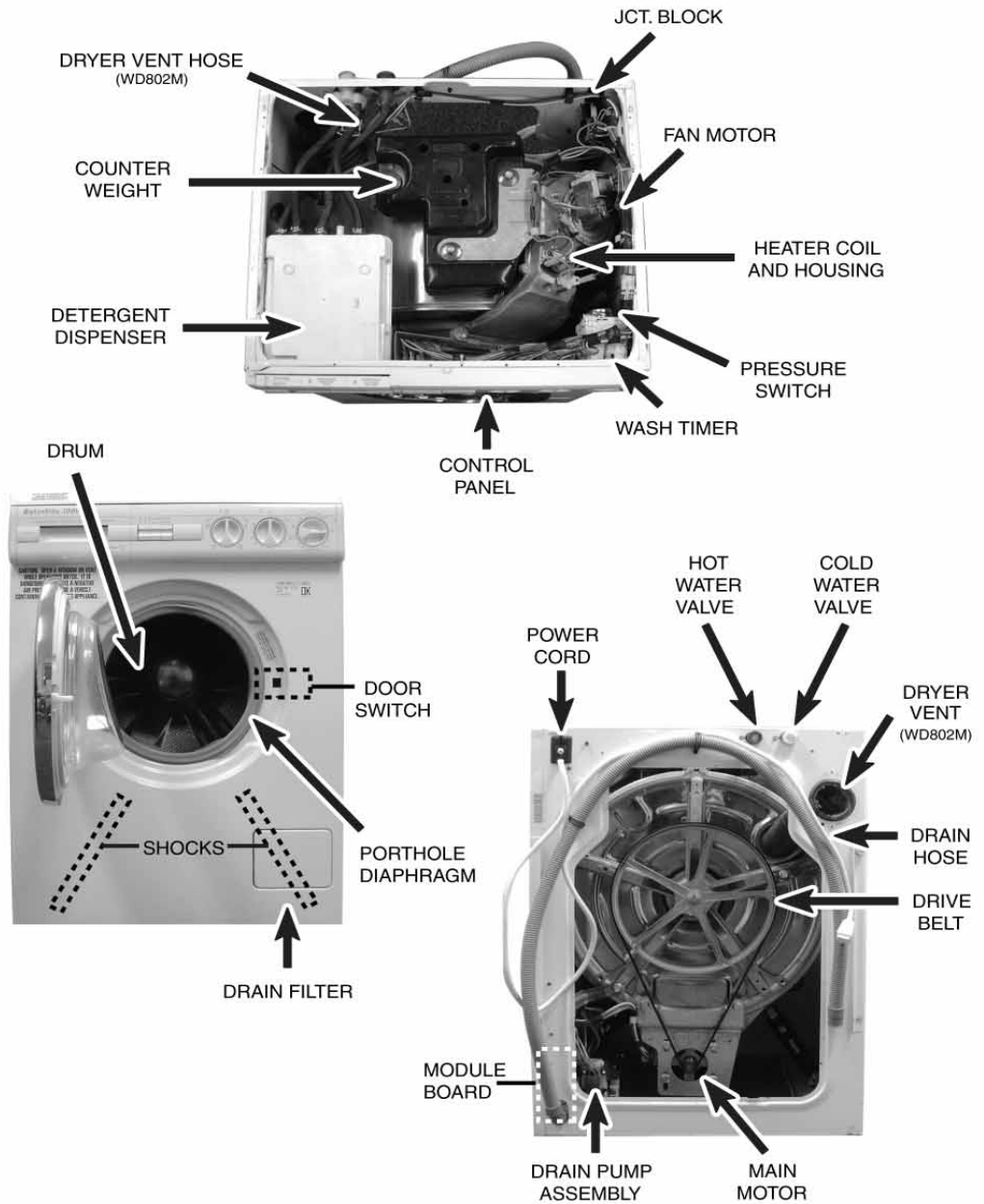


# Accessing the Components

## Component Locations

Follow the instructions in this section to gain access to the following components.



## Required Tools

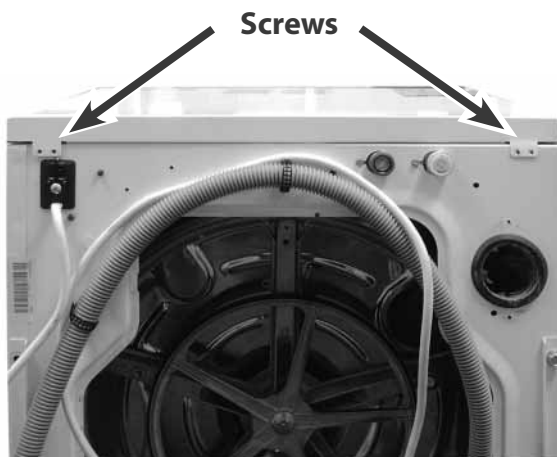
To access components in this washer-dryer, you'll need Metric and Standard sockets of various sizes, a Flat Head Screwdriver, and a Phillips Head Screwdriver.

## Top Panel / Wash Timer / Other Control Panel Components

*Access to the Control Panel requires that the top of the washer be removed.*

### Removing the Washer-Dryer Top

Four 7mm screws secure the main top at the back of the washer-dryer. (Below) Remove these screws and lift straight up on the rear of the main top, then slide forward.



### Removing the Knobs

Remove the knob by pulling straight out. If you need to use pliers, make sure to use a shop rag as a buffer, so the knob does not get damaged. (Right)

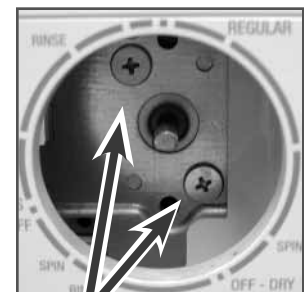


### Removing the Wash Timer

Two Phillips Head screws secure the wash timer to the case. (Fig. 4-1). Remove these screws.



A ground wire connects to the wash timer. Detach this wire by pulling straight out.



**Screws**

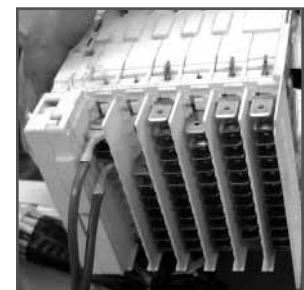
*Fig. 4-1*

Five large, color-coded plugs and two wires connect the wash timer to the wiring harness. First, mark all connections, so the plugs and wires are attached correctly when reinstalled.



*Fig. 4-2*

Remove the plugs by pressing down on the five tabs on each side using a flat blade screwdriver (Fig. 4-2).

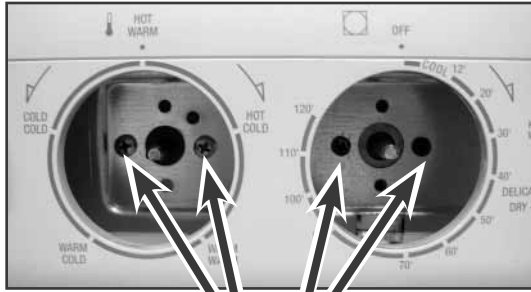


*Fig. 4-3*

Finally, detach the two wires that hold the wash timer to the case (Fig. 4-3) by pulling straight out.

## Removing Dry Time/ Water Temp. Selectors

Two Phillips Head screws secure each Selector (Below).  
Remove these screws.



Screws



Fig. 4-4

Six\* wires connect the Water Temperature Selector (Fig. 4-4) to the wiring harness. Six wires connect the Dry Time Selector (Fig. 4-5) to the wiring harness.

First, mark all connections, so these wires are attached correctly when reinstalled.

Detach these wires by pulling straight out.



Fig. 4-5

*\*NOTE: The WDC1025MCEE Water Temperature Selector is connected by four wires (instead of six).*

## Removing the Control Panel

Seven Phillips Head Screws (Below) connect the Control Panel to the case. Remove these screws, then lift the entire panel straight off.



## Door / Door Switch / Porthole Diaphragm

*Open the Door to access the Door, Door Switch and Porthole Diaphragm.*

### Removing the Door

Remove the two, Phillips screws that secure the door to the door hinge. (Fig. 4-6)

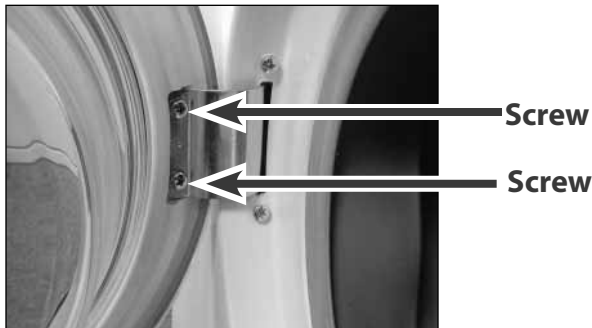


Fig. 4-6

switch is secured to the washer front panel with two, Phillips Head screws (Fig. 4-8). Once these screws are removed, the door switch can be pulled out so the wires can be removed. Then, detach the five wire connections from the door switch by pulling straight out.

**Reinstall the retainer wire** by easing it back on to the front of the diaphragm with the help of two flat-head screwdrivers (see right).

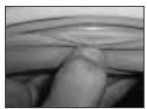


### Removing the Door Switch



Fig. 4-7

If the washer top cannot be removed, access to the door switch requires that the porthole diaphragm and retainer wire be eased back from the front of the washer. To do this, grab the edge of the diaphragm with both hands and pull up and out (4-7). If there's resistance, try a different area until you find a spot that's looser.



Remove enough of the diaphragm to gain access to the door switch behind the washer dryer front panel (see below). The door

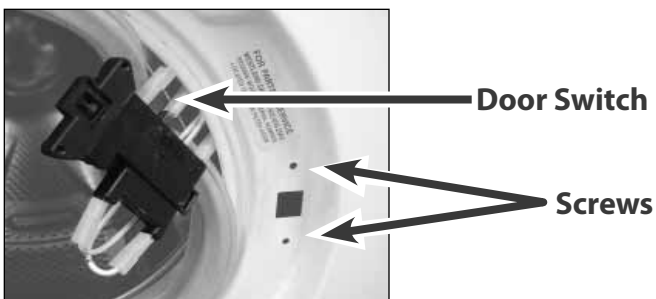


Fig. 4-8

### Removing the Porthole Diaphragm

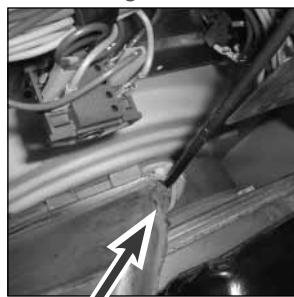


Fig. 4-9

**Plastic Wire Tie**

Using a flat-head screwdriver, gently ease the diaphragm off of the heater housing (Fig. 4-9).

Next, locate and loosen the 8mm bolt that holds the clamp to the drum (Fig. 4-10). The diaphragm can now be removed completely from the tub. Pull the diaphragm off the drum and out of the machine through the front porthole.

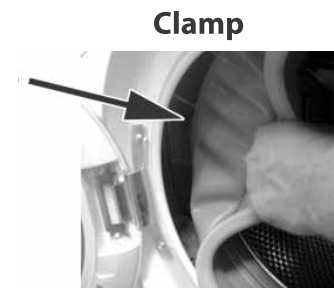


Fig. 4-10

# Detergent Dispenser Assembly / Water Valves

Access to the Detergent Dispenser and Water Valves requires that the top of the washer be removed.

## Removing the Dispenser Assembly

Begin by removing the top, then use two hands to pull the dispenser drawer completely out of the housing. (Fig. 4-11) Remove the four Phillips Head screws securing the front of the detergent dispenser assembly to the top of the Control Panel (Fig. 4-12).

Fig. 4-11



Fig. 4-12

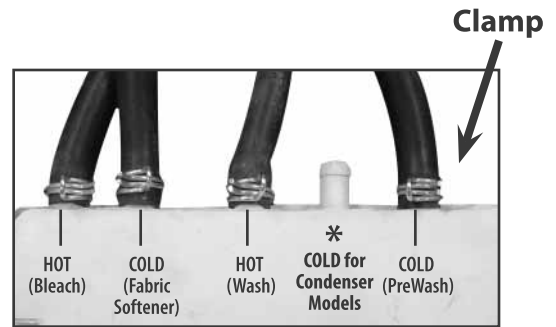


Fig. 4-13

Squeeze to remove the four clamps securing the detergent dispenser assembly to the fill hoses. (Fig. 4-13). Next, squeeze to remove the clamp that holds the large hose to the bottom of the dispenser assembly (see right).



Once removed, the hoses can be pulled straight off. Now you can lift the detergent dispenser assembly out.

## Removing the Water Valves

Begin by removing the top. Remove the two Flat Head screws that secure the valves to the back of the machine (Fig. 4-14).

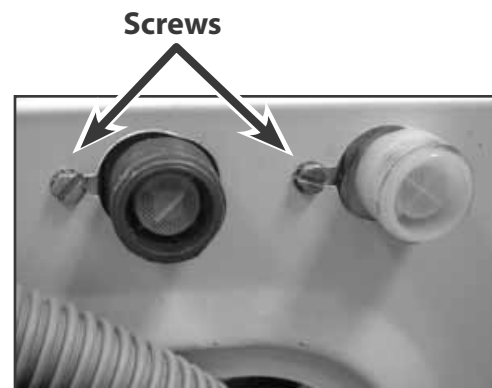


Fig. 4-14

(Continued on the next page)

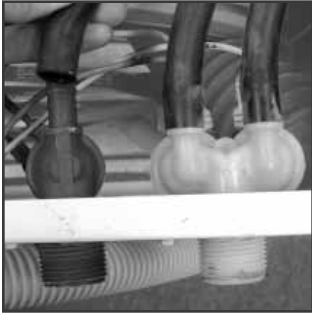


Fig. 4-15

The Hot Water Valve (Red) is connected with one hose and two wires. The Cold Water Valve (White) is connected with two hoses and four wires (Fig. 4-15). \*NOTE: The WDC1024M, WDC1025M and WDC1025MCEE Cold Water Valve is connected by THREE hoses and SIX wires (instead of two hoses and four wires.)



Remove the hoses by pulling straight out. First, mark all connections, so the hoses and wires are attached correctly when reinstalled. Detach these wires by pulling straight out.

### IMPORTANT!

*It's very important to note the orientation of the wiring on the valves for re-installation. If the wiring is switched the water temperatures will be incorrect, and on condenser machines, the dry cycle will not operate correctly.*

## Pressure Switch

*The Pressure Switch is located on the top-right, front corner of the machine. The pressure switch can be accessed once the top is removed.*

### Removing the Pressure Switch



The Pressure Switch is attached to a metal plate behind the Dry Time Knob. To release the metal plate, first remove the Dry Time knob by pulling straight out. Next, using a small screwdriver, bend the

three tabs (Fig. 4-16) inwards.

Using pliers, snip the plastic wire tie that connects the metal plate to the wiring harness.

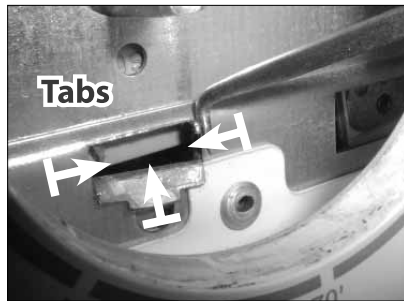


Fig. 4-16

Using pliers, squeeze the clamp to disconnect the black hose from the bottom of the pressure switch (Fig. 4-17). Be careful not to pull up on the hose too much, or it may become disconnected from the

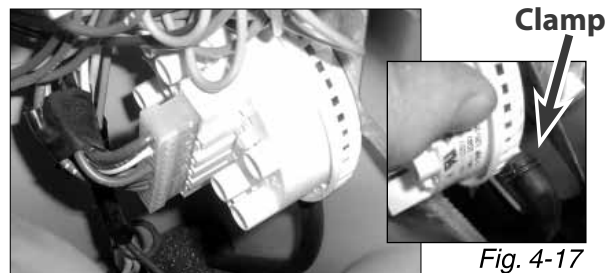
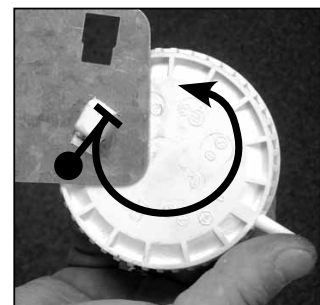


Fig. 4-17

bottom of the drum. Next, pull straight out (Above) to remove the Wire Harness connector from the pressure switch.

Finally, to detach the Pressure Switch from the metal plate, push it upwards, then rotate it clockwise (Right).



## Fan Motor / Thermostats / Fuse Link & Heater Coil

The Fan Motor, Thermostats, Fuse Link and Heater Coil are located on or in the Heater Duct Assembly that sits on the drum and are located on the top, right side of the machine. They can be accessed once the top is removed.

### Removing the Fan Motor

Disconnect the two wires that are attached to the fan motor. Next, remove the four 7mm screws that secure the fan motor to the Heater Duct Assembly. (Fig. 4-18)

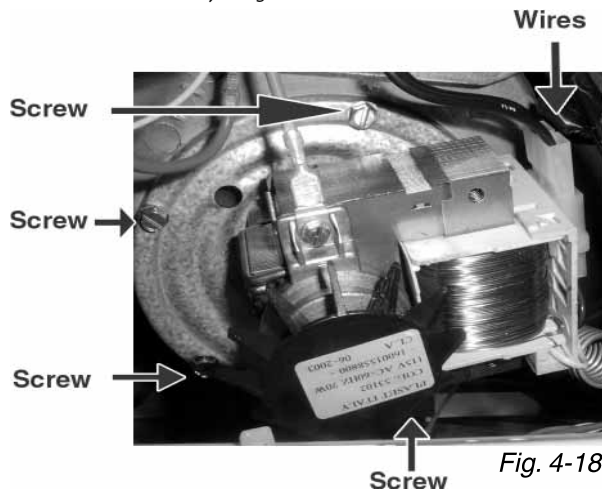


Fig. 4-18

Remove the 11mm nut with LEFT-HANDED threads (Below) that secures the impeller to the motor shaft. Lift the impeller straight off the fan motor shaft. You may need to use a punch.



**NOTE:** Make sure the impeller does not touch the gasket when re-installed. If the gasket is damaged it will need to be replaced.

### Removing the Fuse Link



Detach the two wires connected to the Fuse Link (Fig. 4-19, A) by pulling straight out. Using a Phillips Head screwdriver, remove the screw that secures the Fuse Link to the Duct Assembly. Lift the Fuse Link off the Heater Duct Assembly.

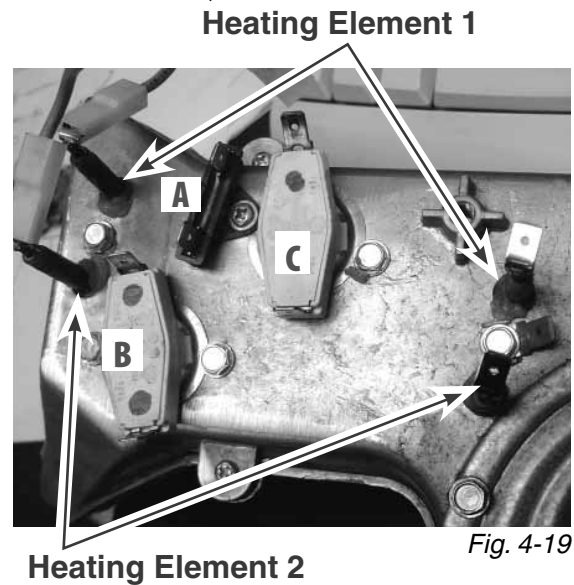


Fig. 4-19

### A) Fuse Link

B) 110° F Thermostat (Marked w/two red dots)

C) 88° F Thermostat (Marked w/one red dot)

### Removing the Thermostats

This machine has two Thermostats (Fig. 4-19, B and C). The Thermostat is secured to the Heater Duct Assembly with two 7mm nuts (or one 7mm nut and one Phillips Head screw) - one on each side. Two wires connect each Thermostat to the Wiring Harness.

To remove a Thermostat, detach the two wires by pulling straight out. Remove the two nuts (or one nut and one screw). Finally, pull the Thermostat straight out of the Duct Assembly.

(Continued on the next page)

### Removing the Duct Assembly

First, mark all connections, so these wires are attached correctly when reinstalled. Detach these wires by pulling straight out. Remove the two 13mm nuts that secure the Heater Duct Bracket to the Counter Weight (Fig. 4-20).

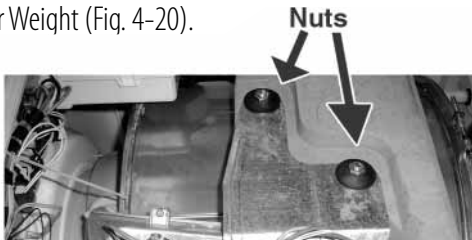
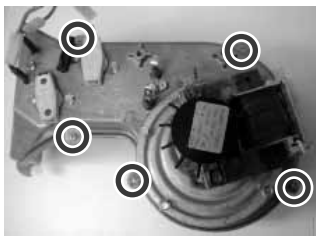


Fig. 4-20



Carefully cut the plastic wire tie that secures the diaphragm to the lip of the heater housing (Left).

### Removing the Duct Assembly



Using a Phillips Head Screwdriver, remove the five Phillips Head Screws that hold the Heater Duct Assembly together (Left). Carefully pry the two pieces of the housing apart.

Once apart, remove the two 7mm screws that secure the Heater Coil to the housing (Fig. 4-22). Pry the Heater Coil out of the Heater Duct Assembly - use care not to damage the Housing.



Fig. 4-22

## IMPORTANT! About Condenser Models

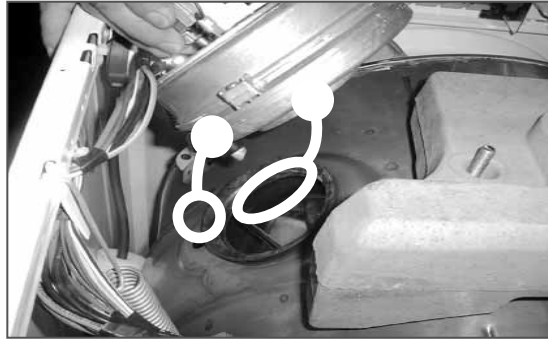
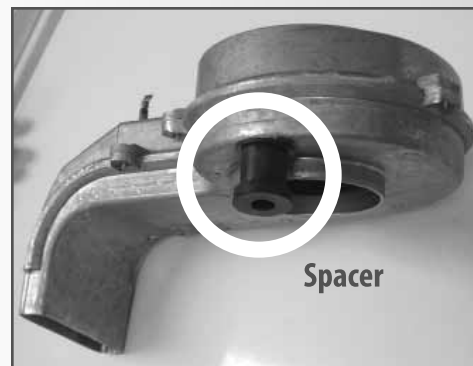


Fig. 4-21

There are two gaskets on the heater housing assembly. When reinstalling the assembly, you must align these two gaskets with the corresponding holes. (Fig. 4-21) After carefully aligning the gaskets with the holes, apply downward pressure as you tighten the two nuts that secure the heater housing bracket to the counterweight. (Right) If the gaskets are not seated correctly, the unit will leak.



## IMPORTANT! About Vented Models



Vented models have a rubber spacer on the heater housing that assures clearance for adequate airflow to the fan. Check that this spacer is properly installed before reassembly.



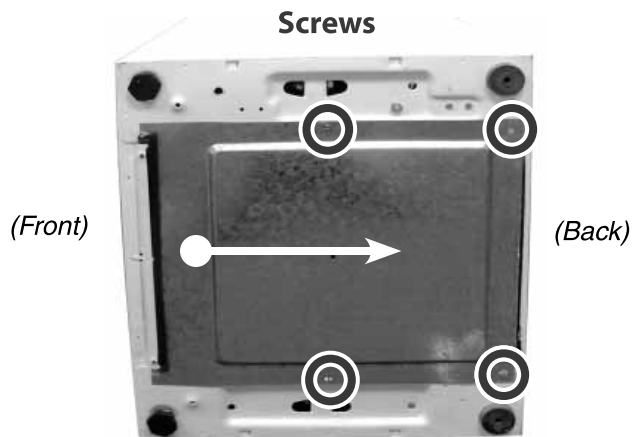
## Drain Pump / Pump Filter

*The Drain Pump is located at the lower, right-rear of the machine.  
You'll need to remove the Lower Panel to access the Drain Pump and Pump Filter.*

### Removing the Drain Pump

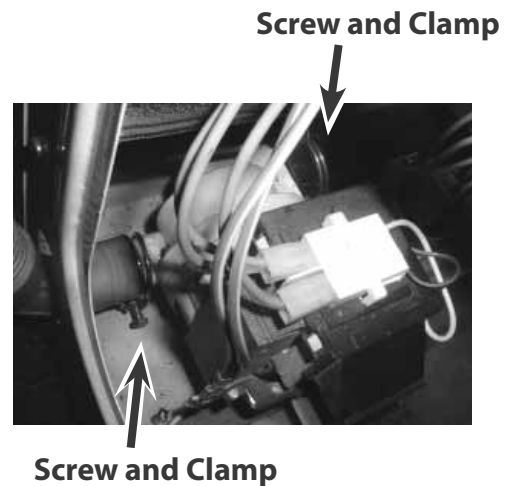
With any residual water drained from the unit, gently tip the washer onto its right side.

To remove the Bottom Panel, remove the four screws that secure the sheet metal cover to the bottom of the washer. Remove the metal cover by sliding it towards the back.



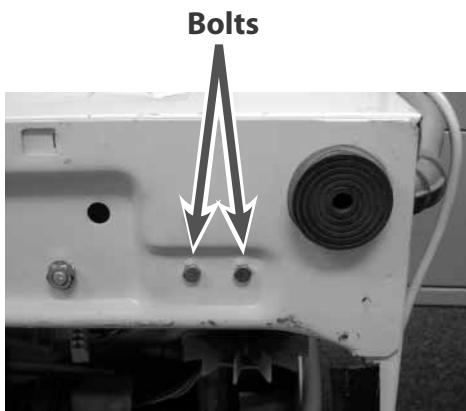
The Drain Pump is connected to hoses that are secured with two clamps and two 7mm screws (Fig. 4-24). Before you disconnect the hoses, note their orientation and place a towel under them to catch any water left inside.

After removing the screws, unclamp the hoses from the Drain Pump and remove the entire pump assembly.



Remove the two 8mm bolts that secure the Drain Pump to the cabinet. (Fig. 4-23).

*(Pump Filter on the next page)*



*Fig. 4-23*

## Removing the Pump Filter

The Pump Filter is located in the lower, right-front of the appliance. With any residual water drained from the unit, gently tip the washer on its right side and remove the sheet metal cover on the bottom (See Removing the Drain Pump).

Two clamps secure two hoses to the Pump Filter (Fig. 4-24). Before you disconnect the hoses, note their orientation and place a towel under them to catch any water left inside. Next, unclamp the hoses from the Pump Filter.

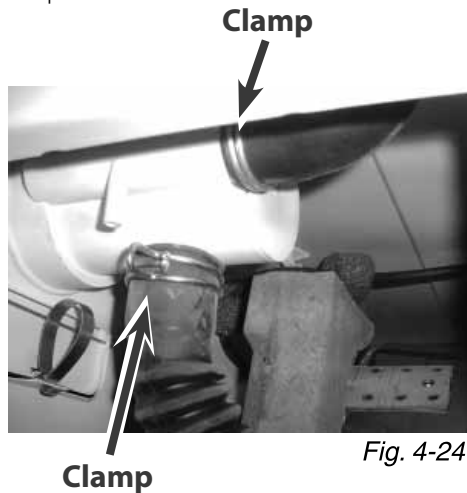


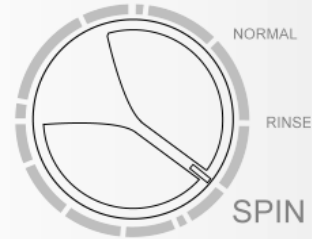
Fig. 4-24

Using a Phillips Head screwdriver, remove the two screws that secure the Pump filter to the front of the washer case (Below).



## To Clean Out the Filter

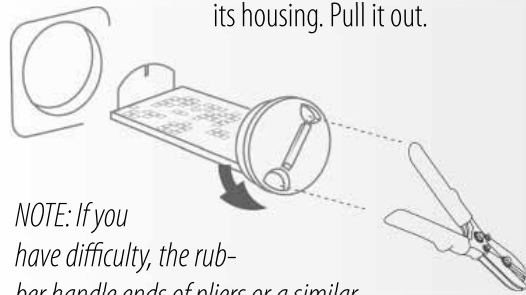
First, place a towel beneath the filter area to catch any water that may come out.



With the machine empty and OFF, turn the Program Selector Knob to the start of the first spin cycle (Above). Next, Push the power button ON (In). The drum will begin spinning. *NOTE: You'll have 5 minutes to complete this task before the pump begins cycling.*



Open the Filter Door by pressing on the left side (Left). Turn the filter counter-clockwise (Below) to release it from its housing. Pull it out.



*NOTE: If you have difficulty, the rubber handle ends of pliers or a similar tool can be used to unscrew or tighten the filter.*

Clean the filter under running water to help remove all lint and debris. Replace the filter by sliding it back into its housing and turning clockwise to tighten securely. Finally, close the service door and press the Power button OFF (Out).



## Back Panel / Main Motor / Motor Brushes

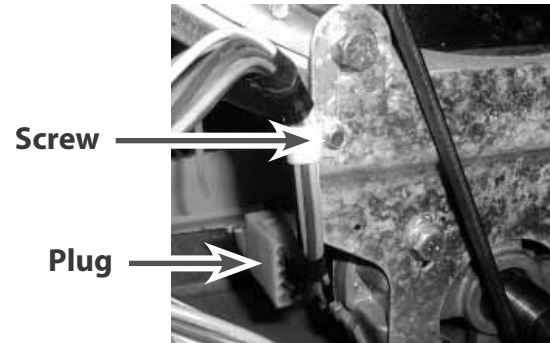
*The Main Motor can be accessed once the back panel has been removed.*

### Removing the Back Panel

Remove the three, 7mm screws that secure the panel to the back of the cabinet (Fig. 4-25) Now lift the panel off.



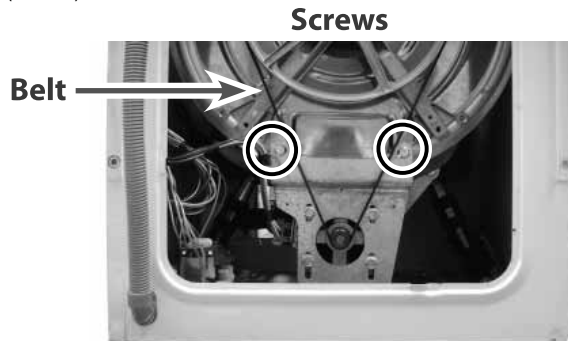
Fig. 4-25



Next, Remove the 7mm screw that secures the wire harness to the motor bracket (Above). A plug connects the Wire Harness to the Motor (Above). Unplug it by squeezing the two tabs on both the top and bottom of the plug and pulling straight out. Finally, lift the Main Motor out of the cabinet.

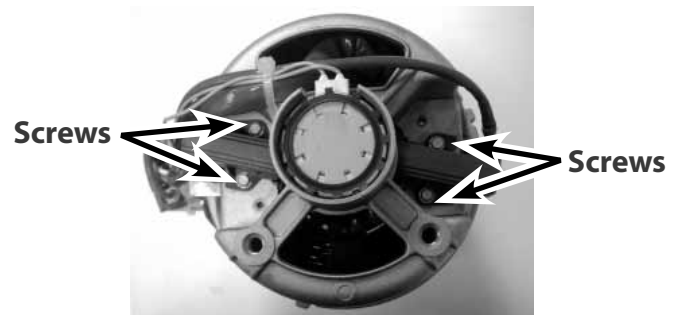
### Removing the Main Motor

After removing the Back Panel, remove the Drive Belt. Next, remove the two 13mm mounting bolts that secure the motor to the tub. (Below)

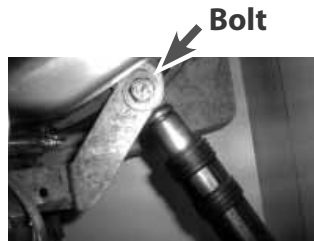


### Removing the Motor Brushes

Remove the two, 5.5mm screws that hold the brush in place (Below). Lift the brushes out of the motor assembly.



Remove the 17mm bolt that secures the motor bracket to the right-hand shock (Right).



## Module Board / Shock Absorbers

*The Module Board and Shock Absorbers can be accessed once the Back Panel has been removed.*

### Removing the Module Board

Remove the three, 7mm screws that secure the panel to the back of the cabinet (Fig. 4-25). Now lift the panel off.

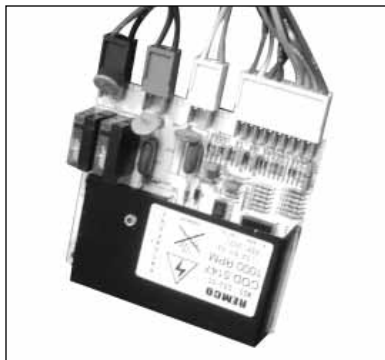
15 wires (4 plugs) connect the Wire Harness to the Module Board. Directly above the Module Board, a plastic clip secures these wires to the rear of the case. Open the clip (Right) and pull the wires away from the clip to allow more slack when removing the Module Board.



The Module Board sits in a black plastic housing. To remove the Module Board from the housing, first pull the large tab outward (Fig. 4-26). Then, push the board forward and completely out of the housing.



*Fig. 4-26*



*Module Board*

### Removing the Shock Absorbers

The tub is held in position by two Shock Absorbers. After removing the Back Panel (See Fig. 4-25), follow these steps to remove the Shock Absorbers.



Remove the bolts that secure the shock absorbers to the tub (Left) using a 17mm socket.



Remove the bolts that secure the shock absorbers to the bottom of the case (Left) using a 17mm socket.