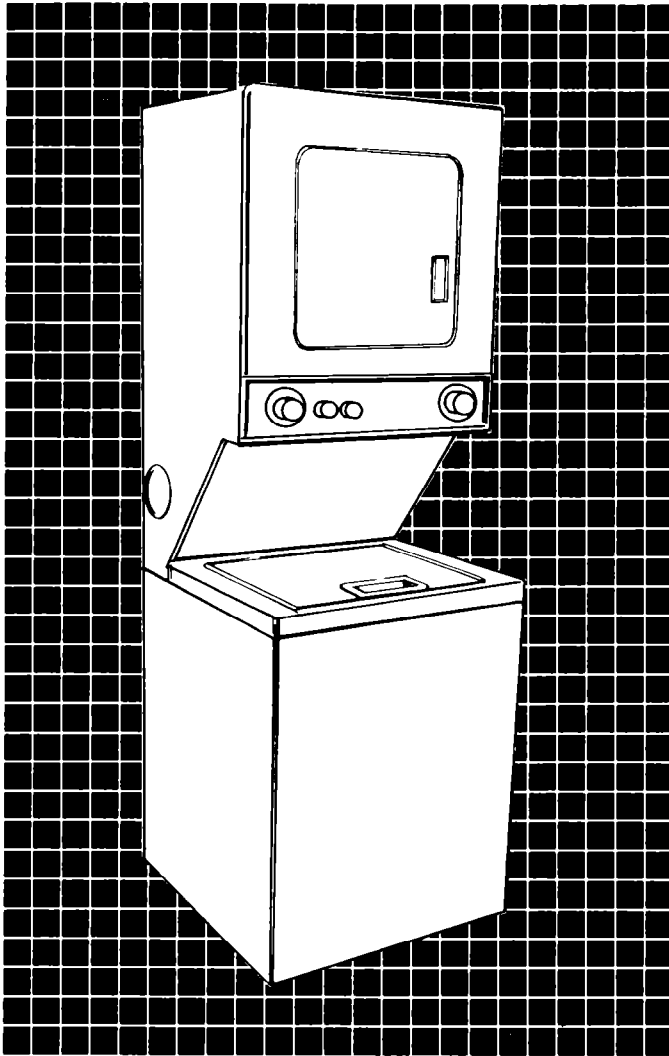


Installation Instructions



KitchenAid®

Laundry
Center

Washer • Dryer
240 Volt

Before you start...

Check location where washer/dryer will be installed. Proper installation is your responsibility. Make sure you have everything necessary for correct installation.

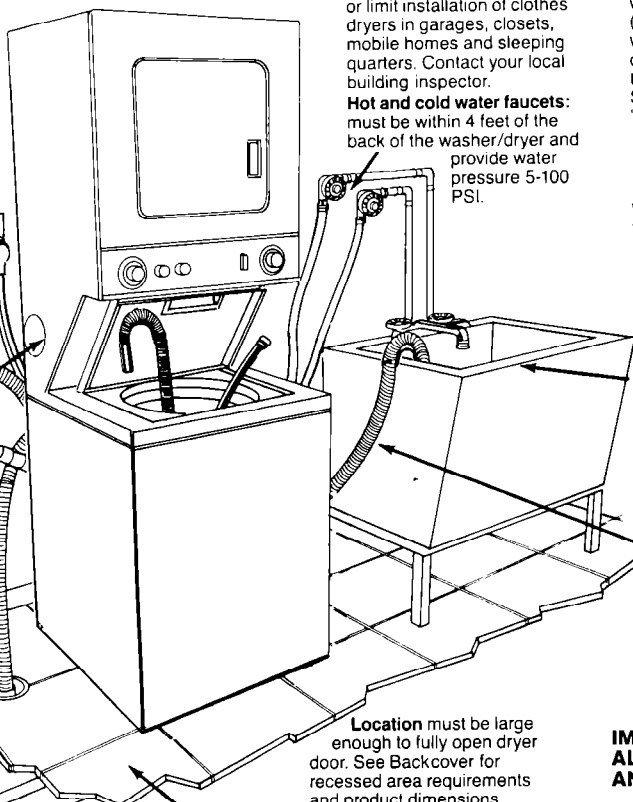
Grounded electrical outlet: is required. See Electrical Requirements.

Standpipe drain system: needs a two-inch diameter standpipe with minimum carry-away capacity of 17 gallons per minute. Top of standpipe must be at least 28 inches high and no higher than 48 inches from floor.

Dryer may be exhausted from the rear or left or right side. Exhausting through the side requires Kit LCK4600. See Exhaust Requirements, Panel B.

Floor drain system: requires a siphon break, Part No. 285320, available from KitchenAid authorized parts distributors.

SEE RECESSED AREA INSTRUCTIONS ON BACK COVER.



Check code requirements, some codes do not permit or limit installation of clothes dryers in garages, closets, mobile homes and sleeping quarters. Contact your local building inspector.

Hot and cold water faucets: must be within 4 feet of the back of the washer/dryer and provide water pressure 5-100 PSI.

Protection from weather: do not store or operate washer/dryer below 32°F (some water may remain in washer). Proper operation of dryer cycles require temperatures above 45°F. See Use and Care Guide for "Winterizing" information.

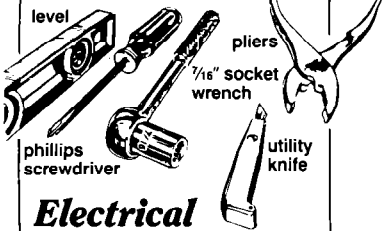
Water heater: set to deliver 140°F water to the washer.

Laundry tub drain system: needs a 20-gallon laundry tub. Top of tub must be at least 28 inches high and no higher than 48 inches from floor.

If a longer drain hose is needed, drain hose, Part No. 388423 and hose extension kit, Part No. 285442 are available from KitchenAid authorized parts distributors.

IMPORTANT: OBSERVE ALL GOVERNING CODES AND ORDINANCES.

Tools needed for installation.



Electrical requirements

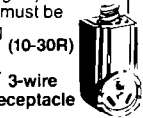
Electrical ground is required on this appliance.

Warning: Improper connection of the equipment grounding conductor can result in a risk of electrical shock.

1. A three-wire single phase 120/240 volt 60Hz AC only electrical supply (or three-wire 120/208 volt if specified on nameplate) is required on a separate 30 ampere circuit, fused on both sides of the line (time-delay fuse or circuit breaker is recommended). Do not have a fuse in the neutral or ground circuit.

2. This washer/dryer is equipped with a 30 amp rated flexible type power supply cord (pigtail). Where local codes permit, it must be plugged into a mating 30 amp receptacle (10-30R) (NEMA type 10-30R). See Figure 1.

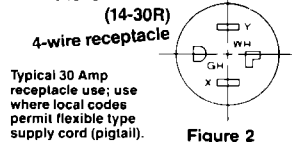
3. IF THE POWER SUPPLY CORD IS REMOVED, THE WASHER/ DRYER MUST BE CONNECTED WITH 10 GAUGE COPPER WIRE ONLY. Aluminum wire must not be used at the washer/dryer appliance terminal block, to avoid potentially unsatisfactory connections.



See Panel F, Alternate Electrical Connection, for detailed instructions.

4. When removing the power supply cord (pigtail), the appliance may be connected directly to the fused disconnect (or circuit breaker) box through flexible armored or non-metallic sheathed 10 gauge copper cable. It is the personal responsibility and obligation of the customer to contact a qualified installer to assure that the electrical installation is adequate and is in conformance with the National Electrical Code ANSI/NFPA 70-1987 and local codes and ordinances. Allow slack in the line between the wall and the appliance so that it can be moved if servicing is ever necessary. A U.L. recognized strain relief must be provided at each end of the power supply cable (at the appliance and at the junction box). Wire sizes (10 gauge COPPER WIRE ONLY) and connection must conform with the rating of the appliance (30 amperes). DO NOT USE AN EXTENSION CORD.

5. **CAUTION** - For mobile home installation the 3-wire power supply cord must be removed and the appliance wiring must be revised. The appliance frame must not be connected to the neutral terminal, but must be connected to the grounding wire (green) of power supply cord. See Panel G, Alternate Electrical Connection - Mobile Home Installation, for detailed instructions.



If a four-wire receptacle of NEMA type 14-30R (see Figure 2) is available, a matching power

CAUTION:

- It is the customer's personal responsibility to ensure that gasoline, paint, thinners and other flammable material are not used or stored near the washer/dryer. Fumes from these materials could result in fire or explosion.
- Never install washer/dryer up against draperies or curtains. Keep any and all items from falling or collecting behind the washer/dryer.
- Replace all access panels before operating washer/dryer.

FOR YOUR SAFETY:

- Do not exhaust dryer into a chimney, furnace cold air duct, attic or crawl space, or any other duct used for venting. Accumulated lint could become a fire hazard or moisture could cause damage.
- The exhaust system should be cleaned at least every 2 years.
- Flexible duct should never be installed concealed in walls, ceiling or floor.

supply cord (pigtail) must be used. This cord contains four No. 10 gauge copper conductors with spade or ring terminals on the washer/dryer end and terminating in a NEMA type 14-30P plug on supply end. The Fourth (grounding) conductor must be identified by a green cover and the neutral conductor by a white cover. Cord should be type SRD or SRDT, with a U.L. recognized strain relief, and be at least 3 feet and no more than 6 feet long. The four wire power supply cord and strain relief are not provided with the washer/dryer.

Exhaust requirements

Four Inch Metal Exhaust Duct is required. (Do not use 3 inch exhaust duct.) Metal flexible duct may be used. Non-metallic flexible duct is not recommended.

Use Duct Tape to seal all joints.

Exhausting the dryer outside is recommended.

If dryer cannot be exhausted outside, use Exhaust Deflector Kit LCK4500 available from your KitchenAid dealer.

Exhausting the dryer through the side of the washer/dryer requires use of Side Exhaust Kit LCK4600. Follow installation instructions with the kit for proper exhaust installation.

Mobile Home Exhaust Requirements: see Panel F, Alternate Exhaust Method.

Metal Flexible Duct must be fully extended and supported when the dryer is in its final position. DO NOT KINK OR CRUSH THE DUCT.

Exhaust Duct should end with an exhaust hood to prevent exhausted air returning into dryer. The outlet of the hood must be at least 12 inches from the ground or any object that may be in path of exhaust.

2½" inch outlet Exhaust Hood should be used with short systems only. This outlet creates greater backward pressure than other hood types.

Exhaust Hoods with magnetic latches should not be used.

Maximum Length of the exhaust system depends upon the type of duct used, number of elbows and type of exhaust hood. The maximum length for both rigid and flexible duct is shown in chart.

NUMBER OF 90° TURNS	EXHAUST HOOD TYPE			MAXIMUM LENGTH OF 4" DIA. RIGID METAL DUCT
	4"	4"	2½"	
0	43 FT.	41 FT.	36 FT.	MAXIMUM LENGTH OF 4" DIA. FLEXIBLE METAL DUCT
1	33 FT.	31 FT.	26 FT.	
2	23 FT.	21 FT.	16 FT.	
0	30 FT.	29 FT.	24 FT.	MAXIMUM LENGTH OF 4" DIA. FLEXIBLE METAL DUCT
1	24 FT.	23 FT.	18 FT.	
2	16 FT.	15 FT.	10 FT.	

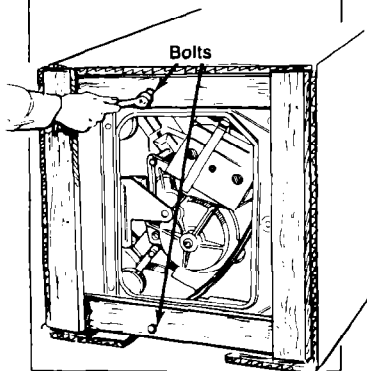
Caution: Exhaust Systems longer than specified will –

- Shorten the life of the dryer.
- Reduce performance – cause longer drying times and increase energy usage.
- Accumulate lint.

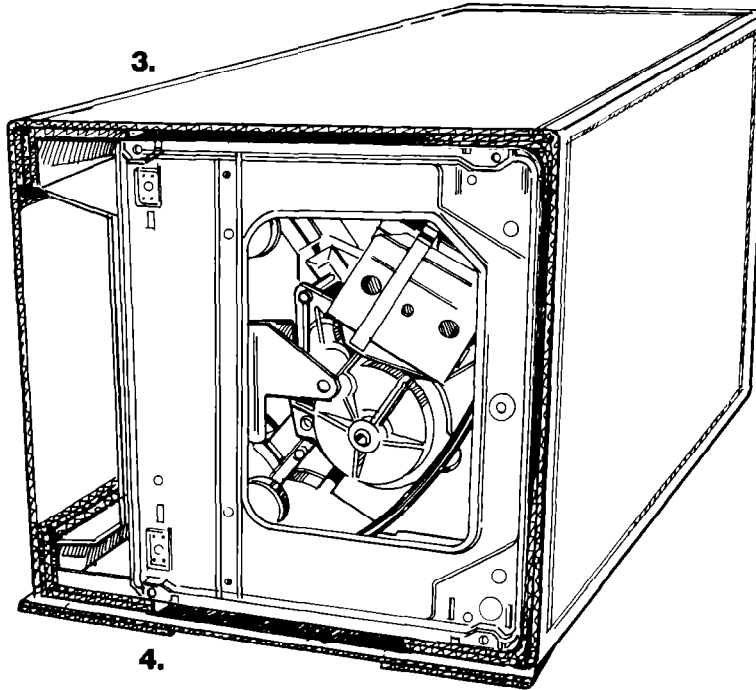
Now start...

1.

Use a ⅜ inch socket wrench to remove two bolts holding the wood pallet to the bottom of the washer/dryer.



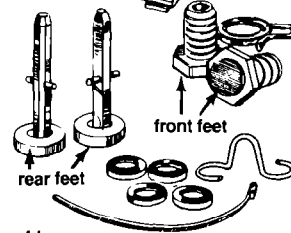
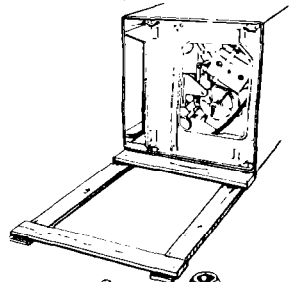
3.



4.

5.

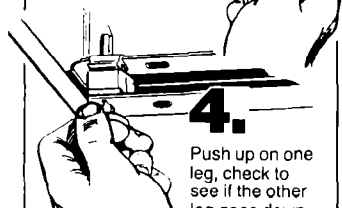
2. Remove pallet. Remove parts from plastic package. Check that all parts were included.



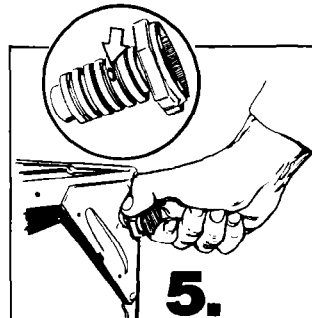
- 4 legs
- 1 hose clamp
- 4 flat water hose washers
- 1 plastic strap
- 1 wire form

3.

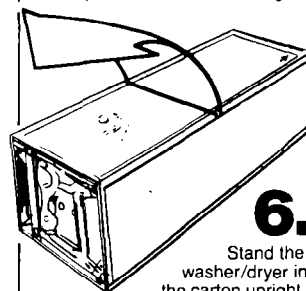
Insert rear leveling leg into the hole in the rear corner. Push the leg in until it snaps into place. Do the same thing with the other leveling leg in the other rear corner.



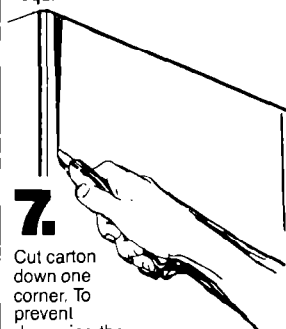
Check the other leg in the same way. (If the legs don't adjust, go through step 3 again.)



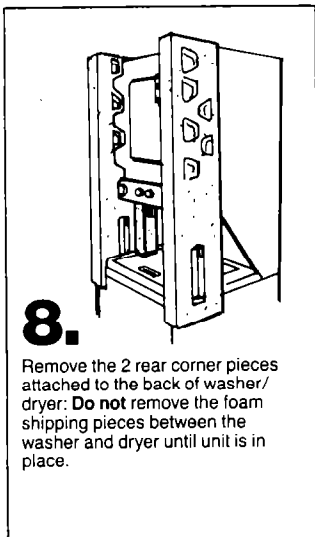
Find the diamond marking in the ridges of the front legs. Start to screw the front legs into the hole in the triangular brace at the front corner of the machine. A little liquid detergent to lubricate the screw will help. Use pliers to turn the leg all the way to the diamond marking.



Stand the washer/dryer in the carton upright. Because of the weight and size of the washer/dryer, two people are required.

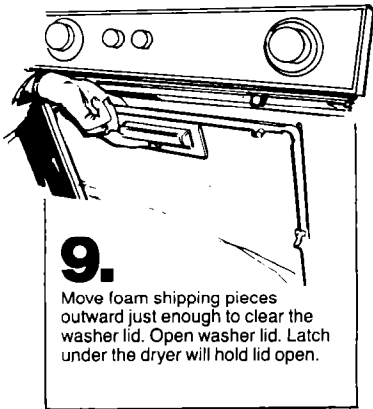


Cut carton down one corner. To prevent damaging the product do not remove corner post before cutting. Remove carton.



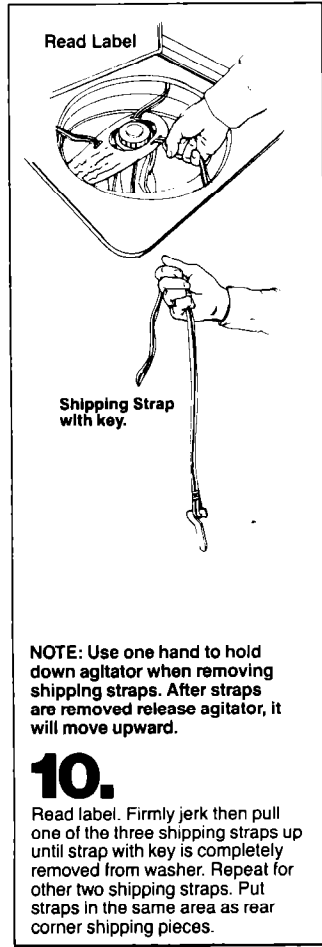
8.

Remove the 2 rear corner pieces attached to the back of washer/dryer: **Do not** remove the foam shipping pieces between the washer and dryer until unit is in place.



9.

Move foam shipping pieces outward just enough to clear the washer lid. Open washer lid. Latch under the dryer will hold lid open.



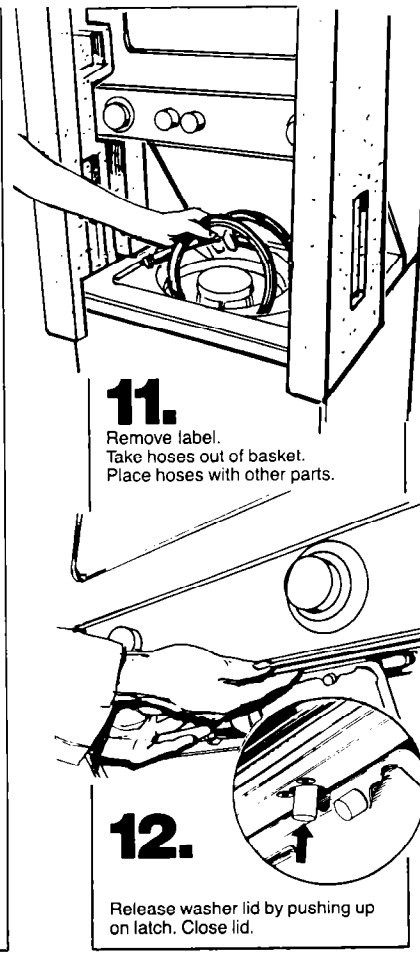
Read Label

Shipping Strap with key.

NOTE: Use one hand to hold down agitator when removing shipping straps. After straps are removed release agitator, it will move upward.

10.

Read label. Firmly jerk then pull one of the three shipping straps up until strap with key is completely removed from washer. Repeat for other two shipping straps. Put straps in the same area as rear corner shipping pieces.

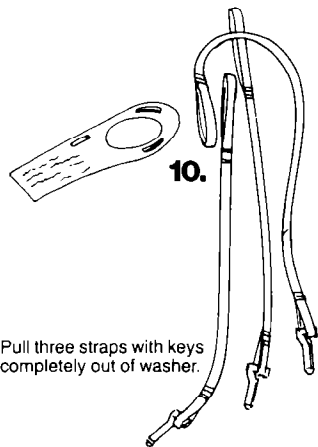


11.

Remove label. Take hoses out of basket. Place hoses with other parts.

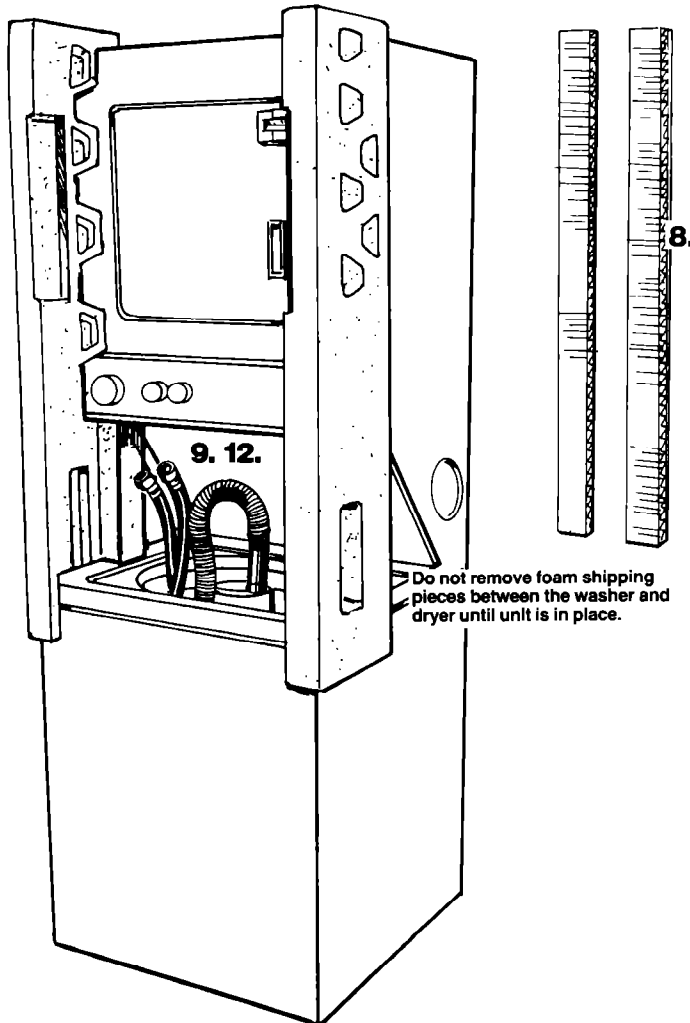
12.

Release washer lid by pushing up on latch. Close lid.



10.

Pull three straps with keys completely out of washer.



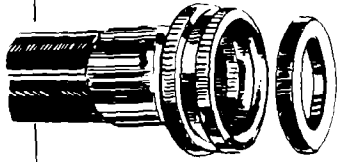
9. 12.

8.

Do not remove foam shipping pieces between the washer and dryer until unit is in place.

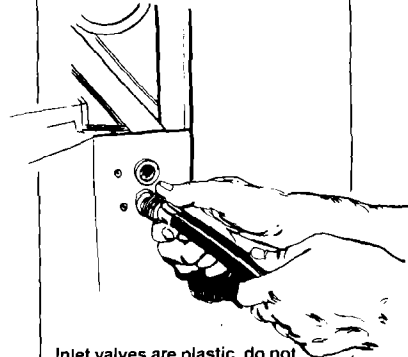
Numbers correspond to steps

Use new hoses and washers that came with your KitchenAid washer/dryer.



13. coupling washer

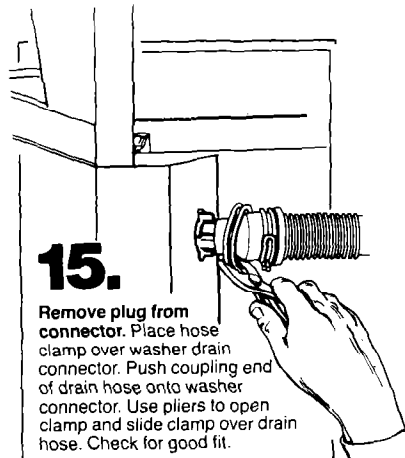
Insert a flat washer into each end of the inlet hoses. Check that washers are firmly seated in couplings.



Inlet valves are plastic, do not strip or crossthread.

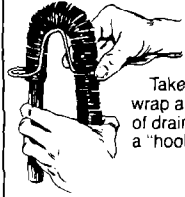
14.

Attach to bottom inlet valve opening first. Then second hose to top inlet valve. Tighten couplings by hand, then use pliers to make an additional two-thirds turn.



15.

Remove plug from connector. Place hose clamp over washer drain connector. Push coupling end of drain hose onto washer connector. Use pliers to open clamp and slide clamp over drain hose. Check for good fit.



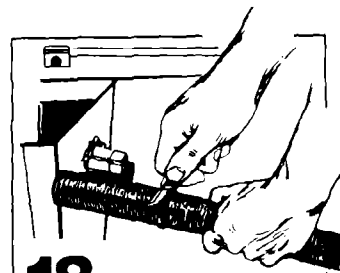
16.

Take wire form and wrap around free end of drain hose to make a "hook" shape.

Use caution when moving this appliance to prevent damage to floor coverings. Before moving, slide washer/dryer onto cardboard or fiberboard to prevent floor damage.

17.

Move washer/dryer close to final position. Put "hook" end of drain hose into laundry tub or standpipe. Check for proper length of drain hose.



18.

If drain hose is too long - disconnect. Remove clamp and coupling. Estimate length of drain hose needed. Cut flexible end of hose. (Do not cut hook-shaped end of drain hose.) Push and twist coupling securely onto drain hose. (You should feel top of hose through coupling.) Slide clamp over coupling and hose. Reinstall drain hose. See step 15.

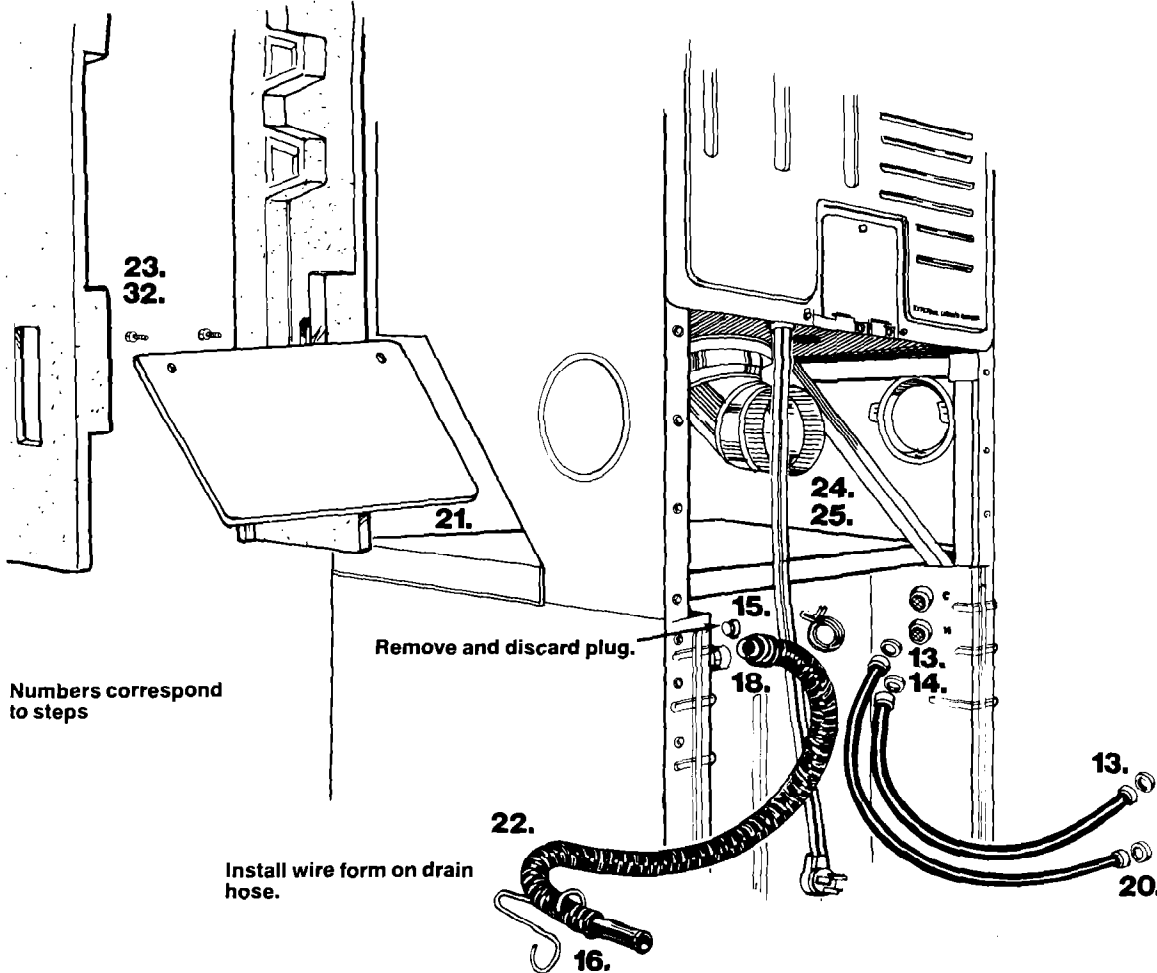


19.

Before attaching water inlet hoses, run water through both faucets to get rid of particles in water lines that might clog hoses.

20.

Attach bottom hose (inlet marked "H") to hot water faucet. Attach top hose (inlet marked "C") to cold water faucet. Tighten couplings to faucet by hand, then use pliers to make final two-thirds turn.



23.
32.

21.

24.
25.

Remove and discard plug.

15.

18.

13.

14.

13.

20.

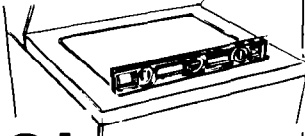
22.

Install wire form on drain hose.

16.

Numbers correspond to steps

Move washer/dryer to its permanent location.

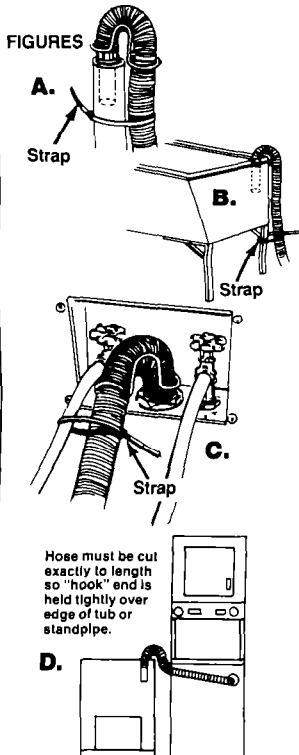


21. Check levelness of washer/dryer by placing a carpenter's level on top of washer, first side to side then front to back. If it is not level, screw the front legs up or down to adjust. Tilt washer forward raising back legs 1" off of floor to adjust rear self-leveling legs. Gently lower washer to floor. Make final check with level.

22.

Put "hook" end of drain hose in tub or standpipe. Secure drain hose by wrapping the plastic strap around the hose as shown in Figures A-C. If drain hose cannot be strapped in place, it must be cut exactly to length so the "hook" end is held tightly over the edge of the tub or standpipe as shown in Figure D.

CHECK THAT HOSE IS NOT TWISTED OR KINKED AND IS SECURELY IN PLACE.

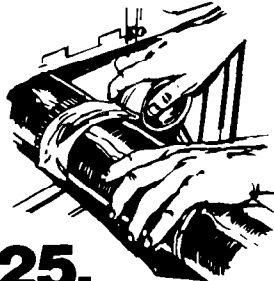


23. Remove the two foam shipping pieces between washer and dryer and place with other shipping pieces. If the exhaust ductwork can not be connected from the side of the washer/dryer, the exhaust duct can be reached from the front, through the access panel. Remove the access panel by unscrewing 2 phillips heads screws located at the top of the panel. Set panel and screws aside.

PANEL E

24.

To exhaust the dryer straight from back of the washer/dryer unit, determine if any additional exhaust duct is needed (see Exhaust Requirements, Panel B). To exhaust the dryer to either side or inside check if additional exhaust duct is needed and see Alternate Exhaust Methods, Panel F. Connect exhaust duct to exhaust hood.

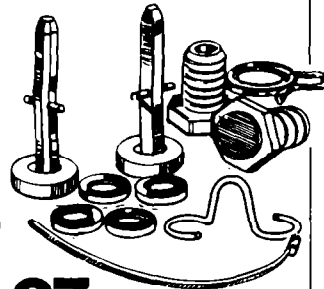


25.

Use duct tape to seal all joints.

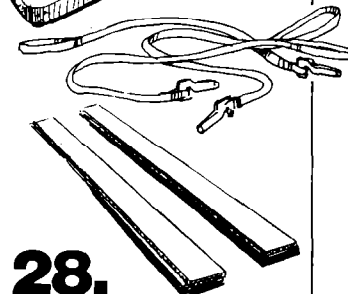
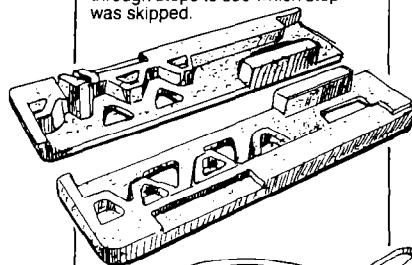
26.

CHECK ELECTRICAL REQUIREMENTS. BE SURE YOU HAVE CORRECT ELECTRICAL SUPPLY AND RECOMMENDED GROUNDING METHOD. Check the installation instructions to see that you have completed each step. Complete any missed steps before you continue.



27.

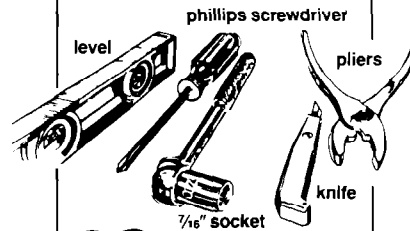
Check that all parts are now installed. See parts list, Panel A. If there is an extra part, go back through steps to see which step was skipped.



28.

Check that you removed all the shipping pieces including the three shipping straps with keys.

If you do not remove the shipping straps, your washer/dryer may "walk" away from its location.



29.

Check that you have all of your tools.

30.

Turn on water faucets and check for leaks. Tighten couplings if there is leaking.

31.

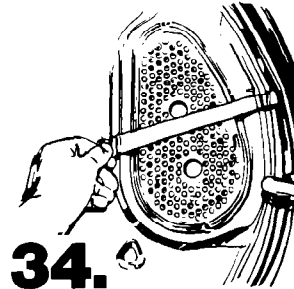
Plug electrical cord into grounded outlet.

32.

If access panel was removed to install ductwork, replace access panel. Be sure to tighten both screws.

33.

Take a few minutes and read the Use and Care Guide to fully understand your new washer/dryer. Now start the washer and allow it to complete the regular cycle.



34.

Remove the tape across the dryer lint screen. Check to be sure lint screen is in its proper position. Wipe out drum. Start dryer and allow it to complete a cycle to make sure the dryer is working properly.

35.

Finally, save all literature and keep with the washer/dryer. Save all shipping materials for reshipping.

You have successfully installed your new KitchenAid washer/dryer. To get the most efficient use from your new washer/dryer read your KitchenAid Use and Care Guide.

Congratulations!

Keep Installation instructions nearby where you can refer to them.

They'll make re-installing your KitchenAid washer/dryer in another home as easy as the first installation.

Alternate exhaust methods

The washer/dryer installed in a mobile home **must** be exhausted outside. When the dryer is exhausted through the floor, the exhaust system **must** terminate outside the enclosed area under mobile home. Extension beyond the enclosure will prevent lint and moisture buildup under the mobile home. See Figure 3.

Mobile home installation

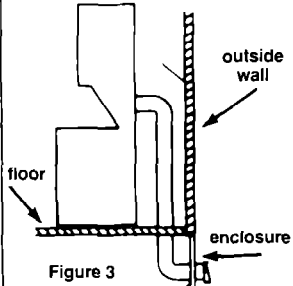


Figure 3

Alternate electrical connection

Disconnect power supply cord from electric supply before making these changes.

Electrical ground is required on this appliance.

This appliance is manufactured with the neutral terminal connected to the frame.

To connect a separate grounding wire –

Use grounding wire and clamp assembly (Part No. 685463) or No. 10 gauge minimum copper grounding wire. Connect grounding wire to a grounded cold water pipe* with the clamp and then to the external grounding connector on washer/dryer. Do not ground to a gas supply pipe. Do not connect the power supply cord to electric power supply until appliance is permanently grounded.

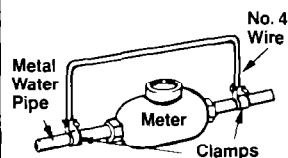


Figure 4

*Grounded cold water pipe must have metal continuity to electrical ground and not be interrupted by plastic, rubber or other electrical insulating connectors such as hoses, fittings, washer or gaskets (including water meter or pump). Any electrical insulating connector should be jumped as shown in Figure 4 with a length of No. 4 wire securely clamped to bare metal at both ends.

To remove the power supply cord –

Disconnect power supply.

1. Remove the terminal block cover from the dryer.
2. Disconnect the power supply cord from the terminal block.
3. Use a screwdriver to slide the strain relief clip away from the power supply cord. (See Figure 5)
4. Pull downward on the power supply cord until it is removed from the dryer.

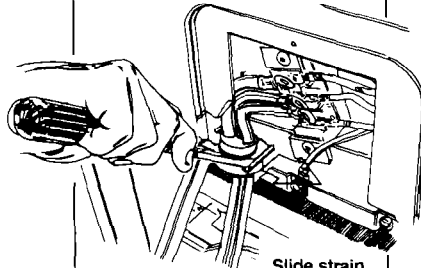


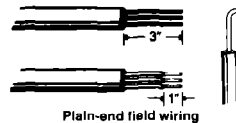
Figure 5

Slide strain relief clip away from power supply cord.

Pull out power supply cord.

To connect plain wire ends –

1. Strip outer covering back 3 inches from the end exposing the 3 wires.
2. Strip the insulation back 1 inch from the end of each wire. Form the bare wire into a "U" shaped hook.
3. Loosen, do not remove, screws from terminal block. Attach wires according to instructions for type of connection needed.
4. Slide the end of each wire under the screw head with the open side of the hook on the right. Squeeze the wire together to form a loop.
5. Tighten each screw firmly.



Plain-end field wiring

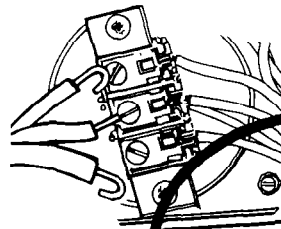


Figure 6

To use non-metallic sheathed copper power supply cable –

CAUTION: If non-metallic sheathed copper power supply cable is used, it **must** be used with a U.L. recognized strain relief (U.L. mark on it or KitchenAid Part No. 687000) to fit a one inch hole size similar to the one shown in Figure 7.

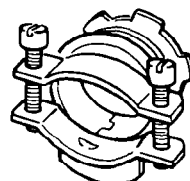
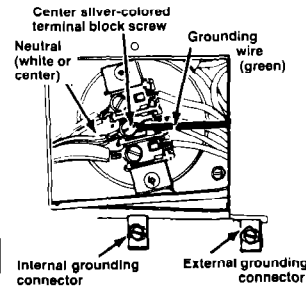


Figure 7

When local codes...

A.

Permit use of flexible type power supply cord (pigtail) that comes equipped with the washer/dryer but **Do Not Permit** connecting the frame grounding conductor to the neutral wire of the power supply cord:



Connect separate copper ground wire from external grounding connector to approved ground.

Ungrounded neutral

Figure 8

1. Remove terminal block cover.
2. Remove the grounding wire (green) from the internal grounding connector and fasten under center silver-coated terminal block screw. See Figure 8.
3. Connect a separate copper grounding wire (No. 10 minimum). See "To connect a separate grounding wire," Panel F for detailed instructions.
4. Replace terminal block cover.

When local codes...

B.

Do Not Permit the use of the flexible power supply cord equipped with the washer/dryer and

Permit copper power supply cable and

Permit connecting frame grounding conductor to the neutral wire of the power supply cable:

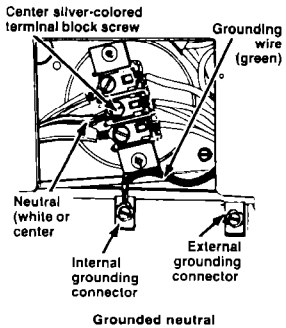


Figure 9

1. Remove the power cord equipped with the washer/dryer as instructed. See Panel F, "To remove the power supply cord."
2. Install copper power supply cable and strain relief.
3. Connect the neutral wire of the flexible armored or non-metallic sheathed copper power supply cable to the center, silver-colored terminal screw of the terminal block. Connect the other wires to the outer terminals. See Figure 9. For plain-end wires, see "To connect plain wire ends," Panel F.
4. Replace the terminal block cover.

When local codes...

C.

Do Not Permit the use of the flexible power supply cord equipped with the washer/dryer and

Permit copper power supply cable and

Do Not Permit connecting frame grounding conductor to the neutral wire of the power supply cable:

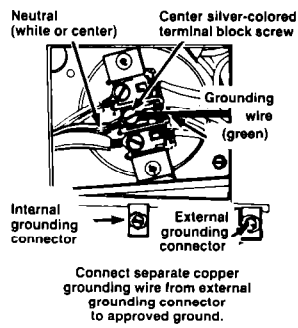


Figure 10

1. Remove the power cord equipped with the washer/dryer as instructed. See "To remove the power supply cord," Panel F.
2. Install copper power supply cable and strain relief.
3. Remove the grounding wire (green) from the internal grounding connector and fasten under center, silver-colored terminal block screw.
4. Connect the neutral wire of the flexible armored or non-metallic sheathed copper power supply cable to the center, silver-colored terminal screw of the terminal block. Connect the other wires to the outer terminals. See Figure 10. For plain-end wires, see "To connect plain wire ends," Panel F.
5. Connect a separate copper grounding wire (No. 10 minimum). See "To connect a separate grounding wire," Panel F for detailed instructions.
6. Replace the terminal block cover.

Mobile home installation

Requires a four-wire power supply cord or cable.

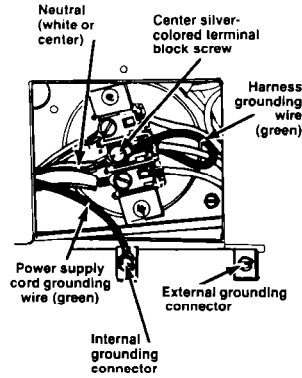
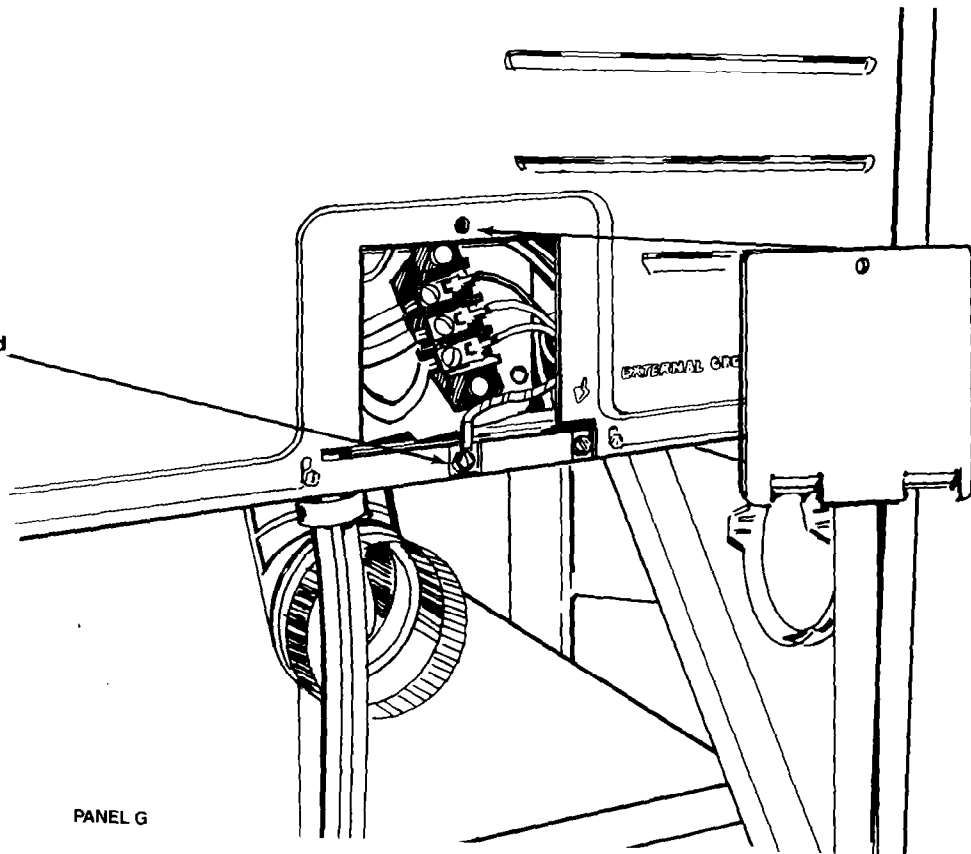


Figure 11

1. Remove the power cord equipped with the washer/dryer as instructed. See Panel F, "To remove the power supply cord."
2. Install copper 4-wire power supply cord and a U.L. recognized strain relief.
3. Remove the grounding wire (green) from the internal grounding connector and fasten under center, silver-colored terminal block screw.
4. Connect the grounding wire (green) of the copper 4-wire power supply cord to the internal grounding connector.
5. Connect the neutral wire (white) of the power supply cord to the center, silver-colored terminal screw of the terminal block. Connect the other wires to the outer terminals. See Figure 11.
6. Replace the terminal block cover.

**This appliance is
manufactured with the
neutral terminal connected
to the frame.**



**Replace terminal
block cover.**

PANEL G

Recessed area instructions

This washer/dryer may be installed in a recessed area or closet.

This installation spacing is in inches and is minimum allowable. Additional spacing should be considered for ease of installation and servicing.

If closet door is installed the minimum air openings in top and bottom is required. Louvered doors with equivalent air openings are acceptable.

Other installations must use the minimum dimensions indicated.

To prevent large amounts of lint and moisture from accumulating and to maintain drying efficiency, this appliance must be exhausted outdoors.

