

**SINGER**  
**710W1**

List of Parts Complete

for

MACHINE NO. 710W1

12-21-59

*Part Rep*

710wl List of Parts - Numerical Order

<u>Part Number</u>	<u>Description</u>
1241D	Hook Ram Return Spring Screw Eye
6055	Base Bolt Washer (2)
11831	Screw Driver
23766	Wrench
51078	Base Bolt (2)
53563X	Hook Hopper Cover Thumb Nut
<del>1444</del> 465	Wrench (1/8" Hex.)
201752X	Hook Ram Starting Lever Stop Screw Nut
201759X	Feed Carrier Bracket Stop Screw Nut
201759X	Safety Switch Actuating Screw Nut
201773X	Feed Starting Lever Roller Screw Stud Nut
201773X	Hook Die Anvil Pressure Lever Roller Screw Stud Nut
201773X	Hook Ram Starting Lever Roller Screw Stud Nut
201774X	Hook Die Anvil Pressure Screw Nut
201774X	Hook Holder Support Lock Nut
201775X	Hook Catch Plate Lever Screw Nut (2)
201775X	Hook Ram Cam Support Plate Screw Nut (3)
201775X	Hook Transfer Track (upper) Screw Nut (2)
201776X	Hook Hopper Bracket Screw Nut (4)
201776X	Hook Hopper Cover Hinge Screw Nut
201776X	Hook Hopper Screw Nut (4)
201776X	Hook Ram Guide Plate Screw Nut (3)
201776X	Hook Transfer Track (upper) Support Plate Screw Nut (4)
201777XC	Work Gauge Screw Nut
201780X	Cam Shaft Frame Screw Nut (4)
201780X	Hook Ram Cam Bracket Screw Nut (2)
201781X	Cam Shaft Reductor Screw Nut (4)

MACHINE NO. 710w1

310001 Base with 310152, and 350720ALX  
310002 " Cover  
350686X " " Screw  
310020 Belt Tightener Roller  
310160 " " " Stud  
310161 " " " " Bracket  
350737ALX " " " " " Screw  
310589 " " " " " " Washer  
310162 Belt Tightener complete, for Hopper Rotor Driving Shaft Pulley  
Belt, Nos: 310020, 310160 and 310161  
310003 Cam with 350707ALX and 350773ALX  
310138 " Driving Shaft  
310139 " " " Coupling with 350595XC and 350721ALX  
310140 " " " " Key  
350721ALX " " " " Position Screw  
350595XC " " " " Set Screw  
310141 " " " Interlocking Sleeve  
310143 " " " " " Retaining Ring  
310142 " " " " " Spring  
310143 " " " Retaining Ring  
310004 " Key  
350773ALX " Position Screw  
350707ALX " Set Screw  
310005 " Shaft with 310010  
310144 " " Bearing Block

MACHINE NO. 710w1

257155		Cam Shaft Bearing Block Pin (spirol)
350754ALX	"	" " " " Screw (4)
310137	"	" Coupling and Pulley with 350595XC and 350721ALX
310140	"	" " " " " Key
350721ALX	"	" " " " " Position Screw
350595XC	"	" " " " " Set Screw
310008	"	" " Frame with two 350720ALX
232866	"	" " " Dowel Pin (2)
350758X	"	" " " Screw (long)
350759X	"	" " " " (short) (3)
201780X	"	" " " " Nut (4)
310009	"	" " Hand Wheel with two 350690ALX
350690ALX	"	" " " " Set Screw
310010	"	" " Oil Cup
310011	"	" " Reductor
350665ALX	"	" " " Screw (4)
201781X	"	" " " " Nut (4)
310013	"	" " " Shaft Pulley (loose)
310163	"	" " " " " " Retaining Ring
310014		Feed Carrier Bracket with 310010, two each 201759X and 350751X
310010	"	" " " Oil Cup
310015	"	" " " Regulator Block
310016	"	" " " " " Link (2)
310017	"	" " " " " " Pin (2)

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310126	Feed Carrier Bracket Regulator Block Link Pin Retaining Ring (4)
350718E	" " " " " Screw
350719ALX	" " " Screw (2)
350751X	" " " Stop Screw
201759X	" " " " " Nut
310018	" Starting Lever with 310152
310168	" " " Return Spring
310152	" " " " " Hook (threaded)
310020	" " " Roller (ball bearing)
310021	" " " " Cam
350734X	" " " " Screw Stud
201773X	" " " " " " Nut
310022	" " " " Spacer
310023	" " " Shaft with 310010
310010	" " " " Oil Cup
350720ALX	" " " " Set Screw
310024	" " " Spacer with 350721ALX
350721ALX	" " " " Set Screw
203172	" " " Thrust Washer (2)
310200	Hook
310201	" Back Plate
310025	" " " Ejector Handle
310026	" " " Feed Slide
310027	" " " " " Block
232866	" " " " " " Dowel Pin (2)

MACHINE NO. 710w1

350737ALX	Hook	Back	Plate	Feed	Slide	Block	Screw	(6)
310028	"	"	"	"	"	"	Gib	(2)
350689ALX	"	"	"	"	"	"	"	Screw (6)
310029	"	"	"	"	"	"	"	Spacer (2)
310128	"	"	"	"	"	"	Wear Plate	(left)
310129	"	"	"	"	"	"	"	(right)
350738ALX	"	"	"	"	"	"	"	Screw (4)
310030	"	"	"				Magazine	
310031	"	"	"	"			Clamp Plate	
350722ALX	"	"	"	"	"	"	"	Screw (2)
310032	"	"	"	"	"	"	"	Tension Spring (2)
310033	"	"	"				Separating Plate	
350728ALX	"	"	"	"	"	"	"	Screw
310034	"	"	"				Tension Bar	
350719ALX	"	"	"	"	"	"	"	Screw (2)
310127	"	"	"	"	"	"	"	Spacer (2)
310035	"	"	"	"	"	"	"	Spring (2)
310173	"	"	"				Weight	
310036	"		Catch Plate					
310037	"	"	"				Lever with 249571	
350731ALX	"	"	"	"	"	"	"	Screw (2)
201775X	"	"	"	"	"	"	"	Nut (2)
249571	"	"	"				Position Pin	
350723ALX	"	"	"				Screw	
310032	"	"	"				Tension Spring	
310084	"	"	"	"	"	"	"	Washer

MACHINE NO. 710w1

* 310155	Hook Closing Finger (center)
* 310050	" " " " Hinge Pin
* 310049	" " " (outer)
* 310051	" " " " Hinge Pin
* 310039	" Die (2)
310174	Hook Die Assembly, Nos. 310041, 310046, 310047, 310050, 310155, two
* 310041	" " Anvil each 310039, 310045, 310049, 310051 and 350741ALX
310042	" " " Pressure Lever
310020	" " " " " Roller (ball bearing)
350735X	" " " " " " Screw Stud
201773X	" " " " " " " " Nut
310043	" " " " " Shaft with 310010
310010	" " " " " " Oil Cup
350720ALX	" " " " " " Set Screw
231836	" " " " " Spacing Washer (2)
350724XC	" " " " " Screw
310044	" " " " " Bushing
201774X	" " " " " Nut
* 310045	" " " Retaining Pin
* 310046	" " " Block (left)
* 310047	" " " (right)
350741ALX	" " " Clamping Screw
* 310045	" " " Dowel Pin
350725ALX	" " " Screw (2)
* 310045	" " " Pin
310048	" " " Cover Plate
350653ALX	" " " " " Screw (4)
310052	" Holder



MACHINE NO. 710w1

350695ALX	Hook	Holder	Screw			
310053	"	"	Support with 257128			
201774X	"	"	"	Lock	Nut	
350774ALX	"	"	"	Set	Screw	
310054	"	Hopper				
310055	"	"	Bracket			
232866	"	"	"	Dowel	Pin (2)	
350741ALX	"	"	"	Screw	(4)	
201776X	"	"	"	"	Nut (4)	
310056	"	"	Cover			
350755ALX	"	"	"	Hinge	Screw	
201776X	"	"	"	"	"	Nut
310136	"	"	"	Tension	Spring	
53563X	"	"	"	Thumb	Nut	
350695ALX	"	"	"	"	"	Screw
310057	"	"	Rotor			
350743X	"	"	"	Clamping	Screw	
310132	"	"	"	"	"	Washer
310058	"	"	"	Driving	Shaft	
310145	"	"	"	"	"	Gear (spiral) with two 350595XC
350595XC	"	"	"	"	"	Set Screw
310146	"	"	"	"	"	Thrust Washer
310059	"	"	"	"	"	Pulley with two 350595XC
310060	"	"	"	"	"	Belt

MACHINE NO. 710w1

350595XC	Hook Hopper Rotor Driving Shaft Pulley Set Screw
310146	" " " " " " Thrust Washer
310147	" " " Gear (spiral) with two 350721ALX
350721ALX	" " " " Set Screw
310148	" " " " Thrust Washer
310064	" " " Shaft
350690ALX	" " " " Screw
310149	" " " " " Washer
350737ALX	" " Screw (4)
201776X	" " " Nut (4)
310065	" Position Plate
310066	" " " Bracket with 310150
350732ALX	" " " " Screw (2)
310150	" " " Pin
310067	" " " Tension Spring
310068	" " " " " Block
350728ALX	" " " " " " Screw
310069	" Ram with 1241D, and two 350737ALX
310070	" " Cam
310071	" " " Bracket with 201752X, 310152 and 350772X
232866	" " " " Dowel Pin (2)
350760X	" " " " Screw (left)
350761X	" " " " " (right)
201780X	" " " " " Nut (2)
350725ALX	" " " Position Screw (2)

MACHINE NO. 710w1

310072	Hook Ram Cam Support Plate
250397	" " " " " Dowel Pin (2)
350756X	" " " " " Screw (3)
201775X	" " " " " " Nut (3)
310073	" " Guide Plate (inner)
310074	" " " " (outer)
350729ALX	" " " " Screw (3)
201776X	" " " " " Nut (3)
310075	" " " " Spacer (lower)
310076	" " " " Spacer (upper)
310133	" " Hinge Pin
350720ALX	" " " " Set Screw
310169	" " Return Spring
1241D	" " " " Screw Eye
351891	" " Roller (ball bearing)
310134	" " " Screw Stud
350737ALX	" " " " " Adjusting Screw
201781X	" " " " " Nut
310079	" " Starting Lever with 350720ALX
310080	" " " " Extention Plate
310081	" " " " Return Spring
310152	" " " " " " Hook (threaded)
310020	" " " " Roller (ball bearing)
350735C	" " " " " Screw Stud
201773X	" " " " " " " Nut

MACHINE NO. 710w1

310082	Hook Ram Starting Lever Shaft with 310010
310010	" " " " " Oil Cup
350720ALX	" " " " " Set Screw
350772X	" " " " " Stop Screw
201752X	" " " " " " Nut
203172	" " " " " Thrust Washer
203172	" " Thrust Washer (2)
310083	" Release Plate
257128	" " " Position Pin (spirol)
350730ALX	" " " Screw
310032	" " " Tension Spring
310084	" " " " " Washer
310085	" Transfer Exit Track (hopper)
350726ALX	" " " " " Screw (2)
310086	" " Lead Track (hopper)
310087	" " " " " Clamp (back)
350725ALX	" " " " " " " Screw
310088	" " " " " " (side)
350725ALX	" " " " " " " Screw
310170	" " " " " Spacing Washer (.025 thick)
310171	" " " " " " Washer (.030 thick)
310172	" " " " " " Washer (.035 thick)

Note: One of the above washers is furnished with this machine in thickness required.

310089 Hook Transfer Track (center)

MACHINE NO. 710w1

310090	Hook Transfer Track (center) Plate
310091	" " " " Retaining Plate
350715ALX	" " " " " " Screw (5)
350715ALX	" " " " Screw (7)
310092	" " " " Support Plate
350719ALX	" " " " " " Screw
310151	" " " " " " Spacer
350741ALX	" " " " " " " Screw (2)
310093	" " " (lower)
310094	" " " " Plate
350719ALX	" " " " " Screw (2)
350732ALX	" " " " Screw (2)
310095	" " " (upper)
310096	" " " " Plate
350715ALX	" " " " " Screw (3)
350731ALX	" " " " Screw (2)
201775X	" " " " " Nut (2)
310097	" " " " Support Plate
350719ALX	" " " " " " Screw (4)
201776X	" " " " " " Nut (4)
310098	Machine Cover (back)
310164	Machine Cover (back) complete, Nos. 310098, 310099 and seven 350739X
310099	" " " Flange Plate
350739X	" " " " " Screw

MACHINE NO. 710w1

350740X Machine Cover (back) Screw (6)  
310100 " " (front)  
310165 Machine Cover (front) complete, Nos. 310100,310101 and four  
350739X  
310101 " " " Flange Plate  
350739X " " " " " Screw  
350740X " " " Screw (4)  
310102 " " (left)  
310166 Machine Cover (left) complete, Nos. 310102,310103 and three  
350739X  
310103 " " " Flange Plate  
350739X " " " " " Screw  
310104 " " (right)  
310167 Machine Cover (right) complete, Nos. 310104,310105 and four  
350739X  
310105 " " " Flange Plate  
350739X " " " " " Screw  
350740X " " " Screw (4)  
310106 " " (upper,back)  
310107 " " (upper,front)  
310108 " Starting Switch Contact Block  
350727ALX " " " " " Screw  
310109 " " " Lever  
310110 " " " " 310109 with 310108 and 350727ALX  
350745ALX " " " " Hinge Screw  
310135 " " " " " Washer

MACHINE NO. 710w1

310112	Machine Starting Switch Lever Releaser Plate
310113	" " " " Spacer
310114	Motor Mount Plate
350744ALX	" " " Screw (4)
310115	" Pulley Belt (V-belt)
350751X	Safety Switch Actuating Screw
201759X	" " " " Nut
310116	Work Gauge
310117	" " Button
310118	" " Guard
350669ALX	" " " Screw (2)
310119	" " Guide Bar
310120	" " " " Bracket
350732ALX	" " " " " Screw (lower)
310153	" " " " " " Collar
350733ALX	" " " " " (upper)
310121	" " " " Cushion (rubber)
310122	" " " " Retaining Plate
350715ALX	" " " " " " Screw (2)
350757ALX	" " " " Screw
310123	" " " " Spring
310124	" " " " " Retaining Plate
350682ALX	" " " " " " " Screw
350742X	" " " Screw
201777XC	" " " Nut
310125	" " Slide

MACHINE NO. 710w1 - ELECTRICAL PARTS

310157 Armature Hub Retaining Spring  
350764ALX " " " " Screw  
310158 " Spring Washer  
995902 Cam Switch  
995903 " " Enclosure  
350767X " " Screw (2)  
201762X " " " Nut (2)  
257210 " " Wiring Solder Lug (self locking)(2)  
995895 Capacitor (600 Volts D.C. 2x.1 MFD.)  
350699X " Screw (2)  
257124 " " Lock Washer (2)  
995916 Control Box  
995914 " " Cover  
350699X " " " Screw (4)  
350686X " " Screw (3)  
257124 " " " Lock Washer (3)  
350699X " Panel Screw (3)  
257124 " Panel Screw Lock Washer (3)  
995946 Fuse (1 Amp. 250 Volts), for 995947  
995897 " (10 Amp.), for 995898  
995898 " Mount, for 995897  
995947 " " " 995946  
995866 " " Insulator, (mounted under 995947)  
350740X " " Screw, for 995947  
194120 Light Lamp (115 Volts)



MACHINE NO. 710w1 - ELECTRICAL PARTS

995908 Light Lamp Socket  
350762X " " " Screw (2)  
995899 " " Wiring Grommet (rubber) (mounted in Ram Cam Bracket)  
995901 Machine Starting Switch  
995903 " " " Enclosure  
350767X " " " Screw (2)  
257206 " " " " Washer (fibre) (2)  
995899 " " " Wiring Grommet (rubber) (mounted in  
Ram Cam Bracket)  
995909 Magnetic Clutch (brake)  
995910 " " (drive)  
228907 " " " Retaining Chain with 202784  
(4 11/16 inches long)  
202784 " " " " Chain Hook  
350686X " " (drive) Retaining Chain Screw  
995907 Main Power Cord with Plug  
995956 " " " Adapter Plug  
995896 " " " Bushing (mounted in rear of Base)  
995900 " " Switch (toggle)  
310156 " " " Cover  
350727ALX " " " " Screw (3)  
995948 " " " Terminal (4)  
995899 " " " Wiring Grommet (rubber) (2)  
995949 Mini Box  
228895 " " Grommet (rubber) (2)  
350680ALX " " Screw (2)

MACHINE NO. 710w1 - ELECTRICAL PARTS

995915 Motor (115 Volts A.C. 60 Cycle, 1725R.P.M.)  
310159 " Pulley with 350661ALX  
350661ALX " " Set Screw  
350744ALX " Screw (4)  
201782X " " Nut (4)  
995957 Resistor (47 Ohm, 1/2 Watt)  
995958 Safety Switch  
995903 " " Enclosure  
350767X " " Screw (2)  
257206 " " " Washer (fibre) (2)  
995863 Silicon Diode Rectifier (4)  
995865 " " " Mount (2)  
995867 " " " " Insulator (2)  
995864 " " " " " Pad (2)  
350706 " " " " Screw (brass) (4)  
995868 Surge Current Resistor (10 Ohms, 10 Watts)  
350768X " " " Screw  
257124 " " " " Lock Washer  
257206 " " " " Washer (fibre) (2)  
257207 " " " " " (steel) (2)  
995906 " " " Spacer (insulated)  
995911 Timor Relay (2)  
350699X " " Screw (4)  
257124 " " " Lock Washer (4)  
995912 Wiring Cradle (mounted on Base)

MACHINE NO. 710w1 - ELECTRICAL PARTS

995950	Wiring Cradle (mounted on Cam Shaft Frame)
995913	" " Clip, for 995912
995951	" " " " 995950
350696X	" " Screw (2)
257205	" " " Lock Washer (2)
995953	" Lock (yellow) (4) (for internal wiring in Mini Box)
995899	" Grommet (rubber) (mounted in Base)
995904	" Plug
350686X	" " Screw (2)
995905	" Socket
995954	" " Insulator (rubber)

MACHINE NO. 710w1

ACCESSORIES

51078	Base Bolt (2)
6055	" " Washer (2)
310175	Pick with Magnet
228491	Pressure Oiler
239350	Pliers
11831	Screw Driver
23766	Wrench
255540	" (2)
257163	" (5/64" Hex.)
267242	" (3/32" Hex.)
144465	" (1/8" Hex.)
239353	" (5/32" Hex.)
239352	" (3/16" Hex.)
262127	" (7/32" Hex.)