Installation Instructions

Gas Dryer 03

Questions? Call 800.GE.CARES (800.432.2737) or visit our Web site at: GEAppliances.com.
In Canada, call 1.800.561.3344 or visit www.GEAppliances.ca.

BEFORE YOU BEGIN

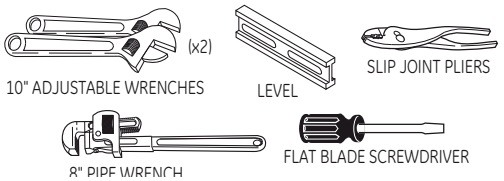
Read these instructions completely and carefully.

- **IMPORTANT-** Save these instructions for local inspector's use.
- **IMPORTANT-** Observe all governing codes and ordinances.
- **Note to Installer -** Be sure to leave these instructions with the customer.
- **Note to Customer -** Keep these instructions with your Owner's Manual for future reference.
- Before the old dryer is removed from service or discarded, remove the dryer door.
- Inspect the dryer exhaust outlet and straighten the outlet walls if they are bent.
- Service information and the wiring diagram are located in the control console.
- Do not allow children on or in the appliance. Close supervision of children is necessary when the appliance is used near children.
- Install the dryer where the temperature is above 50°F for satisfactory operation of the dryer control system.
- Product failure due to improper installation is not covered under the Warranty.

IN THE COMMONWEALTH OF MASSACHUSETTS

- **This product must be installed by a licensed plumber or gas fitter.**
- **When using ball-type gas shut-off valves, they shall be the T-handle type.**
- **A flexible gas connector, when used, must not exceed 3 feet.**

TOOLS YOU WILL NEED

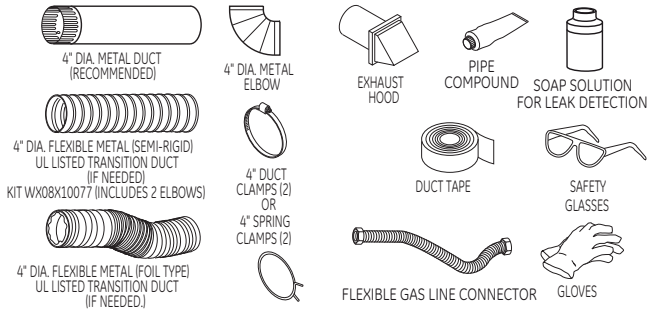


⚠WARNING RISK OF FIRE

- To reduce the risk of severe injury or death, follow all installation instructions.
- Clothes dryer installation must be performed by a qualified installer.
- Install the clothes dryer according to these instructions and in accordance with local codes.
- *California Safe Drinking Water and Toxic Enforcement Act*

  This act requires the governor of California to publish a list of substances known to the state to cause cancer, birth defects or other reproductive harm and requires businesses to warn customers of potential exposure to such substances. Gas appliances can cause minor exposure to four of these substances, namely benzene, carbon monoxide, formaldehyde and soot, caused primarily by the incomplete combustion of natural gas or LP fuels. Properly adjusted dryers will minimize incomplete combustion. Exposure to these substances can be minimized further by properly venting the dryer to the outdoors.
- This dryer must be exhausted to the outdoors.
- Use only rigid metal 4" diameter ductwork inside the dryer cabinet and use only UL approved transition ducting between the dryer and the home duct.
- DO NOT install a clothes dryer with flexible plastic ducting materials. If flexible metal (semirigid or foil-type) duct is installed, it must be UL listed and installed in accordance with the instructions found in "Connecting The Dryer To House Vent" on page 5 of this manual. Flexible venting materials are known to collapse, be easily crushed, and trap lint. These conditions will obstruct dryer airflow and increase the risk of fire.
- Do not install or store this appliance in any location where it could be exposed to water and or weather.
- Save these instructions. (Installers: Be sure to leave these instructions with the customer).

MATERIALS YOU WILL NEED



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Installation Instructions

Minimum Clearance Other Than Alcove or Closet Installation

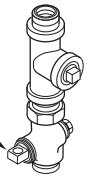
Minimum clearance to combustible surfaces and for air opening are: 0 in. clearance both sides and 1 in. rear.
Consideration **must** be given to provide adequate clearance for installation and service.

1 PREPARING FOR INSTALLATION OF NEW DRYER

TIP: Install your dryer before installing your washer. This will allow better access when installing dryer exhaust.

DISCONNECTING GAS

TURN GAS SHUT-OFF VALVE TO THE OFF POSITION.



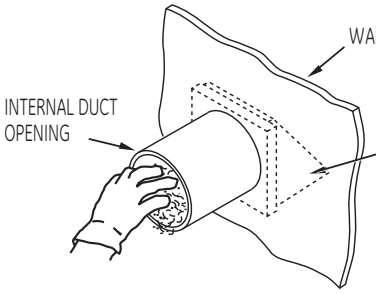
DISCONNECT AND DISCARD OLD FLEXIBLE GAS CONNECTOR AND OLD DUCTING MATERIAL. REPLACE WITH NEW CSA(AGA) APPROVED FLEXIBLE GAS LINE CONNECTOR AND UL APPROVED TRANSITION DUCT.

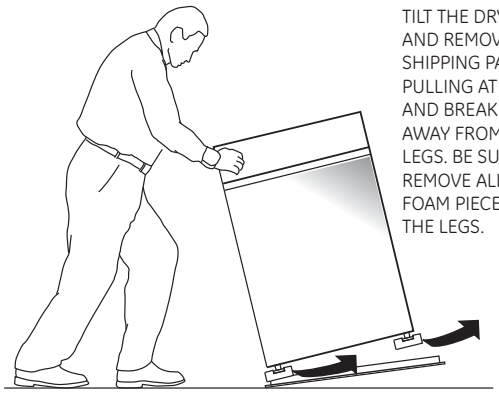
⚠ WARNING - NEVER REUSE OLD FLEXIBLE CONNECTORS.

The use of old flexible connectors can cause leaks and personal injury. Always use new flexible connectors when installing gas appliances.

REMOVING LINT FROM WALL EXHAUST OPENING

- Remove and discard existing plastic or metal foil transition duct and replace with UL listed transition duct.





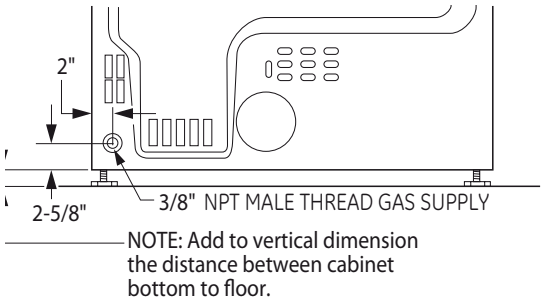
TILT THE DRYER SIDEWAYS AND REMOVE THE FOAM SHIPPING PADS BY PULLING AT THE SIDES AND BREAKING THEM AWAY FROM THE DRYER LEGS. BE SURE TO REMOVE ALL OF THE FOAM PIECES AROUND THE LEGS.

2 GAS REQUIREMENTS

⚠ WARNING

- Installation must conform to local codes and ordinances,or in their absence, the NATIONAL FUEL GAS CODE,ANSI Z223.
- This gas dryer is equipped with a Valve & Burner Assembly for use only with natural gas. Using conversion kit WE25X0217, your local service organization can convert this dryer for use with propane (LP) gas. ALL CONVERSIONS MUST BE MADE BY PROPERLY TRAINED AND QUALIFIED PERSONNEL AND IN ACCORDANCE WITH LOCAL CODES AND ORDINANCE REQUIREMENTS.
- The dryer must be disconnected from the gas supply piping system during any pressure testing of that system at a test pressure in excess of 0.5 PSI (3.4 KPa).
- The dryer must be isolated from the gas supply piping system by closing the equipment shut-off valve during any pressure testing of the gas supply piping of test pressure equal to or less than 0.5 PSI (3.4 KPa).

DRYER GAS SUPPLY CONNECTION



- A 1/8 in. National Pipe Taper thread plugged tapping, accessible for test gauge connection, must be installed immediately upstream of the gas supply connection to the dryer. Contact your local gas utility should you have questions on the installation of the plugged tapping.
- Supply line is to be 1/2 in. rigid pipe and equipped with an accessible shut-off within 6 ft. of, and in the same room with the dryer.
- Use pipe thread sealer compound appropriate for natural or LP gas or use Teflon tape.
- You must use with this dryer a flexible metal connector (listed connector ANSI Z21.24 / CSA 6.10). The length of the connect shall not exceed 3 ft.
- Connect flexible metal connector to dryer and gas supply.
- Open shut-off valve.

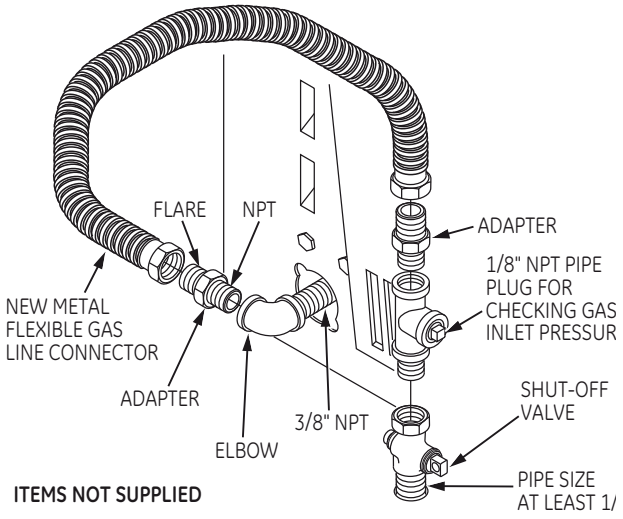
ADJUSTING FOR ELEVATION

- Gas clothes dryers input ratings are based on sea level operation and need not be adjusted for operation at or below 2000 ft. elevation.
  For operation at elevations above 2000 ft., input ratings should be reduced at a rate of 4 percent for each 1000 ft. above sea level.
- Installation must conform to local codes and ordinances or, in their absence, the NATIONAL FUEL GAS CODE, ANSI Z223.

Installation Instructions

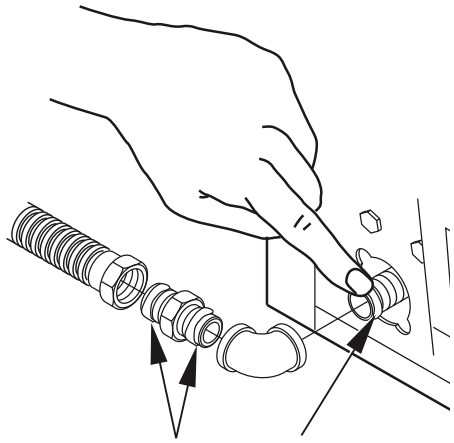
3 RECONNECTING GAS

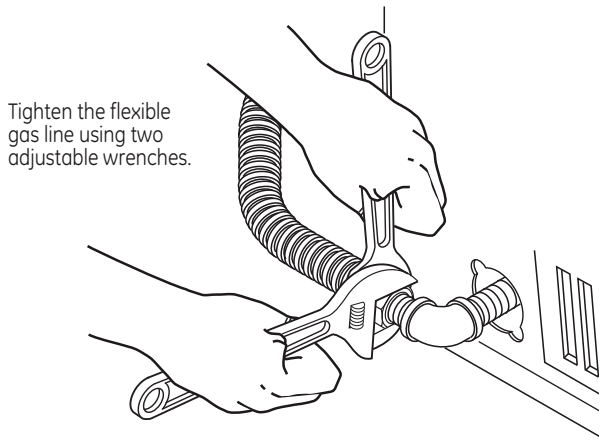
Listed connector ANSI Z21.24 / CSA 6.10

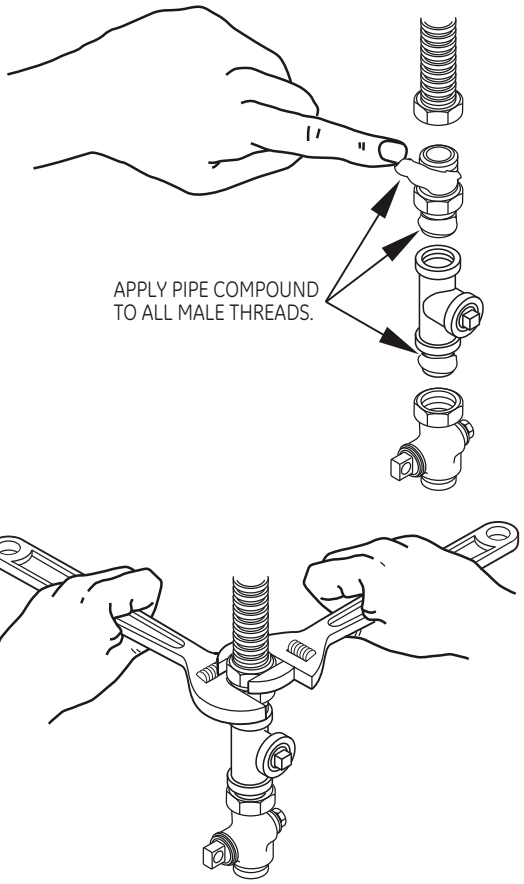


NOTE: The connector and fittings are designed for use only on the original installation and are not to be reused for another appliance or at another location. Keep flare end of adaptor free of grease, oil and thread sealant.

CAUTION: Use adaptors as shown. Connector nuts must not be connected directly to pipe threads.



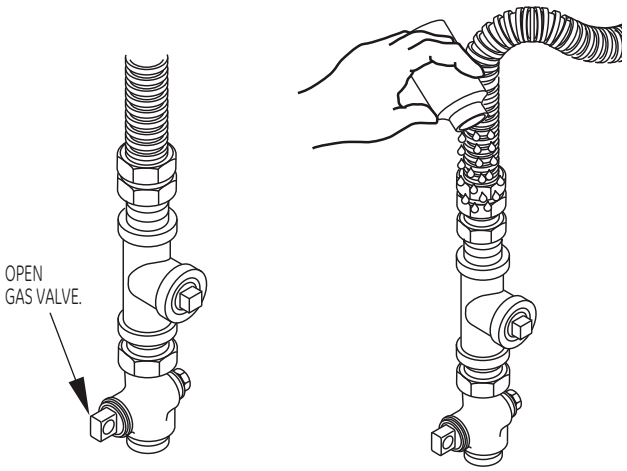




Tighten all connections using two adjustable wrenches. **Do not overtorque gas connections!**

4 LEAK TEST

⚠ WARNING - NEVER USE AN OPEN FLAME TO TEST FOR GAS LEAKS.



Check all connections for leaks with soapy solution or equivalent. Apply soap solution. **Leak test solution must not contain ammonia which could cause damage to the brass fittings.** If leaks are found, close valve, retighten the joint, and repeat the soap test.

Installation Instructions

5 ELECTRICAL CONNECTION INFORMATION

⚠ WARNING - TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, AND PERSONAL INJURY:

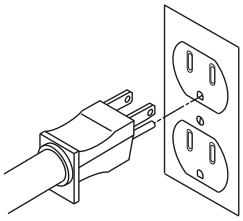
- **DO NOT USE AN EXTENSION CORD OR AN ADAPTER PLUG WITH THIS APPLIANCE.**

Dryer must be electrically grounded in accordance with local codes and ordinances, or in the absence of local codes, in accordance with the NATIONAL ELECTRICAL CODE, ANSI/NFPA NO. 70.

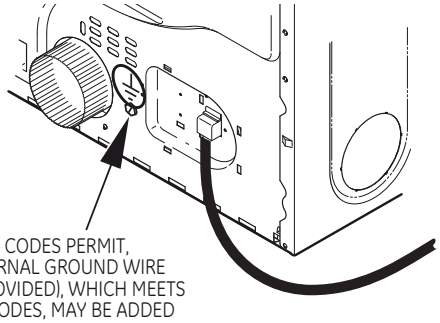
ELECTRICAL REQUIREMENTS

This appliance must be supplied with 120V, 60Hz, and connected to a properly grounded branch circuit, protected by a 15- or 20-amp circuit breaker or time delay fuse. If electrical supply provided does not meet the above specifications, it is recommended that a licensed electrician install an approved outlet.

⚠ WARNING - THIS DRYER IS EQUIPPED WITH A THREE-PRONG (GROUNDING) PLUG FOR YOUR PROTECTIONAGAINSTSHOCKHAZARD AND SHOULD BE PLUGGED DIRECTLY INTO A PROPERLY GROUNDED THREE-PRONG RECEPTACLE. DO NOT CUT OR REMOVE THE GROUNDING PRONG FROM THIS PLUG.



ENSURE PROPER GROUND EXISTS BEFORE USE



LOCAL CODES PERMIT,
N EXTERNAL GROUND WIRE
OT PROVIDED), WHICH MEETS
)CAL CODES, MAY BE ADDED
/ ATTACHING TO THE GREEN
ROUND SCREW ON THE REAR
E THE DRYER, AND TO A GROUNDED
ETAL COLD WATER PIPE OR OTHER
STABLISHED GROUND.

6 EXHAUST INFORMATION

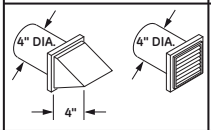
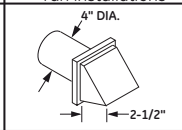
⚠WARNING - IN CANADA AND IN THE UNITED STATES, THE REQUIRED EXHAUST DUCT DIAMETER IS 4 in (102mm). DO NOT USE DUCT LONGER THAN SPECIFIED IN THE EXHAUST LENGTH TABLE.

Using exhaust longer than specified length will:
- Increase the drying times and the energy cost.
- Reduce the dryer life.
- Accumulate lint, creating a potential fire hazard.

The correct exhaust installation is <u>YOUR RESPONSIBILITY</u>. Problems due to incorrect installation are not covered by the warranty.

Remove and discard existing plastic or metal foil transition duct and replace with UL listed transition duct.

The **MAXIMUM ALLOWABLE** duct length and number of bends of the exhaust system depends upon the type of duct, number of turns, the type of exhaust hood (wall cap), and all conditions noted below. The maximum duct length for rigid metal duct is shown in the table below.

	RECOMMENDED MAXIMUM LENGTH	
	Exhaust Hood Types	
	Recommended	Use only for short run installations
		
No. of 90° Elbows	Rigid Metal	Rigid Metal
0	150 Feet	125 Feet
1	135 Feet	115 Feet
2	125 Feet	105 Feet
3	115 Feet	95 Feet
4	105 Feet	85 Feet
5	95 Feet	75 Feet

- For every extra 90° elbow, reduce the allowable vent system length by 10 ft.
- Two 45° elbows will be treated like one 90° elbow.
- For the side exhaust installations, add one 90° elbow to the chart.
- The total vent system length includes all the straight portions and elbows of the system (transition duct included)

EXHAUST SYSTEM CHECK LIST

HOOD OR WALL CAP

- Terminate in a manner to prevent back drafts or entry of birds or other wildlife.
- Termination should present minimal resistance to the exhaust air flow and should require little or no maintenance to prevent clogging.
- Never install a screen in or over the exhaust duct. This could cause lint build up.
- Wall caps must be installed at least 12 in. above ground level or any other obstruction with the opening pointed down.

SEPARATION OF TURNS

For best performance, separate all turns by at least 4 ft. of straight duct, including distance between last turn and exhaust hood.

TURNS OTHER THAN 90°

- One turn of 45° or less may be ignored.
- Two 45° turns should be treated as one 90° turn.
- Each turn over 45° should be treated as one 90° turn.

Installation Instructions

SEALING OF JOINTS

- All joints should be tight to avoid leaks. The male end of each section of duct must point away from the dryer.
- The duct shall not be assembled with screws or other fastening means that extend into the duct and catch lint.
- Duct joints can be made air and moisture-tight by wrapping the overlapped joints with duct tape.
- Horizontal runs should slope down toward the outdoors 1/4 inch per foot.

INSULATION

Duct work that runs through an unheated area or is near air conditioning should be insulated to reduce condensation and lint build-up.

7 EXHAUST CONNECTION

BEFORE PERFORMING THIS EXHAUST INSTALLATION, BE SURE TO DISCONNECT THE DRYER FROM ITS ELECTRICAL SUPPLY.

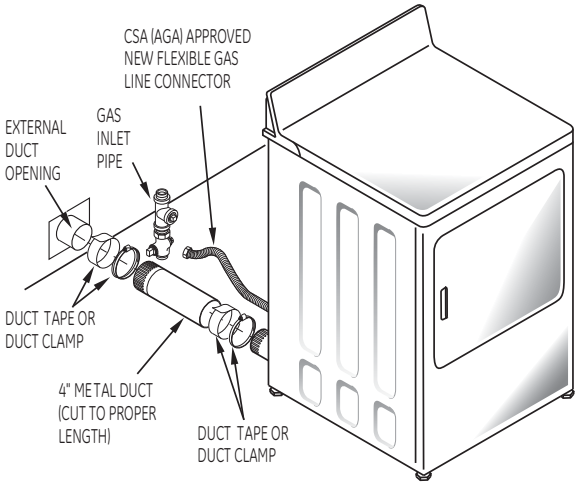
⚠WARNING - TO REDUCE THE RISK OF FIRE OR PERSONAL INJURY:

- This clothes dryer must be exhausted to the outdoors.
- Use only 4" rigid metal ducting for the home exhaust duct.
- Use only 4" rigid metal or UL-listed flexible metal (semi-rigid or foil-type) duct to connect the dryer to the home exhaust duct. It must be installed in accordance with the instructions found in "Connecting the Dryer to House Vent" on pages 5-6 of this manual.
- Do not terminate exhaust in a chimney, a wall, a ceiling, gas vent, crawl space, attic, under an enclosed floor, or in any other concealed space of a building. The accumulated lint could create a potential fire hazard.
- Never terminate the exhaust into a common duct with a kitchen exhaust system. A combination of grease and lint creates a potential fire hazard.
- Do not use duct longer than specified in the exhaust length table. Longer ducts can accumulate lint, creating a potential fire hazard.
- Never install a screen in or over the exhaust duct. This will cause lint to accumulate, creating a potential fire hazard.
- Do not assemble ductwork with any fasteners that extend into the duct. These fasteners can accumulate lint, creating a potential fire hazard.
- Do not obstruct incoming or exhausted air.
- Provide an access for inspection and cleaning of the exhaust system, especially at turns and joints. Exhaust system shall be inspected and cleaned at least once a year.

THIS DRYER COMES READY FOR REAR EXHAUSTING. IF SPACE IS LIMITED, USE THE INSTRUCTIONS IN STEP 13 TO EXHAUST DIRECTLY FROM THE SIDE OR BOTTOM OF THE CABINET.

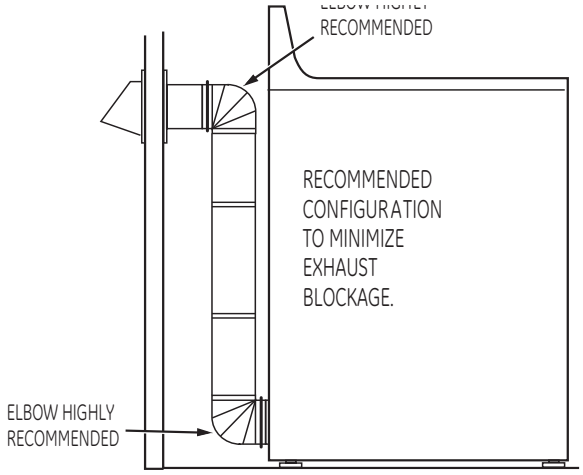
STANDARD REAR EXHAUST (Vented at floor level)

FOR STRAIGHT LINE INSTALLATION, CONNECT THE DRYER EXHAUST TO THE EXTERNAL EXHAUST HOOD USING DUCT TAPE OR CLAMP.



NOTE: WE STRONGLY RECOMMEND SOLID METAL EXHAUST DUCTING. HOWEVER, IF FLEXIBLE DUCTING IS USED IT MUST BE UL-LISTED METAL NOT PLASTIC.

STANDARD REAR EXHAUST (Vented above floor level)



NOTE: ELBOWS WILL PREVENT DUCT KINKING AND COLLAPSING.

CONNECTING THE DRYER TO HOUSE VENT

RIGID METAL TRANSITION DUCT

- For best drying performance, a rigid metal transition duct is recommended.
- Rigid metal transition ducts reduce the risk of crushing and kinking.

Installation Instructions

UL-LISTED FLEXIBLE METAL (SEMI-RIGID) TRANSITION DUCT

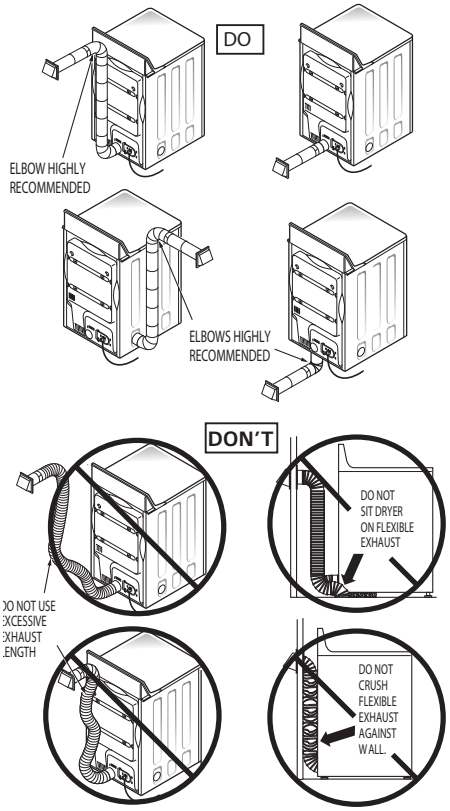
- If rigid metal duct cannot be used, then UL-listed flexible metal (semi-rigid) ducting can be used (Kit WX08X10077).
- Never install flexible metal duct in walls, ceilings, floors or other enclosed spaces.
- Total length of flexible metal duct should not exceed 8 feet (2.4m).
- For many applications, installing elbows at both the dryer and the wall is highly recommended (see illustrations below). Elbows allow the dryer to sit close to the wall without kinking and or crushing the transition duct, maximizing drying performance.
- Avoid resting the duct on sharp objects.

UL-LISTED FLEXIBLE METAL (FOIL-TYPE) TRANSITION DUCT

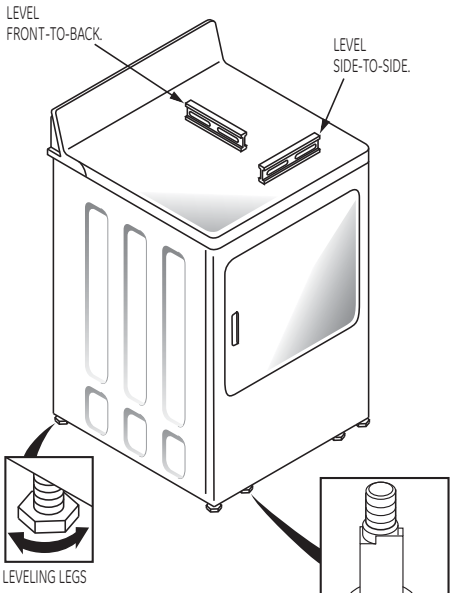
- In special installations, it may be necessary to connect the dryer to the house vent using a flexible metal (foil-type) duct. A UL-listed flexible metal (foil-type) duct may be used ONLY in installations where rigid metal or flexible metal (semi-rigid) ducting cannot be used AND where a 4" diameter can be maintained throughout the entire length of the transition duct.
- In Canada and the United States, only the flexible metal (foil-type) ducts that comply with the "Outline for Clothes Dryer Transition Duct Subject 2158A" shall be used.
- Never install flexible metal duct in walls, ceilings, floors or other enclosed spaces.
- Total length of flexible metal duct should not exceed 8 feet (2.4m).
- Avoid resting the duct on sharp objects.

For best drying performance:

1. Slide one end of the duct over the clothes dryer outlet pipe.
2. Secure the duct with a clamp.
3. With the dryer in its permanent position, extend the duct to its full length. Allow 2" of duct to overlap the exhaust pipe. Cut off and remove excess duct. Keep the duct as straight as possible for maximum airflow.
4. Secure the duct to the exhaust pipe with the other clamp.



8 LEVELING DRYER



STAND THE DRYER UPRIGHT NEAR THE FINAL LOCATION AND ADJUST THE 4 LEVELING LEGS TO MATCH THE HEIGHT OF YOUR WASHER. ADJUST THE 2 ANTI-TIP LEGS TO CONTACT THE FLOOR.

9 ALCOVE OR CLOSET INSTALLATION

- If your dryer is approved for installation in an alcove or closet, it will be stated on a label on the dryer back.
- The dryer **MUST** be vented to the outdoors. See the **EXHAUST INFORMATION** step 6.
- Minimum clearance between dryer cabinet and adjacent walls or other surfaces is:
  - 0 in. either side
  - 3 in. front
  - 3 in. rear
- Minimum vertical space from floor to overhead cabinets, ceiling, etc. is 52 in.
- Closet doors must be louvered or otherwise ventilated and must contain a minimum of 60 sq. in. of open area equally distributed. If the closet contains both a washer and a dryer, doors must contain a minimum of 120 sq. in. of open area equally distributed.
- The closet should be vented to the outdoors to prevent gas pocketing in case of a gas leak in the supply line.
- No other fuel-burning appliance shall be installed in the same closet with the dryer.

10 BATHROOM OR BEDROOM INSTALLATION

- The dryer MUST be vented to the outdoors. See EXHAUST INFORMATION step 6.
- The installation must conform with local codes or, in the absence of local codes, with the NATIONAL FUEL GAS CODE, ANSI Z223.

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11 MOBILE OR MANUFACTURED HOME INSTALLATION

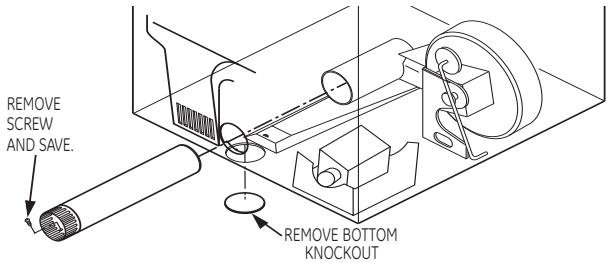
- Installation must conform to the MANUFACTURED HOME CONSTRUCTION & SAFETY STANDARD, TITLE 24, PART 32-80 or, when such standard is not applicable, with AMERICAN NATIONAL STANDARD FOR MOBILE HOME, ANSI/NFPA NO. 501B.
- The dryer MUST be vented to the outdoors with the termination securely fastened to the mobile home structure. (See EXHAUST INFORMATION section 6).
- The vent MUST NOT be terminated beneath a mobile or manufactured home.
- The vent duct material MUST BE METAL.
- KIT 14-D346-33 MUST be used to attach the dryer securely to the structure.
- The vent MUST NOT be connected to any other duct, vent, or chimney.
- Do not use sheet metal screws or other fastening devices which extend into the interior of the exhaust vent.
- Provide an opening with a free area of at least 25 sq. in. for introduction of outside air into the dryer room.
- Stacking of a gas dryer is not permitted in a mobile home or manufactured home.

12 GARAGE INSTALLATION (IF ALLOWED BY LOCAL CODES)

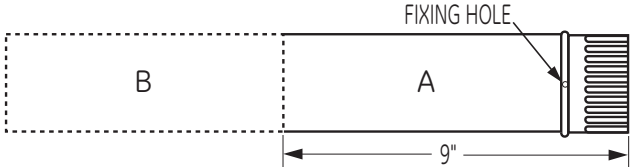
- Dryers installed in garages must be elevated 18 inches (46cm) above the floor.

13 DRYER EXHAUST TO BOTTOM CABINET

⚠WARNING- BEFORE PERFORMING THIS EXHAUST INSTALLATION, BE SURE TO DISCONNECT THE DRYER FROM ITS ELECTRICAL SUPPLY. PROTECT YOUR HANDS AND ARMS FROM SHARP EDGES WHEN WORKING INSIDE THE CABINET. BE SURE TO WEAR GLOVES.

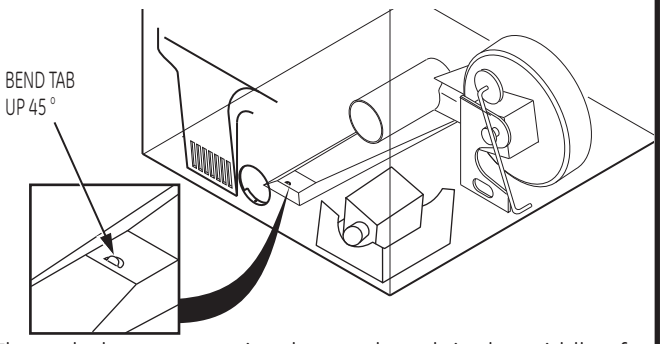


Detach and remove the bottom knockout. Remove the screw inside the dryer exhaust duct and save. Pull the duct out of the dryer. Protect sharp edges around the knockout and exhaust opening with the tape.



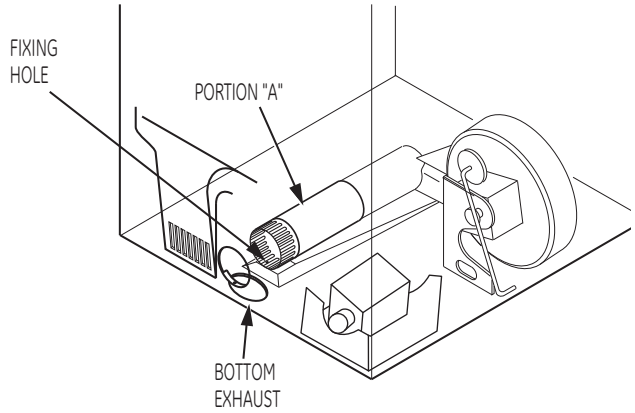
Cut the duct as shown and keep portion A.

TAB LOCATION



Through the rear opening, locate the tab in the middle of the appliance base. Lift the tab to about 45° using a flat blade screwdriver.

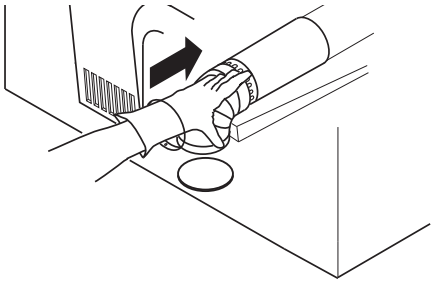
ADDING NEW DUCT



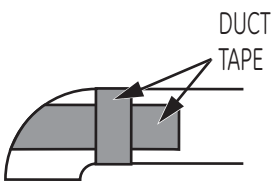
Reconnect the cut portion (A) of the duct to the blower housing. Make sure that the fixing hole is aligned with the tab in the base. Use the screw saved previously to secure the duct in place through the tab on the appliance base.

ADDING ELBOW FOR EXHAUST THROUGH BOTTOM OF CABINET

- Insert 4" elbow through the bottom opening, orient it for bottom exhaust and connect it to the dryer internal duct.



CAUTION: Internal duct joints must be secured with tape, otherwise they may separate and cause a safety hazard.

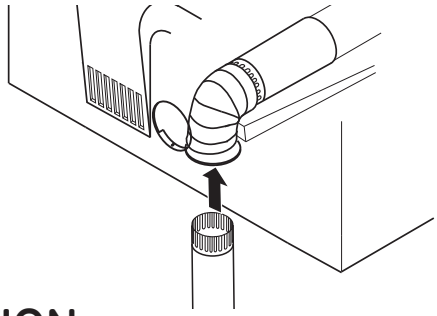


- Apply duct tape on the joint between the dryer internal duct and elbow.

Installation Instructions

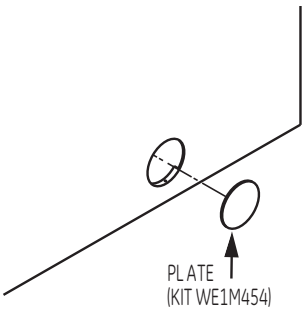
ADDING DUCT FOR EXHAUST THROUGH BOTTOM OF CABINET

- Insert the 4" straight duct in the elbow end hanging out of the dryer bottom. Wrap duct tape around the joint.



CAUTION: Be sure not to pull or damage the electrical wires inside the dryer when inserting the duct.

ADDING COVER PLATE TO REAR OF CABINET



Connect standard metal elbows and ducts to complete the exhaust system. Cover back opening with a plate (Kit WE1M454) available from your local service provider. Place dryer in final location.

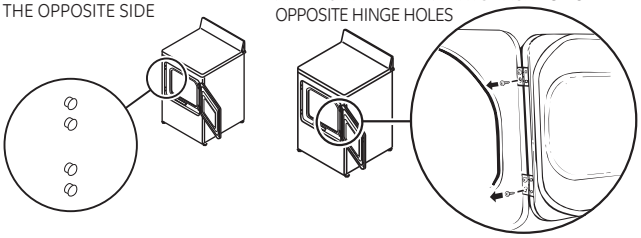
⚠WARNING - NEVER LEAVE THE BACK OPENING WITHOUT THE PLATE (KIT WE1M454).

14 CHANGING DIRECTION OF DOOR OPENING

1. Open the door and remove the filler plugs opposite the hinges. With the door completely open, remove the bottom screw from each hinge on the dryer face. Insert these screws about half way into the **TOP** holes, for each hinge on the opposite side (where you removed the filler plugs). Apply firm pressure to get the screws started.

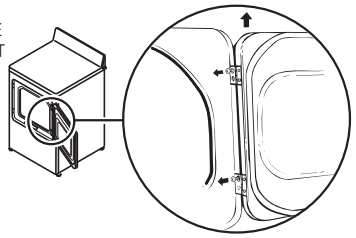
REMOVE 4 PLUGS AND KEEP FOR INSERTION INTO THE OPPOSITE SIDE

REMOVE **BOTTOM** SCREW FROM EACH HINGE AND INSTALL HALF WAY INTO EACH **TOP** OF OPPOSITE HINGE HOLES

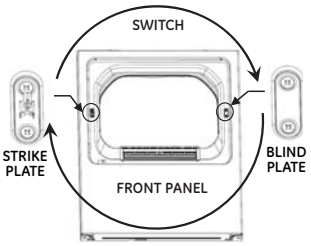


2. Loosen the top screw from each hinge on the dryer face half way. With one hand holding the top of the door and the other hand holding the bottom, remove the door from the dryer by lifting it **UP** and **OFF**.

LOOSEN EACH TOP HINGE SCREW HALF WAY AND LIFT THE DOOR UP AND OFF

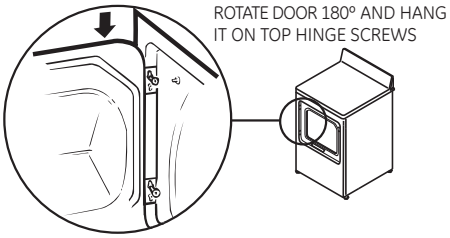


3. Remove the blind plate from the hinge side of the dryer by removing its two screws. Remove the strike plate from the opposite side of the dryer by removing its two screws. Reinstall the plates, on the opposite sides, using two screws in each plate.



4. Rotate the door 180º. Insert the door on the opposite side of the opening by moving the door **ON** and **DOWN** until the top hinge and the bottom hinge are resting on the top screws inserted in step 1.

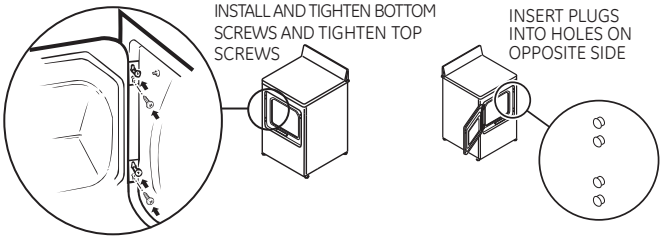
ROTATE DOOR 180º AND HANG IT ON TOP HINGE SCREWS



5. Remove the remaining screws from the side of the opening from which the door was removed. With these screws secure each hinge at the bottom. Tighten the two top screws on each hinge. Reinsert the plastic plugs on the side from which the door was removed.

INSTALL AND TIGHTEN BOTTOM SCREWS AND TIGHTEN TOP SCREWS

INSERT PLUGS INTO HOLES ON OPPOSITE SIDE



15 SERVICING

⚠ WARNING - LABEL ALL WIRES PRIOR TO DISCONNECTING WHEN SERVICING CONTROLS. WIRING ERRORS CAN CAUSE IMPROPER AND DANGEROUS OPERATION AFTER SERVICING/INSTALLATION.

REGISTER YOUR NEW APPLIANCE TO RECEIVE ANY IMPORTANT PRODUCT NOTIFICATIONS.

Please go to ***www.GEAppliances.com*** or mail in your product registration card.

For questions on installation, call: 800.626.2000 (US) or 800-561-3344 (Canada).