


SPECIFICATIONS

DRIVE: Belt Drive System
MOTOR: Semi-synchronous motor
TURNTABLE: 12 inch (30 cm) Solid die-cast aluminum alloy type
SPEED: Two Speed, 33-1/3 and 45 rpm
WOW & FLUTTER: Less than 0.08 %
SIGNAL TO NOISE RATIO: More than 45 dB
tone ARM: Static Balanced Pipe Arm, 4-terminal plug-in type, Lateral Balancer
TRACKING ERROR: ± 1.5 degrees
STYLUS PRESSURE VARIABLE RANGE: 0 to 4 grams
CARTRIDGE: Moving Magnet type
FREQUENCY RESPONSE: 20 ~ 20,000 Hz
OUTPUT BALANCE: within ± 1 dB
CHANNEL SEPARATION: More than 25 dB at 1,000 Hz
IMPEDANCE: 5 k Ω
OUTPUT VOLTAGE: 5 mV (1,000 Hz, 5 cm/sec.)
LOAD IMPEDANCE: 50 k Ω
RECOMMENDED STYLUS PRESSURE: 3 $\pm$ 0.5 grams
STYLUS: 0.7 mil Diamond Stylus
COMPLIANCE: 7 x 10⁻⁶ cm/dyne
REPLACEMENT STYLUS: Type N-34
SPECIAL MECHANISM: Auto-in-Auto-cut, Auto-repeat, disc size selector manual-in system, 24 pole synchronous gear motor for arm drive, Elevation Lever.
SUPPLIED ACCESSORIES: EP Adaptor, Motor oil
POWER REQUIREMENTS: AC 100 - 120V/220-240V 50/60 Hz
POWER CONSUMPTION: 60 Hz 14W, 50 Hz 15.5W
DIMENSIONS: H 7" (175) x W 18-1/8" (460) x D 16-1/8" (410) mm
WEIGHT: 14.3 lbs.


SPECIFICATIONS

DRIVE: Belt Drive System
MOTOR: 4 pole Synchronous Motor
TURNTABLE: 12 inch (30 cm) Solid die-cast aluminum alloy type
SPEED: Two speeds, 33-1/3, and 45 rpm
WOW-FLUTTER: Less than 0.08% (WRMS)
SIGNAL TO NOISE RATIO: More than 48 dB
toneARM: Static Balance Type, Tapered pipe arm Slide-locked EIA plug-in connector Direct-reading stylus force ± 1.5 degree 0 to 4 grams
TRACKING ERROR: ± 1.5 degree
STYLUS FORCE VARIABLE RANGE: 0 to 4 grams
CARTRIDGE:
 Type: Moving magnet type
 Frequency Response: 20 Hz ~ 20,000 Hz
 Channel Separation: More than 25 dB (1,000 Hz)
OUTPUT: 5 mV (1,000 Hz, 50 mm/sec)
OUTPUT BALANCE: Less than 2.5 dB (1,000 Hz, 50 mm/sec)
LOAD IMPEDANCE: 50 k ohms
STYLUS FORCE: 2 $\pm$ 0.25 grams
STYLUS: 0.6 mil Diamond Stylus
COMPLIANCE: 7 x 10⁻⁶ cm/dyne
REPLACEMENT STYLUS: Type N-39
SPECIAL MECHANISM: Auto-in, Auto-cut, Auto-repeat, Auto-return, Disc size selector, Manual-in, Pause elevation, Anti-skating, Panel floating, Head shell stand, Pilot lamp for stylus adjust, 24 pole Synchronous timing for tonearm drive.
SUPPLIED ACCESSORIES: EP Adaptor Motor lubricating oil Low capacity audio cord with PIN plug
POWER REQUIREMENT: AC 110 ~ 120V/220 ~ 240 V, 50/60 Hz or AC 117V, 50/60 Hz
POWER CONSUMPTION: 15.5 W, 50/60 Hz
DIMENSIONS: W 17-5/8" (448 mm), H 6-13/8" (173 mm), D 14-21/32" (374 mm)
WEIGHT: 19.2 lbs (8.7 kg)
V-42 SPECIFICATIONS
 Type: Moving magnet
 Output voltage: 1.2mV~2.4mV at 1kHz
 Frequency response: 20Hz~40 kHz
 Channel balance: Less than 2.5dB at 1kHz
 Channel separation: More than 18dB at 1kHz
 Impedance: 2.45k-ohm at 1kHz
 Suitable stylus force: 1.7~2.3g
 D.C. resistance: 470 ohm
 Compliance: 5~8/10 cm/dyne
 Optimum load: 47k-ohm
 Replacement stylus: N-42 (Parabolic)
 Weight: 6~7 g

* This is a factory's specifications.

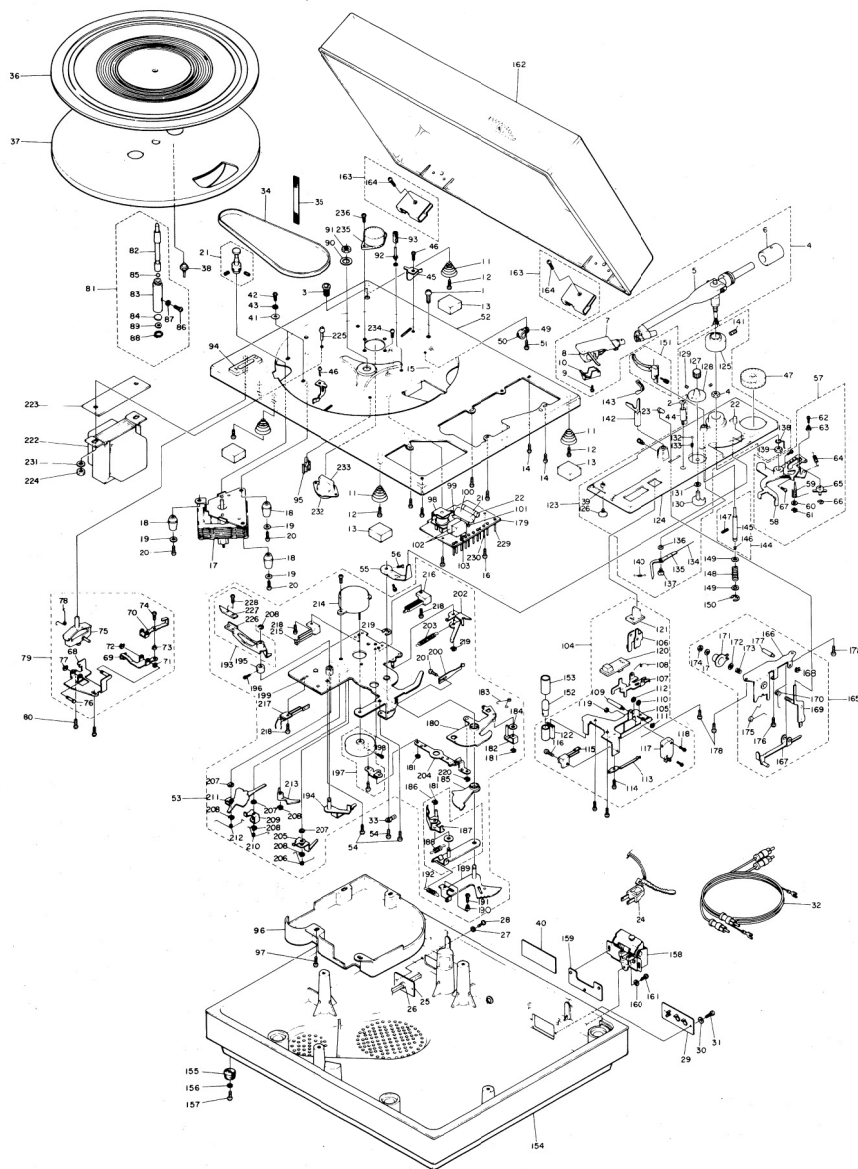


Fig. No.	Parts No.	Description	Re- marks
1	N09-0097-00	Special screw x 3	
2	N09-0149-04	Screw	
3	J09-0079-14	Shell stand	
4	PARTS LIST	Pickup ass'y	
5	PARTS LIST	Tonearm	
6	D91-0027-09	Main weight	
7	J92-0012-09	Shell	
8	PARTS LIST	Cartridge	
9	N09-0131-09	Mounting screw x 2	
10	PARTS LIST	Stylus cover	
11	G01-0225-24	Conical spring for floating x 4	
12	N84-4006-41	Tap tight screw x 4	
13	G11-0028-04	Cushion x 4	
14	N84-3006-41	Tap tight screw x 6	
15	J32-0178-04	Stud x 3	
16	N84-3006-41	Tap tight screw x 3	
17	T41-0090-15	Motor ass'y	
18	G13-0069-04	Rubber cushion x 3	
19	N19-0186-14	Washer x 3	
20	N84-3006-41	Tap tight screw x 3	
21	PARTS LIST	Motor pulley (B)	
22	K29-0147-04	Selector knob	
23	K29-0148-04	Pause knob	
24	PARTS LIST	Power cord	
25	PARTS LIST	Cord stopper	
26	PARTS LIST	Cord bushing	
27	—	—	
28	N30-3008-11	Pan head screw x 2	
29	E29-0039-05	Terminal board	
30	—	—	
31	N87-3010-41	Tap tight screw x 2	
32	E30-0190-05	Audio cord	
33	E23-0016-04	Lug type terminal strips	
34	D16-0037-13	Drive belt	
35	J69-0019-04	Tape	
36	G16-0047-02	Turntable sheet	
37	D02-0011-15	Turntable	
38	D19-0031-04	Trip pin	
39	PARTS LIST	Dress panel name plate	
40	PARTS LIST	Name plate	
41	B59-0020-04	Cramp indication card x 2	
42	N09-0097-00	Special screw x 2	
43	N15-1040-11	Washer x 2	
44	J31-0101-04	Collar	
45	J21-0715-14	L shaped hardware	
46	N84-4006-41	Tap tight screw x 2	
47	W01-0057-04	EP adaptor	
48	—	—	
49	J21-0511-04	Lead holder	
50	212-6505-05	Insulating tube	
51	N84-3006-41	Tap tight screw	
52	A20-0615-11	Panel	
53	D40-0108-32	Automatic mechanism ass'y	
54	N84-4006-41	Tap tight screw x 3	
55	D10-0116-14	Select lever ass'y	
56	N30-3008-11	Pan head screw x 2	
57	D11-0166-04	Position arm ass'y	
58	D11-0167-04	Position arm calked ass'y	
59	G02-0048-04	Cross cam spring	
60	N19-0082-00	Washer	
61	N24-3030-60	E washer	
62	N09-0094-04	Adjusting screw	
63	G01-0135-04	Conical spring	
64	G01-0141-04	Tension spring (B)	
65	D12-0054-04	Cross cam	
66	N29-3020-60	E washer	
67	N30-3006-11	Pan head screw	
68	A11-0051-14	Speed selector calked ass'y	
69	D11-0169-14	Belt guide arm (A)	
70	D11-0170-04	Belt guide arm (B)	
71	N19-0025-04	Insulating washer	
72	N24-3030-60	E washer	
73	G01-0154-04	Conical spring	
74	N30-3010-11	Pan head screw	
75	D12-0067-14	Speed selector cam	
76	D21-0303-04	Speed selector shaft	
77	N24-3020-60	E washer	
78	G01-0217-14	Torsion spring	
79	D40-0154-23	Speed selector ass'y	
80	N84-3006-41	Tap tight screw	
81	D23-0071-44	Turntable shaft ass'y	
82	D21-0151-14	Turntable shaft	
83	D23-0070-54	Turntable bearing	
84	J09-0044-04	Thrust washer	
85	D90-0001-04	Steel ball	
86	N09-0059-04	Screw	
87	N16-0030-46	Spring washer	
88	N24-2080-45	Stop ring	
89	N19-0082-00	Small washer	
90	N19-0142-04	Small washer	
91	N14-0048-14	Nut	
92	J12-0063-04	Pin for tip	
93	J42-0056-04	Eccentric sleeve	
94	A15-0027-04	Speed selector name plate	
95	J61-0024-05	Wire clip	
96	F07-0220-32	Protection cover (A)	
97	N30-3006-11	Tap tight screw x 4	
98	S51-1009-25	Relay	
99	RW14AG3D471J	Wire wound resistor 470Ω ±5% 2W	
100	CE02W1J101	Electrolytic capacitor 100μF 63WV	
101	V11-0200-05	Diode V06C	
102	R90-0101-05	Ceramic based multiple components x 2	
103	PD14BY2E104J	Carbon resistor 100kΩ ±5% 1/4W	
104	D10-0118-23	Right lever ass'y	
105	A10-0349-03	Right lever chassis	
106	D11-0171-04	Repeat arm	
107	D11-0172-04	Switch arm	
108	G01-0219-14	Torsion spring	
109	D21-0304-04	Arm shaft	
110	N19-0143-04	Insulating washer	
111	N24-3015-60	E washer	
112	N19-0016-04	Insulating washer	
113	G02-0047-14	Repeat lock spring	
114	N30-2605-11	Pan head screw	
115	S46-1004-15	Leaf switch	
116	N30-2605-11	Pan head screw	
117	S49-1005-05	Micro switch	
118	N30-3016-11	Pan head screw x 2	

Fig. No.	Parts No.	Description	Re- marks
119	N10-2030-11	Nut	
120	K29-0145-04	Switch knob	
121	K29-0146-04	Repeat knob	
122	B30-0094-05	Pilot lamp ass'y	
123	D40-0153-12	Dress panel sub-ass'y	
124	A21-0124-02	Dress panel	
125	B09-0004-04	Tonearm base cap	
126	B08-9006-04	Indicator	
127	K22-0033-04	Canceller knob	
128	B20-0269-04	Dial board	
129	N72-2002-11	Screw x 2	
130	D21-0310-03	Cam shaft	
131	N19-0024-04	Insulating washer	
132	D90-0014-00	Steel ball	
133	G01-0218-04	Compression spring	
134	E39-0006-04	Tension wire	
135	D10-0121-04	Canceller lever (A)	
136	N19-0080-00	Special washer	
137	N09-0138-04	Special screw	
138	D10-0122-04	Canceller lever (B)	
139	N14-0084-04	Special nut	
140	G01-0216-04	Tension spring (E)	
141	N73-4008-11	Screw	
142	D39-0022-14	Tonearm rest	
143	J11-0029-14	Tonearm rest cramper	
144	D21-0300-04	Elevation shaft ass'y	
145	D21-0301-04	Elevation shaft	
146	D29-0004-04	Tip for elevation shaft	
147	J12-0068-04	Spring pin	
148	G01-0103-14	Compression spring	
149	N19-0018-04	Insulating washer	
150	N24-3050-60	E washer	
151	D39-0023-24	Support ass'y	
152	—	—	
153	—	—	
154	A02-0030-01	Player case	
155	J02-0070-05	Rubber leg x 4	
156	—	—	
157	N87-3014-41	Tap tight screw x 4	
158	J50-0049-15	Hinge (B) x 2	
159	J20-0246-04	Hinge mounting board x 2	
160	N15-1030-11	Washer x 4	
161	N30-3014-11	Pan head screw x 4	
162	A02-0021-15	Player cover	
163	J50-0048-05	Hinge (A) x 2	
164	N33-4008-13	Flat head screw x 2	
165	D40-0155-43	Pause ass'y	
166	D40-0156-34	Pause chassis calked ass'y	
167	D11-0173-04	Elevation arm calked ass'y	
168	N24-3015-60	E washer	
169	D10-0119-34	Pause lever calked ass'y	
170	G01-0220-24	Torsion spring	
171	D23-0080-04	Bearing	
172	N15-1040-11	Washer x 2	
173	G01-0110-24	Compression spring	
174	N10-2040-11	Nut	
175	G01-0222-14	Torsion spring	
176	N30-2612-11	Pan head screw	
177	D21-0305-04	Elevation arm shaft	
178	N84-4006-41	Tap tight screw x 2	

Fig. No.	Parts No.	Description	Re- marks
179	J25-1168-03	PC board	
180	D12-0051-24	EL cam calked ass'y	
181	N24-3020-60	E washer x 4	
182	D11-0112-04	Traveling arm calked ass'y	
183	G01-0133-04	Torsion spring (A)	
184	N19-0153-04	Insulating washer	
185	D12-0048-04	Off cam calked ass'y	
186	D40-0113-14	Adjust ass'y	
187	D32-0038-04	Stopper calked ass'y	
188	G01-0134-04	Tension spring (D)	
189	D11-0114-24	Select arm calked ass'y	
190	G01-0135-04	Conical spring	
191	N09-0094-04	Screw	
192	G01-0141-04	Tension spring (B)	
193	D40-0115-04	Detecting arm ass'y	
194	D11-0118-04	Detecting operation arm calked ass'y	
195	J31-0074-04	Sleeve	
196	N30-3006-11	Pan head screw	
197	D40-0116-04	Switch cam ass'y	
198	N30-2605-11	Pan head screw	
199	A10-0286-43	Mechanism chassis calked ass'y	
200	G02-0031-14	Leaf spring	
201	N30-3005-11	Pan head screw	
202	D11-0120-04	Set off arm	
203	G01-0137-04	Tension spring (A)	
204	D11-0121-04	Connecting plate	
205	D11-0122-04	Return operation arm	
206	G01-0138-04	Torsion spring (D)	
207	N19-0025-04	Insulating washer x 3	
208	N24-3030-60	E washer x 6	
209	D11-0123-04	Hook arm	
210	G01-0139-14	Torsion spring (B)	
211	D11-0124-04	Switch arm	
212	G01-0140-14	Torsion spring (C)	
213	D11-0110-14	Muting arm	
214	T41-0084-35	Timing motor	
215	S46-2010-45	Arm switch (A1)	
216	S46-2011-55	Arm switch (D1)	
217	S46-2006-55	Arm switch (C)	
218	N30-2605-11	Pan head screw x 3	
219	N24-3040-60	E washer x 2	
220	N24-3025-60	E washer	
221	N24-3025-60	E washer x 2	
222	PARTS LIST	Power transformer	
223	G13-0073-14	Insulator	
224	N10-2040-11	Nut x 2	
225	N30-4010-11	Pan head screw x 2	
226	G11-0116-04	Detecting arm calked ass'y	
227	D29-0009-04	Tip	
228	N30-2605-11	Pan head screw	
229	—	—	
230	E23-0047-04	PC board terminal x 12	
231	N15-1040-11	Washer x 2	
232	PARTS LIST	Power voltage selector socket	
233	PARTS LIST	Power voltage selector plug	
234	N30-3004-11	Pan head screw	
235	PARTS LIST	Power voltage selector cover	
236	N30-3008-11	Pan head screw x 2	

Fig. No.	Description	Other area (M)	South Africa (S)	England (T)	Scandinavia (L)	Europe (W)	Australia (X)	PX (U)	Canada (P)	U.S.A. (K)
4	Pickup ass'y	J91-0040-05	—	J91-0040-05	J91-0040-05	J91-0040-05	J91-0040-05	J91-0040-05	J91-0042-09	J91-0042-09
5	Tonearm (Not include main weight and shell)	J91-0042-09	—	J91-0042-09	J91-0042-09	J91-0042-09	J91-0042-09	J91-0042-09	J91-0042-09	J91-0042-09
8	Cartridge V 42 (for KP-3022F)	T21-0034-05	—	T21-0034-05	T21-0034-05	T21-0034-05	T21-0034-05	T21-0034-05	—	—
10	Stylus cover (for KP-3022F)	F07-0293-09	—	F07-0293-09	F07-0293-09	F07-0293-09	F07-0293-09	F07-0293-09	—	—
21	Stylus cover (for KP-3022F)	F07-0293-09	—	F07-0293-09	F07-0293-09	F07-0293-09	F07-0293-09	F07-0293-09	—	—
21	Motor pulley (50Hz)	D15-0123-04	—	D15-0123-04	D15-0123-04	D15-0123-04	D15-0123-04	D15-0123-04	D15-0126-04	D15-0126-04
24	Motor pulley (60Hz)	D15-0126-04	—	D15-0126-04	D15-0126-04	D15-0126-04	D15-0126-04	D15-0126-04	E30-0181-05	E30-0181-05
25	Power cord	E30-0034-05	—	040-0304-05	E30-0292-05	E30-0176-05	E30-0185-05	E30-0034-05	J19-0259-04	J19-0259-04
26	Cord stopper	J19-0345-04	—	J19-0345-04	J19-0345-04	J19-0345-04	J19-0345-04	J19-0345-04	J41-0006-00	J41-0006-00
39	Cord bushing	J41-0006-00	—	J41-0017-05	J41-0017-05	J41-0017-05	J41-0017-05	J41-0017-05	B42-0415-04	B42-0415-04
40	Dress panel name plate (for KP-3022F)	B42-0415-04	—	B42-0389-04	B42-0415-04	B42-0415-04	B42-0415-04	B42-0415-04	B42-0539-04	B42-0539-04
222	Name plate	B40-0815-14	—	B40-0848-04	B40-0978-04	B40-0815-14	B40-0815-14	B40-0815-14	B40-0842-04	B40-0842-04
232	Name plate (for KP-3022F)	B40-0815-14	—	—	—	—	—	—	L02-0067-15	L02-0067-15
232	Power transformer	L02-0067-15	—	—	L02-0056-02	L02-0067-15	L02-0067-15	L02-0067-15	L02-0056-05	L02-0056-05
233	Power voltage selector socket	E06-0706-15	—	E06-0706-15	—	E06-0706-15	E06-0706-15	E06-0706-15	E07-0304-15	E07-0304-15
233	Power voltage selector plug	E07-0304-15	—	E07-0304-15	—	E07-0304-15	E07-0304-15	E07-0304-15	—	—
235	Power voltage selector cover	F07-0236-04	—	F07-0236-04	—	F07-0236-04	F07-0236-04	F07-0236-04	—	—
—	Panel ass'y	X31-1020-21	—	X31-1020-21	X31-1020-00	X31-1020-21	X31-1020-21	X31-1020-21	X31-1020-00	X31-1020-00
—	Tonearm	J91-0041-09	—	J91-0041-09	J91-0041-09	J91-0041-09	J91-0041-09	J91-0041-09	J91-0055-09	J91-0055-09
—	Dress panel	X31-1010-00	—	X31-1010-00	X31-1010-00	X31-1010-00	X31-1010-00	X31-1010-00	X31-1010-00	X31-1010-00
—	Power supply unit	X27-1020-21	—	X27-1020-21	X27-1020-61	X27-1020-61	X27-1020-21	X27-1020-21	X27-1021-01	X27-1021-01
—	Player case ass'y	X30-1010-00	—	X30-1010-00	X30-1010-00	X30-1010-00	X30-1010-00	X30-1010-00	X30-1010-00	X30-1010-00
—	Rubber cushion x 2	—	—	—	G13-0002-04	—	—	—	—	—
—	Rubber cushion x 2 (for KP-3022F)	—	—	—	E22-0418-05	—	—	—	—	—
—	Lug type terminal strips	—	—	—	J42-0031-04	—	—	—	—	—
—	Oil	J42-0031-04	—	J42-0031-04	J42-0031-04	J42-0031-04	J42-0031-04	J42-0031-04	—	—
—	Small driver	W01-0035-00	—	W01-0035-00	H25-0078-00	H25-0078-00	H25-0078-00	H25-0078-00	—	—
—	Instruction bag	H25-0078-00	—	H25-0078-00	—	—	—	—	—	—
—	Warranty card	—	—	—	—	—	—	—	—	—
—	Instruction manual	B50-1003-00	—	B50-1047-00	B50-1003-00	B50-1003-00	B50-1267-10	B50-1003-00	B50-1038-00	B50-1038-00
—	Instruction manual (for KP-3022F)	—	—	—	B42-0009-04	B42-0009-04	B42-0009-04	B42-0009-04	B42-0009-04	B42-0009-04
—	Passed sticker	B42-0009-04	—	B42-0009-04	B42-0009-04	B42-0009-04	B42-0009-04	B42-0009-04	B58-0043-00	B58-0043-00
—	Carton case caution card	B58-0043-00	—	B58-0043-00	B58-0043-00	B58-0043-00	B58-0043-00	B58-0043-00	B58-0139-00	B58-0139-00
—	Power supply caution card	B58-0003-00	—	B58-0003-00	—	—	—	—	B58-0160-00	B58-0160-00
—	Power voltage selector caution card	B58-0159-00	—	B58-0159-00	—	—	—	—	B58-0159-00	B58-0159-00
—	Shell caution card	B58-0164-00	—	B58-0164-00	—	—	—	—	B58-0164-00	B58-0164-00
—	Caution sticker	—	—	—	—	—	—	—	—	—
—	Caution sticker	—	—	—	—	—	—	—	—	—
—	Lead holder	J21-0511-04	—	J21-0511-04	J21-0511-04	J21-0511-04	J21-0511-04	J21-0511-04	J21-0511-04	J21-0511-04
—	Carton case (for KP-3022F)	H01-0952-04	—	H01-0952-04	H01-0952-04	H01-0952-04	H01-0952-04	H01-0952-04	H01-0952-04	H01-0952-04

Fig. No.	U.S.A. (K)	Canada (P)	PX (U)	Australia (X)	Europe (W)	Scandinavia (L)	England (T)	South Africa (S)	Other area (M)	Description
1	H03-0236-04	H03-0236-04		H03-0236-04	H03-0236-04	H03-0236-04		H03-0236-04	H03-0236-04	Carton case Carton case (for KP-3022F)
2	J39-0021-05	J39-0021-05	J39-0021-05	J39-0021-05	J39-0021-05	J39-0021-05	J39-0021-05	J39-0021-05	J39-0021-05	Shell spacer ass'y
3	J39-0019-05	J39-0019-05	J39-0019-05	J39-0019-05	J39-0019-05	J39-0019-05	J39-0019-05	J39-0019-05	J39-0019-05	Spacer (A)
4	J39-0020-05	J39-0020-05	J39-0020-05	J39-0020-05	J39-0020-05	J39-0020-05	J39-0020-05	J39-0020-05	J39-0020-05	Spacer (B)
5										EP sticker
6										KENWOOD service station list
7										Free up belt
8										Caution sticker (only KP-3022)
9										Buffer fixture
10										Protection bag x 3
11										SEV sticker

Note: Unless otherwise designated KP-3022F parts number is common to KP-3022.

