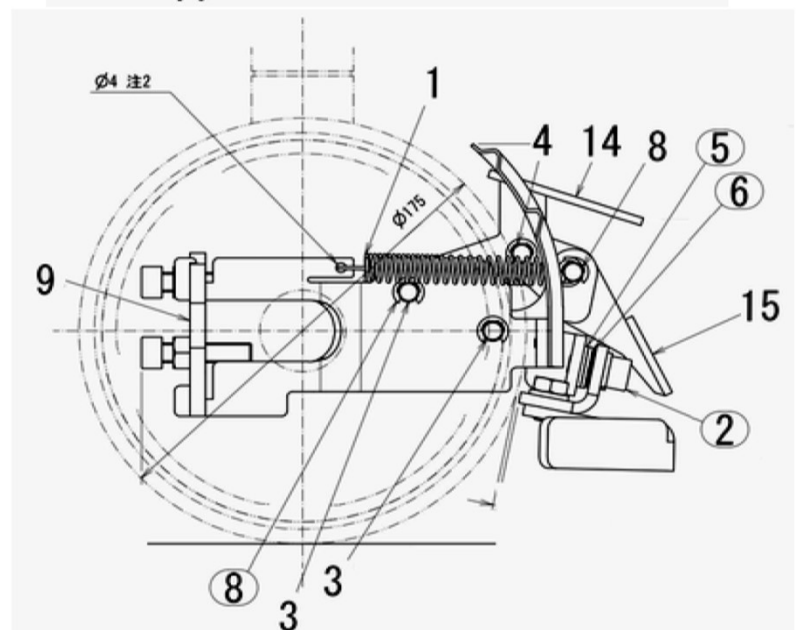
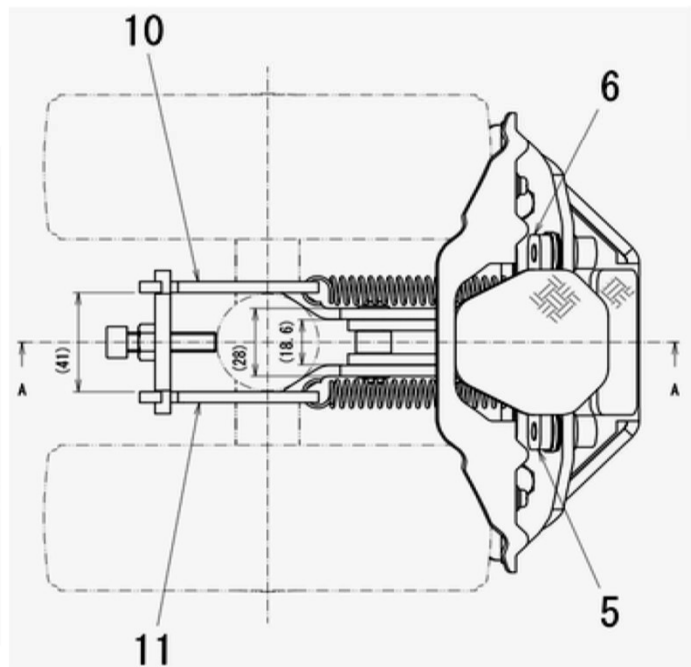
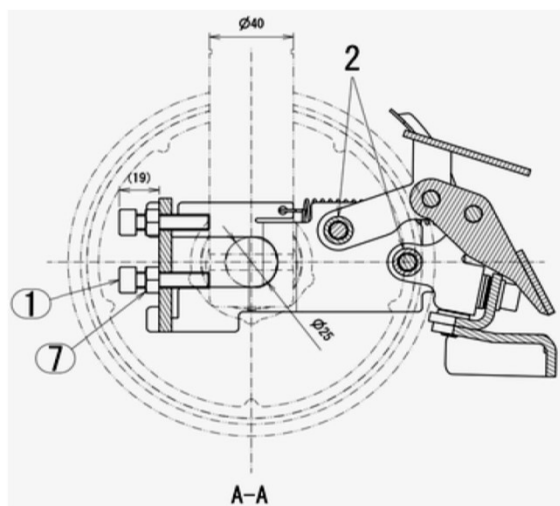
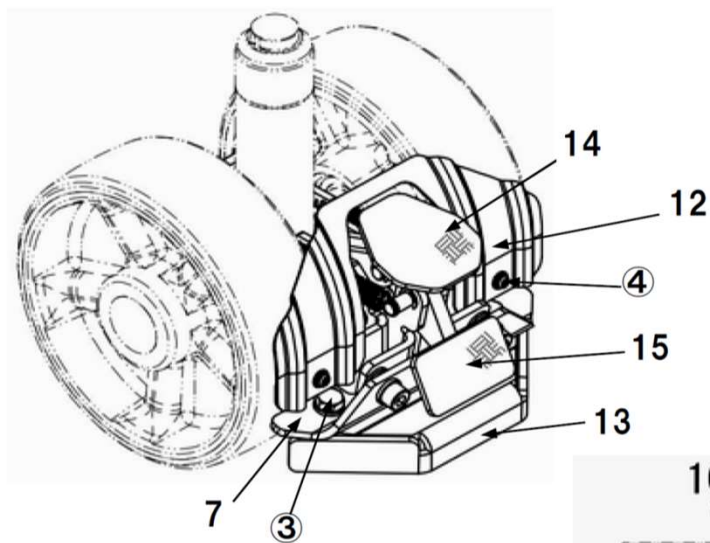
Option (Parking Brake • Foot Guard) **Before July 2020** BM12-L50

※ Refer to Page 12~13 for the information of Parking Brake produced after Aug. 2020.

Ill.No.	Part No.	Parts Name	Note	BM12-15 -L50	Price/ea.
BM8-1-1	N/A	Parking Brake Assy	(170-191) For ϕ 175 Wheel	1	N/A
BM8-1-3	N/A	Parking Brake Assy	For ϕ 180 Wheel (Old Model)	1	N/A
BM8-2-1	N/A	Parking Brake Assy with Foot Guard	For ϕ 175 Wheel	1	N/A
BM8-3-1	N/A	Foot Guard Assy (For ϕ 175 Wheel)	Z2-333 (Only Steering Wheel Cover)	1	N/A
BM8-3-3	N/A	Foot Guard Assy (For ϕ 180 Wheel)	Z2-529 (Only Steering Wheel Cover)	1	N/A
170	90920652	Hex Socket Head Bolt	HSB0650SE	4	
171	90930506	Spring Washer	SW06SE	4	
172	12005750	Support Center A		1	
173	80847009	E Type Snap Ring	E6SE	8	
174	12005721	Brake Pin M		2	
175	52005534	Brake Return Spring		2	
176	12005760	Support Side R		1	
177	12005780	Brake Pedal R		1	
178	12005710	Pedal Collar		4	
179	12005731	Brake Pin S		1	
180	12005820	Brake Arm R		1	
181	12005800	Lock Pedal R		1	
182	12005810	Lock Pedal L		1	
183	12005790	Brake Pedal L		1	
184	12005830	Brake Arm L		1	
185	12005770	Support Side L		1	
186	12005740	Brake Pin L		1	
187	90930708	Flat Washer	PW08SE	6	
188	12005702	Brake Angle	For ϕ 175 Wheel (BM12-15)	1	
189	90890825	Hex Bolt	HBS0825SE	2	
190	90920416	Hex Socket Head Bolt	HSB0416	1	
191	90932704	Hex U Nut	HUN04SE	1	

Option - Parking Brake

After Aug. 2020



Option (Parking Brake)

After Aug. 2020

BM12-L50

III. No.	Part No.	Parts Name	Note	BM12-15 -L50	Price/ea.
BM15	02006982	Parking Brake Assy	Can be installed for BM12-15-20-25-30	1	
1	52005534	Brake Return Spring		2	
2	12005710	Pedal Collar		2	
3	12005721	Brake Pin M		2	
4	12005731	Brake Pin S		1	
5	12005820	Brake Arm R		1	
6	12005830	Brake Arm L		1	
7	12006270	Brake Angle		1	
8	12006280	Brake Pin L		1	
9	12006290	Support Center		1	
10	12006300	Support Side R		1	
11	12006310	Support Side L		1	
12	12006320	Wheel Cover		1	
13	12006330	Foot Guard		1	
14	02006430	Brake Pedal		1	
15	02006450	Brake Release Pedal		1	
①	90925835	Hex Socket Head Bolt	HSB0835	2	
②	90765816	Hex Socket Head Bolt	HSBS0816	2	
③	90895812	Hex Bolt	HBS0812	2	
④	90785408	Pan Head Screw	MSRPS0408	2	
⑤	90930748	Flat Washer	PW08	4	
⑥	90930777	Flat Washer	PW08X16X0.5	6	
⑦	90929909	Hex Nut	HN08	2	
⑧	80847009	E Type Snap Ring	E6SE	8	



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