how to install your new KENMORE AUTOMATIC WASHER

SEARS
ROEBUCK AND CO

before you begin, be sure you have . . .

☐ **proper electrical supply . . .** a nominal 120-volt, 60-cycle, 15 or 20 ampere fused electrical supply is required (slow blow fuse or Circuit Breaker recommended). It is recommended a separate circuit, serving only the automatic washer, be provided. *Check with local utility for governing electrical codes and ordinances.*

☐ **proper plumbing . . .** it is essential to have threaded faucets on hot and cold water outlets within five (5) feet of the water inlets on back of the washer. For Suds-Saver model a laundry tub of at least twenty gallon capacity is necessary. The tub may be a double compartment type, 20 gal. each compartment, or a single compartment type with a special standpipe assembly (part #72286). For non-suds return model and if laundry tub is not available, provide a standpipe with a minimum diameter of two inches. *Note:* Any suitably trapped drain having a minimum carry-away capacity of fourteen (14) gallons per minute will meet the requirements of either the Suds-Saver or non-suds return model.

☐ **proper room temperature . . .** your washer should be installed where temperatures will not go below freezing. Otherwise damage to machine may result.

☐ **proper drainage . . .** the drain hose must discharge into tub or standpipe at a minimum height (from base of the washer) of thirty-four (34) inches and a maximum height of seventy-two (72) inches. If discharge hose is directed to a floor drain a proper syphon break must be installed. This can be obtained from Sears Service (part #76660).

☐ **proper water pressure . . .** a minimum pressure of ten (10) p.s.i. and maximum pressure of 120 p.s.i. is recommended for proper operation.

☐ **proper hot water temperatures and capacity . . .** for best washing your water heater should provide water to the washer at 140 to 160 degrees (Fahrenheit). In some cycles a maximum of thirty (30) gallons of hot water is required per load. In this instance, a thirty gallon capacity hot water heater is required. If two or more loads are washed consecutively, a larger heater is required. A twenty gallon quick-recovery water heater may be used if only one load is to be washed. For two or more consecutive loads, a thirty gallon quick-recovery water heater is required. Allow several minutes between loads for water temperature recovery to take place.

☐ **proper tools . . .** no special tools are needed in most installations, all you'll need are such common tools as screwdriver, pliers and adjustable end wrench.

☐ **the necessary installation parts are packed inside washer basket . . .** two inlet hoses, two drain hoses, two front leveling feet with two lock nuts, one plastic hose connector, one hose clamp, two screen hose washers, two standard hose washers, electrical socket adaptor plug and ground assembly. Porcelain models will have two additional flat washers packed with the above parts. Important: If you have a Suds-Saver model there will be four drain hoses, two plastic hose connectors and two hose clamps.

☐ **Note: flush out water supply lines . . .** before installation, both hot and cold water supply lines should be flushed out, to prevent sediment in lines from clogging screens in washer water valve. This is especially important with new home construction.

now you are ready to begin . . .

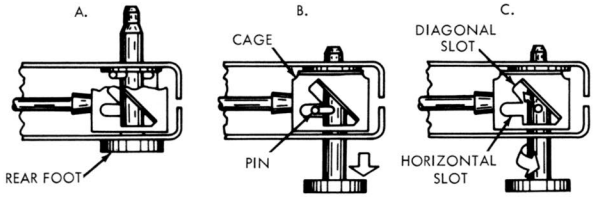
Just follow these instructions step by step

☐ *I. remove shipping assembly*

Caution: Do not grasp console to move machine. After removing literature and installation parts from the washer basket, lay the washer on its back using two packing carton corner supports for protection. Pull or break out the foam plastic block in the upper left-hand corner.

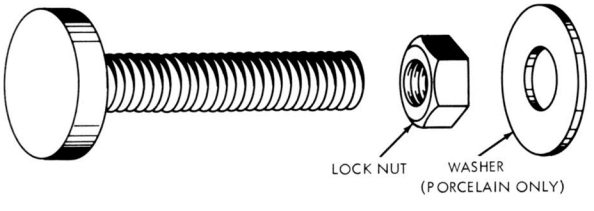
☐ *II. rear leg assembly*

Slide right-hand rear foot (7) down until the pin is aligned with horizontal slot in cage. Turn right foot clockwise ¼ turn, then pull foot down as far as it will go and move leveling link bar inside channel to left. Follow Steps A, B, and C below. Now, position left-hand rear foot (8) using same procedure as right foot.



☐ *III. front leg assembly*

Turn a lock nut well down (about ½" from rubber foot) onto each front leveling foot (9). Screw the feet into the front corners of the washer (on porcelain models it is necessary to place flat washers, found in the miscellaneous parts bag, over each lock nut). Now stand the washer upright.



☐ *IV. shipping assembly removal (rear of machine)*

Remove the rear panel (1) by first removing two screws at the bottom of panel and swing the panel up and toward you. Now remove the wooden shipping blocks between the base plate and cabinet inside the left and right rear corners of the washer by removing the nut, washer and bolt assemblies (2). These assemblies are for protection to the product during shipping, save for reuse if machine is moved to another residence. Push base plate forward and remove the foam plastic block in the left-hand corner.

COLD
HOT
29
24
18
28
23
SELF CLEANING FILTER MODELS ONLY
25
20
REGULAR FILTER MODELS
26
21
13
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19
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33
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17
3
27
22
3
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7
15
8
10
16
SELF CLEANING FILTER MODELS (SEE IV NOTE)
22
27
1. REAR PANEL

☐ *V. drain hose assembly*

Remove colored stopper from the washer discharge hose outlet (10) at back of the washer. Place a hose clamp (11) on the discharge hose and connect to the washer (On models with a Self-Cleaning Filter, insert a thin blade, such as a putty knife, between top and cabinet front 2½ inches from each corner and depress. Raise top and hold hose at connectors at left rear corner with your hand while connecting discharge hoses.) Connect the two drain hose sections (12 & 13) using furnished plastic connector (14). If necessary, shorten drain hose by cutting at plastic hose connectors to fit installation . . . avoid stretching or kinking. Be sure discharge end of hose is secure to drain pipe or properly placed in tub and that it is above the normal water level of the washer (minimum height, thirty-four (34) inches; maximum height, seventy-two (72) inches from base of the washer to prevent syphoning. Note: Under no circumstances may the drain hose be connected directly to the drain unless an adequate syphon break is provided in accordance with local plumbing codes.

Note: the drain hose outlet (10) on the Self Cleaning Filter models protrudes from the right top corner as you face the back of the washer. The Suds-Saver hose (16) is nearest the corner and has ribbed surface. The drain hose is to the left of the Suds-Saver hose and has a smooth surface. (See insert illustration.)

☐ *VI. suds return hose assembly* (For Suds-Saver Models only)

Place hose clamp (15) on suds return hose before connecting hose to suds return hose outlet (16). Connect the two suds return hose sections (17 & 18) using furnished plastic connector (19). If necessary, shorten the suds return hose by cutting (do not cut angled end) . . . avoid stretching or kinking. Be sure wire guard (33) is properly positioned (¼″ to ⅜″ beyond end of hose).

☐ *VII. hot water hose assembly*

Insert flat hose washer (21) in the end of hose (20) that connects to hot water inlet valve on back of the washer (see 'H' mark on cabinet for hot) (22). When connecting hose, be careful to screw the coupling on straight. Insert a filter washer (23) . . . screen side toward the faucet . . . to end of hose that connects to hot water faucet (24). *Caution:* do not deform filter washer screen. When connecting hose, *be sure that it is connected properly from the hot water inlet on the washer* (22) *to the hot water faucet* (24).

☐ *VIII. cold water assembly*

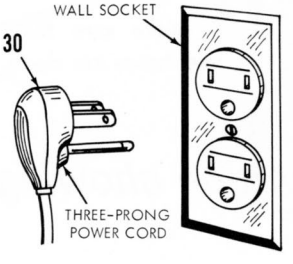
Insert flat hose washer (26) in the end of hose (25) that connects to cold water inlet valve on back of the washer (see 'C' mark on cabinet for cold) (27). *Caution:* When connecting hose be careful to screw the coupling on straight. Insert filter washer (28) to end of hose that connects to cold water faucet (29) . . . screen side toward the faucet. *Caution:* do not deform filter washer screen. When connecting hose, *be sure that it is connected properly from the cold water inlet on the washer* (27) *to the cold water faucet* (29).

☐ *IX. electrical connection*

For three-prong wall socket . . . just plug in three-prong electric power cord (30). *Do not, under any circumstances,* remove the electric cord ground prong *(the round, center prong).*

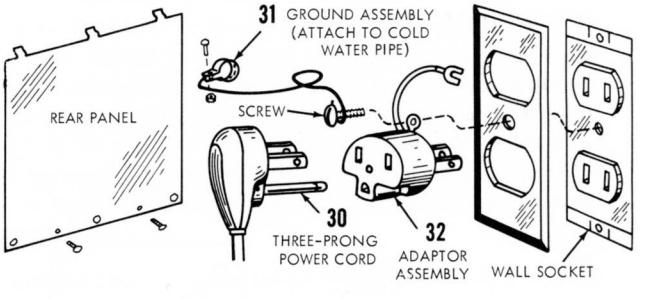
For two-prong wall socket . . . the standard two-prong wall socket must be provided with a three-prong adaptor socket (32), grounded in accordance with local electrical codes. *If changing and properly grounding the wall socket is impossible (and where local codes permit) the temporary adaptor may be plugged into the wall socket* to mate with the three-prong electric power cord. This, however, is not recommended. If this *is* done, *you must* connect the ground lug on the adaptor plug to the wall socket cover plate screw. When ground lug can not be used, the green wire can be connected to the wall socket cover plate screw. Also, where adaptor is used, you must connect the ground wire (31) and clamp assembly to the cold water pipe and the other end of the wire to one of the screws on the rear panel of the washer or to the screw in the wall socket cover plate.

three-prong power cord wall socket



Note: The illustration to the left shows assembly for three-prong wall socket. The illustration below shows assembly for two-prong wall socket.

Use of an electrical extension cord is *not* recommended.



☐ *X. leveling your machine*

Now move the washer to its permanent operating location. Fill the washer with water up to the first row of holes in the basket. Then, level the washer from front to rear and from side to side by adjusting the front leveling feet until the water is level with the row around the basket. *The rear feet need no adjusting . . . they are self-leveling.* Tighten the lock nuts (on the front feet) securely against the machine's bottom after adjusting.

☐ *XI. now make a cycle check*

With washer control in OFF position, turn water supply lines on and check for leaks. Now refer to your operating instructions and run your washer through one complete cycle. Use one-half the recommended amount of detergent (see owner's manual). Now check all hoses and connections. See that they are operating properly and that they do not leak.

Important operating information! Before you call for service check these points

1. Make sure the electric cord is plugged in and proper electrical contact made. Check fuses to be sure none are blown.

2. Make sure cycle has been selected and timer knob has been pushed in.

3. Make sure the water faucets are turned on.

4. Make sure hot and cold water hoses are connected to proper outlets. (See installation instructions numbers VI and VII.)

5. Make sure the screen filters in the inlet hoses are clean.

6. Make sure inlet and drain hoses are not kinked.

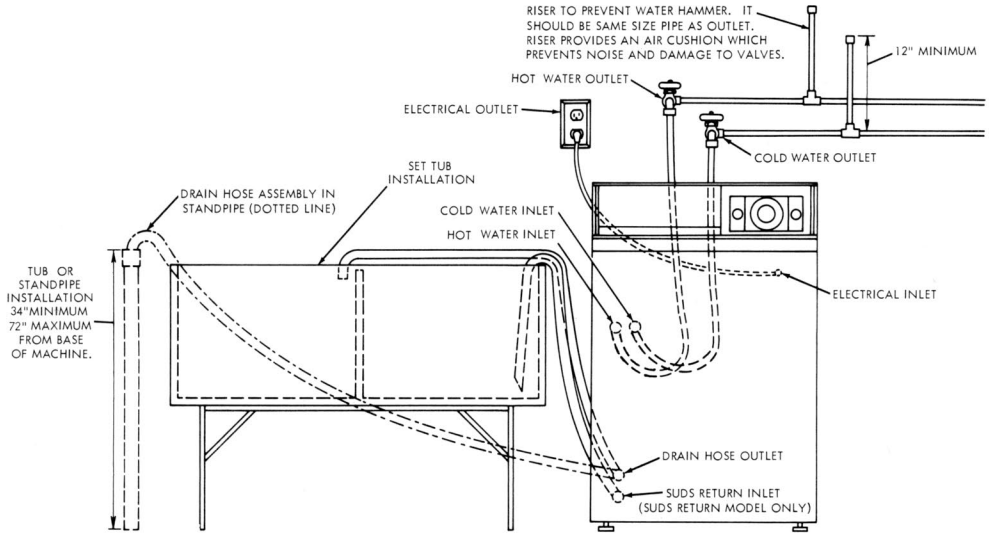
7. The washer will not spin if lid is open.

8. Some models have an "Unbalance Switch" which stops the washer if unbalanced load occurs in spin. When this happens, pull the timer knob out, rearrange the clothes, close the lid and push the timer knob in.

9. Excess suds cause "suds lock", slow spin and poor rinsing. If spinning is slow and excess suds is present set the cycle for an additional deep rinse. On future loads, use less detergent or a controlled suds type detergent.

illustration showing complete typical assembly

This illustration shows a typical assembly for a Suds-Saver model. For a non-suds return model there would be no suds return hose assembly. For either model you may use a standpipe drain assembly (see dotted line). Drain hoses on models with the Self-Cleaning Filter are located at the upper right-hand corner of the rear of the cabinet.



Special reminders . . .

Shut off hot and cold water outlets when washer is not in use. Drain machine to prevent damage if washer will be subjected to freezing temperatures.

Be sure open end of drain hose doesn't fall down, or drop lower than the water level in the machine. Water will syphon out of washer if this happens.

for complete information on the operation of the Kenmore, be sure to read the owners manual

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