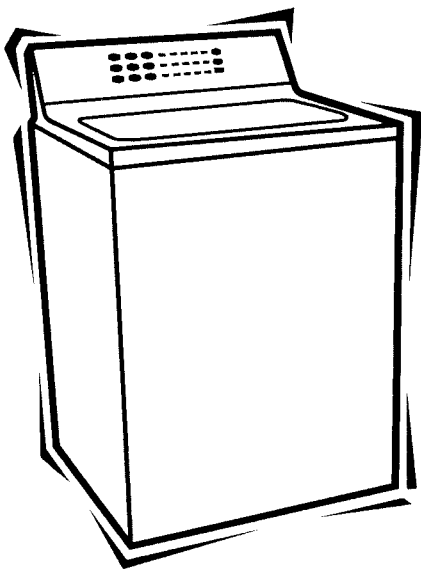




TECHNICAL TRAINING

Front Service Washer Updates





GE Appliances

HOME LAUNDRY HL3-96
LOUISVILLE BUILT "T" MODEL-
HOTPOINT, GE, RCA WASHERS.
LOWER HARNESS KIT

General Electric Company
Appliance Park, Louisville, KY 40225

March 8, 1996

TO REPLACE LOWER HARNESS USING KIT WH49X0302

LOWER HARNESS KIT FOR "T" MODEL WASHERS WH49X0302

- Kit Components:**
- (1) Lower Harness Asm.
 - (7) Closed End Splice Connectors (extra's included)
 - (1) Small Wire Tie
 - (1) Large Wire Tie
 - (1) Twist Clip

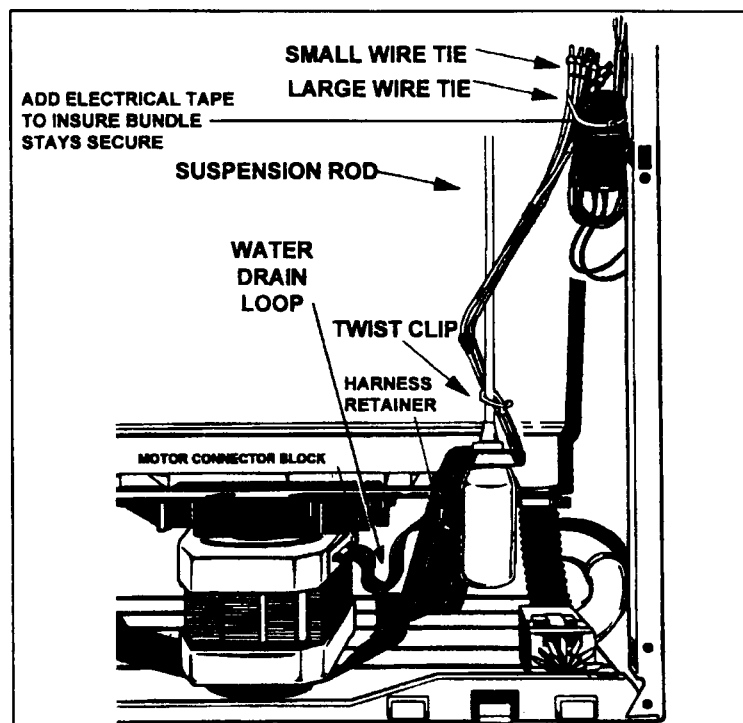
To Use Kit

PREPARE EXISTING MOTOR HARNESS FOR KIT

1. Unplug washer.
2. Remove front panel.
3. Cut all the wires in the wiring harness to the motor, at the bottom of the steel suspension rod. Strip 7/16" insulation from all 7 wires coming from the top of the cabinet. Excess wire will be looped at the side of the cabinet later on in the installation.
4. Unplug remaining harness at motor and discard.

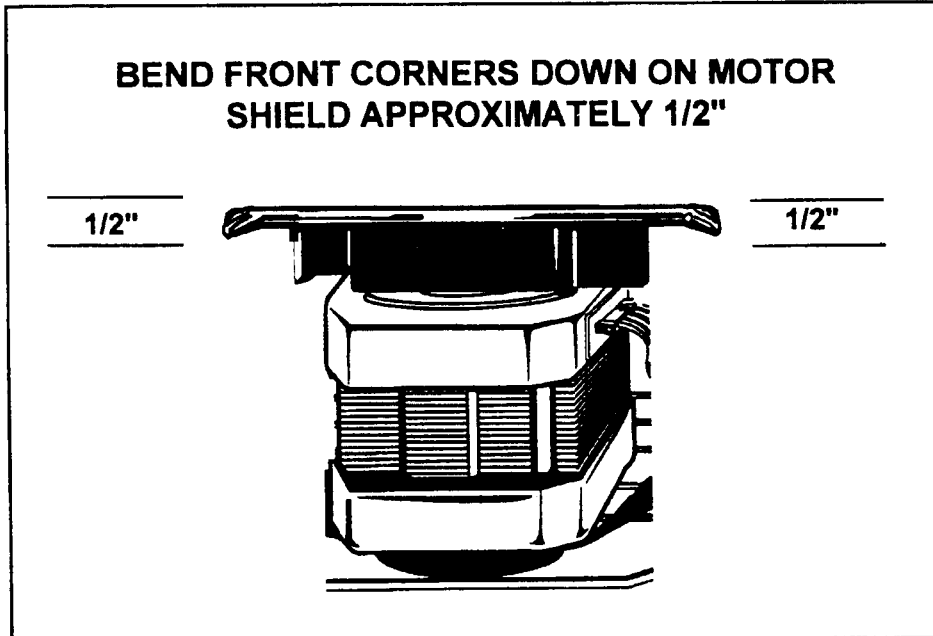
INSTALL NEW HARNESS KIT

- IMPORTANT!** 1. Find plastic push in harness retainer on new harness section and insert it fully into existing hole in right front *platform leg*. (See illustration for location).
- IMPORTANT!** 2. Plug in motor connector until it is seated, and make sure that the harness forms a loop below the motor connector to prevent water from running down wires and into motor plug.



(CONTINUED FROM PREVIOUS PAGE)

3. **ROUTE WIRES BEHIND FRONT PLATFORM LEG.** Dress wires upward spiraling between tub and suspension rod, towards capacitor mounted on cabinet flange. (See illustration)
4. Match color for color wires in harness and twist them together. Install closed end splice connectors and firmly crimp all 7. (Crimp with standard crimping tool).
5. Using small wire tie, secure all 14 wires together just below connectors.
6. Position the wire bundle directly behind the capacitor with the wire connectors protruding 2 1/2" above the capacitor top. Secure with the large wire tie to the capacitor. (See illustration)
7. In addition to wire tie, use black electrical tape to secure wire bundle to top of capacitor, to insure that bundle is secure. (**NOTE:** this is easily done if capacitor is removed from cabinet side, taped and then replaced.)
8. Install plastic twist clip to secure new harness to suspension rod.
- IMPORTANT!** 9. Bend down both right and left corners of the galvanized drip plate downward about 1/2" to insure proper water drainage away from the motor and motor plug.
10. Recheck all steps.
11. Reinstall front panel.
12. Plug in washer and check for proper operation.





Service Bulletin

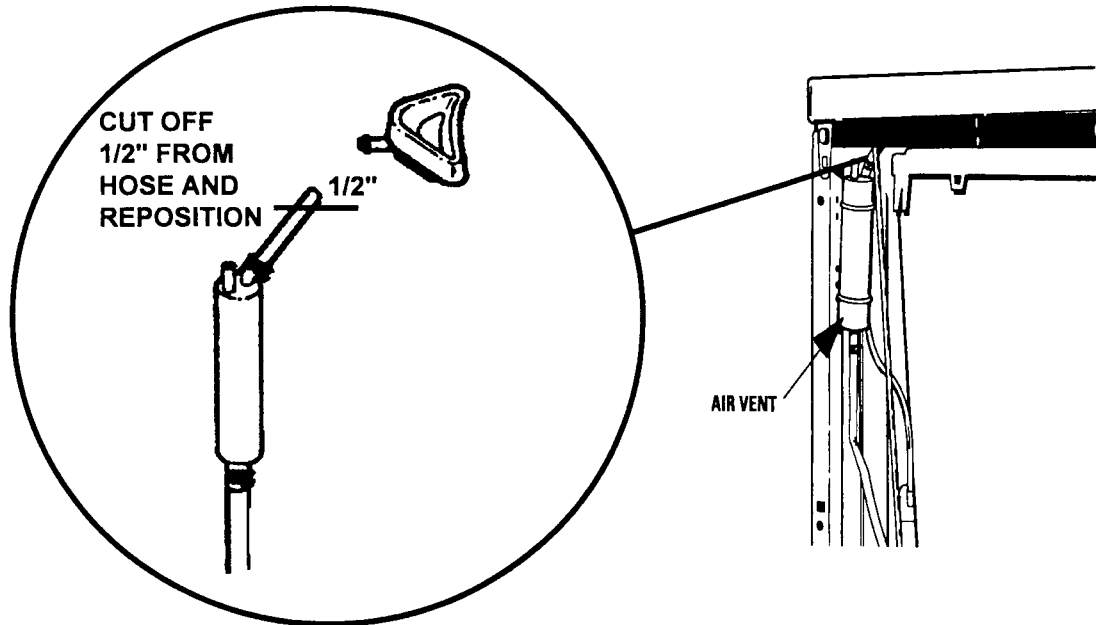
GE Appliances

HOME LAUNDRY HL4-96
LOUISVILLE BUILT "T" MODEL-
HOTPOINT, GE, RCA WASHERS.
BLEACH FUNNEL KINKED
March 8, 1996

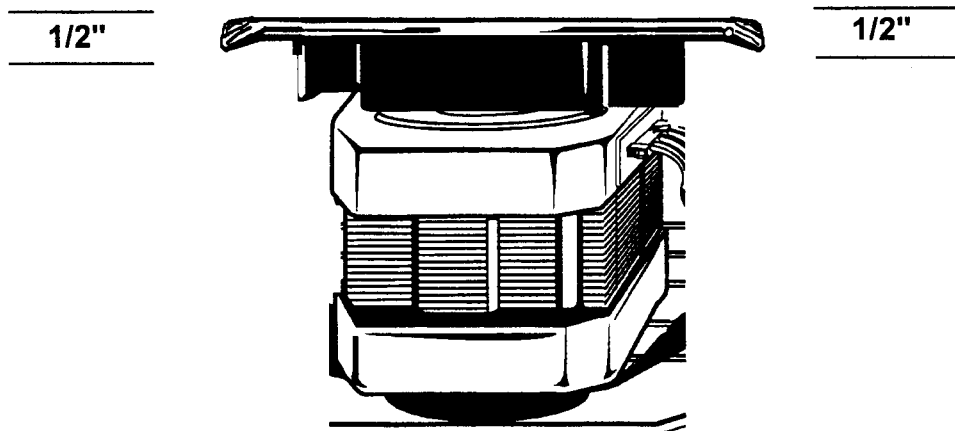
General Electric Company
Appliance Park, Louisville, KY 40225

CUSTOMER COMPLAINT BLEACH OVERFLOWS OR WON'T DISPENSE

On some full sized GE, Hotpoint, RCA, and Profile washers the hose on the bleach funnel to the air vent bottle can be kinked when installed at the factory. To eliminate the kink, remove the front panel from the machine, disconnect the hose from the funnel, cut off approximately 1/2" of the hose, reposition the air vent bottle and the hose to eliminate the kink. Caution the customer to only pour bleach into the funnel as fast as the system will allow. Do not pour fast enough to cause the funnel to overflow. Before reinstalling the front panel, bend the outside corners of the motor shield down 1/2" according to illustration below.



BEND CORNERS OF MOTOR SHIELD DOWN ABOUT 1/2"





GE Appliances

General Electric Company
Appliance Park, Louisville, KY 40225

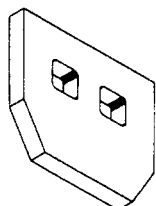
Service Bulletin

**HOME LAUNDRY HL5-96
LOUISVILLE BUILT "T" MODEL-
HOTPOINT, GE, RCA WASHERS.
WATER VALVE NOISE**

March 8, 1996

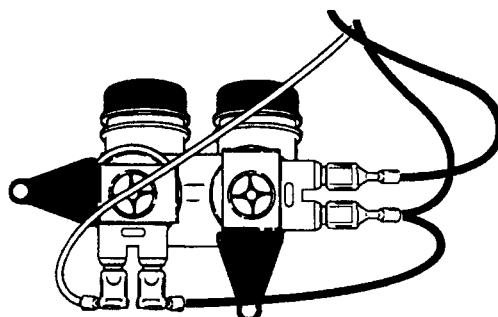
To address customer complaints of water valve noise or "squealing, on non-Profile models, replace water valve, and add foam insulator now available from parts (WH46X0360).

**FOLD INTO "L" SHAPE
WITH WATER VALVE
INLET HOLE IN THE BACK,
PLACE LOWER PORTION
INTO INDENT IN WATER
VALVE BRACKET
AND SEAT**



**WH46X0360
FOAM INSULATOR**

**NEW WATER VALVES ARE
QUIETER**



**WH13X0086
WATER VALVE**



GE Appliances

General Electric Company
Appliance Park, Louisville, KY 40225

HOME LAUNDRY HL6-96
LOUISVILLE BUILT "T" MODEL
HOTPOINT, GE, RCA, PROFILE
WASHERS
GENERAL INFORMATION
UPDATE
March 8, 1996

"T" MODEL WASHER GENERAL SERVICE INFORMATION

INSTALLATION ISSUES

- **Shipping Rod** issues stem from several sources- Have customer check the washer to make sure it has been removed.
- **Lid Switch Probe**- Check the tub for the probe and send if necessary.
- **Drain Hose:**
 1. Push in as far as possible, may need to use liquid detergent to aid installation in drain hose port. Some were made too long (you can trim to as much as 1").
 2. Clip does not have to be tightened so tight that it "totally meets" the back of the washer. Just plenty snug.
 3. Must be at least 30 inches off the floor.
The hose extension has a "flat" about 8 inches from the end where it should be cut in the middle in order to install the extension kits. (WH41X324 or WH41X301)

DELIVERY ISSUES:

Tub Alignment-When the rod is removed and the tub is still misaligned, simply lift the tub to clear the involved parts of tub and base. There are two brackets that can interlock if the washer is moved after the rod has been removed.

- **Dolly Damage**-if the washer is dollied and the base is bent or bowed up this can be an issue. The washer when fully loaded may come in contact with the bowed portion of the base. The suspension can drag and make a noise. Remove the front panel and straighten the bent area of the base.

NOISE ISSUES:

- **Cabinet Noise**- being addressed at this time. See Service Bulletin HL2-96 for part numbers. The parts are individually cataloged and are available for non-Profile models.
- **Single Speed Motor Noise**- can be caused by a belt that's too tight. If the belt feels very tight back off the adjustment so that there is about 1/2" deflection, and the noise will decrease. Check to make sure the clutch does not slip.

MECHANICAL & ELECTRICAL ISSUES:

- **Filter, Lint Issues**- can be caused by low water temps and undissolved soap, the filters pop out with a small screwdriver after removing agitator. (Con't next page)

MECHANICAL & ELECTRICAL ISSUES: (con't from other side)

To snap back in place, start one edge and carefully pop in the other side. Oversudsing can also cause excessive lint build-up by blocking the removal of the lint.

- **Oversudsing-** a massive oversudsing can cause the tub to drag during spin causing clutch failure.
- **Floating Objects-** objects floating to the top of the washer may be caught in the rings at the top of the washer, burning the plastic rings at the top. Placing your finger between the guard and ring at the top of the tub will reveal surfaces that have been damaged. Prevent clothing from floating by following the instructions on the lid. Add soap, then clothes, then water.
- **Timer Not Advancing-** models equipped with the older transmission brake and speed sensor will sometimes read tub movement during agitation and shut off power to the timer. This can be easily diagnosed by simply turning the timer knob off and then back on. If the timer starts to move again look for the speed sensor. Do not remove the sensor as it is a safety feature.
- **Pump Restrictions-** remove the top hose and remove the obstruction. New designed pumps are in the future. Our pinch-off pliers will work between the ribs of the tub-to-pump hose.
- **Water Fill Whistle-** turn down the water pressure (if acceptable) or have service replace the valve.
- **No Run, Just Hum-** some pulley nuts have come off as a result of poor installation allowing the pulley to come loose and the belt to slip.
- **Lid Switch Engagement-** the lid bushings can be damaged causing the lid to "sit up" at the back. This will not allow the lid probe linkage to engage the switch. Check the pivot bushings.
- **Bleach Funnel Issues-** if the tube is kinked cut 1/2 out of the tube and reposition. If it is kinked of the consumer overfills the funnel we can have a path directly to the motor causing shorted motor issues.
- **Right Front Harness Plug-** speed sensor test point, removed on later models that have no speed sensor.
- **Tub Discoloration-** the area above the waterline has little splash and little scrubbing effect, causing some build-up of material easily seen in this area. It is a consumer maintenance issue. Should be easy if done periodically.



GE Appliances

Service Bulletin

HOME LAUNDRY HL9-96
FULL SIZED LOUISVILLE
BUILT "T" LINE WASHERS

"DRAIN HOSE EXTENSION KIT"

July 15, 1996

General Electric Company
Appliance Park, Louisville, KY 40225

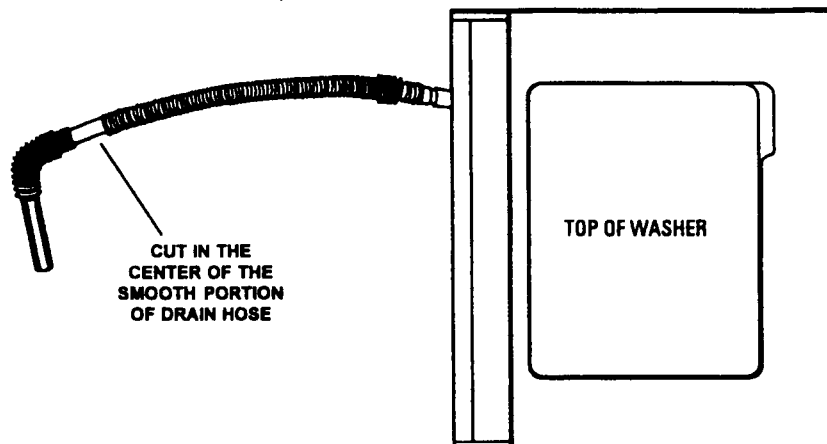
DRAIN HOSE EXTENSION KIT FOR FULL-SIZED GE, HOTPOINT, AND RCA "T" LINE WASHERS

Effective immediately, drain hose extension kits, part number WH49X301, are available free of charge for any customer who needs one. The kit consists of a 4 foot hose extension, 2 rubber bushings, 2 screw clamps, and an installation instruction sheet. The customer is responsible for the installation of this kit, it is not a Technician installed item. The customer can obtain one of these kits, free of charge by calling 1-800-626-2000 or 1-800-432-2737 and requesting kit number WH49X301. The kit will be mailed to the customer's home. Sample kit instruction is included below for your information.

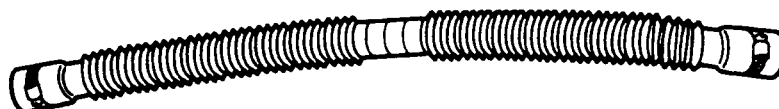
Drain Hose Extension Kit WH49X0301

Kit Components: (1) Extension Hose
(2) Adaptors
(2) Screw Clamps

- To Use Kit**
1. Unplug washer.
 2. Move washer to gain access to drain hose.
 3. With washer moved out and hose still assembled to washer, cut hose in area shown below.



4. Install adaptors and screw clamps into both ends of the extension hose as provided in kit.



5. Install this extension hose with adaptors between nozzle and drain hose, then tighten clamp screws.
6. Use plastic tie to secure nozzle to stand-pipe.



GE Appliances

General Electric Company
Appliance Park, Louisville, KY 40225

Service Bulletin

HOME LAUNDRY HL10-96
"T" MODEL WASHER MOTOR
REPLACEMENTS ("K STACK
SINGLE SPEED)

September 16, 1996

WASHER MOTOR REPLACEMENTS ON "T" MODEL SINGLE SPEED WASHERS

When replacing a single speed "T" model washer motor (WH20X865), the number terminal code on the harness connector block will not match the numbers on the new replacement motor.

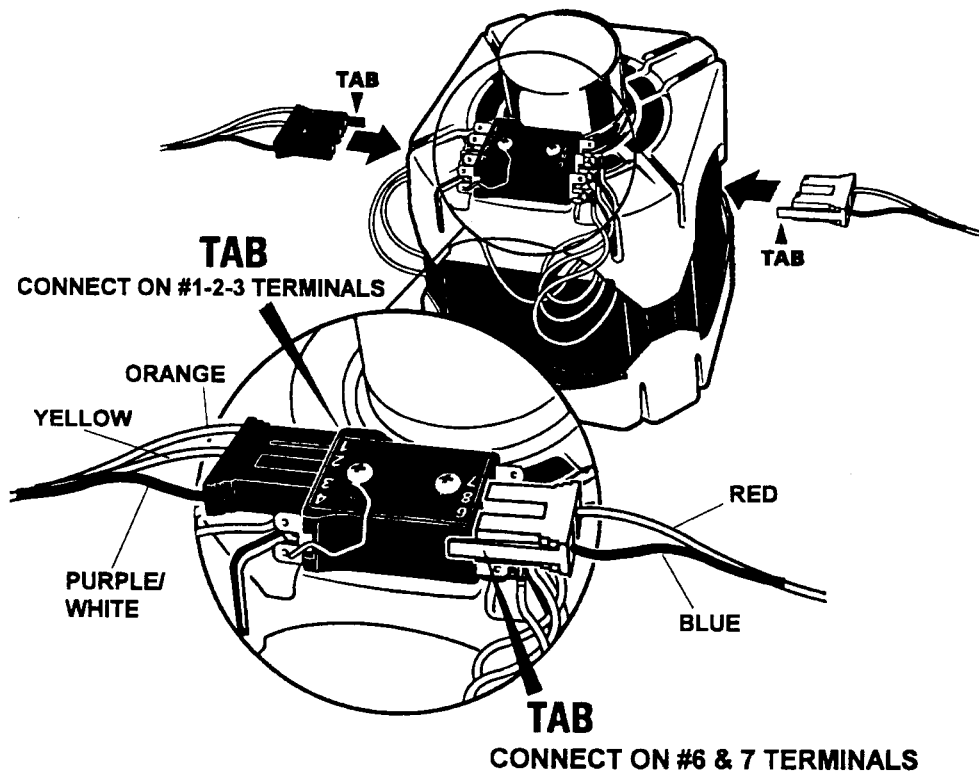
1. If you order a **WH20X865** motor you will get the complete kit (WH49X306).

Kit contains the following:

- (1) "K Stack" single speed motor (WH20X874)
- (1) Clutch Clip (WH1X273).
- (2) Rod and Spring Assemblies (WH16X519)

NOTE: If you order Kit (WH49X306) you will receive only the two Rod and Spring Assemblies (WH16X519) and NOT THE MOTOR.

2. Ignore the stamped number code on the new motor connector, and instead match the harness blocks by color.
3. See illustration below for correct wiring connections for the new K-Stack motor.





GE Appliances

General Electric Company
Appliance Park, Louisville, KY 40225

Service Bulletin

**HOME LAUNDRY HL11-96
"T" MODEL WASHER
WARRANTIES**

October 15, 1996

GE, HOTPOINT, PROFILE, AND RCA "T" MODEL WARRANTIES

The warranty on full sized GE, Hotpoint, Profile, and RCA "T" line washer varies from model to model, and can be substantially different depending upon the model. As some of these products near their first anniversary of use please use this table to determine the actual warranty coverage on models you service.

WASHERS	PROFILE	GE	HOTPOINT	RCA
FULL-PARTS & LABOR	1 YR	1 YR	1 YR	1 YR
FULL-PARTS ONLY	2 YR			
TRANSMISSION-PARTS	10 YR	5 YR	5 YR	5 YR
INNER BASKET-PARTS	LIFETIME	20 YR	20 YR	20 YR
OUTER TUB-PARTS	10 YR	10 YR		
LID & COVER-PARTS	5 YR	5 YR		
SUSPENSION-PARTS	5 YR	5 YR		
DRYERS	PROFILE	GE	HOTPOINT	RCA
FULL-PARTS & LABOR	1 YR	1 YR	1 YR	1 YR
DRUM-PARTS	5 YR++	5 YR++	5 YR++	5 YR++



GE Appliances

General Electric Company
Appliance Park, Louisville, KY 40225

Service Bulletin

**HOME LAUNDRY HL12-96
"T" MODEL WASHER
BLEACH DISPENSER CHANGE**

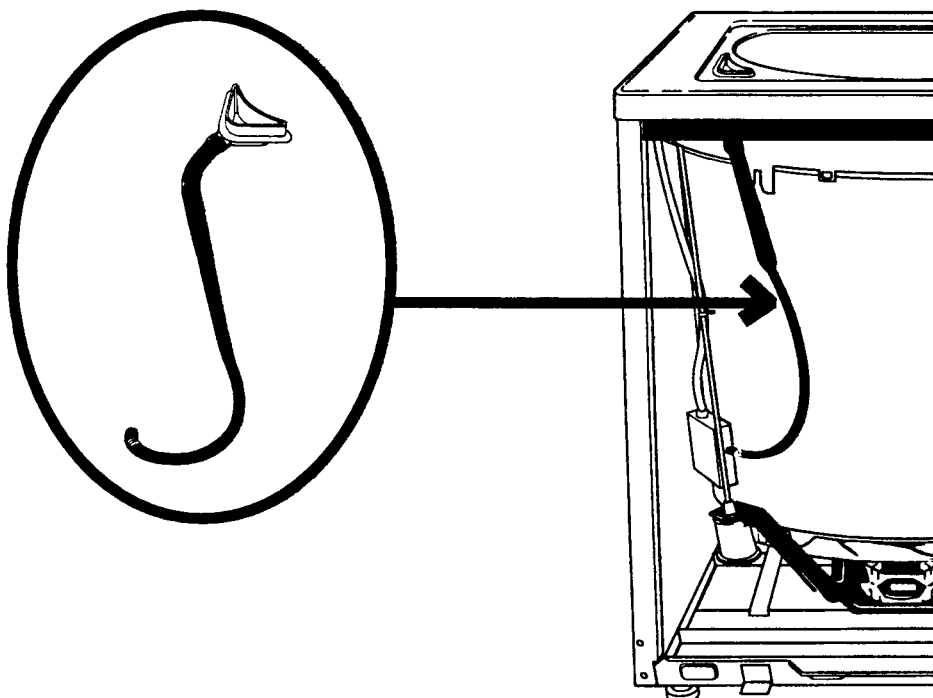
October 15, 1996

GE, HOTPOINT, PROFILE, AND RCA "T" MODEL BLEACH DISPENSER CHANGE

On all "T" model Profile, GE, Hotpoint, and RCA washers, the bleach dispensing system has been changed and simplified. The new system consists of only three parts, does not kink, and allows more bleach to flow through the system. This reduces the chance of a customer overfilling and damaging the machine. The new bleach dispenser is available as a kit, Part # **WH49X314**, and will fit all "T" model washers having the bleach dispenser option.

To use the new bleach dispenser system on existing machines remove all of the parts associated with the old system and discard. Install the kit by raising the washer cover, snapping the funnel into the existing hole, and threading the hose down through the rod support. The clamp provided is to seal the connection at the tub. This clamp must be disconnected when removing the cover in the future.

BLEACH DISPENSER KIT WH49X314





GE Appliances

General Electric Company
Appliance Park, Louisville, KY 40225

Service Bulletin

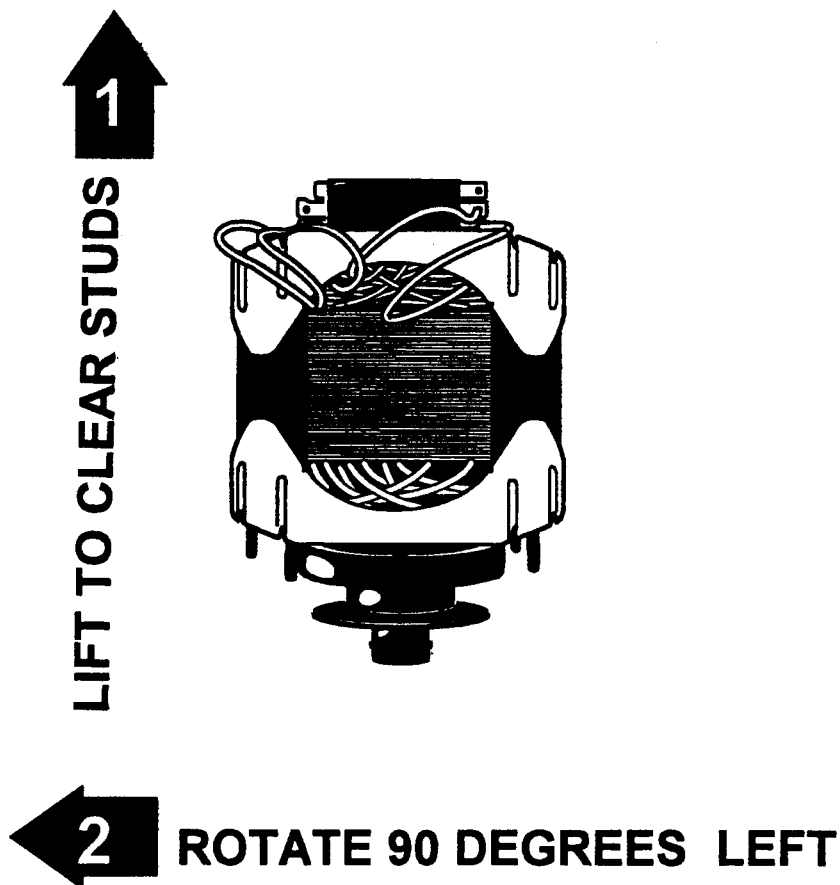
HOME LAUNDRY HL13-96
"T" MODEL WASHER "K" STACK
MOTOR SERVICING

October 15, 1996

GE, HOTPOINT, AND RCA "T" MODEL WASHERS SINGLE SPEED MOTOR SERVICE AND REMOVAL

On all "T" model GE, Hotpoint, and RCA washers, the single speed motor stack height was increased, making it necessary to change the motor removal procedure.

If the motor won't tip to the back after you remove the four attaching nuts, the harness, and the belt, lift it enough to clear the studs and rotate it 90 degrees to the left. That will allow the centrifugal switch to clear the motor shield and allow the the motor to be tipped back and pulled foward, clear of the machine.





Service Bulletin

GE Appliances

HOME LAUNDRY HL14-96
LOUISVILLE BUILT "T" MODEL-
HOTPOINT, GE, RCA WASHERS.
NOISE KIT
November 20, 1996

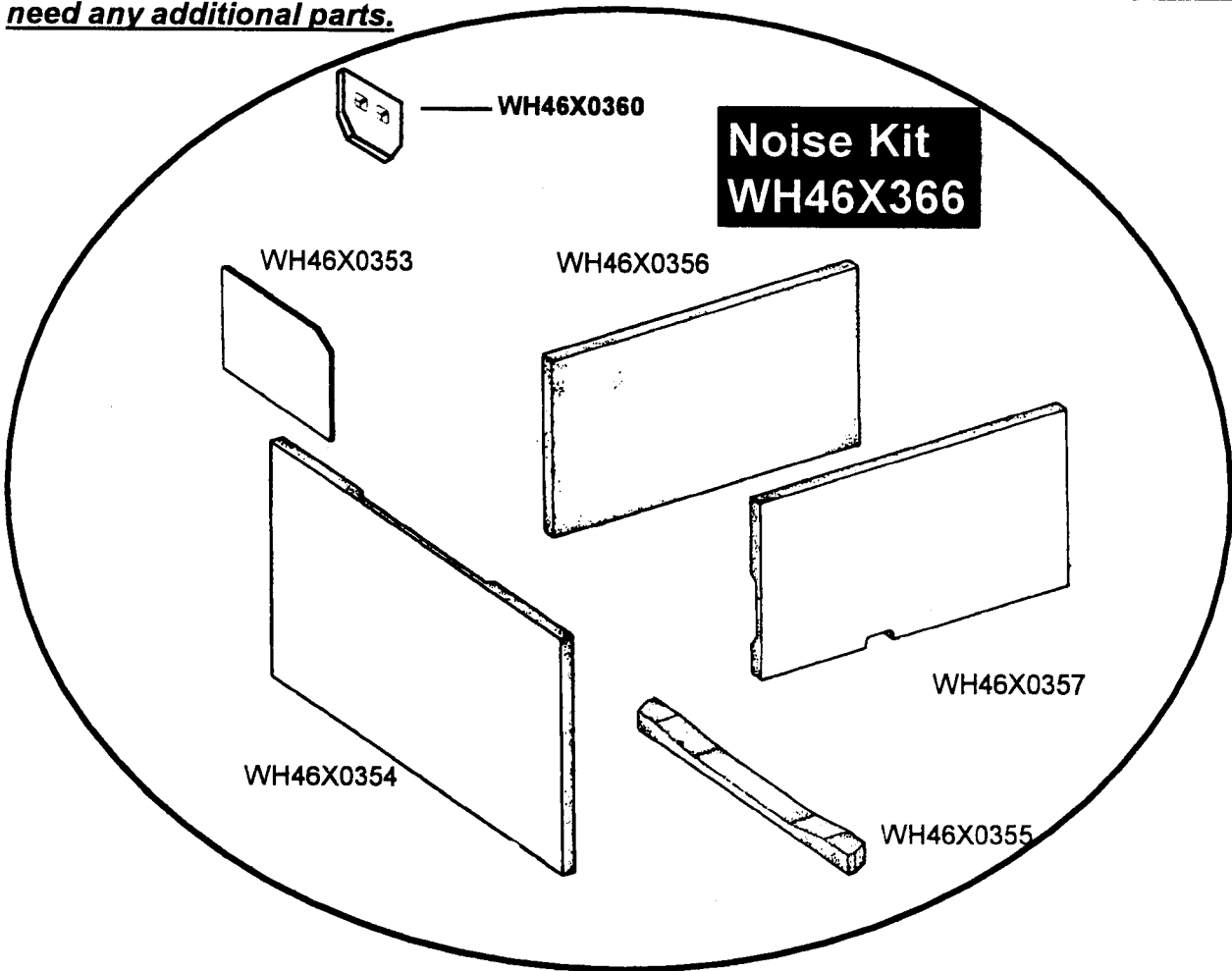
General Electric Company
Appliance Park, Louisville, KY 40225

(Reissue of Service Bulletin HL2-96 to show components being grouped for ordering as a Noise Kit WH46X366)

CUSTOMER COMPLAINTS OF NOISE DURING ACTIVATION, AND SPIN IN GE, HOTPOINT AND RCA "T" LINE WASHERS-EXCLUDING PROFILE

Noise problems described above can be reduced by installation of the foam kit shown below. All of the pieces are self-adhesive, and should be installed per the illustrations on this bulletin.

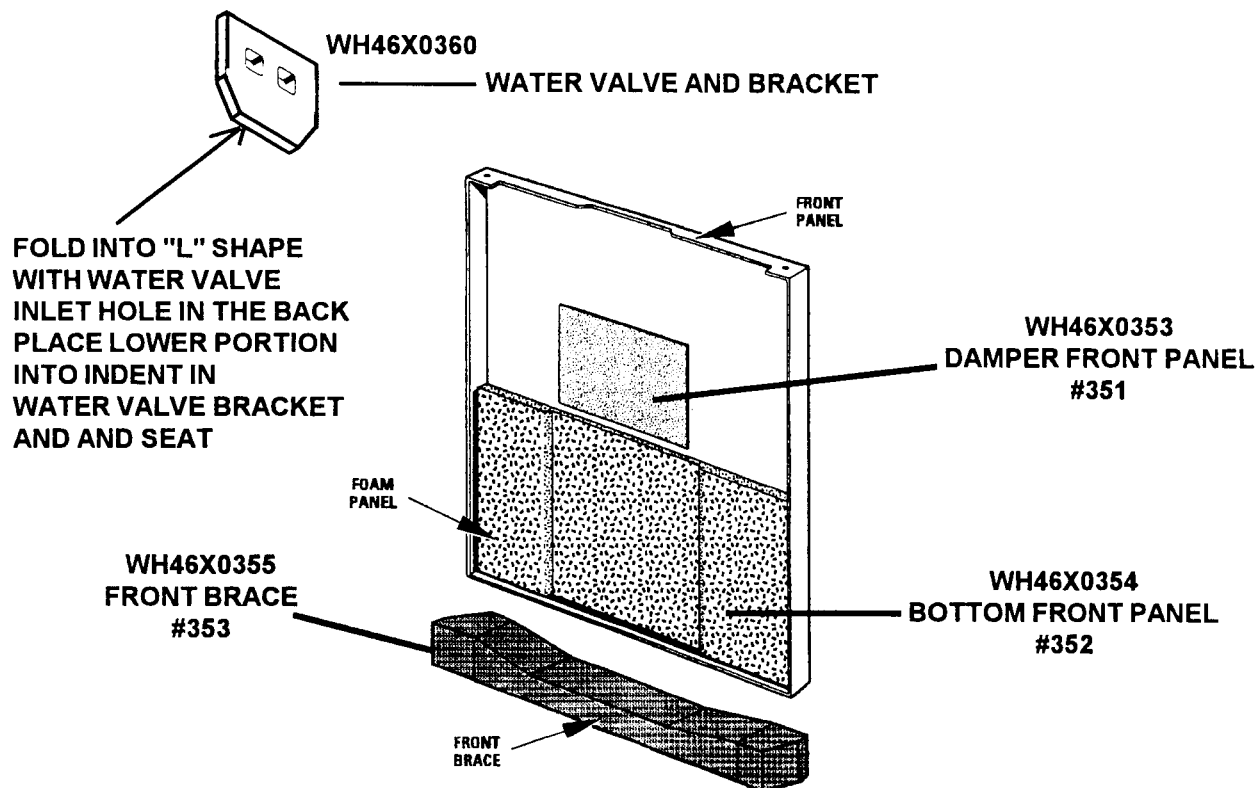
It will be easier to install the side panels if the backing paper is not completely removed during installation. Leave a strip of paper approximately 2" wide on the bottom of the panel. This strip will make it easier to slide the foam into place and attach to the side of the cabinet. **Profile- models have the noise package installed in the factory, and do not need any additional parts.**



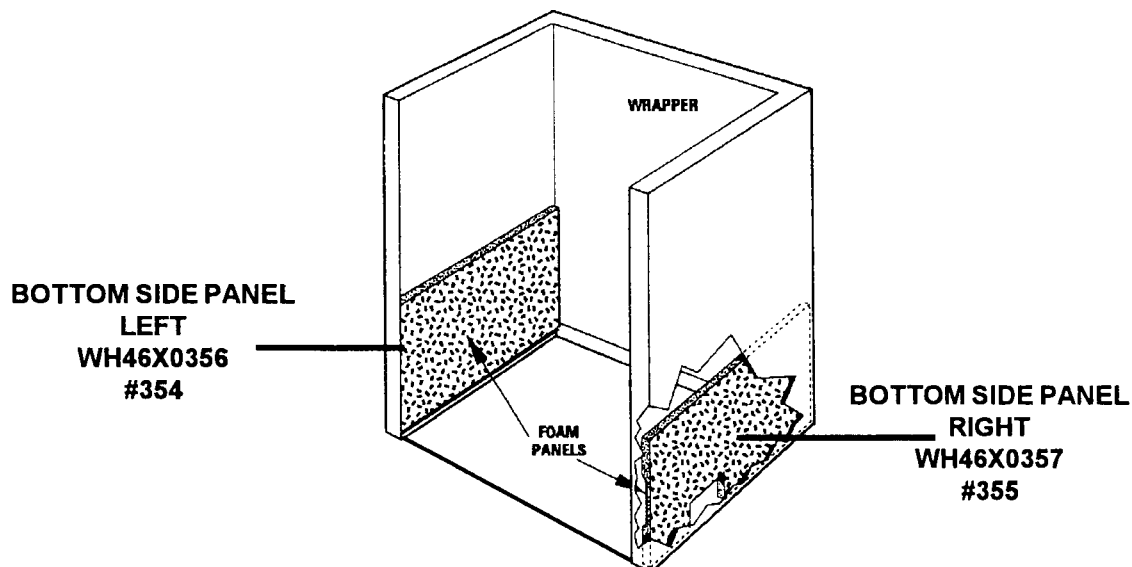
FOAM PLACEMENT LOCATION ON BACKSIDE THIS BULLETIN

FRONT PANEL PLACEMENT (Kit WH46X366)

NOTE: FOR ILLUSTRATION PURPOSES THE INNER WORKINGS OF THE WASHER ARE NOT SHOWN. THEY DO NOT NEED TO BE REMOVED TO INSTALL THE FOAM PANELS.



CABINET PLACEMENT





GE Appliances

HOME LAUNDRY HL4-97 GE Model WPSF4170V "SensorWash/SpotSoak"

General Electric Company
Appliance Park, Louisville, KY 40225

August 5, 1997

Introduction of the "New SensorWash" model WPSF4170V. Specific to the G.E. brand. The SensorWash offers two unique features.

● SPOT SOAK

When you open the washer lid and press the Spot Soak button, you will see a short stream of water, (Approximately 7 seconds.)

To use this option

- A. Open the washer lid.
- B. Press the "SPOT SOAK" button. You will see a short stream of water.
- C. Dampen the soiled garment with the "SPOT SOAK" option, and rub your favorite pretreatment product into soiled area.

IMPORTANT: The SPOT SOAK feature will not function if:

1. The washer lid is down.
2. The washer tub is filling.
3. The water has already reached the desired water level you have selected.

● SENSORWASH

"ATC" Automatic Temperature Control

The SensorWash senses the incoming water temperature and automatically adjusts the water temperature to the selection you have chosen. The following table lists the range limits of each temperature setting for the SensorWash model. If water hammer should be an issue you can turn the SensorWash switch off until water pipes have been corrected.

Temp Setting	Specifications	
	Lower	Upper
Cold	60°F	80°F
Warm	80°F	100°F
Hot	110°F	140°F

NOTE: Lid position affects certain fills. All fills must be done with the lid "closed".

These Temperature Ranges are obtained by controlling the fill valve.

EXAMPLE:

COLD

The cold water side of the fill valve function with assistance from the hot water side to obtain proper temperature range.

WARM

The hot water side will function and the cold water side will open and close as needed to obtain proper temperature range.

HOT

The hot water side of the fill valve will open and remain open, the cold water side will open only to assist in lowering the temperature of the water from the water heater to the temperature range.

NOTE: If the Hot wash selection is chosen, the Hot water will not exceed the capability of the water heater supplying the washer. The Sensor Wash System will not heat the water nor, will it act as a chiller.

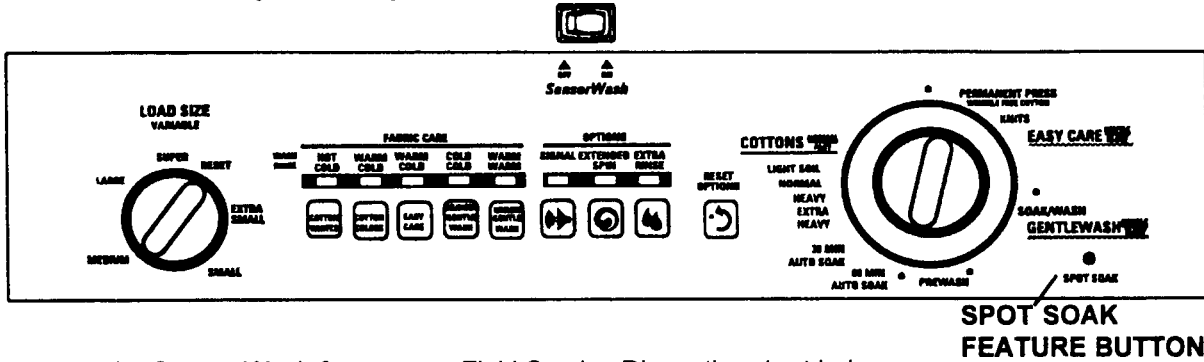
EXAMPLE:

If the hot water from the water heater is 120°F. The temperature range in Hot will not exceed 120°F. Using the Field Service Diagnostic Chart provided in this service bulletin, you can determine if the fault is in the sensor or the logic board.

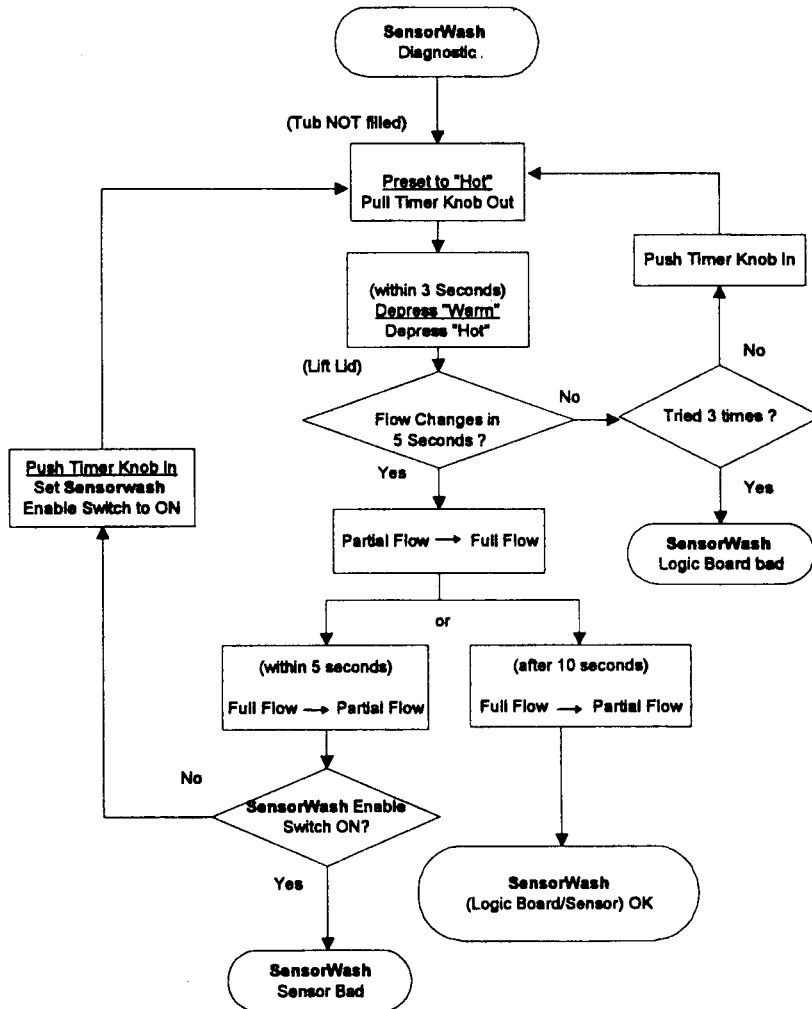
Sensor
WH12X10019

Logic Board
WH12X10017

Rocker Switch is located
on top of backplash



To diagnose the Sensor Wash feature use Field Service Diagnostics chart below.





GE Appliances

General Electric Company
Appliance Park, Louisville, KY 40225

Service Bulletin

**WASHER TRANSMISSION
BRAKE SYSTEM REDESIGN
NEW PART NUMBER
WH38X10002**

HL 1-98

January 1998

Customer complaints of transmission noise, oil leaks, or being locked up on GE, Hotpoint, and RCA full-sized washers can be solved using a transmission with a newly designed brake system. The transmission part number is WH38X10002.

The design change to the new transmission involved having manufacturing move the brake friction material from the bonded rotating plate. In the new design, the brake material is bolted in place to the platform.

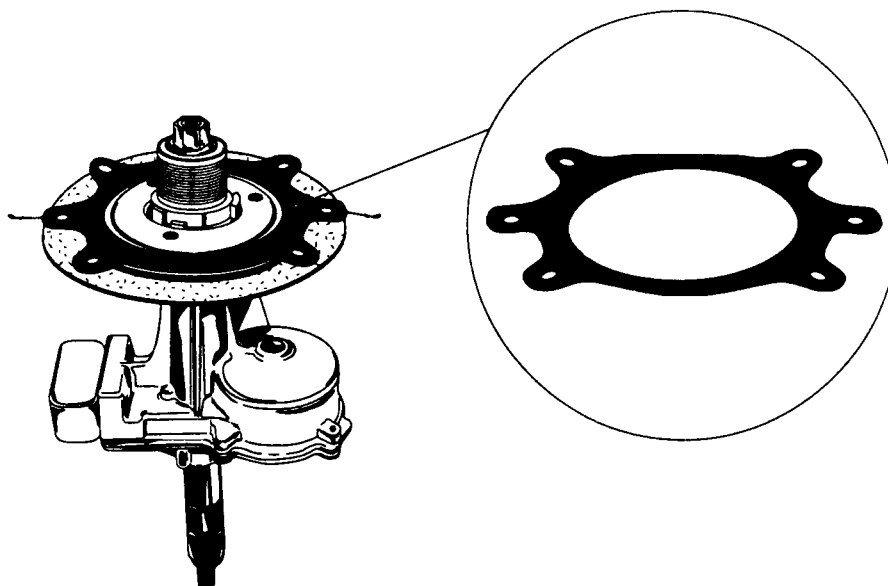
This new, redesigned brake system will go into production on all T-Line models beginning with the suffix TA in the model number (example: WJXR2080TAWW).

Do not use an older style transmission on a washer that was originally built with the new redesigned brake (suffix TA or later). If an older style transmission is installed, there is a high probability of a squeaking noise in agitation.

The new transmission (WH38X10002) can be used on all existing and new production T-Line washers.

NOTE:

Please pay careful attention to each step of the instructions included with the transmission.



Transmission Brake System Replacement Instructions
Kit Number WH38X10002

1. Remove the tub/drive assembly from the washing machine.
2. Remove the spin basket from the tub and transmission (same as today).
3. Flip the tub/drive assembly over.
4. Remove the transmission pulley and belt from the unit (same as today).
5. Remove the 4 bolts securing the platform to the tub (same as today).
6. Remove the 4 bolts securing the transmission to the platform (same as today).
7. Remove the platform from the transmission.
8. Remove any old brake friction material that may stick to the platform. To remove, gently pry it off with a screwdriver or putty knife. Dispose of old friction ring along with the transmission.
9. Remove old transmission from the tub.
10. Carefully unpack new transmission from the box and insert it into the outer tub.
**Note that the transmission comes with a new friction ring wire tied into place. Do not remove these wires yet, as they will assist in the assembly in the next step. Ensure that the 2 large holes in the new brake friction ring line up with the 2 extruded holes.
11. Place the platform onto the new transmission. Start the 4 bolts that secure the platform to the transmission.
**Ensure that all 4 bolts have gone through the 4 smaller holes in the brake friction ring. Once these 4 bolts have been started, remove the wire ties holding the brake friction ring in place.
12. Tighten these four bolts to the required torque.
13. Reattach the platform to the tub with the 4 bolts removed earlier. Reattach the transmission pulley and belt.
14. Flip the tub/drive assembly and reassemble the basket (same as today).
15. Reassemble the tub/drive assembly into place (same as today).
16. Test the brake by spinning and stopping the machine to insure brake is performing. Check several times to allow brake to initially wear in. Basket should stop in approx. 2 seconds.

WH00X411



GE Appliances

General Electric Company
Appliance Park, Louisville, KY 40225

Service Bulletin

**TUB COVER
BLEACH SYSTEM REDESIGN
NEW PART NUMBER
WH45X10022**

HL 4-98

May 1998

Effective May 1st 1998, the factory will start producing washers with a new redesigned Tub Cover with a new Bleach system. The part number for the new tub cover is WH45X10022.

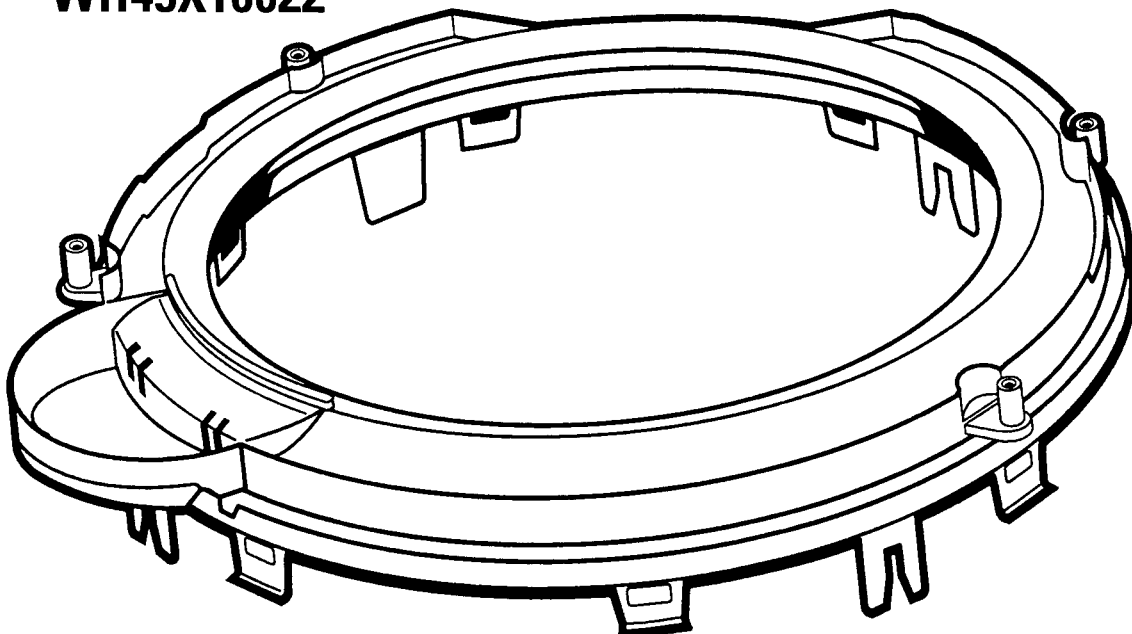
If it becomes necessary to replace a tub cover on a washer with the old tub cover and the bleach dispenser system that connects to the tub chamber, you will need to order a WH49X10010 Tub Cover Kit. The Kit includes a new tub cover, bleach funnel, wire tie, cap, clamp, and instructions. When using the kit you must discard the old bleach asm. components.

The new tub cover kit (WH49X10010) can be used on all existing and new production T-line washers.

NOTE:

Please pay careful attention to each step of the instructions included with the Tub Cover Kit.

WH45X10022





GE Appliances

Service Bulletin

ELECTRONIC CYCLE
EXTENDER KIT FOR
WPSQ4160T WASHER

HL 5-98

General Electric Company
Appliance Park, Louisville, KY 40225

August 1998

Symptom: Washer not advancing through cycles on Profile™ **WSPQ4160T1** through **T6**.

When the WPSQ4160T washer is not advancing through a cycle and the diagnosis determines that the timer or wiring connections are not the cause, it may be necessary to replace the cycle extender. The cycle extender is replaced with a "Three in One" kit, which replaces the cycle extender, relay and beeper. Use this kit only on models T1 through T6. A change was made to the one piece board starting with the T7 production series. The part number for the kit is **WH49X10005**. Pay careful attention to each step of the instructions included with the kit. A copy of the instructions are included below.

NOTE: After kit installation, confirm the repair. Select the end of cycle signal and extended spin. Set the timer to Handwash cycle, rinse agitate. Let the washer fill, agitate, and run through the remainder of the cycle (do not manually advance the timer). Verify the end of cycle signal is operating and the final spin time is four (4) minutes.

ELECTRONIC CYCLE EXTENDER KIT FOR MODEL 4160 WASHER WH49X10005

Kit Components

1. Electronic board
2. Black wire harness
3. Two (2) large connectors
4. Four (4) small connectors
5. Violet wire harness

Parts to Remove

1. Relay, cycle extender, & mounting bracket.
2. Beeper

Tools Needed

1. T20 torx driver
2. Wire cutter/stripper/ crimper

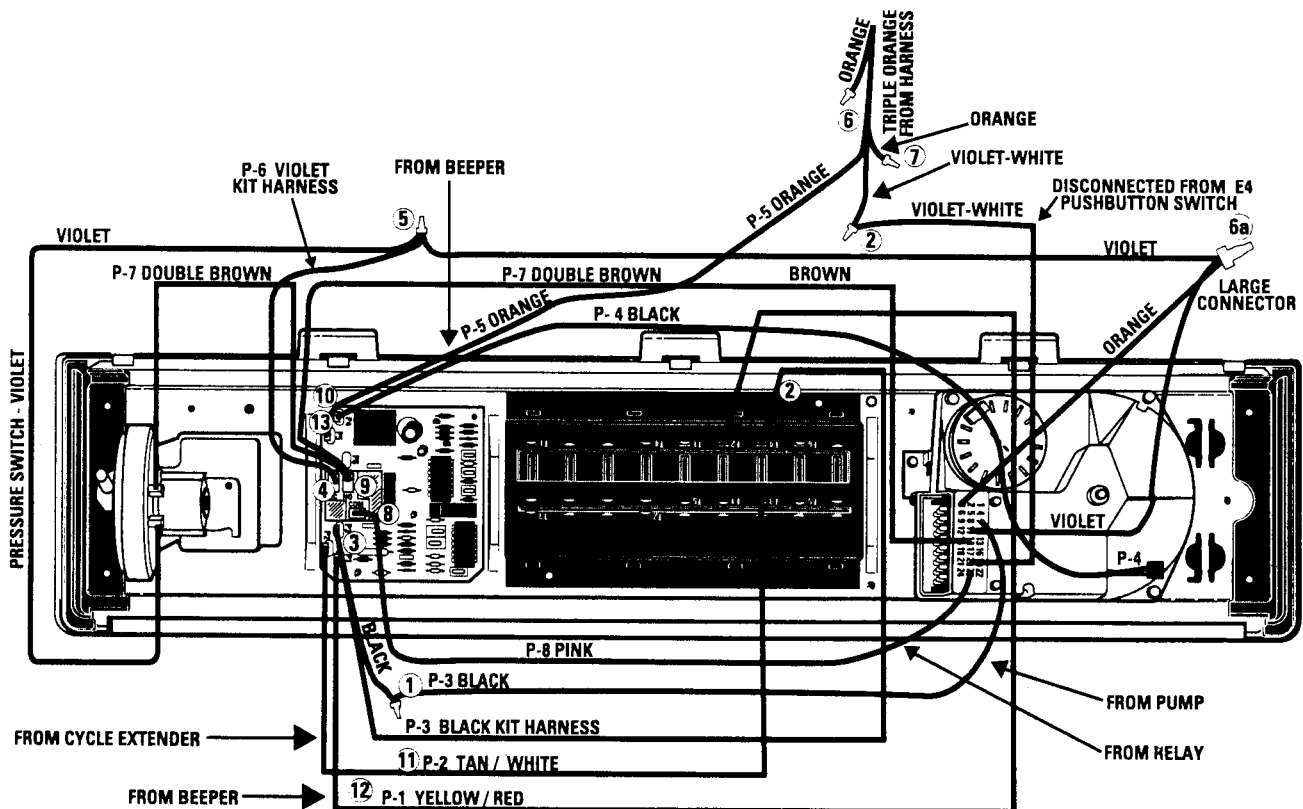
Kit Use:

Use this kit to replace a defective cycle extender WH12X1035 (located on a mounting plate secured to the backsplash rear panel).

- Unplug washer.
- Open control panel by removing four (4) screws on top and rotating forward.
- Modify the electrical wiring using the following **numbered** installation instructions. A **matching "circled number"** sketch of the wiring after the modification is attached.
- Remove the relay, cycle extender, and mounting plate assembly (leaving standoffs in rear panel to plug holes).
- Remove the beeper.
- Install the electronic board (Kit item 1) in the beeper location.

over...

- ① Cut off the terminal on the black wire attached to the AC relay. Connect the black wire to the black wire harness (Kit item 2) using a small closed-end connector (Kit item 4).
- ② Disconnect the double violet-white wire terminal from push-button switch E4 connection. Cut off the terminal and connect those two wires using a small closed-end connector (Kit item 4). Connect the black wire harness (Kit item 2) single-wire terminal to push-button switch E4 connection.
- ③ Connect the two-wire terminal on black wire kit harness to electronic board P3 connection.
- ④ Connect the violet wire kit harness (Kit item 5) to the electronic board's large relay at the outboard connection of the two parallel connections.
- ⑤ Cut off the violet wire at both the AC relay N.C. connection and at the cycle extender L2 connection. Discard the short violet wire between those connections. Strip wires one-half inch. Connect these two violet wires with the violet wire kit harness (Kit item 5) using the large closed-end connector (Kit item 3).
- ⑥ At approximately three inches from the wire splice, cut the orange wire connected to R3 on the timer and insulate the splice end with a small closed-end connector (Kit item 4).
- ⑥a At least four inches from the timer, cut the violet wire connected to R11 on the timer and connect those two ends with the orange wire attached to R3 on the timer (see step 6) using the large closed-end connector (Kit item 3). Strip wires one half inch.
- ⑦ Cut the orange wire going to the AC relay coil and insulate the wire end by attaching a small closed-end connector (Kit item 4).
- ⑧ Disconnect pink wire terminal from the AC relay COM connection and connect it to the electronic board's large relay at the connection located away from the other two connections.
- ⑨ Disconnect brown wire terminal from the AC relay N.O. connection and connect it to electronic board's large relay at the inboard connection of the two parallel connections.
- ⑩ Disconnect black wire terminal on the cycle extender H2 connection and connect it to the electronic board P4 connection (Kit item 1).
- ⑪ Disconnect tan-white wire terminal on cycle extender H1 connection and connect it to the electronic board P2 connection (Kit item 1).
- ⑫ Disconnect the yellow-red wire terminal from the deluxe buzzer (beeper) and connect it to the electronic board P1 connection (Kit item 1).
- ⑬ Disconnect the orange wire terminal from the deluxe buzzer (beeper) and connect it to the electronic board P5 connection (Kit item 1).





GE Appliances

General Electric Company
Appliance Park, Louisville, KY 40225

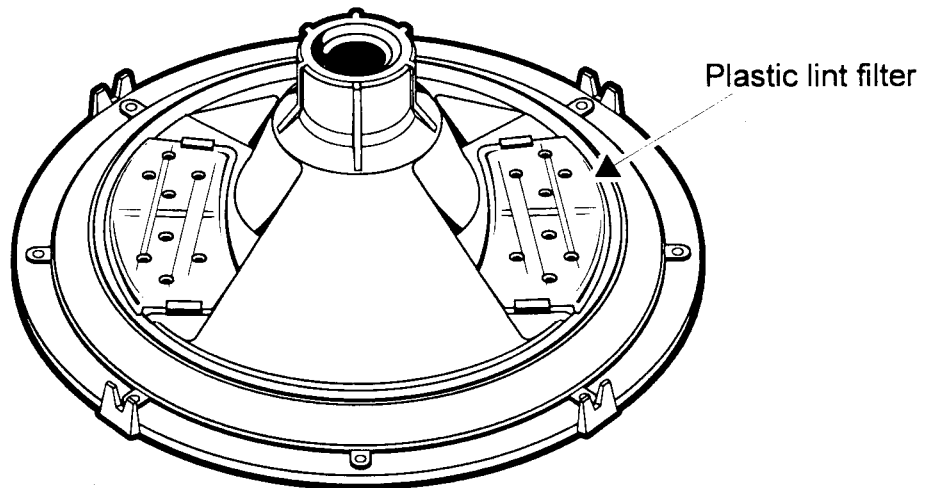
Service Bulletin

**ONE PIECE LINT
FILTERING HUB**

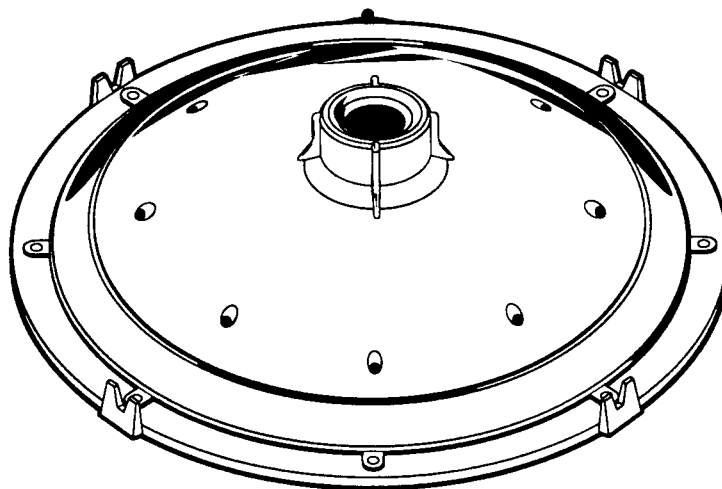
HL 6-98

November 1998

Effective October 1, 1998, all Louisville built GE washers are being produced with a one-piece lint filtering hub (WH45X10027). This change eliminates the need for plastic lint filters on all Louisville built washers produced after October 1. The plastic lint filter (WH1X2728) will remain in inventory as a replacement part for units manufactured before October 1, 1998.



Old style hub (WH45X10013)



New style hub (WH45X10027)



GE Appliances

General Electric Company
Appliance Park, Louisville, KY 40225

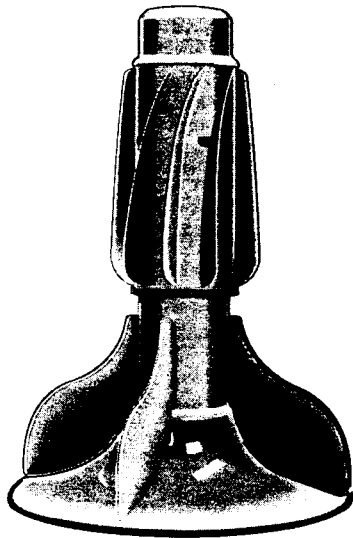
Service Bulletin

AGITATOR FLOATING OFF

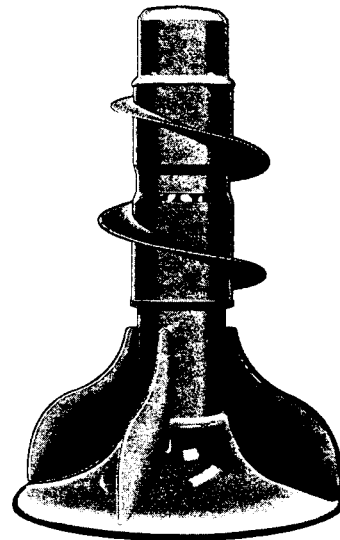
HL2-99

June 1999

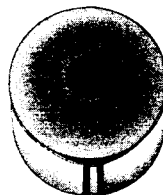
Typically, when an agitator floats off on front-service washers, the agitator is reseated or a new agitator installed. On service calls for a floating agitator problem, replace both the agitator and the coupling. The threads on both the agitator and the coupling can become damaged during reseating. Replacing both parts will prevent future reoccurrences.



WH43X141



WH43X142



WH43X137



GE Appliances

Service Bulletin

CABINET DRUMMING

HL3-99

General Electric Company
Appliance Park, Louisville, KY 40225

June 1999

Cabinet drumming is the flexing of the side of the cabinet during agitate. It becomes worse as the amount of clothes in the washer is increased. A small area on the right side of the apron near the top rear OR on the back side near the top right will pop in and out. See the identified areas in Figure 1.

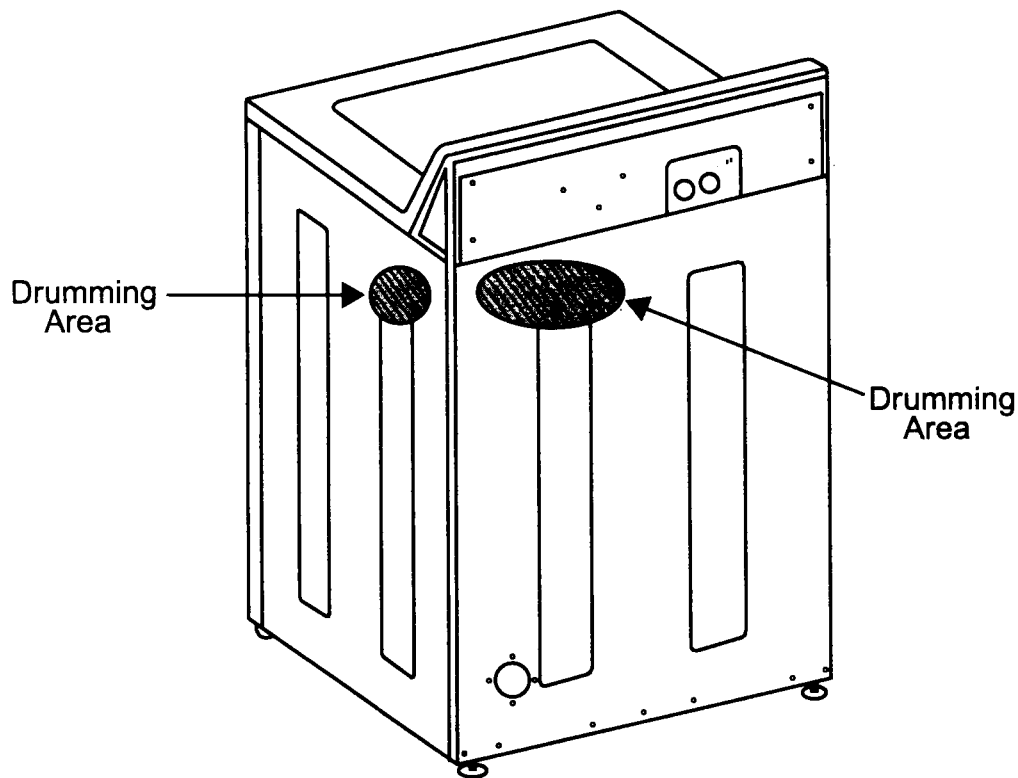


Figure 1

This is caused by variation in our manufacturing processes. We are working to address the issue in our factory. Until then you will see occasional problems with cabinet drumming. This problem does not reduce the performance or life expectancy of the washer. This field fix is intended to decrease the noise and movement caused by cabinet drumming in order to provide a more satisfactory washer to the consumer.

- over

There are three potential field fixes. Prior to fixing the problem be sure to determine the exact location that is drumming. A larger clothes load (lots of towels, jeans, etc.) will tend to drum more than a smaller clothes load. This will help in confirming that it is drumming as well as determining whether or not you have solved the problem.

Fix #1- Add mastic sound pack to inside of washer

Add a piece of mastic to the inside of the washer where the drumming is occurring. This will not reduce the movement significantly but it should reduce the noise level and the echoing.

Fix #2 - Add a screw directly above the drumming point

Drill a hole through the rod support and the apron flange directly above the drumming point. Be sure the screw and screw head will not interfere with the operation of the washer in this location. Use a blunt point screw to hold the materials together. This will reduce the severity of the 'pop' of the material and often eliminate the noise.

Fix #3 - Add a small spacer between the rod support and the apron flange

Add a small piece of mastic (single or double thickness) between the rod support and apron flange directly above the drumming point. See Figure 2.

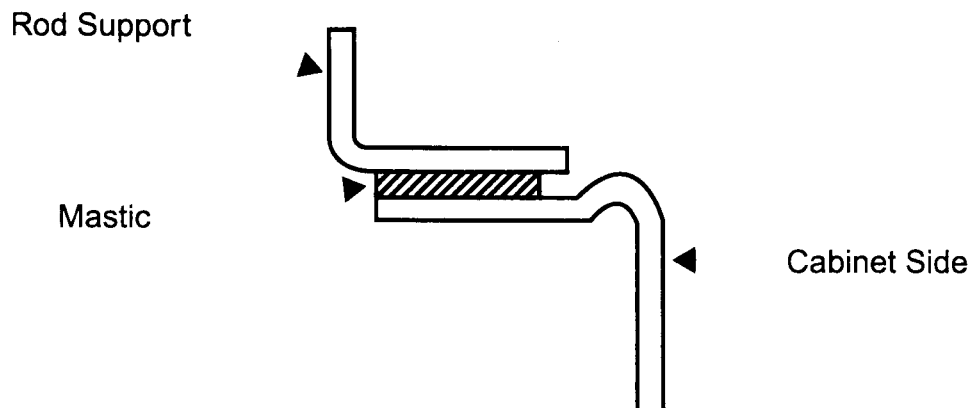


Figure 2 - cross section

Which Fix Do I Use?

Fix #1 is the easiest to do. Only the front panel needs to be removed. It is good at eliminating minor problems.

Fix #3 is the most difficult as the front panel and cover need to be removed, but is also the most effective. It will eliminate the worst drumming. If one thickness of mastic doesn't do the trick put in two.



General Electric Company
Appliance Park, Louisville, KY 40225

Washer Motor Replacement
With and without Capacitor

HL 5-99

September, 1999

WASHER MOTOR REPLACEMENTS ON WASHERS WITH AND WITHOUT START CAPACITORS

When replacing a capacitor start washer motor, either the WH20X867 or WH20X10006 series motors is acceptable. For washers without a capacitor, only use the WH20X10006 motor. The WH20X867 motor when installed without the capacitor does not have sufficient torque in low voltage situations.

You can identify the motor type using the motor label on the front of the motor. See Figure 1 and 2 below:



Figure 1

Motors with this model number can be used on washers with and without capacitors.

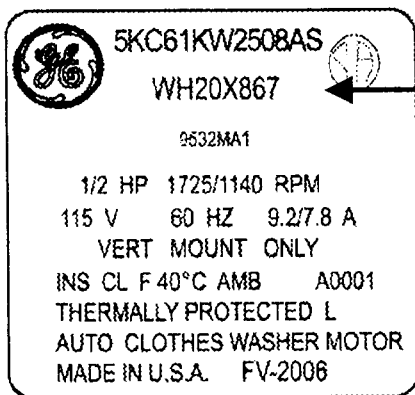


Figure 2

Motors with this model number can only be used on washers with capacitors.



GE Appliances

Service Bulletin

WASHER LEAKS AND TRANSMISSION REPLACEMENTS

HL 8/99

General Electric Company
Appliance Park, Louisville, KY 40225

September, 1999

As a result of the cooperation and efforts of our field technicians, our engineering department has been able to examine hundreds of returned transmissions. This has allowed us to understand and correct the problems that cause transmission failures. The quality of the transmission that is being built now is better than ever.

One problem: A significant number of transmissions that are good are being changed when the customer complains of a water leak.

WHEN SERVICING A MACHINE WITH A WATER LEAK, PLEASE CONSIDER THE FOLLOWING:

1. The Roller Thrust Bearing (RTB) brake has been successful. It went into production May 1997, and we haven't seen a single failure. ***It can be identified by the yellow or green stickers on the transmission housing***, while the previous design with the old style brake have white stickers.
2. DO NOT CHANGE RTB transmissions for brake failures unless you see a ***free-spinning basket***. Water leaks have many other causes, such as oversudsing, pressure switch failure, timer failure, and tub seal leaks.
3. Basket indexing in agitation is normal as long as it doesn't make an offensive noise.
 - Progression up to 2.5 inches per agitation stroke is normal.
 - Basket indexing does not cause water leaks.

Always change the tub seal when you change a transmission. The old seal will be contaminated when the transmission is removed and have a greatly reduced life.



GE Appliances

General Electric Company
Appliance Park, Louisville, KY 40225

Service Bulletin

WASHERS
FRONT PANEL ASSEMBLY KIT WH49X10021
INSTALLATION INSTRUCTIONS

HL 04-00

MAY 2000

FRONT PANEL ASSEMBLY KIT WH49X10021 INSTALLATION INSTRUCTIONS

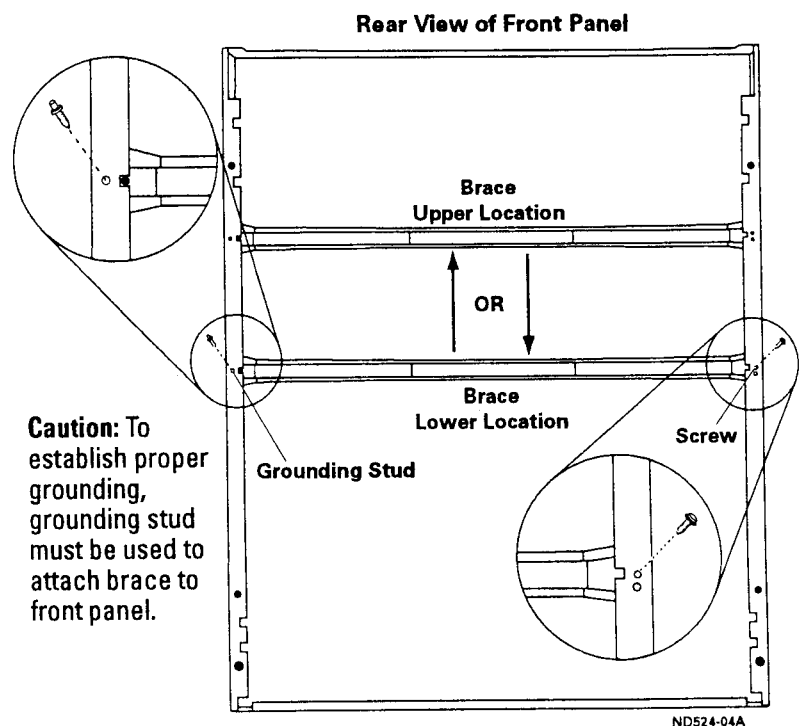
As a result of manufacturing changes and increasing concern with the possibility of improper installation, GE has developed an assembly kit (WH49X10021) to be used when replacing the front panel. The use of this assembly kit is necessary to ensure the proper installation of all replacement front panels. Improper installation issues such as, failing to install the brace or attaching the brace to the panel without the use of the grounding stud, may result in poor product performance and/or electrical shock. The kit, when used properly, will eliminate these concerns.

KIT WH49X10021 INCLUDES:

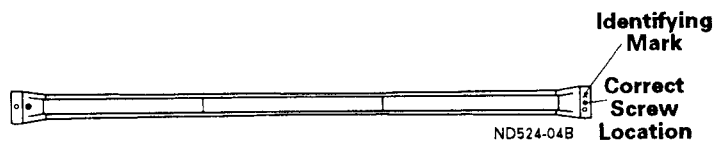
- Brace
- 1 Screw
- 1 Grounding Stud
- Instruction Sheet

INSTALLATION INSTRUCTIONS

1. Remove existing front panel.
2. Determine correct brace location by examining existing front panel or machine's apron for previous brace location (upper or lower location). After correct brace location has been determined, discard old front panel.
Note: If wrong location is used, front panel will not assemble to machine apron.
3. Locate identifying mark (X) on the end of brace, just above screw hole. This end of the brace must be attached to front panel using the screw. The opposite end of the brace must be attached to the front panel using grounding stud. (Refer to front panel diagram, and attach exactly as shown).
4. Attach replacement front panel to machine.



Caution: To establish proper grounding, grounding stud must be used to attach brace to front panel.





GE Appliances

General Electric Company
Appliance Park, Louisville, KY 40225

Service Bulletin

WASHER
FRONT SERVICE MODELS EXCLUDING
COIN AND INTERNATIONAL
LID SWITCH REMOVAL AND
INSTALLATION (REED SWITCH TYPE)

HL 05-00

JULY 2000

Introduction

Effective June 2000, all washer reed switch harnesses will include a **new wiring route** to the reed lid switch. This is necessary to avoid interference of lid switch wiring with the tubcover alignment tabs.

LID SWITCH REMOVAL AND INSTALLATION OF REED SWITCH

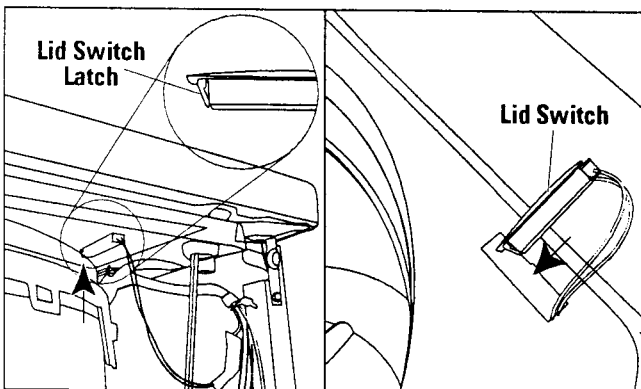
Disconnect Power to the Washer Before Beginning Kit Installation

Before you begin:

Please read these instructions completely and carefully for easy removal and installation of lid switch.

Remove Lid Switch

1. Remove washer front panel by depressing front panel clips.
2. To remove lid switch, reach under lid assembly and locate lid switch. Squeeze lid switch latch inward to release while gently pushing upward. Guide upward through lid switch opening.

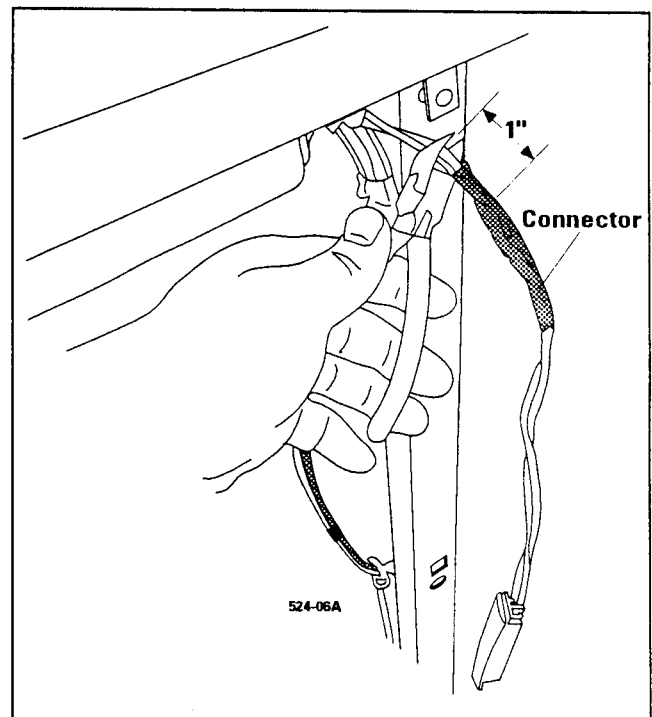


Parts Needed:

- 1 Repair Kit WH12X10141 (1 service switch and 2 crimps)
- 1 crimp tool (18 gauge)
- 1 wire stripper
- 1 RTV or silicone sealant

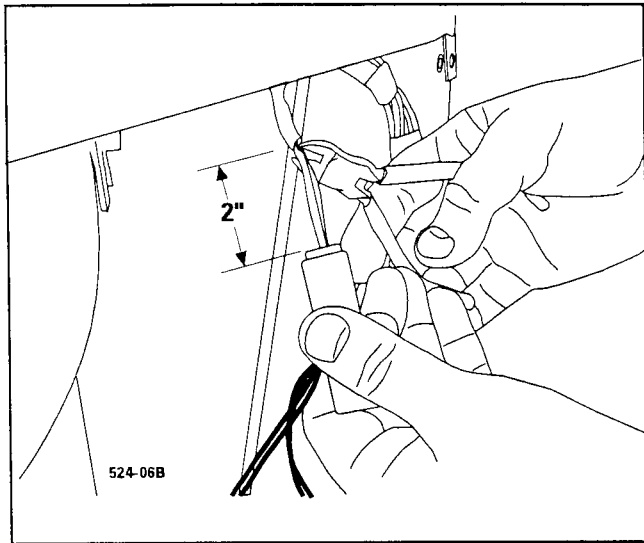
Replace Lid Switch

1. If lid switch has plastic connector (old version) cut wire leads 1" from connector on harness side.



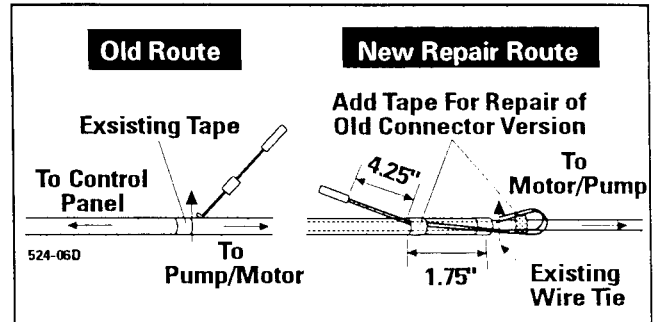
N.D. 524-06

- If lid switch does not have plastic connector (new version), cut both lid switch wire leads 2" from switch.

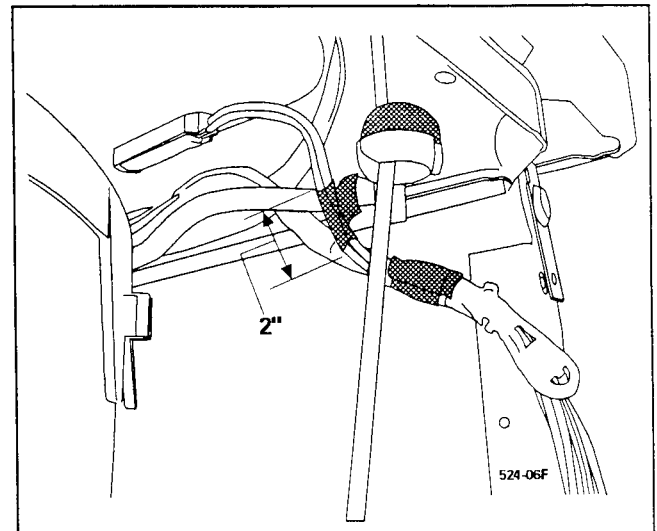


- Route the replaced switch per the repair shown below. Route the switch in this way regardless of version used.

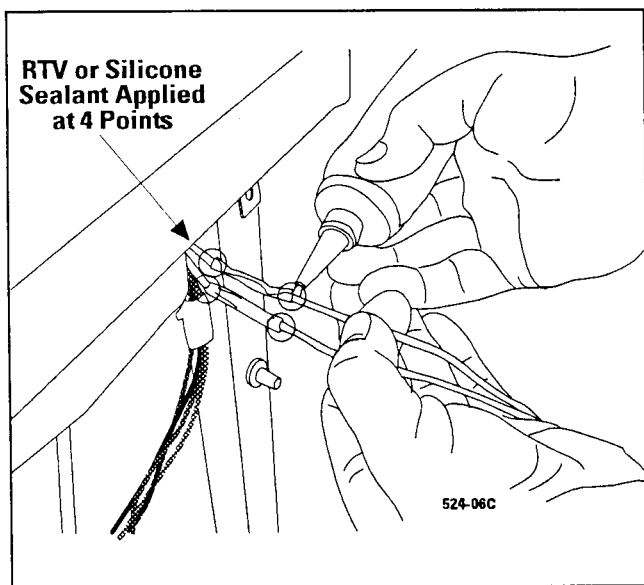
DO NOT LET TAPE OVERLAP CRIMP CONNECTIONS.



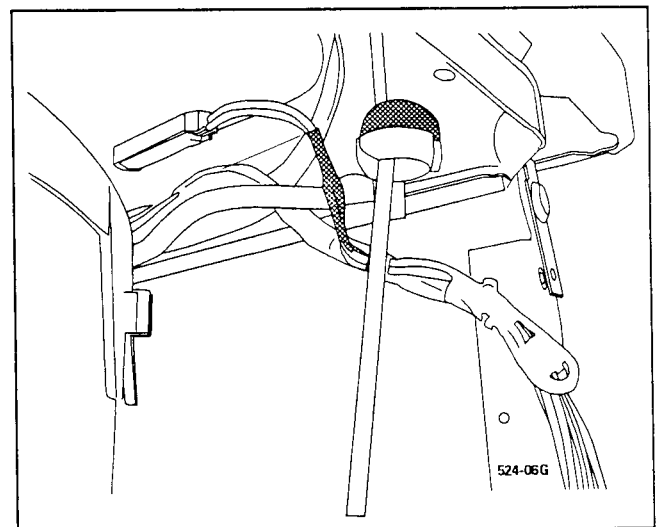
- Wrap lid switch wires with black electrical tape. Tape should be at least 2" as shown in illustration below.

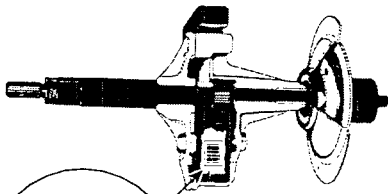


- Strip 3/16" on both 18 gauge harness wires.
- If original switch did not have a connector, cut the new 9" switch wire leads at 2" from the new switch housing. Otherwise, proceed to Step 5.
- Using the 18 gauge crimp tool, crimp each lid switch wire lead to a harness wire lead.
- Seal each side of both crimp connections with RTV or silicone sealant.



- Reinsert lid switch into washer cover. Wiring should look similar to illustration below.



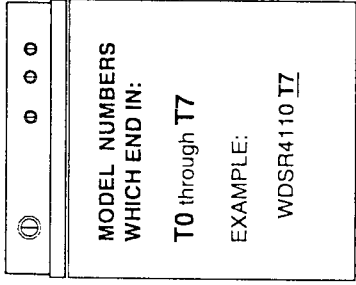


WH38X55
WILL ACCEPT
BEARING KIT

Model Series #1



**ONLY T ZERO - T7
MODELS HAVE
WH38X55
TRANSMISSIONS**

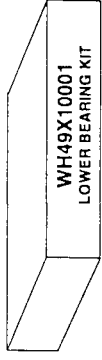


**ONLY WH38X55
TRANSMISSIONS**

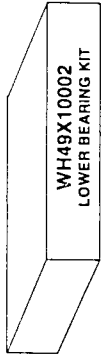


**A BEARING KIT.
THESE TRANSMISSIONS
ARE IDENTIFIED BY A
WHITE BAR CODE
STICKER**

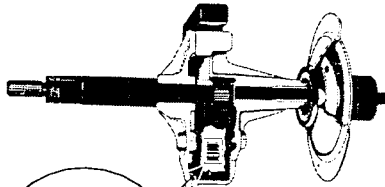
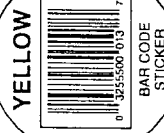
**BLUE COLOR CODED
LGS SPRING**



SUPERCEEDS TO

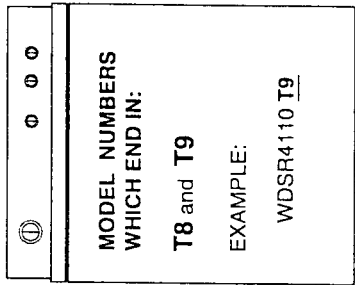


**RED COLOR CODED
LGS SPRING**



WH38X10001
WILL NOT ACCEPT
BEARING KIT

Model Series #2



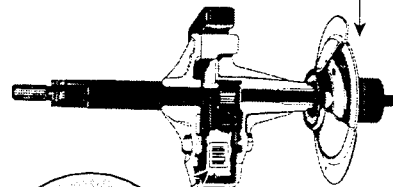
WH38X10001

This transmission can only be used in model series #1 and #2.

This transmission **WILL NOT ACCEPT** a bearing kit and should not require one.

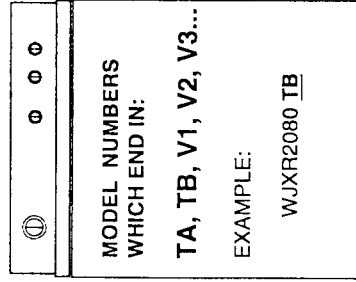
This transmission can be identified by a **YELLOW** bar code sticker affixed to the gearbox of the transmission.

**YELLOW or
GREEN**



WH38X10002
WILL NOT ACCEPT
BEARING KIT

Model Series #3



WH38X10002

This transmission can be used in **ALL** T-line series washers (model series 1, 2 & 3)

This transmission **WILL NOT ACCEPT** a bearing kit and should not require one.

This transmission can be identified by a **YELLOW OR GREEN** bar code sticker affixed to the gearbox of the transmission. This transmission also has a new brake pad design (new friction ring - see illustration to left).

