Barudan

HIGH SPEED AUTOMATIC EMBROIDERY MACHINE

BEVT - Z1201C/Z1501C

PARTS LIST

BEVT - Z1201C/Z1501C

HIGH SPEED AUTOMATIC EMBROIDERY MACHINE

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Machine layout (BEVT-Z1201C)

BEVT-Z1201C

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Machine layout (BEVT-Z1501C)

BEVT-Z1501C

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00A Table-Frame A

BEVT-Z1201C/Z1501C

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00A　Table・Frame A

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	SJ140050	Oil store(L) DYHE P=520	1	
2	SJ140040	Oil store(R) DYHE P=520	1	
3	SC140130	Table bracket	2	
4	SJ160040	Frame cover(DTHE)	4	
5	MM160071	Frame BEVT-Z1201C 450×520/520	1	
	MM160001	Frame BEVT-Z1501C 450×520/520	1	
6	A9014163	Color rubber foot(C-30-FRB-3225)	2	
7	SC140170	Support table catch stay(L)	1	
8	SC140120	Table stopper	2	
9	SC140160	Support table catch stay(R)	1	
10	A9014161	Rubber foot for pipes(C-31-5)	1	
11	SJ140120C	Table stand(DYHE)	1	
12	SJ140130	Table stand bracket(DYHE-C)	1	
13	SJ140220	Table stand fixed knob bolt	1	
14	A9019077	Caster(STT-125GU M20×40)	4	
15	SC160010	Mount base(Compact machine)	4	
16	SC160020	Vibroisolating pad(Compact machine)	4	
17	SC160030	Mount base a'ssy(Compact machine)	4	
51		Hex.socket flange bolt M6×12(Chromate)		
52		Hex.socket flange bolt M5×10(Chromate)		
53		Truss screw M5×10		
54		Hex.socket bolt M5×15(With adhesive) Black(Screw lock red)		
55		Hex.socket flange bolt M5×12		
56		Hex.socket set screw M5×20		
57		Hex.nut M20		
58		Hex.bolt M20×75		

00B Table-Frame B

BEVT-Z1201C/Z1501C

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00B　Table・Frame B

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	MM120010	Encoder service cover(DTHE)	1	
2	MM120001	Table BEVT-01C 450×520/520	1	
3	A9013070	Toggle clamp(KAKUTA No.40A)	2	
4	HM140120	Table stopper(Front)	4	
5	SC140090	Table support angle	1	
6	SC140140	Table support(L=200)	4	
7	MM140001	R-side stand table support(VT)	1	
8	SC210010	Adjust nut M10	1 6	
9	SJ140010	LH-table support bracket(DYHE)	1	
10	SC140030	LH-table support	1	
11	SC140020	RH-table support	1	
12	SJ140000	RH-table support bracket(DYHE)	1	
51		Flush screw(Under cut) M4×8		
52		Rag nut(C) M4		
53		Pierce screw M5×19		
54		Hex.socket flange bolt M6×12(Chromate)		
55		Hex.socket flange bolt M5×10(Chromate)		

01A Head-Bed A

BEVY-Y9C BEDSHE-ZQ-BS BEVS-Z12C/Z15C BEVY-Z12C/Z15C BEDLHE-Z12/ZQ-C

01A　Head・Bed A

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	HS210021	Lower shaft	1	Small bobbin 小釜
	HS210020	Lower shaft	1	Middle bobbin 中釜
2	KF220290	Lower shaft collar	1	
3	KF220230	Lower shaft metal(Front)	1	
4	HS220010	Lower shaft metal(Cylinder back side)	1	
5	HT220061	Thrust washer (Lower shaft)	1	
6	SJ220010	Lower shaft gear(Small gear,Korean)	1	
7	A9014059	Gromet MG(MG-1)	1	
8	KL220140	Oil felt C(5×25×20)	2	
9	KX250080	Throat plate set screw(Hex.socket)	7	
10	SJ210120	Cylinder bed cover,correspond barrel frame	1	
11	HS210042	Bed cover	1	
12	SJ320010	Lower shaft gear(Large gear,Korean)	1	
13	HP321090	Lower shaft connecting shaft collar	1	
14	A9011111	Needle bearing(TLA-2012Z)	1	
15	SC210000	Adjust bolt	4	
16	SC210010	Adjust nut M10	8	
17	SJ210090	Bsrrel bed(Small bobbin) correspond barrel frame	1	Small bobbin 小釜
	SJ210150	Bsrrel bed R-type(Middle bobbin) correspond barrel frame	1	Middle bobbin 中釜
18	SJ210080	Throat plate base,correspond barrel frame	1	
19	KC250482	Barrel bed cover hold spring	1	
20	KF220240	Vertical shaft metal(Upper)	1	
21	KF220700	Rotating hook HSL-ATR(M1QTS)	1	Small bobbin 小釜
	KF221040	Middle bobbin for automatic feed oil HSM-A(MQ2L)	1	Middle bobbin 中釜
22	KF220530	Bobbin	1	Small bobbin 小釜
	KF220421	Bobbin (HSM)(DBM)(For aluminum,middle bobbin)	1	Middle bobbin 中釜
23	KF221020	Bobbin case(4B19-S6-BA)	1	Small bobbin 小釜
	KF220302	Bobbin case BC-DBM(Z2)-NBL5 middle bobbin	1	Middle bobbin 中釜
24	HS210031	Barrel bed cover(Short type)	1	
25	A9012027	Hinge(TH-TN-72)	1	
51		Hex.socket set screw SM1/4 40×4		
52		Hex.socket set screw M5×6		
53		Hex.socket bolt M5×15		
54		Pan screw M3×6		
55		Screw(SM11/64 40×5)		
56		Set screw(SM11/64 40×5)		

01B Head-Bed B

BEVT-Z1201C/Z1501C

01B Head·Bed B

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	HP321720C	Encoder driving gear No.2	1	
2	MM310100	Encoder retainer(DTHE)	1	
3	MF510000	Encoder(With circle bracket) (TS5307N510) (TS5307N562)	1	
4	SC250080	Encoder safety cover	1	
5	HP321710C	Encoder driving gear No.1	1	
51		Hex.socket set screw M4×8		
52		Hex.socket bolt M6×15		
53		Hex.socket bolt M4×12		
54		Hex.socket set screw M5×5		

02A Thread cut A

BEVY-Y9C BEDSHE-ZQ-BS

BEVS-Z12C/Z15C BEVY-Z12C/Z15C BEVT-Z1201C/Z1501C BEDLHE-Z12/ZQ-C

02A Thread cut A

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	SJ270121	Throat plate a'ssy(With lower thread support) Barrel frame correspondence	1	
2	KX250080	Throat plate set screw(Hex.socket)	2	
3	HT270182	Lower thread support stay(Cylinder) CMP	1	
4	SJ270020	Cylinder throat plate Barrel frame correspondence	1	
5	SJ270040	Fixed knife barrel frame correspondence	1	
6	KX270010	Fixed knife set screw	1	
7	SJ270030	Driving knife barrel frame correspondence	1	
8	A9013066	Wave washer(WW5)(SK)	1	
9	KN272010	Lower thread knife rotary shaft	1	
10	HS210111	Lower thread knife drive rod A	1	
11	HS210121	Lower thread knife drive rod B	1	
12	HS210100	Lower thread knife drive lever upper	1	
13	HS210051	Hook fixed stay(Short type)	1	
14	HS210300	Hook(Cylinder MK5)	1	
15	KC271001	Upper thread knife rotary shaft	1	
16	HS210070	Hook drive rod	1	
17	A9056040	Rotary solenoid 3ER25-30×3×8×9(24V)	1	
18	SJ210040	Solenoid stay(Short small bobbin)	1	
	HS210060	Solenoid stay(For middle bobbin)	1	
19	KN272401	Stopper eccentric	2	
20	KC271940C	Soleroid lever A	1	
21	HS210080	Connecting clamp	1	
22	A9011284	DU bush with flange(K5F0606-12)	2	
23	HS210090	Knife lever rotary shaft	1	
24	KN271560C	Knife lever	1	
25	HM270000	Connecting bar clamp	1	
26	KX270000	Rotating hook bobbin case holder position bracket	1	
27	KX270430	Screw(Cylinder)	1	
28	SJ270110	Lower thread support hook and loop fastener (For cylinder)	1	
51		Pan screw M3×3		
52		Hex.nut M3		
53		Hex.socket bolt M4×6		
54		Hex.socket bolt M4×8(With plain washer)		
55		Hex.socket bolt M4×18		
56		Hex.socket bolt M4×10		
57		Hex.socket bolt M3×5		
58		Hex.nut M4		
59		Hex.socket set screw M5×6		
60		Hex.socket bolt M4×8		
61		Hex.socket flush screw M4×6		

02B Thread cut B

BEVT-Z1201C/Z1501C

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02B Thread cut B

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	MM270060	Thread cutter drive cover(DTHE)	1	
2	A9052078	Micro switch(D2VW-01L2A-1)	1	
3	A9012001	Uniball joint(RD4020R)	1	
4	MM270040	Thread cutter lever connecting rod(DTHE)	1	
5	HP482260	H-support roller fixed collar	1	
6	MM270030	Thread cutter drive cam(DTHE)	1	
7	MM270020	Thread cutter motor bracket(DTHE)	1	
8	MM270050	Switch hold plate(DTHE)	1	
9	MF510020	Color change· Thread cut motor(TS3617N3E9)	1	
51		Truss screw M6×10		
52		Hex.socket bolt M3×18(With washers)		
53		Hex.socket bolt M5×26(With washers)		
54		Hex.nut M5		
55		Hex.socket bolt M4×6		
56		Flush screw M3×8		

02C Thread cut C

BEDSH-ZF/ZN/Z12/ZQ-BS
BEDRH-ZF/ZN/Z12/ZQ-BS

BEDSHE-ZQ-BS BEVS-Z9/Z12/Z15 BEVS-Z12C/Z15C BEDYH-Z12/ZQ BEDYH-Z12-C
BEDLH-Z12/ZQ BEDLH-Z12-C

BEVY-Z12/Z15 BEVY-Z12F BEVY-Z12C/Z15C BEVT-Z1201C/Z1501C BEDLHE-Z12/ZQ-C

02C Thread cut C

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	A9056041	Rotary solenoid 4ER45-28×3×8×9 (24V)	1	
2	KL270260C	Switch stay	1	
3	A9052028	Proximity switch(RS-603)	1	
4	SG270081	Thread away base	1	
5	KN272401	Stopper eccentric	1	
6	SG270090	Thread away solenoid lever	1	
7	KL270450	Hook guide plate	1	
8	KL270091	Thread away hook guide	1	
9	KL270101	Thread away hook	1	
10	KL270131C	Lever connecting pin	2	
11	KL270120C	Connecting plate	1	
12	KX270070	Thread guard disk spacer	2	
13	SG270040	Thread guard disk bracket upper	1	Z12
	RD270040	Thread guard disk bracket upper	1	Z15
14	SG270100	Napped plate	2	Z12
	RD270020	Napped plate	2	Z15
15	SG270030	Thread guard disk bracket(Z12)	1	Z12
	LA270080	Thread guard disk bracket(ZQ-A)	1	Z15
51		Truss screw M3×10		
52		Truss screw M3×6(With plain washer)		
53		Hex.socket bolt M4×12(Spring washer)		
54		Hex.nut M4(With spring washer)		
55		Truss screw M4×16		
56		Hex.socket set screw M4×8		
57		Truss screw M3×8		
58		Truss screw M4×12		

03 Take up lever

BEDSHE-ZQ-BS BEVS-Z12C/Z15C BEDYH-Z12/ZQ
BEDLH-Z12/ZQ

BEDYH-Z12-C BEVY-Z12/Z15 BEVY-Z12F/Z15F
BEDLH-Z12-C

BEVY-Z12C/Z15C BEVT-Z1201C/Z1501C BEDLHE-Z12/ZQ-C

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03 Take up lever

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	RV230070	Take up lever driving lever a'ssy	1	
2	RH230801	Take up lever driving lever(Metal)	1	
3	RH230311	Take up lever driving lever	1	
4	RH230810	Take up lever metal	1	
5	KF230501	Take up lever roller a'ssy	1	
6	KF230680	Cam followers(KR×4×7.9×15-1P×1)	1	
7	HB230650	Flush screw(With adhesion)	1	
8	RV230060	Take up lever driving roller	1	
9	RD230130	Take up lever driving roller shaft	1	
10	HB230800	Take up lever drive lever fixed pin set collar	1	
11	RH230610	Thrust washer	1	
12	SL230130	Arm reinforcement bracket	1	
13	RH230320	Take up lever driving lever fixing pin	1	
14	SL210081	Arm	1	
15	SG230350	Take up lever·Needle bar drive a'ssy	1	
16	RN230010	Needle bar driving cam a'ssy	1	
17	RN230030	Bearing case a'ssy	1	
18	RN230020C	Needle bar driving cam(Eccentric 9.2 φ20)	1	
19	RN230040	Bearing case	1	
20	A9010073	Ball bearing(6005ZZ)	1	
21	A9012421	C-ring for hole φ47	1	
22	HB230080C	Washer for cam(2)	1	
23	HB230070C	Washer for cam(1)	1	
24	SG230340	Take up lever cam H6RN(φ20)	1	
25	HB230620	Flush screw	3	
26	RH230300	Take up lever cam base	1	
27	RH230280	Needle bar crank rod	1	
28	RH230271	Needle bearing	1	
29	RH230330	Needle bar driving cam set collar	1	
30	SJ250240	Side cover(First head) DYHE	1	
51		Hex.socket set screw M4×4(With adhesion)		
52		Hex.nut M4(With spring washer)		
53		Hex.socket bolt M4×10(With washers)		
54		Hex.socket set screw M5×5		
55		Hex.socket bolt M8×25		
56		Disc spring 8		
57		Hex.socket bolt M4×15(With washers)		
58		Hex.socket bolt M4×8		
59		Hex.socket bolt M5×18		
60		Truss screw M5×8		

04A-1 Needle bar A(Z12)

BEDSH-Z12-BS BEVS-Z12 BEVT-Z1201C BEDLHE-Z12-C01
BEDRH-Z12-BS

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04A-1 Needle bar A(Z12)

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	SG230330	Slide block a'ssy	1	
2	RD230480	Needle bar a'ssy	1 2	
3	RD230490	Needle bar guide	1 2	
4	RH230410	Needle bar	1 2	
5	KV230040	Needle bar spring(Upper,for thick type)	1 2	
6	HT230330	Cloth hold set clamp	1 2	
7	HT230263	Washer for set clamp	1 2	
8	SG230220	Needle bar spring lower	1 2	
9	RD230370	Cloth hold(ZQ4)	1 2	
10	KF230910	O-ring(AN6227-5)	1 2	
11	HT230120	Washer 2.4	1 2	
12	RH230440	Needle clamp(With hook,set screw)	1 2	
13	RH230460	Needle clamp screw	1 2	
14	RH230450	Needle clamp(With hook)	1 2	
15	FN070011SNY	Needle(DBXK5-NY11S)	1 2	
16	SG230230	Take up lever spacer(t=6.1)	2	
17	KX230152	Take up lever(ZN multi)	1 2	
18	KX230141	Take up lever spacer	1 0	
19	RD230201	Take up lever spacer collar	1	
20	SG230040	Needle bar stocker	1	
21	A9014167	O-ring SS065	2 4	
22	SG230070	Needle bar base	1	
23	SG230150	Needle bar felt	1	
24	SG230140	Take up lever shaft(Z12)	1	
25	SG230200	Take up lever collar(Z12)	2	
26	SG230360	Slide block set (For color change connecting head)	1	
27	SG230060	Slide block	1	
28	SG230110	Bearing plate	1	
29	SG230410	Take up lever stocker(Z12)	1	
30	SG230390	LM-guide(Z12)	1	
51		Hex.socket double point screw M4×4		
52		Hex.socket bolt M3×8		
53		Hex.socket set screw M4×4		
54		Truss screw M4×8		
55		Hex.socket bolt M3×35		
56		Hex.socket bolt M4×12		
57		Hex.socket set screw M4×8		
58		Hex.socket bolt M4×10		
59		Hex.socket flush screw M3×14		
60		Hex.nut M4(With washers)		
61		Hex.socket bolt M4×14		

04A-2 Needle bar A (Z15)

BEDSH-ZQ-BS BEVS-Z15 BEVT-Z1501C BEDLHE-ZQ-C01
BEDRH-ZQ-BS

04A-2 Needle bar A(Z15)

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	RD230480	Needle bar a'ssy	15	
2	RD230490	Needle bar guide	15	
3	RH230410	Needle bar	15	
4	KV230040	Needle bar spring(Upper,for thick type)	15	
5	HT230330	Cloth hold set clamp	15	
6	HT230263	Washer for set clamp	15	
7	SG230220	Needle bar spring lower	15	
8	RD230370	Cloth hold(ZQ4)	15	
9	KF230910	O-ring(AN6227-5)	15	
10	HT230120	Washer 2.4	15	
11	RH230440	Needle clamp(With hook,set screw)	15	
12	RH230460	Needle clamp screw	15	
13	RH230450	Needle clamp(With hook)	15	
14	FN070011SNY	Needle(DBXK5-NY11S)	15	
15	SL230070	Take up lever shaft(ZQ6)	1	
16	SL230011	Slide block set (For color change connecting head)	1	
17	SL230021	Slide block	1	
18	RD230060	Bearing plate	1	
19	SL230031	Needle bar base	1	
20	SG230200	Take up lever collar(Z12)	2	
21	SG230230	Take up lever spacer(t=6.1)	2	
22	KX230152	Take up lever(ZN multi)	15	
23	KX230141	Take up lever spacer	13	
24	RD230201	Take up lever spacer collar	1	
25	SL230040	Needle bar stocker(ZQ6)	1	
26	A9014167	O-ring SS065	30	
27	SL230080	Needle bar felt	1	
28	SL230090	Slide block sim	1	
29	RV230180	Take up lever stocker	1	
30	SL230140	LM-guide(ZQ6)	1	
51		Hex.socket double point screw M4×4		
52		Hex.socket bolt M3×8		
53		Hex.socket set screw M4×4		
54		Hex.socket set screw M4×8		
55		Hex.socket bolt M4×10		
56		Hex.socket flush screw M3×14		
57		Truss screw M4×8		
58		Hex.socket bolt M3×35		
59		Hex.socket bolt M4×12		
60		Hex.socket bolt M5×15(With washers)		
61		Hex.socket bolt M4×14		

04B Needle bar B

BEDSH-ZF/ZN/Z12/ZQ-BS BEDSHE-ZQ-BS BEVS-Z9/Z12/Z15
BEDRH-ZF/ZN/Z12/ZQ-BS

BEVS-Z12C/Z15C BEDYH-Z12/ZQ BEDYH-Z12-C
BEDLH-Z12/ZQ BEDLH-Z12-C

BEVY-Z12/Z15 BEVY-Z12F BEVY-Z12C/Z15C BEVT-Z1201C/Z1501C BEDLHE-Z12/ZQ-C

04B Needle bar B

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	SG230170	Driving shaft	1	
2	RD230150	Driving shaft bush upper(BEMAX)	1	
3	HT230750	Oil core(30mm)	1	
4	HT230471	Small link pin	1	
5	HT230491	Link(Small)	1	
6	HT230730	Shim ring(φ10 t=0.3)	1	
7	A9012127	E-ring(φ3)	2	
8	KF230530	Roller(For take up lever)	2	
9	HT230450	Link roller joint pin	1	
10	HT230760	Oil core(8mm)	1	
11	HB230200	Needle bar driving link	1	
12	HT230510	Needle bar driver slide block	1	
13	SG230180	Link roller joint pin(Large)	1	
14	HT230480	Link(Large)	1	
15	SG230190	Washer for joint pin	1	
16	SG230031	Cloth hold support slide block	1	
17	SG230000	Oil receive plate	1	
18	HT230340	Cloth hold support rubber	1	
19	HT230290	Needle bar beat fixing base	1	
20	HT230520	Needle bar driving stopper	1	
21	A9012368	Spacer(Roll bush)	1	
22	RH230550	Shim ring	1	
23	RH230540	Needle bar driver	1	
24	HT230280	Needle bar driver pin	1	
25	HT230560	Needle bar driver return spring	1	
26	A9012415	Double point screw M6×7(P0.75)	2	
27	SL230180	Driving shaft bush(Lower)	1	
28	LA230140	Bearing guide	1	
29	SG230300	Bearing pin	1	
30	A9010065	Ball bearing 686zz	1	
51		Hex.socket set screw M4×10		
52		Hex.socket set screw M4×6(With nylon)		
53		Hex.nut M4		
54		Hex.socket bolt M4×12(With washers)		
55		Hex.socket button bolt M3×6		
56		Hex.socket set screw M4×4(With nylon)		
57		Hex.Socke bolt M2.5×6		
58		Hex.socket bolt M4×15(With washers)		
59		Hex.socket bolt M4×6(With washers)		
60		Hex.socket set screw(Dog point) M4×12		

04C Needle bar C

BEDSH-ZF/ZN/Z12/ZQ-BS
BEDRH-ZF/ZN/Z12/ZQ-BS

BEDSHE-ZQ-BS BEVS-Z9/Z12/Z15

BEVS-Z12C/Z15C BEDYH-Z12/ZQ BEDYH-Z12-C
BEDLH-Z12/ZQ BEDLH-Z12-C

BEVY-Z12/Z15 BEVY-Z12F BEVY-Z12C/Z15C

BEVT-Z1201C/Z1501C BEDLHE-Z12/ZQ-C

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04C Needle bar C

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	HT230590	Lever pin block	1	
2	RR230090	Needle bar driving lever set(P25.65)	1	
3	HB230271	Needle bar driving lever fixing pin set collar	1	
4	RR230080	Needle bar driving lever(P25.65)	1	
5	HB230361	Needle roller with retainer(KV8×11×10SV2)	2	
6	HB230281	Needle bar driving lever fixing pin collar	1	
7	HT230410	Needle bar driving lever fixing pin	1	
8	HB230261	Needle bar driving lever connecting pin	1	
9	HB230220	Needle bar driving lever pin(B)	1	
10	SG230270	Cam guide plate	1	
11	SG230210	Cloth hold cam(K3)	1	
12	MK230080	Cam tap plate	1	
13	MM270000	Thread support a'ssy(24V) DTHE	1	
14	SG270050	Thread support base	1	
15	A9014166	Plug cushion rubber TM-96-6	1	
16	SG270060	Thread support lever	1	
17	SG270070	Thread support link	1	
18	A9012127	E-ring(φ3)	2	
19	SG270120	Thread support return spring	1	
20	SG270110	Thread support lever pin screw	1	
21	KC270101	Solenoid pin	1	
22	A9056042	Keep solenoid(24V) TDS-K10SL-368	1	
51		Hex.socket set screw M4×4(With nylon)		
52		Hex.socket bolt M4×12(With washers)		
53		Hex.socket set screw M5×5		
54		Hex.nut M6(With spring washer)		
55		Hex.socket bolt M4×14(With adhesive)		
56		Hex.socket bolt M4×8(With washers)		
57		Hex.socket bolt M4×15(With washers)		
58		Hex.socket set screw M5×8		
59		Hex.socket bolt M3×6(With washers)		
60		Hex.nut M4		

04D Needle bar D

BEVT-Z1201C/Z1501C

BEDLHE-Z12/ZQ-C01

04D Needle bar D

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	RV250070	Arm upper cover	1	
2	SG230160	Slide block fixed plate	1	Machine shipment remove
3	SG230280	Oil save felt	1	
4	PF250000	Head cover(Z12)	1	Z12
	PG250000	Head cover(Z15)	1	Z15
5	SG240000	Thread guard(With ceramic)	1	Z12
	RD240271	Thread guard(With ceramic)	1	Z15
6	SG270170	Thread support apron a'ssy	1	Z12
	SL270000	Thread support apron a'ssy	1	Z15
7	SG270010	Thread support apron	1	Z12
	SL270010	Thread support apron	1	Z15
8	SG270140	Thread support apron spacer	2	
9	SG270130	Thread support pin	1 2	Z12
			1 5	Z15
10	SG270000	Thread support clamp	1 2	Z12
			1 5	Z15
11	HT270063	Thread support clamp set screw	1 2	Z12
			1 5	Z15
12	SG270180	Thread support spring	1 2	Z12
			1 5	Z15
13	SG270150	Thread holder spring support	1	Z12
	SL270030	Thread holder spring support	1	Z15
14	SG270160	Thread holder spring	1	Z12
	SL270020	Thread holder spring	1	Z15
15	SL270040	Thread holder spring fixed screw	3	
16	SL250081	Cap cover set 2	1	
17	SG250060	Oil holder felt	1	
18	SL250091	Cap cover 2	1	
19	A9014168	Brass rivet φ2×11.5(Brass)	4	
20	SL250230	Head left cover	1	
51		Truss screw M5×6		
52		Hex.socket bolt M5×10		
53		Pan screw M3×8		
54		Truss screw M4×12		
55		Hex.socket bolt M4×6(With plain washer)		
56		Hex.socket bolt M4×25(With washers)		

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05 Jump

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	A9056039	Rotary solenoid 3ER35-30×3×8×9(24V)	1	
2	SG230260	Needle bar stopper fixing bracket	1	
3	MH230161	Indication plate	1	
4	HT230220	Needle bar stopper	1	
5	HT230620	Needle bar stopper fixing pin	1	
6	RD230250	Jump solenoid fixing bracket	1	
7	HB240020	Jump solenoid lever	1	
8	HB240030	Jump solenoid lever pin	1	
9	HB240041	Jump eccentric	2	
51		Hex.socket button bolt M4×8		
52		Hex.nut M4		
53		Hex.socket button bolt M4×6		
54		Hex.socket bolt M5×16(With washers)		
55		Hex.socket set screw M4×4(With adhesion)		
56		Hex.socket bolt M4×8		
57		Hex.socket bolt M4×12(With plain washer) (With adhesion)		

06-1 Thread guide(Z12)

BEVT-Z1201C

060425

06-1 Thread guide(Z12)

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	PN240010	Tension base cover(VY-Z12)	1	
2	SG240040	Upper part thread guide plate(DSH-Z12)	1	
3	RR240300C	Tension a'ssy(DS)	1 2	
4	HT240290	Tension wheel a'ssy	1 2	
5	RR240510	Thread spring adjusting plate	1 2	
6	RD240154	Dial tension a'ssy	1 2	
7	MQ240010	Tension base a'ssy(VT-Z1201C)	1	
8	SG240050	Thread guide plate upper(DSH-Z12)	1	
9	SG240060	Thread guide plate lower(DSH-Z12)	1	
10	PF240010	Tension base case a'ssy(VS-Z12)	1	
11	SG240110	Sponge rubber(DSH-Z12)	1	
12	MM240030	Second thread guide plate lower(DTHE-Z12)	1	
13	KN540510	Tension wheel nut	1 2	
14	HT240101	Lower thread detection sensor disk(YN)	1 2	
15	EBY02600	8580· switch board with thread detection	1	
16	A9068032	FCW clamp(FCW-26)	1	
17	RR240330	Switch board fixed base(DS)	2	
18	HT240180	SM-nut	1 2	
19	SG240080	Tension earth plate(DSH-Z12)	1	
20	SG240100	Tension base bracket· L(DSH-Z12)	1	
21	SG240090	Tension base bracket· R(DSH-Z12)	1	
22	FA999052	Hex.nut SM11/64(With washers)	1 2	
51		Flush screw M3×8		
52		Truss screw M3×5		
53		Flush screw M4×8		
54		Hex.socket bolt M2×3		
55		Pan screw M3×4		
56		Pan head tapping screw B tight M3×8		
57		Pan screw M4×6		
58		Pan head tapping screw B tight M3×5		
59		Truss screw M4×10		
60		Hex.socket bolt M5×15(With washers)		

06-2 Thread guide(Z15)

BEVT-Z1501C

06050

06-2 Thread guide(Z15)

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	RV240100	Felt frame(DSH-ZQ)	1	
2	RV240110	Felt(DSH-ZQ)	1	
3	PG240040	Thread collar base(VS-Z15)	1	
4	A9012438	Felt hold spacer(DSH-ZQ)	2	
5	RD240154	Dial tension a'ssy(DS)	1 5	
6	RR240510	Thread spring adjusting plate	1 5	
7	HT240290	Tension wheel a'ssy	1 5	
8	RR240300	Tension a'ssy(DS)	1 5	
9	KN540510	Tension wheel nut	1 5	
10	HT240101	Lower thread detection sensor disk(YN)	1 5	
11	HT240180	SM-nut	1 5	
12	MQ240000	Tension base a'ssy(VT-Z1501C)	1	
13	PG240010	Tension base case a'ssy(VS-Z15)	1	
14	RV240040	Thread guide plate upper(DSH-ZQ)	1	
15	RV240050	Thread guide plate lower(DSH-ZQ)	1	
16	RV240091	Sponge rubber(DSH-ZQ)	1	
17	MM240010	Second thread guide plate(DTHE-ZQ)	1	
18	EBY02610	8560· switch board with thread detection	1	
19	RV240180	Tube holder(D-ZQ)	1	
20	RR240330	Switch board fixed base	2	
21	PP240010	Tension base cover(VY-Z15 1st head)	1	
22	A9068032	FCW clamp(FCW-26)	1	
23	RV240081	Tension base bracket· L(DSH-ZQ)	1	
24	RV240071	Tension base bracket· R(DSH-ZQ)	1	
25	PG240030	Thread collar base a'ssy(VS-Z15)	1	
51		Flush screw M3×8		
52		Truss screw M3×14		
53		Truss screw M3×5		
54		Hex.nut SM11/64(With washers)		
55		Hex.socket bolt M2×3		
56		Flush screw M4×8		
57		Pan screw M3×4		
58		Pan head tapping screw B tight M3×8		
59		Hex.nut M4 I		
60		Truss screw M4×10		
61		Hex.socket bolt M5×15(With washers)		

07 Color change

BEVT-Z1201C/Z1501C

060428

07 Color change

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	MM330050	Color change cover(DTHE)	1	
2	MM330040	Color change bracket(DTHE)	1	
3	MG330090	Manual connecting shaft	1	
4	MM330030	Color change motor bracket(DTHE)	1	
5	MG330110	Color change motor(TS3617N111E24)	1	
6	MG330040	Color change cam connecting shaft	1	
7	MG330030	Color change cam	1	
8	A9010109	Polyester slider(STW-FT150)	1	
9	MM330020	Color change base(DTHE)	1	
10	A9011285	DU bush with flange(K5F1510-23)	1	
11	MG330080	Color change set collar	1	
12	MF510010	Potentiometer(M-22E10-050)	1	
13	MG330070	Potentiometer fixed plate	1	
14	A9012127	E-ring φ3	7	Z12
			8	Z15
15	A9010063	Miniature bearing	7	Z12
			8	Z15
16	KX330160	Connecting roller shaft	7	Z12
			8	Z15
17	MM330080	Connecting block(Z12)	1	Z12
	MG330010	Connecting block(ZQ)	1	Z15
18	MM330070	Color change connecting base plate(DTHE-Z12)	1	Z12
	MM330010	Color change connecting base plate(DTHE)	1	Z15
51		Truss screw M5×8		
52		Hex.socket bolt M6×20		
53		Hex.socket bolt M4×8(With nylon)		
54		Hex.socket bolt M4×12(With washer)		
55		Hex.socket bolt M3×6(With washer)		
56		Hex.socket set screw(Flat point) M4×10		
57		Hex.socket bolt M5×16		
58		Hex.socket set screw(Cup point) M6×8		
59		Hex.socket bolt M6×25		
60		Hex.nut M6 III		
61		Hex.socket bolt M5×18		

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08 Drive

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	A9010003	Bearing 6001ZZ	2	
2	RQ310000	Idler	1	
3	A9012063	C-ring(For hole φ28)	1	
4	SC310021	Idler shaft	1	
5	SC310030	Idler bracket	1	
6	SC310150	Tension bracket	1	
7	MM310040	Motor pulley(S5M-18) 15 wide	1	
8	MM310060	Main motor base(DTHE)	1	
9	EDY00010	Main shaft motor 200V(DTHE) Matsushita	1	
10	A9020220	Bear back timing belt B150S5M1420	1	
11	MM310030	Lower shaft timing pulley(S5M-48) 15 wide	1	
12	A9011270	Flange unit UCFL202E4	1	
13	MM310070	Angle instructions plate(DTHE)	1	
14	MM310010	Lower shaft(DTHE) φ15×778L	1	
15	MM310090	Rotary angle label(DTHE)	1	
16	MM310020	Upper shaft timing pulley(S5M-48) 15 wide	1	
17	MM310050	Upper shaft hold spacer(DTHE)	1	
18	A9011129	Pillow unit UCP202E4	1	
19	MM310000	Upper shaft(DTHE) φ20×743L	1	
20	MM310080	Pulley box(DYHE)(DTHE)	1	
21	MQ250000	Shaft mogol & cover(VT-01C)	1	
51		Hex.socket bolt M8×35(Black)		
52		Hex.bolt M6×60(Full screw)		
53		Hex.socket bolt M8×20(Black)		
54		Hex.socket bolt M6×15(Chromate)		
55		Hex.nut M6		
56		Hex.socket bolt M5×8(Black)		
57		Hex.socket bolt M6×14		
58		Hex.socket bolt M6×16		
59		Hex.socket bolt M5×8		
60		Hex.socket bolt M8×25		
61		Truss screw M5×6		
62		Truss screw M5×10		
63		Hex.socket bolt M8×40		

10A Pantograph drive A

BEVT-Z1201C/Z1501C BEDLHE-Z12/ZQ-C01

060425

10A Pantograph drive A

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	KF730760	Clip(150L)	4	
2	KF730750	Clip(300L)	4	
3	A9012437	Knob nut(φ32 M6 tap hole)	2	
4	SC730041	Pantograph fixing plate	2	
5	SC730030	Pantograph fixed spacer B	2	
6	MM730000	Pantograph frame(For C01,450×520)	1	
7	MM730010	Pantograph a'ssy(C01,450×520)	1	
51		Truss screw M4×20		

10B Pantograph drive B

BEVT-Z1201C/Z1501C BEDLHE-Z12/ZQ-C

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10B Pantograph drive B

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	FR92460434A520S	Square pantograph a'ssy(460×434)	1	
2	SC730092	Product pantograph stay a'ssy for compact mashine	2	
3	LA730650	Product pantograph hold spring	2	
4	LA730610	Positioning pin	4	
5	LA730630	Slide plate	2	
6	LA730590	Pantograph stay main body	2	
7	SC730102	Stay bracket for compact mashine	2	
8	SC730111	Spacer	2	
9	A9012437	Knob nut(φ32 M6 tap hole)	2	
51		Truss screw M3×10		
52		Truss screw M4×10		
53		Hex.socket set screw M3×8(With nylons)		

10C Pantograph drive C

BEVT-Z1201C/Z1501C BEDLHE-Z12/ZQ-C01

10C Pantograph drive C

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	MM250020	V-ball spline cover(DTHE)	1	
2	A9068030	Bushing NW-7RP	1	
3	SC480330	H-rail base fixed stay(Rear)	1	
4	A9011243	Bearing unit(UFL002C)	1	
5	A9011244	Bearing unit(UFL002D)	1	
6	SJ480010	H-rail base(ST=450) DYHE	1	
7	SC480210	H-rail base fixed stay(Front)	1	
8	SC250040	H-rail frout cover	1	
9	SC250070	H-rail side cover	2	
10	SC480040	LM guide(540L)	1	
11	RP480201	Pulley stopper	1	
12	HH481980	φ19 clamp	1	
13	SJ480000	Pantograph drive pulley(16 tooth)	1	
14	SC480020	Timing belt MA5	1	
15	HP482940	Timing belt set rack(5M)	2	
16	SJ480081	Pulley bracket	1	
17	HH481991	Timing pulley shaft	1	
18	SC480010	Pantograph drive pulley(Front)	1	
19	A9012052	E-ring(φ10)	1	
20	MM480050	Guide stay(DTHE)	1	
21	A9068050	Super seal(NW-7R)	1	
22	A9068049	Curl cord(Compact machine)	1	
23	SJ480020	Rack spacer	1	
24	SC480120	Guide base(R)	1	
51		Truss screw M6×10		
52		Hex.socket bolt M5×15(Chromate)		
53		Hex.socket bolt M6×20(Chromate)		
54		Hex.socket bolt M6×15(Chromate)		
55		Truss screw M4×6(Chromate)		
56		Hex.socket bolt M4×10(Black)		
57		Hex.socket bolt M4×12(With spring washer)		
58		Hex.socket bolt M5×20(Black)		
59		Hex.cap nut M8(Chromate)		
60		Hex.bolt M4×30(Chromate)		
61		Hex.nut M4		
62		Hex.bolt M4×40(Chromate)		
63		Hex.socket bolt M4×12(With adhesion)		
64		Flange nut M4		
65		Hex.socket bolt M3×15(Black)		

10D Pantograph drive D

10D Pantograph drive D

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	SC480330	H-rail base fixed stay(Rear)	1	
2	A9011244	Bearing unit(UFL002D)	1	
3	A9011243	Bearing unit(UFL002C)	1	
4	SJ480010	H-rail base(ST=450) DYHE	1	
5	SC480210	H-rail base fixed stay(Front)	1	
6	SC250040	H-rail frout cover	1	
7	SC250070	H-rail side cover	2	
8	SC480040	LM guide(540L)	1	
9	HH481980	φ19 clamp	1	
10	SJ480000	Pantograph drive pulley(16 tooth)	1	
11	SC480020	Timing belt MA5	1	
12	HP482940	Timing belt set rack(5M)	2	
13	SJ480081	Pulley bracket	1	
14	HH481991	Timing pulley shaft	1	
15	RP480201	Pulley stopper	1	
16	SC480010	Pantograph drive pulley(Front)	1	
17	A9012052	E-ring(φ10)	1	
18	SC480130	Guide base(L)	1	
19	SC480090	Guide stay(L)	1	
20	SJ480020	Rack spacer	1	
51		Hex.socket bolt M5×15(Chromate)		
52		Hex.socket bolt M6×20(Chromate)		
53		Hex.socket bolt M4×12(With spring washer)		
54		Hex.socket bolt M4×12(With adhesion)		
55		Truss screw M4×6(Chromate)		
56		Hex.socket bolt M3×15(Black)		
57		Hex.socket bolt M5×20(Black)		
58		Hex.socket bolt M4×10(Black)		
59		Hex.cap nut M8(Chromate)		
60		Hex.bolt M4×30(Chromate)		
61		Hex.nut M4		
62		Hex.bolt M4×40(Chromate)		
63		Flange nut M4		

10E Pantograph drive E

BEVT-Z1201C/Z1501C BEDLHE-Z12/ZQ-C01

10E Pantograph drive E

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	MM480040	H-pulse motor cover(DTHE)	1	VT
	MM480280	H-pulse motor cover(DLHE-C01)	1	DLHE
2	MM480030	H-pantograph drive shaft(L) φ15×835L	1	
3	MM480000	H-pulse motor bracket(DTHE)	1	
4	WC320230	Coupling(For φ12)	2	
5	MM480010	H-pulse motor stay(DTHE)	1	
6	EDY00020	Pulse motor(DTHE) TS3630N1215E10	1	VT
	RA480430	Pulse motor(DTHE) TS3630N1300-E8	1	DLHE
7	MM480020	H-pantograph drive shaft(R) φ15×228L	1	VT
	MM480270	H-pantograph drive shaft(R) φ15×198L	1	DLHE
51		Truss screw M5×10(Chromate)		
52		Hex.socket bolt M6×14(Black)		
53		Hex.socket bolt M5×14(Black)		
54		Hex.socket bolt M5×15(Black)		

10F Pantograph drive F

BEVT-Z1201C/Z1501C BEDLHE-Z12/ZQ-C

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10F　Pantograph drive F

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	MM480150	V-guide cover(DTHE)	1	VT
	MM480310	V-guide cover(DLHE-C01)	1	DLHE
2	SC481120	V-guide cover stad A	4	
3	SC481130	V-guide cover stad B	2	
4	MM480110	V-slide bracket for QS(C01) ST=520	1	
5	MM480100	Spacer LM block	2	
6	MM480090	LM guide(L=970) SRS	1	
7	KN272401	Stopper eccentric	2	
8	MM480080	V-guide pantograph frame(DTHE) ST=520	1	
9	SC480830	V-guide felt(L=155)	3	
51		Hex.cap nut M4		
52		Spring washer M4		
53		Plain washer M4		
54		Hex.socket button bolt M4×12		
55		Hex.socket bolt M3×10(Black)		
56		Hex.socket bolt M3×12(Black)		
57		Hex.socket bolt M4×22(Black)		

10G Pantograph drive G

10G Pantograph drive G

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	A9012052	E-ring(φ10)	1	
2	SC480010	Pantograph drive pulley(Front)	1	
3	A9020221	Timing belt(B200S5M-1800) Aramid fiber	1	
4	HH481991	Timing pulley shaft	1	
5	SJ480090	V-pulley bracket	1	
6	MM480141	V-sensor plate(VT)	1	
7	MM480120	V-guide base plate(DTHE)	1	
8	MM480190	Rack spacer(V-side) DTHE	1	
9	HP482940	Timing belt set rack(5M)	2	
10	EP530241	V-sensor cable(VT-01C)	1	
11	EDY00270	Origin point sensor(GP1A75E)	2	
12	MM480131	V-sensor bracket(VT)	1	
13	MM480070	H-sensor plate(DTHE)	1	
14	SC480230	V-slide block plate	1	
15	MM480160	V-slide block R(DTHE)	1	
16	A9010114	Bearing(60/22ZZ)	2	
17	A9012447	Stop ring S-22	2	
18	MM480180	Ball spline IKO+pulley(S5M) wide20	1	
19	MM480170	V-slide block L(DTHE)	1	
51		Hex.bolt M4×25		
52		Hex.socket bolt M5×15(Black)		
53		Hex.nut M8		
54		Flush screw M3×6		
55		Flush screw M3×14		
56		Flush screw M4×6		
57		Truss screw M3×8		
58		Truss screw M4×14		
59		Hex.socket bolt M4×10		
60		Hex.socket bolt M4×12		
61		Truss screw M4×8		
62		Truss screw M3×4		

10H Pantograph drive H

BEVT-Z1201C/Z1501C

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10H Pantograph drive H

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	EP530231	H-sensor cable(VT-01C)	1	
2	EDY00270	Origin point sensor(GP1A75E)	2	
3	MM480061	H-sensor bracket(VT)	1	
4	MM480250	V-pulse motor cover(DTHE)	1	
5	EDY00020	Pulse motor(DTHE)	1	
6	MM480260	V-motor coupling(DTHE)	1	
7	MM480230	V-pulse motor fixed plate(DTHE)	1	
8	MM480220	Stad bar(V-pulse motor)	4	
9	MM480210	Spline support plate(DTHE)	1	
10	A9010115	Bearing(6301ZZ)	1	
11	MM480200	Spline bearing bracket(DTHE)	1	
12	MM480240	V-motor back up bracket(DTHE)	1	
13	A9011271	Pillow unit(UCP201DE4)	1	
14	SC480070	Spline bearing bracket	1	
51		Hex.socket bolt M8×25(Black)		
52		Truss screw M3×8		
53		Truss screw M4×8		
54		Truss screw M5×8		
55		Hex.socket bolt M5×15(Black)		
56		Hex.socket bolt M5×18(Black)		
57		Hex.socket bolt M6×18		
58		Truss screw M4×5		
59		Hex.socket bolt M6×15(Chromate)		
60		Hex.socket bolt M5×12(Chromate)		

11 Control

BEVT-Z1201C/Z1501C

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11 Control

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	MM250010	Bridge cover(DTHE)	2	
2	EBY02720	Cooling fan DT	1	
3	EBY01710	Emergency stop switch HW1B-V401R	1	
4	EAY092A1	VT automat	1	
5	MM510060	Automat bracket(DTHE)	1	
6	MM510070	Controller fixed stay(DTHE)	1	
7	EDY00050	Power switch panel 8280(DTHE)	1	
8	MM510030	Stad bolt(For power board) DTHE	4	
9	EDY00060	Power board 8260(DTHE)	1	
10	MM250041	Driver board back cover(VT-C)	1	
11	MM250050	Work mindow cover	1	
12	EDY00040	Power panel 8290(DTHE)	1	
13	MM510020	Stad bolt(For driver) DTHE	5	
14	EFY00010	FG-plate(DTHE)	1	
15	MM510080	Driver board support bar(DTHE) 28L	1	
16	EBY02841	DTHE driver board 8726	1	
17	MM510090	Power board support bar(DTHE) 10L	1	
18	MM510050	Radiator plate(Driver board)	1	
19	EAY081A3	DTHE single phase transformer T1498B	1	
20	MM510040	Transformer base(DTHE)	1	
51		Truss screw M6×10		
52		Truss screw M4×40		
53		Hex.nut M4(With washers)		
54		Hex.socket flange bolt M5×12		
55		Hex.socket flange bolt M4×10		
56		Hex.socket bolt M6×15		
57		Truss screw M4×6		
58		Truss screw M3×6		
59		Truss screw M5×8		
60		Hex.nut M6(With washers)		
61		Hex.socket flange bolt M6×15		

12-1 Accessories(Z12)

BEVT-Z1201C BEDLHE-Z12-C01

12-1 Accessories(Z12)

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	MM710010	Spool holder a'ssy(DLHE-Z12-C01)	1	
2	HT240480	Thread guide ceramic(White)	2 6	
	HT240490	Thread guide ceramic(Gray)	4	First needle only
3	HP241430	Second tension unit complete	1 2	
4	KF710390	Spool holder felt(8×34×φ70)	1 2	
5	HT710000	Spool holder rod	1 2	
6	SK710000	Spool holder base block	2	
7	SH710010	Spool holder plate(DYH-Z12)	2	
51		Hex.socket bolt M5×10(With spring washer)		
52		Hex.socket set screw M5×8		
53		Flush screw M4×8		
54		Hex.socket flang bolt M6×25		
55		Hex.socket set screw M6×8		
56		Hex.socket bolt M6×15(Black)		

BEVT-Z1501C BEDLHE-ZQ-C01

12-2 Accessories(Z15)

ITEM	LIST No.	DESCRIPTION	Q'TY	NOTE
1	PP710000	Spool holder a'ssy(DYHE-ZQ)	1	Includes below parts RV240020, RV240100, RV240110 RV240180, A9012438 Truss screw M3×14 Truss screw M3×5
2	RD710370	Hose hold bracket	1	
3	RD710340	Guide base(15 needles)	2	
4	RD710330	Thread guide base	5	
5	RD710380	Number seal	1	
6	RD710361	Pillar B	2	
7	RD710351	Pillar A	2	
8	KF710390	Spool holder felt(8×34×φ70)	1 5	
9	HT710000	Spool holder pin	1 5	
10	SC710010	Spool holder base	1	
11	RV710050	Spool tube DB3-6×4		Cut product
12	MM710000	Spool holder bracket(Type 2 piece) P=520	1	
51		Truss screw M4×10		
52		Truss screw M5×12		
53		Hex.nut M4		
54		Truss screw M6×10		
55		Truss screw M6×20		
56		Hex.socket flange bolt M6×12(Chromate)		

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A90100003	08	1	A90520028	02C	3
A90100063	07	15	A90520078	02B	2
A90100065	04B	30	A90560039	05	1
A90100073	03	20	A90560040	02A	17
A90100109	07	8	A90560041	02C	1
A90100114	10G	16	A90560042	04C	22
A90100115	10H	10	A90680030	10C	2
A90111111	01A	14	A90680032	06-1	16
A90111129	08	18	A90680032	06-2	22
A90111243	10C	4	A90680049	10C	22
A90111243	10D	3	A90680050	10C	21
A90111244	10C	5	EAY081A3	11	19
A90111244	10D	2	EAY092A1	11	4
A90111270	08	12	EBY01710	11	3
A90111271	10H	13	EBY02600	06-1	15
A90111284	02A	22	EBY02610	06-2	18
A90111285	07	10	EBY02720	11	2
A90120001	02B	3	EBY02841	11	16
A90120027	01A	25	EDY00010	08	9
A90120052	10C	19	EDY00020	10E	6
A90120052	10D	17	EDY00020	10H	5
A90120052	10G	1	EDY00040	11	12
A90120063	08	3	EDY00050	11	7
A90121127	04B	7	EDY00060	11	9
A90121127	04C	18	EDY00270	10G	11
A90121127	07	14	EDY00270	10H	2
A90123368	04B	21	EFY00010	11	14
A90124115	04B	26	EP530231	10H	1
A90124221	03	21	EP530241	10G	10
A90124337	10A	3	FA999052	06-1	22
A90124337	10B	9	FN07001 1SNY	04A-1	15
A90124338	06-2	4	FN07001 1SNY	04A-2	14
A90124447	10G	17	FR92460434A520S	10B	1
A90130066	02A	8	HB230070C	03	23
A90130070	00B	3	HB230080C	03	22
A90140059	01A	7	HB230200	04B	11
A90141161	00A	10	HB230220	04C	9
A90141163	00A	6	HB230261	04C	8
A90141166	04C	15	HB230271	04C	3
A90141167	04A-1	21	HB230281	04C	6
A90141167	04A-2	26	HB230361	04C	5
A90141168	04D	19	HB230620	03	25
A90190777	00A	14	HB230650	03	7
A90202220	08	10	HB230800	03	10
A90202221	10G	3	HB240020	05	7

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HB240041	05	9	HT230491	04B	5
HH481980	10C	12	HT230510	04B	12
HH481980	10D	9	HT230520	04B	20
HH481991	10C	17	HT230560	04B	25
HH481991	10D	14	HT230590	04C	1
HH481991	10G	4	HT230620	05	5
HM140120	00B	4	HT230730	04B	6
HM270000	02A	25	HT230750	04B	3
HP241430	12-1	3	HT230760	04B	10
HP321090	01A	13	HT240101	06-1	14
HP321710C	01B	5	HT240101	06-2	10
HP321720C	01B	1	HT240180	06-1	18
HP482260	02B	5	HT240180	06-2	11
HP482940	10C	15	HT240290	06-1	4
HP482940	10D	12	HT240290	06-2	7
HP482940	10G	9	HT240480	12-1	2
HS210020	01A	1	HT240490	12-1	2
HS210021	01A	1	HT270063	04D	11
HS210031	01A	24	HT270182	02A	3
HS210042	01A	11	HT710000	12-1	5
HS210051	02A	13	HT710000	12-2	9
HS210060	02A	18	KC250482	01A	19
HS210070	02A	16	KC270101	04C	21
HS210080	02A	21	KC271001	02A	15
HS210090	02A	23	KC271940C	02A	20
HS210100	02A	12	KF220230	01A	3
HS210111	02A	10	KF220240	01A	20
HS210121	02A	11	KF220290	01A	2
HS210300	02A	14	KF220302	01A	23
HS220010	01A	4	KF220421	01A	22
HT220061	01A	5	KF220530	01A	22
HT230120	04A-1	11	KF220700	01A	21
HT230120	04A-2	10	KF221020	01A	23
HT230220	05	4	KF221040	01A	21
HT230263	04A-1	7	KF230501	03	5
HT230263	04A-2	6	KF230530	04B	8
HT230280	04B	24	KF230680	03	6
HT230290	04B	19	KF230910	04A-1	10
HT230330	04A-1	6	KF230910	04A-2	9
HT230330	04A-2	5	KF710390	12-1	4
HT230340	04B	18	KF710390	12-2	8
HT230410	04C	7	KF730750	10A	2
HT230450	04B	9	KF730760	10A	1
HT230471	04B	4	KL220140	01A	8

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KL270101	02C	9	MM140001	00B	7
KL270120C	02C	11	MM160001	00A	5
KL270131C	02C	10	MM160071	00A	5
KL270260C	02C	2	MM240010	06-2	17
KL270450	02C	7	MM240030	06-1	12
KN271560C	02A	24	MM250010	11	1
KN272010	02A	9	MM250020	10C	1
KN272401	02A	19	MM250041	11	10
KN272401	02C	5	MM250050	11	11
KN272401	10F	7	MM270000	04C	13
KN540510	06-1	13	MM270020	02B	7
KN540510	06-2	9	MM270030	02B	6
KV230040	04A-1	5	MM270040	02B	4
KV230040	04A-2	4	MM270050	02B	8
KX230141	04A-1	18	MM270060	02B	1
KX230141	04A-2	23	MM310000	08	19
KX230152	04A-1	17	MM310010	08	14
KX230152	04A-2	22	MM310020	08	16
KX250080	01A	9	MM310030	08	11
KX250080	02A	2	MM310040	08	7
KX270000	02A	26	MM310050	08	17
KX270010	02A	6	MM310060	08	8
KX270070	02C	12	MM310070	08	13
KX270430	02A	27	MM310080	08	20
KX330160	07	16	MM310090	08	15
LA230140	04B	28	MM310100	01B	2
LA270080	02C	15	MM330010	07	18
LA730590	10B	6	MM330020	07	9
LA730610	10B	4	MM330030	07	4
LA730630	10B	5	MM330040	07	2
LA730650	10B	3	MM330050	07	1
MF510000	01B	3	MM330070	07	18
MF510010	07	12	MM330080	07	17
MF510020	02B	9	MM480000	10E	3
MG330010	07	17	MM480010	10E	5
MG330030	07	7	MM480020	10E	7
MG330040	07	6	MM480030	10E	2
MG330070	07	13	MM480040	10E	1
MG330080	07	11	MM480050	10C	20
MG330090	07	3	MM480061	10H	3
MG330110	07	5	MM480070	10G	13
MH230161	05	3	MM480080	10F	8
MK230080	04C	12	MM480090	10F	6
MM120001	00B	2	MM480100	10F	5

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MM480120	10G	7	RD230150	04B	2
MM480131	10G	12	RD230201	04A-1	19
MM480141	10G	6	RD230201	04A-2	24
MM480150	10F	1	RD230250	05	6
MM480160	10G	15	RD230370	04A-1	9
MM480170	10G	19	RD230370	04A-2	8
MM480180	10G	18	RD230480	04A-1	2
MM480190	10G	8	RD230480	04A-2	1
MM480200	10H	11	RD230490	04A-1	3
MM480210	10H	9	RD230490	04A-2	2
MM480220	10H	8	RD240154	06-1	6
MM480230	10H	7	RD240154	06-2	5
MM480240	10H	12	RD240271	04D	5
MM480250	10H	4	RD270020	02C	14
MM480260	10H	6	RD270040	02C	13
MM480270	10E	7	RD710330	12-2	4
MM480280	10E	1	RD710340	12-2	3
MM480310	10F	1	RD710351	12-2	7
MM510020	11	13	RD710361	12-2	6
MM510030	11	8	RD710370	12-2	2
MM510040	11	20	RD710380	12-2	5
MM510050	11	18	RH230271	03	28
MM510060	11	5	RH230280	03	27
MM510070	11	6	RH230300	03	26
MM510080	11	15	RH230311	03	3
MM510090	11	17	RH230320	03	13
MM710000	12-2	12	RH230330	03	29
MM710010	12-1	1	RH230410	04A-1	4
MM730000	10A	6	RH230410	04A-2	3
MM730010	10A	7	RH230440	04A-1	12
MQ240000	06-2	12	RH230440	04A-2	11
MQ240010	06-1	7	RH230450	04A-1	14
MQ250000	08	21	RH230450	04A-2	13
PF240010	06-1	10	RH230460	04A-1	13
PF250000	04D	4	RH230460	04A-2	12
PG240010	06-2	13	RH230540	04B	23
PG240030	06-2	25	RH230550	04B	22
PG240040	06-2	3	RH230610	03	11
PG250000	04D	4	RH230801	03	2
PN240010	06-1	1	RH230810	03	4
PP240010	06-2	21	RN230010	03	16
PP710000	12-2	1	RN230020C	03	18
RA480430	10E	6	RN230030	03	17
RD230060	04A-2	18	RN230040	03	19

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RP480201	10D	15	SC480010	10C	18
RQ310000	08	2	SC480010	10D	16
RR230080	04C	4	SC480010	10G	2
RR230090	04C	2	SC480020	10C	14
RR240300	06-2	8	SC480020	10D	11
RR240300C	06-1	3	SC480040	10C	10
RR240330	06-1	17	SC480040	10D	8
RR240330	06-2	20	SC480070	10H	14
RR240510	06-1	5	SC480090	10D	19
RR240510	06-2	6	SC480120	10C	24
RV230060	03	8	SC480130	10D	18
RV230070	03	1	SC480210	10C	7
RV230180	04A-2	29	SC480210	10D	5
RV240040	06-2	14	SC480230	10G	14
RV240050	06-2	15	SC480330	10C	3
RV240071	06-2	24	SC480330	10D	1
RV240081	06-2	23	SC480830	10F	9
RV240091	06-2	16	SC481120	10F	2
RV240100	06-2	1	SC481130	10F	3
RV240110	06-2	2	SC710010	12-2	10
RV240180	06-2	19	SC730030	10A	5
RV250070	04D	1	SC730041	10A	4
RV710050	12-2	11	SC730092	10B	2
SC140020	00B	11	SC730102	10B	7
SC140030	00B	10	SC730111	10B	8
SC140090	00B	5	SG230000	04B	17
SC140120	00A	8	SG230031	04B	16
SC140130	00A	3	SG230040	04A-1	20
SC140140	00B	6	SG230060	04A-1	27
SC140160	00A	9	SG230070	04A-1	22
SC140170	00A	7	SG230110	04A-1	28
SC160010	00A	15	SG230140	04A-1	24
SC160020	00A	16	SG230150	04A-1	23
SC160030	00A	17	SG230160	04D	2
SC210000	01A	15	SG230170	04B	1
SC210010	00B	8	SG230180	04B	13
SC210010	01A	16	SG230190	04B	15
SC250040	10C	8	SG230200	04A-1	25
SC250040	10D	6	SG230200	04A-2	20
SC250070	10C	9	SG230210	04C	11
SC250070	10D	7	SG230220	04A-1	8
SC250080	01B	4	SG230220	04A-2	7
SC310021	08	4	SG230230	04A-1	16
SC310030	08	5	SG230230	04A-2	21

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SG230270	04C	10	SJ210040	02A	18
SG230280	04D	3	SJ210080	01A	18
SG230300	04B	29	SJ210090	01A	17
SG230330	04A-1	1	SJ210120	01A	10
SG230340	03	24	SJ210150	01A	17
SG230350	03	15	SJ220010	01A	6
SG230360	04A-1	26	SJ250240	03	30
SG230390	04A-1	30	SJ270020	02A	4
SG230410	04A-1	29	SJ270030	02A	7
SG240000	04D	5	SJ270040	02A	5
SG240040	06-1	2	SJ270110	02A	28
SG240050	06-1	8	SJ270121	02A	1
SG240060	06-1	9	SJ320010	01A	12
SG240080	06-1	19	SJ480000	10C	13
SG240090	06-1	21	SJ480000	10D	10
SG240100	06-1	20	SJ480010	10C	6
SG240110	06-1	11	SJ480010	10D	4
SG250060	04D	17	SJ480020	10C	23
SG270000	04D	10	SJ480020	10D	20
SG270010	04D	7	SJ480081	10C	16
SG270030	02C	15	SJ480081	10D	13
SG270040	02C	13	SJ480090	10G	5
SG270050	04C	14	SK710000	12-1	6
SG270060	04C	16	SL210081	03	14
SG270070	04C	17	SL230011	04A-2	16
SG270081	02C	4	SL230021	04A-2	17
SG270090	02C	6	SL230031	04A-2	19
SG270100	02C	14	SL230040	04A-2	25
SG270110	04C	20	SL230070	04A-2	15
SG270120	04C	19	SL230080	04A-2	27
SG270130	04D	9	SL230090	04A-2	28
SG270140	04D	8	SL230130	03	12
SG270150	04D	13	SL230140	04A-2	30
SG270160	04D	14	SL230180	04B	27
SG270170	04D	6	SL250081	04D	16
SG270180	04D	12	SL250091	04D	18
SH710010	12-1	7	SL250230	04D	20
SJ140000	00B	12	SL270000	04D	6
SJ140010	00B	9	SL270010	04D	7
SJ140040	00A	2	SL270020	04D	14
SJ140050	00A	1	SL270030	04D	13
SJ140120C	00A	11	SL270040	04D	15
SJ140130	00A	12	WC320230	10E	4
SJ140220	00A	13			