

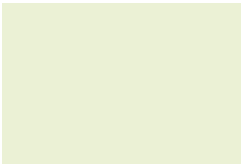
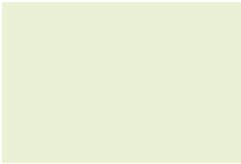


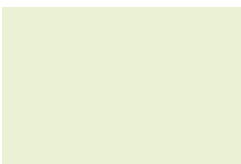

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<https://www.facebook.com/groups/SMRG1/>

Singer Sewing Machine Motors, Foot Controllers and Drive Belts

Motors

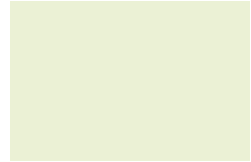
Type	Fitted To Machines	Photo
Series 3	US made 221	
Series 4	US made 66-8	
BA(K)	15K, 99K, 185K, 201K23, 306K	
BR(K)	15, 66-4,5&6, 66K16, 99K13, 201K3	
BS	128-8	
BTK		

BU(K)



BY(K)

66-18, 66-24, 99-24



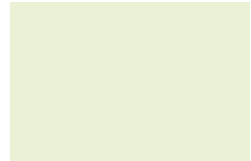
BZ(K)-60

99, 275, 285



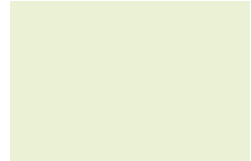
CA(K)6

221K



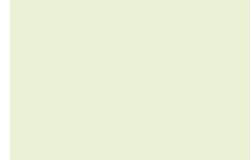
CA(K)7

222K



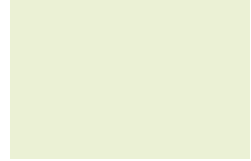
CA(K)8 & CAK9

221K-7, 221J

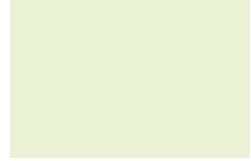


CB(K)

98, 286

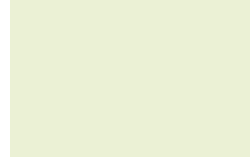


DA(B) built-in D socket



EN(K)8 open

513, 514, 518, 533, 538 etc.



GA(C)2

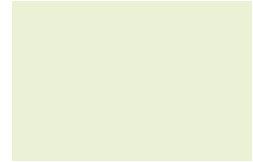
6212C



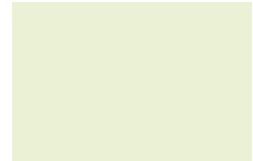
HA(B) built-in D socket



J-1 **US made for Singer 20-2 toy**



MAJ3 open **560**



NAB **187**



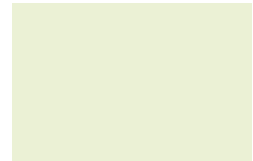
NBB
NBB-2 (~1970)
NBB-4 (~1971)



PA - gear drive **301A, 404, 411 and other 400 & 700 m/cs.**



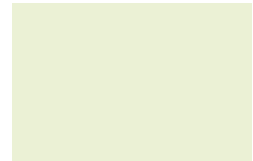
PA-2 **301A**



PAB-8 **401G, 404G, 431G**

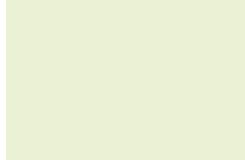
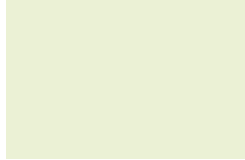




PG(K) **15K91 Potted motor**






PH(K) **201K Potted motor**



RF5	99-31	
SE	101 (potted motor)	
SN(K) open	Many 300, 400 and 500 series models.	
WAB cased with D socket	167, 258, 353, 354	

NOTE - A third letter of the motor type indicates the factory where it was made. i.e. K indicates Kilbowoie Scotland, J indicates St Jean, Canada etc.

Foot Controllers

Style	Type	Fitted To Machines	Photo
Style A	Metal	201	
Style B	Metal	192258	
Style B1	Bakelite (Foot Button)	15, 66, 99, 201, 221, 306	

196649, 197783,
 198997, 199269)
**Bakelite - With
 ventilation slots
 and side cable
 exit** **201K (~1937)**
Style B2
 (194373)
**Bakelite - For
 knee bar (flat
 end)** **99K, 201K**
Style C1
 (194380, 194541,
 194684)
**Open Chassis -
 For knee bar (flat
 end)**
Style C2
 (192214, 192836)
**Open Chassis -
 For knee bar
 (round end)**
Style C3
 (45293)
**Bakelite (Treadle
 Conversion)** **15, 66, 201**
Style D1
 (194386)
**Bakelite (Cabinet
 Pedal)** **15, 66, 201**
Style D2
Pressed Metal **98, 275, 285, 286**
Style E



Plastic -
Rectangular
Hinged
Style F1 (102950, 103435, 221K7, 400 series
518779, 618597,
618775, 618996,
619000, 619494)



Plastic -
Rectangular
Hinged (2 Speed)
Style F2 (102948, 618808)



Plastic -
Rectangular
Hinged - Electronic
Style F3 (60????) 1050, 1100, 2001, 6785, 6790



Plastic -
Clamshell (YDK)
Style G (988218) 6137



Plastic -
Rectangular
angled front with
small D shaped
Style H1 plug 5100 & 5500 series
#988274 made in
Taiwan



Plastic
'Electronic' -
Rectangular
Style H2 angled front with
5 pin plug 496, 1040, 2000, 6136, 7136



#988275 made in France

Style Metal - Made in
I Japan

680U



Style Air Controller -
J Plastic #979583

6234, 6235, 6237, 6240, 6267, 6268, 9136,
9137, 9123, 9143, 9210, 9217 Concerto,
9224 Concerto, 9240 Concerto



117 Featherweight, 118 Featherweight,
1507, 2250 Tradition, 2259 Tradition, 2263
Tradition, 2273 Tradition, 3321 Talent,
3325 Talent, 3709, 3810, 3815, 3825, 3827,

Style Electronic - YDK
K type YC-420S

4205 Inspiration, 4206 Inspiration, 4210
Inspiration, 4212 Inspiration, 4220
Inspiration,, 4228 Inspiration, 6408, 6412,
6418, 6423, 8280, 9005 Tempo, 9010
Tempo, 9012 Encore, 9015 Encore, 9018
Encore, 9020 Encore, 9032 Encore



Style 13 cm x 9cm Type
L GTC



Style YDK type YC-470
M

8.5 cm x 16 cm made by YDK



Style Air Pedal
N





MCPK #988667

7 cm x 13.5 cm rectangular air pedal for
electronic controllers



Connectors

Style	Type	Pin Pattern	Photo
1A	Bakelite - Round pins 13/16" x 1-3/4" (21 x 45mm)	Curved 17/32"(13.5mm) pitch Models - 15K, 27K, 28K, 66K, 99K, 127K, 128K, 185K, 285K, 306K, 319K, 320K, 401G, 411G, 431G	
1B	Bakelite - Flat pins 13/16" x 1-3/4" (21 x 45mm)	Curved 17/32"(13.5mm) pitch Models - 221K, 222K	
1B + Earth	Bakelite - Flat pins 13/16" x 1-3/4" (21 x 45mm) As 1B but with external earth connection	Curved 17/32"(13.5mm) pitch	 
2	'D' shape 5/8" high x 1" wide. (16 x 25mm)	Triangular 5/16"(8mm) pitch Models - 141, 247, 257, 353 Starlet, 354 Starlet, 360, 362, 367, 368, 377, 378, 502, 507, 509, 513, 514, 518, 522, 527, 533, 534, 538, 560, 706 Touch N'Sew, 708 Touch N'Sew, 720 Touch N'Sew, 760 Touch	

		N'Sew, 1036 Futura, 2818, 3105, 4530, 5802 Melodie, 5805 Melodie, 5806 Melodie, 5808 Melodie, 5810 Melodie, 6101, 6103, 6104, 6105, 6106, 6211 Samba, 6212 Samba, 6215 Samba, 7102, 7104, 7105, 7108, 7110, 8019 Lotus, 9803, 9810, G105, L47	
3	Keyed 'D' shape 5/8" high x 3/4" wide. (16 x 19mm)	Triangular 5/16"(8mm) pitch	
4	5 Pin 'D' shape 5/8" high x 3/4" wide. (16 x 19mm) For models 290C, 496, 900, 920, 925, 1030, 1036, 1040, 1060, 1200, 1411, 1425, 1492, 2000, 2001, 2005, 2010, 2114, 6110, 6136, 7135, 7136		
5	Complex	Triangular Models - 680U	
6	Figure 8 for power lead only 8mm high x 16 mm wide Models - 2205 Athena, 2210 Athena, 2220 Sonata, 6160 Brilliance, 6235, 6234, 6267, 6268, 7446, 7462, 7463, 7464, 7467, 8770, 9123, 9135, 9137,	2 Pins In-line 8.6mm pitch	

9143, 9210, 9217 Concerto,
9224 Concerto, 9240
Concerto, 9910, 9920, 9936,
9940 Quantum Stylist, 9960
Quantum Stylist, L-500
Quantum, XL-1, XL-10, XL-
100, XL-1000

7 Rectangular with cut off
corners and centre key
30 mm high x 11 mm wide
Flat on one side - Electronic
controllers

3 Flat Pins In-line
10.5mm pitch



Models - 117 Featherweight,
118 Featherweight, 1507,
2250 Tradition, 2259
Tradition, 2263 Tradition,
2273 Tradition, 3321 Talent,
3325 Talent, 3709, 3810,
3815, 3825, 3827, 4205

8 Inspiration, 4206 Inspiration,
4210 Inspiration, 4212
Inspiration, 4220 Inspiration,,
4228 Inspiration, 6408, 6412,
6418, 6423, 8280, 9005
Tempo, 9010 Tempo, 9012
Encore, 9015 Encore, 9018
Encore, 9020 Encore, 9032
Encore

3 Round Pins In-line






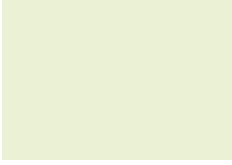

Drive Belts

Simanco Part No.	Type	Outside Circumference	Fitted To Machines
196389	1/4" Vee	12-3/4" (32.4 cm)	275, 285
196388 (604136)	1/4" Vee	13-1/2" (34.3 cm)	201K3, 237, 239, 240, 241, 242, 247, 248, 250, 251, 252, 257, 259, 285, 288, 293, 377, L47
193066	1/4" Vee	14" (35.6 cm)	15 with spoked wheels, 27, 28, 127, 128, 187, 201K3, 239
196386	1/4" Vee	15" (38 cm)	185, 201K23, 215, 227, 237, 286, 337, 338, 347, 348, 413, 416, 418, 449, 457, 466, 477, 478
193386	1/4" Toothed Vee	15" (38 cm)	(As 196386 but toothed on inside)
198651	1/4" Vee	15-1/8" (38.5 cm)	15-88, 15-90, 27, 66-6, 66-8, 66-14, 66- 18 to 16-24, 99-24,31, 127, 128, 185, 192, 206, 223, 306, 319, 327, 328, 329
193077	1/4" Vee	15-5/8" (39.8 cm)	15, 27, 28, 99-13, 127, 128 with solid balance wheels, 317, 327, 328, 359
194144	1/4" Vee	17-1/2" (44.5 cm)	221, 221K, 222K, 301
353518	1/4" (6 mm) flat toothed	13-1/2" (34.4 cm)	6212C
312628	6mm flat toothed	20" (50.8 cm)	6240
604136	Toothed Vee		148, 258, 277, 360, 362, 367, 368, 377, 7105
603975	5mm Timing Belt	15-1/4" (38.7 cm)	141, 143, 163, 353, 354, 502, 507, 513, 514, 518, 522, 527, 533

045174 5 mm
Stretch Belt 13-3/8" (34.0 cm)

NOTE - On some machines, the belt size can vary depending on the type of motor or balance wheel it has fitted. Before buying a replacement always check by measuring around the outside of your old belt, or by wrapping a cord around your machines pulleys.

Lamps

Style	Type	Notes	Photo
1	Metal	Open bulb	
2	Bakelite	Open bulb with toggle switch	
3	Bakelite	Enclosed bulb with rotary switch	
4	Spotlight	Spotlight on swivel mounting	
5	Enclosed	Enclosed bulb with rotary switch	

6 S7 Type S7 with rotary switch



7 LA11 Type LA11 with rocker switch