



COMBINATION WASHER - DRYER

Training Presentation



XQG50-11SU



XQG65-11SU



WASHER DRYER COMBO

THIS IS A SINGLE FRONT LOAD
THAT BOTH WASHES AND DRIES

Features:

Portable

110v Operation

Non Vented Drying

Multiple Wash Options

Economical – Low Water Consumption



SPECIFICATIONS

FRONT LOAD WASHER DRYER COMBO UNITS

Front Load Washer and Dryer Combo Units

Revised-11/01/02

<p style="text-align: center;">XQG50-11</p>  <p style="text-align: center;">UPC: 0-51673-10500-4</p>	<p>11.0 lbs. Capacity Washer/Dryer Combo</p> <ul style="list-style-type: none"> • Stainless Steel Tub • Ultra-Quiet Operation • 7 Fabric Care Wash Cycles • Auto Select Wash/Rinse Temp. • Water-Saving Rinse Option • Spin Cycle On/Off Option • Detergent, Fabric Softener and Bleach Dispenser • Self Locking Door • Adjustable Leveling Legs • Retractable Casters • 1.5 Cu. Ft. Tub <p>WARRANTY-In-Home Service • 12 Months parts & labor</p>	<p>Unit Dimensions: (WxDxH inches) 23 7/8" x 21 9/16" x 33 3/4"</p> <p>Shipping Weight: 172 lbs.</p> <p>Container Quantity: 150 (40' HQ)</p>	<p style="text-align: center;">D</p>
<p style="text-align: center;">XQG65-11SU</p>  <p style="text-align: center;">UPC: 6-88057-19659-6</p>	<p>14.3 lbs. Capacity Front-Load Washer/Dryer Combo</p> <ul style="list-style-type: none"> • 800 RPM Spin Speed • Stainless Steel Tub • Ultra-Quiet Operation • 8 Fabric Care Wash Cycles • Auto Select Wash/Rinse Temp. • Water-Saving Rinse Option • Detergent and Fabric Softener Dispenser • Spin Cycle On/Off Option • Dual Dryer Temp. Settings • Variable Time Dry Selector • Adjustable Leveling Legs • Retractable Casters • 1.7 Cu. Ft. Tub <p>WARRANTY-In-Home Service • 12 Months parts & labor</p>	<p>Unit Dimensions: (WxDxH inches) 23 3/8" x 24 5/8" x 33 1/2"</p> <p>Shipping Weight: 200 lbs.</p> <p>Container Quantity: 144 (40' HQ)</p>	<p style="text-align: center;">M</p>



SPECIFICATIONS

FRONT LOAD WASHER or DRYER UNITS

Front Load Washing Machines and Matching Dryer

Revised-11/04/02

<p>XQG50-QF802</p>  <p>UPC: 6-88057-29920-4</p>	<p>800 RPM Front Loading Washer</p> <ul style="list-style-type: none"> • 11 lbs. Capacity • Stackable, Built-In or Freestanding • Stainless Steel Tub • Ultra-Quiet Operation • 8 Fabric Care Wash Cycles • Auto Select Wash/Rinse Temp. • Water Saving Rinse Option • Spin Cycle On/Off Option • Detergent and Fabric Softener Dispenser • Adjustable Leveling Legs • 1.5 Cu. Ft. Tub <p>WARRANTY-In-Home Service • 12 Months parts & labor</p>	<p>Unit Dimensions: (WxDxH inches) 23 7/16" x 21 7/8" x 33 1/2"</p> <p>Shipping Weight: 172 lbs.</p> <p>Container Quantity: 150 (40' HQ)</p>	<p>10</p>
<p>GDZ5-1</p>  <p>UPC: 6-88057-19661-9</p>	<p>11 lbs. Capacity Front Load Electric Dryer</p> <ul style="list-style-type: none"> • Stainless Steel Drum • Ultra-Quiet Operation • Stackable, Built-In or Freestanding • Dual Temperature Settings • Variable Time Dry Selector • "Clean Filter" Light Indicator • Requires 208-240 Volts/60 Hz Service (Plug Not Included) • Heavy Duty Casters Included • 4.13 Cu. Ft. Tub <p>WARRANTY-To Be Announced</p>	<p>Unit Dimensions: (WxDxH inches) 23 13/32" x 22 13/16" x 33 7/8"</p> <p>Shipping Weight: 94.7 lbs.</p> <p>Container Quantity: 150 (40' HQ)</p>	<p>10</p>
<p>XQG65-8SU</p>  <p>UPC: 6-88057-19658-9</p>	<p>14.3 lbs. Capacity Front Load Washer</p> <ul style="list-style-type: none"> • 800 RPM Spin Speed • Stainless Steel Tub • Ultra-Quiet Operation • 8 Fabric Care Wash Cycles • Auto Select Wash/Rinse Temp. • Water-Saving Rinse Option • Detergent and Fabric Softener Dispenser • Self Locking Door • Adjustable Leveling Legs and Retractable Casters • 1.7 Cu. Ft. Tub <p>WARRANTY-In-Home Service • 1 yr labor • 2 yrs parts • 10 yrs. outer tub</p>	<p>Unit Dimensions: (WxDxH inches) 23 3/8" x 24 5/8" x 33 1/2"</p> <p>Shipping Weight: 200 lbs.</p> <p>Container Quantity: 144 (40' HQ)</p>	<p>MSRP-\$720.00</p>
<p>XQG50-QF802 SK558 GDZ5-1</p> 	<p>Stackable Washer and Dryer</p> <ul style="list-style-type: none"> • 3 Usable Options <ul style="list-style-type: none"> - Stackable - Built-In - Free Standing 	<p>Stackable Dimensions: (WxDxH inches) 23 7/16" x 22 13/16" x 68"</p>	



DATA TAG**Haier®**

Washer and Dryer Combo



CONFORMS TO STD. UL2157 & UL2158

CERTIFIED TO STD. CSA C22.2 NO.169 & CSA C22.2 NO.112

MODEL	XQG50-11	Rated Voltage:	110V~60Hz
Power (Wash):	340 W	Power (Spin):	950 W
Power (Dry):	1300 W	Max.Current:	12 A
Capacity (Wash):	11 lbs	Working Current:	9 A
Drum:	1.5 Cu.Ft.	Capacity (Dry):	5.5 lbs
Water Pressure:	$0.05\text{MPa} \leq P \leq 1\text{MPa}$	Spin Speed:	800 rpm
Date	2002.08.21		
Serial No.	200208212053		

Made In China



INSTALLATION

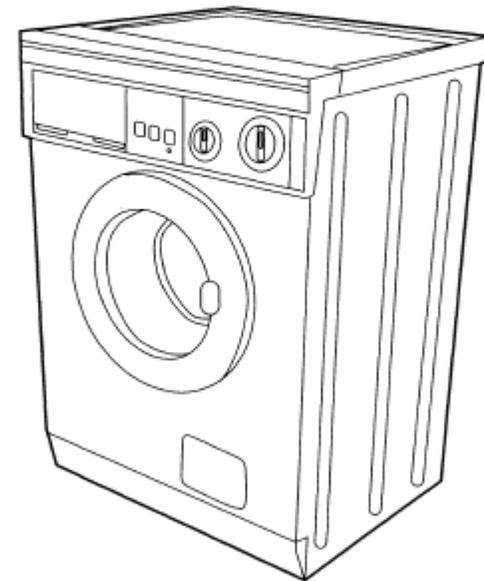
An owners guide, product registration, hoses with adapters, drain goose neck, and plastic plugs are packaged in each unit.



A wrench may be packed in some models

Haier®

USE AND CARE GUIDE COMBINATION WASHING MACHINE AND DRYER XQG50-11



ATTENTION CONSUMER

INSTALLATION

Castors on the bottom allow the unit to be moved for easy installation or cleaning

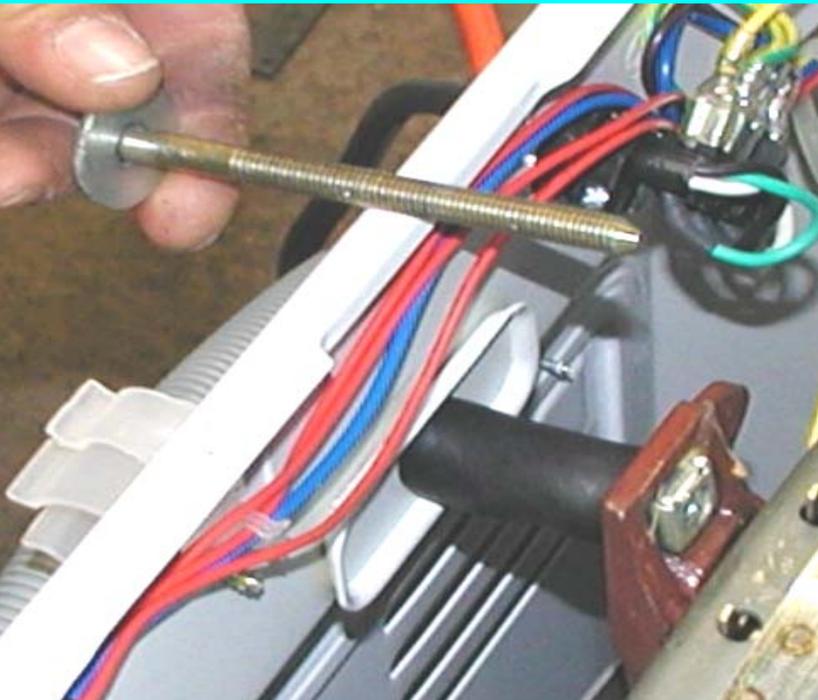
Use care when lowering the castors as the entire weight of the machine is being lowered and the handles can spring inward and pinch the fingers



INSTALLATION

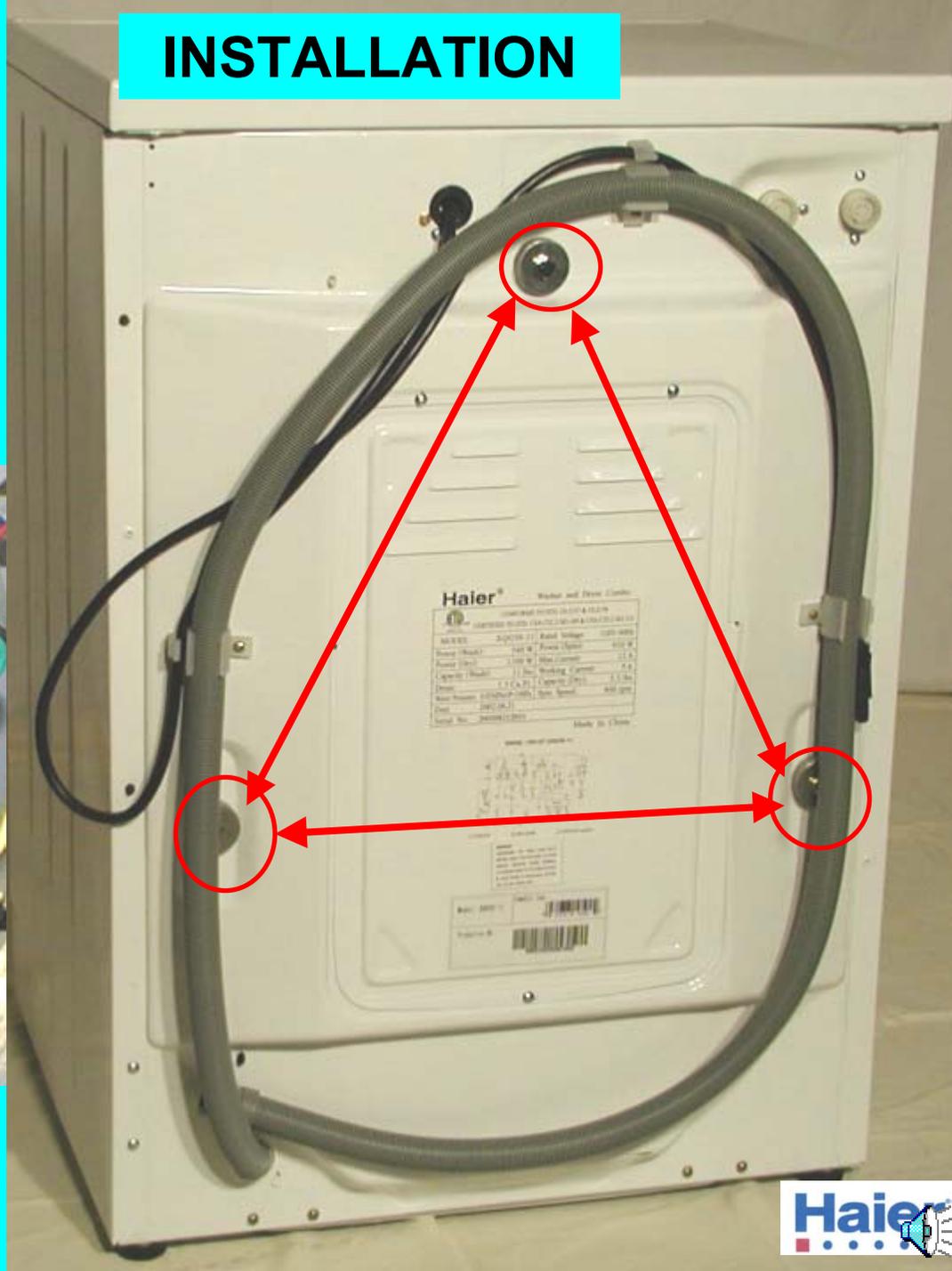
Once the unit is in the location where it is to be installed, remove the 3 shipping bolts and the rubber spacers.

The rubber spacers can be reached by removing the back panel



3 SHIPPING BOLTS

Put the 3 plugs from the Owners Package in the 3 bolt holes



INSTALLATION

LOCATION:

Dry, Out of direct sunlight
Firm, Level surface
Above Freezing Temperature

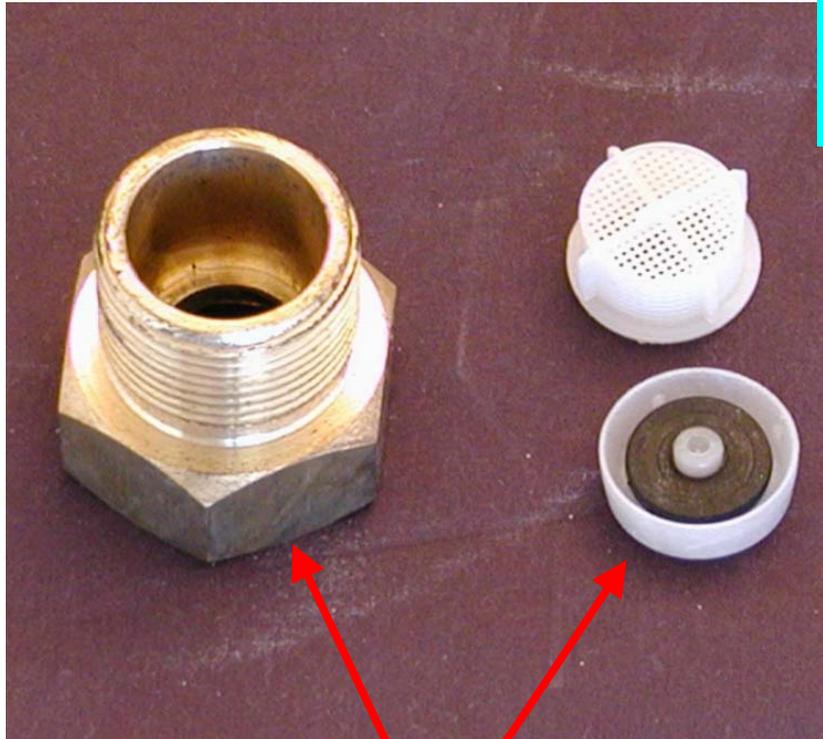
NOT ON CARPET – AIR CIRCULATES UNDER THE UNIT

ELECTRICAL:

120volt 60 cycle
Properly Grounded Polarized Wall Plug

INSTALLATION

Use only supplied hoses and adaptors to
To prevent overflow of the dispenser



The RED ends of the hoses are metric.
The opposite ends are NPT hose fittings



Flow Restrictor

Attaches to the metric threaded water valves
to prevent overflow of dispenser

INSTALLATION

DRAIN HOSE

Place the drain hose into a sink or drain pipe
at least 1 ½” in diameter

Use the “GOOSE NECK” to hold it in place

If less than 37 ½” high, route it through the clip
on the back of the washer

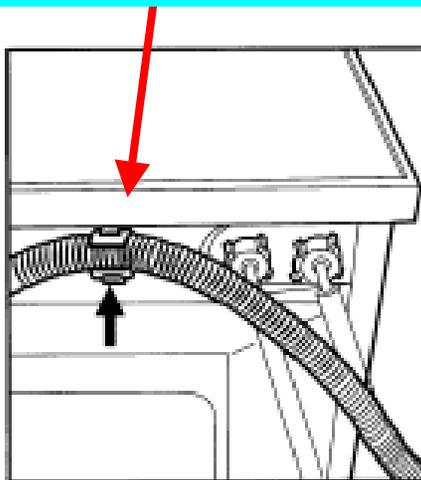


ILLUSTRATION 3

40” High Maximum Drain Height

INSTALLATION

LEVELING

Adjust all 4 leveling legs on the bottom of the washer to prevent movement

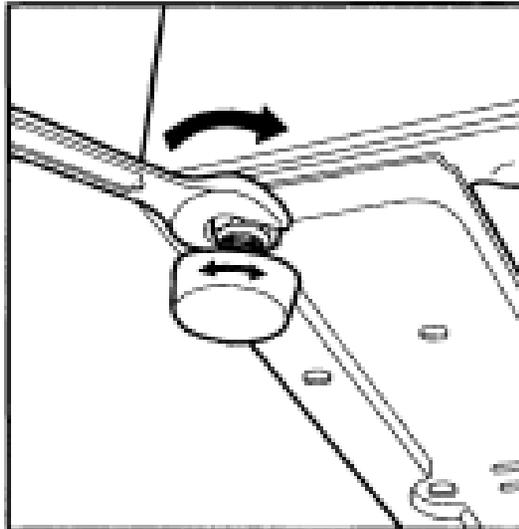


ILLUSTRATION 4

**THE UNIT HAS MANY STICKERS AND LABELS
TO ASSIST THE HOME OWNER IN OPERATING
THEIR NEW COMBO WASHER DRYER**

LET'S TAKE A CLOSER LOOK...

FEATURES OF THE XQG50-11



Combination WASHER & DRYER

- Washes And Dries
- self Venting
- 2.0 Cubic Foot Capacity. No Agitator Means More Space for Clothes.
- Front Load Design For Energy Efficiency And Water Conservation
- Cotton, Synthetic And Wool Wash Cycles
- Water Saver And No-Spin Selections
- Stainless Steel Tub And Corrosion Resistant Cabinet
- Operates On Standard 110 Volt Household Current

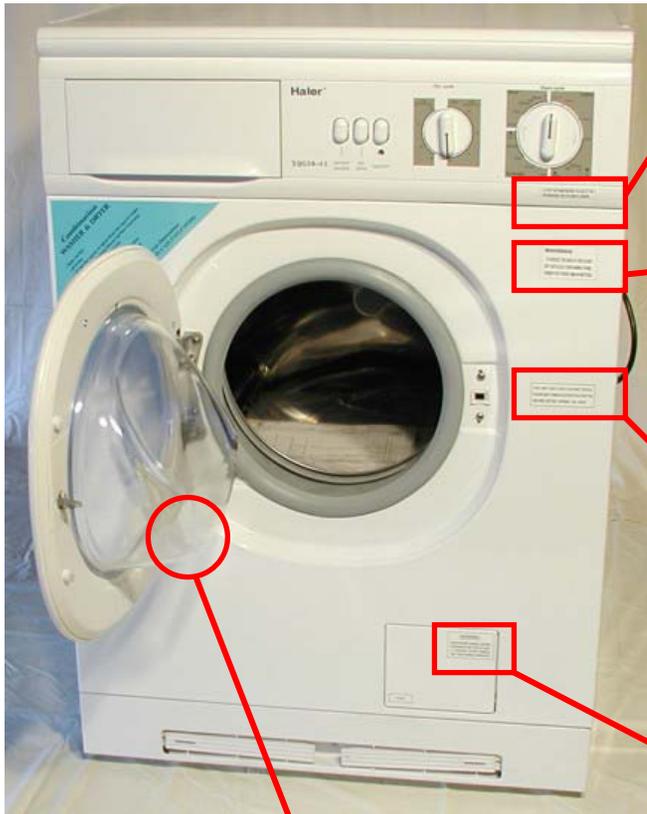
Unit Dimensions:
23.5 "x22.2" x33.6"(WDH)

Free Installation by Factory
Authorized Service Technician

NOTE: Free installation program
has been discontinued
However, If the customer's unit
has this label, we will pay the
installation charges

FRONT OPERATING AND WARNING LABELS

CUT OFF THE POWER BEFORE YOU SELECT THE PROGRAM AND TURN THE KNOB CLOCKWISE



WARNING

. TO REDUCE THE RISK OF FIRE, DO NOT DRY ARTICLES CONTAINING FOAM, RUBBER OR OTHERS SIMILAR MATERIAL

THIS UNIT HAS A SELF-LOCKING DEVICE, PLEASE WAIT 3 MINUTES AFTER YOU STOP THE MACHINE BEFORE OPENING THE DOOR.

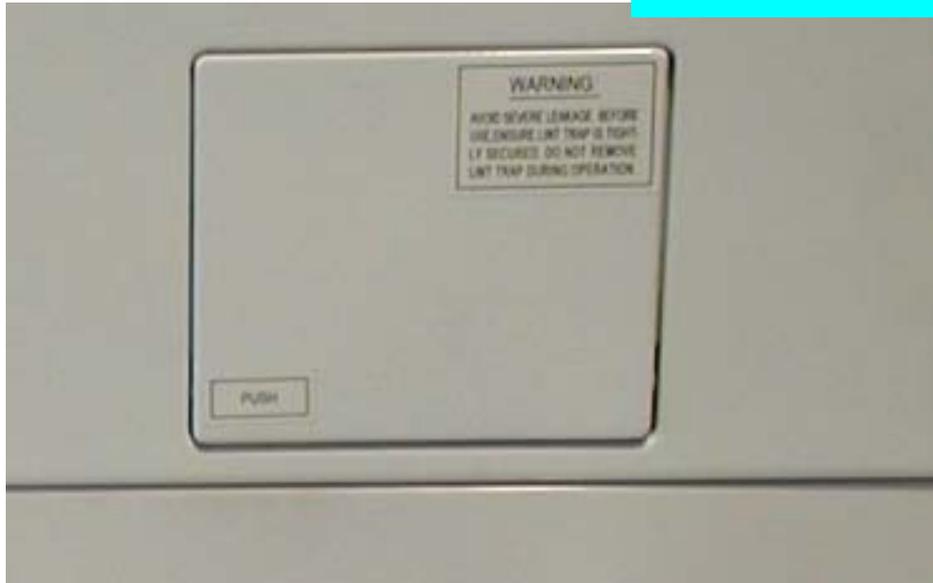
WARNING

. DURING DRYING CYCLE, THE TEMPERATURE IS VERY HIGH, DO NOT TOUCH THE DRUM AND THE PORTHOLE GLASS.

WARNING:

AVOID SEVERE LEAKAGE. BEFORE USE, ENSURE LINT TRAP IS TIGHTLY SECURED. DO NOT REMOVE LINT TRAP DURING OPERATION.

BUTTON TRAP



WARNING:

Water will be released when the Button Trap is opened

It normally needs to be cleaned only a few times a year



OPERATING INSTRUCTIONS

General Operating Instructions (XQG50-11)

1. Load laundry into machine and close door securely.
2. If you are only doing a small load, you may want to push the "Save Water" button.
3. Add detergent.
Compartment "1" is for "Prewash" cycle. Do not use liquid detergent.
Compartment "2" is for "Wash" cycle detergent.
Compartment "A" is for fabric softener.
Compartment "C" is for bleach. Do not put bleach in other compartments.
Front load machines require less detergent than top load machines.
Conservative quantities of low sudsing powdered detergents usually work best.
4. With the "On/Off" button in the "OFF" position, turn "Cycle Selector Knob" CLOCKWISE to your desired wash cycle. For most laundering, the "Normal Start" position should be selected within any of the wash cycles.
5. If you want the Dryer to start automatically after wash cycle, turn the "Dryer Selector Knob" to desired dry time and desired dry temperature (high or low). Note that dryer will not automatically start if "Wool" cycle has been selected or if the "Spin Cancel" button has been pressed. Please refer to owners manual for more information.
6. Push "On/Off" button to start machine.
7. Once machine has completed cycle, push "On/Off" button. If you are not around at cycle completion, push button when you return.

Note: For all Wool cycles and Synthetic cycles where no auto dry is selected, the machine will stop before the end of cycle ("Sock" is indicated on control panel). This allows elimination of "Spin" cycle for delicate garments. When machine stops, you must either:

A) Spin and Drain by first depressing the "On/Off" button and then advance "Cycle Selector Knob" ahead one click to "Spin".

B) Drain only-No Spin by first depressing the "On/Off" button and then advance "Cycle Selector Knob" ahead two clicks to "Drain".

Also note that if you depress the "No Spin" button on control panel, machine will drain and shut-off and not automatically advance to the Dryer mode. This is true for all cycles.

For Safety, door will not open during and 1 minute after any cycle.

IMPORTANT: To avoid severe leakage, ensure lint trap is always tightly secured and do not open during operation.

To assist the owner,
a large operating guide
is affixed to the top
panel

CONTROLS XQG50-11SU

Haier®

XQG50-11

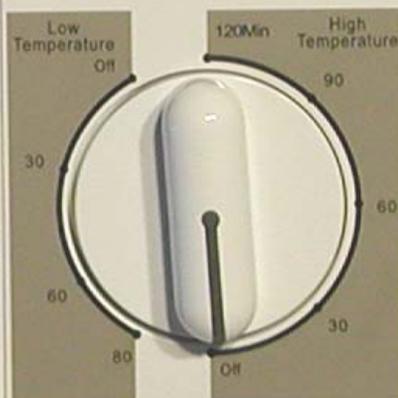


WATER
SAVER

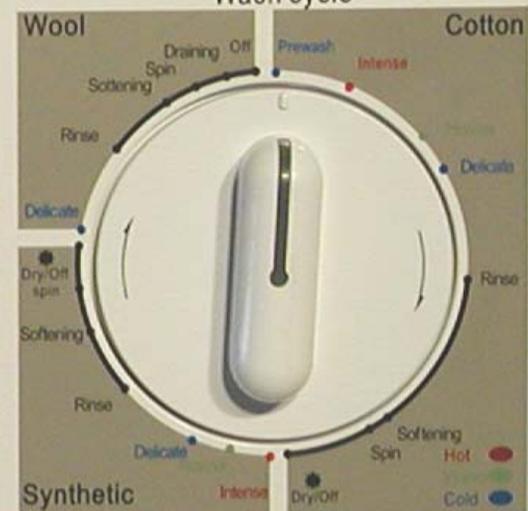
NO
SPIN

ON/OFF

Dry cycle



Wash cycle



CUT OFF THE POWER BEFORE YOU SELECT THE PROGRAM AND TURN THE KNOB CLOCKWISE

DISPENSOR OPERATION XQG50-11SU

Pre-Wash
(No Liquid)

Softener

Bleach

Wash

Pull the drawer open to fill the
dispenser cups

CONTROLS XQG65-11SU



The Buttons “pop”
in and out
by pushing on the face
of the dial



DISPENSOR OPERATION

XQG65-11SU

Pull the drawer open to fill the dispenser cups



Softener

Wash
(Liquid)

Pre-Wash
(Liquid)

OPERATING INFORMATION

XQG50-11SU

USE LESS DETERGENT – LOW SUDSING PREFERRED

FOR SMALL TO MEDIUM LOADS THE “**SAVE WATER**”
BUTTON CAN BE PUSHED

WATER TEMPERATURE IS AUTOMATICALLY SELECTED

COTTON CYCLE:	PREWASH - COLD
	HEAVY - HOT
	NORMAL - WARM
	LIGHT - COLD

SYNTHETIC CYCLE:	HEAVY - WARM
	NORMAL - COLD
	LIGHT - COLD

WOOL CYCLE:	ALL - COLD
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OPERATING INFORMATION

XQG50-11SU

For delicates, the 'NO SPIN' button can be depressed.

This will also prevent the unit from going in a dry cycle

SELECT PROPER CYCLE – **Always turn unit off and turn knob clockwise**

COTTON: Water level is to lip of wash basket – just below door

HEAVY – HOT WATER AND 120 MINUTE CYCLE

Agitates about 12 sec. – Pause 8 sec. – Reverse 12 sec.

NORMAL-WARM WATER AND 80 MINUTE CYCLE

LIGHT ----COLD WATER AND 60 MINUTE CYCLE

Agitates about 4 sec. – Pauses 15 sec. – Reverse 4 Sec.

PREWASH FOR EXTREME SOIL – COLD WATER THEN GOES INTO HEAVY CYCLE

If the "NO SPIN" button is selected, the unit drains and switches off after the wash cycle and will not go into a spin or dry

OPERATING INFORMATION

XQG50-11SU

SYNTHETIC: WATER LEVEL TO BOTTOM OF DOOR GLASS
HEAVY—WARM WATER FOR ABOUT 59 MINUTES
NORMAL-COLD WATER FOR ABOUT 42 MINUTES
LIGHT-----COLD WATER FOR ABOUT 33 MINUTES

AGITATES ABOUT 11SEC.-PAUSE 8 SEC.-REV. 11 SEC.

**IF THE “NO SPIN” BUTTON IS SELECTED THE UNIT STOPS
AFTER IT WASHES AND DRAINS**

**IF THE “NO SPIN” IS NOT SELECTED AND NO AUTOMATIC
DRYING IS SELECTED – THE UNIT STOPS IN THE
“SOAK/PAUSE” SETTING.**

YOU MUST EITHER:

**A)DRAIN ONLY – PRESS “ON OFF” TO TURN OFF – ADVANCE TIMER TO
“DRAIN” – PRESS “ON OFF” AGAIN TO OPERATE UNIT**

**B)DRAIN AND SPIN – PRESS “ON OFF” TO TURN OFF – ADVANCE TIMER
TO “SPIN” – PRESS “ON OFF” AGAIN TO OPERATE UNIT**

OPERATING INFORMATION

XQG50-11SU

WOOL: WATER LEVEL ABOUT 1/3 OF THE WAY UP THE GLASS DOOR
DELICATE CYCLE – COLD WATER – SLOWER SPEEDS IN
AGITATION AND SPIN – ABOUT 32 MINUTES TOTAL

AGITATES ABOUT 4 SEC.-PAUSE 15 SEC.-REV. 4 SEC.

WILL NOT AUTOMATICALLY GO INTO DRY CYCLE

**IF THE “NO SPIN” BUTTON IS SELECTED THE UNIT STOPS AFTER
IT WASHES AND DRAINS**

**IF THE “NO SPIN” IS NOT SELECTED– THE UNIT STOPS IN THE
“SOAK/PAUSE” SETTING.**

YOU MUST EITHER:

**A)DRAIN ONLY – PRESS “ON OFF” TO TURN OFF – ADVANCE TIMER TO
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**B)DRAIN AND SPIN – PRESS “ON OFF” TO TURN OFF – ADVANCE TIMER
TO “SPIN” – PRESS “ON OFF” AGAIN TO OPERATE UNIT**

OPERATING INFORMATION

XQG50-11SU

WASH SPEEDS:

Approximately 58 RPM

SPIN SPEEDS:

WOOL: Approximately 105 RPM

COTTON: Starts slow and goes to 800 RPM

SYNTHETIC: Starts at 105 RPM then goes to 500 RPM

All spins are counterclockwise from the front of the cabinet

DRYER:

About 12 sec. – Pause 6 Sec. – Reverse 12 sec.

Approximately 58 RPM

Note: Speeds and times are approximate

OPERATING INFORMATION

XQG50-11SU

DRYER OPERATION

Manual Operation

Load machine with wet clothes and select HEAT, the amount of time, then depress the “ON OFF” button.

Note: The Washer cycle selector must be set to a DRY/OFF Position

Automatic Operation

Set Dryer Control to desired time and heat before washing.

The Dryer comes on after the wash cycle completes.

*Note: The dryer will not come on if
“WOOL” or the “NO SPIN”
button is selected*

DRYER INFORMATION

This is a Condensing Dryer

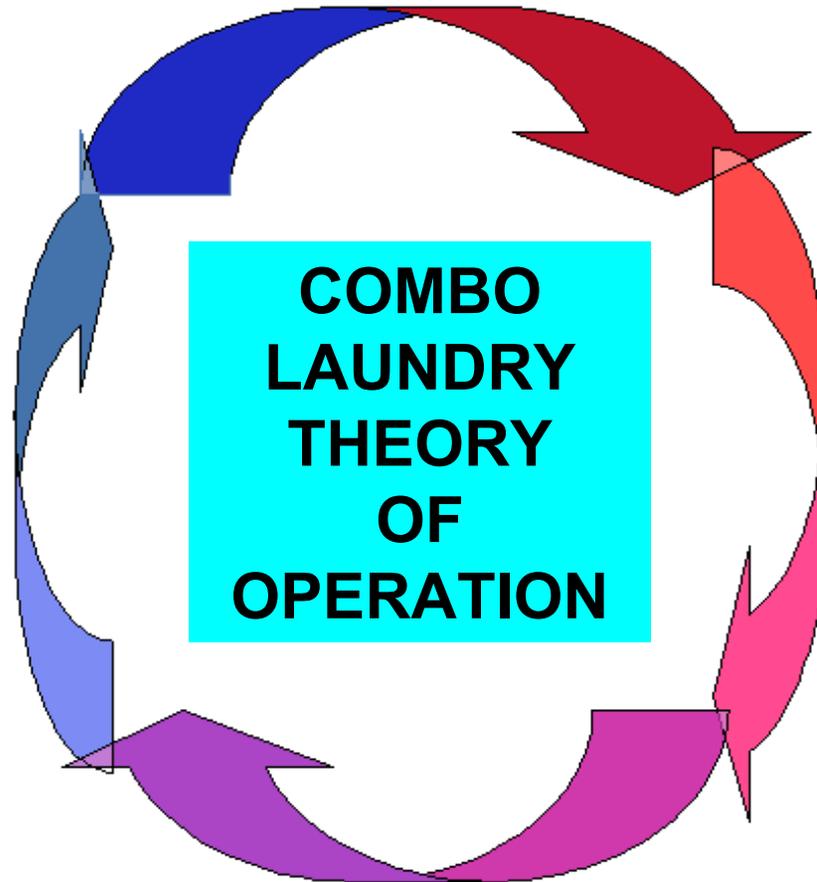
- Not Vented to the Outside**
- 110 volt operation**
- Takes longer to dry**
- For Heavy Loads it is best to split into 2 loads**

Cool dry air is pushed over the heater by the fan.

Cool moist air exits the rear of the drum and passes through a mist and film of cold water

Moisture in the air condenses in the cold water

Water collects in sump and is pumped out



Hot dry air enters drum above the door glass.

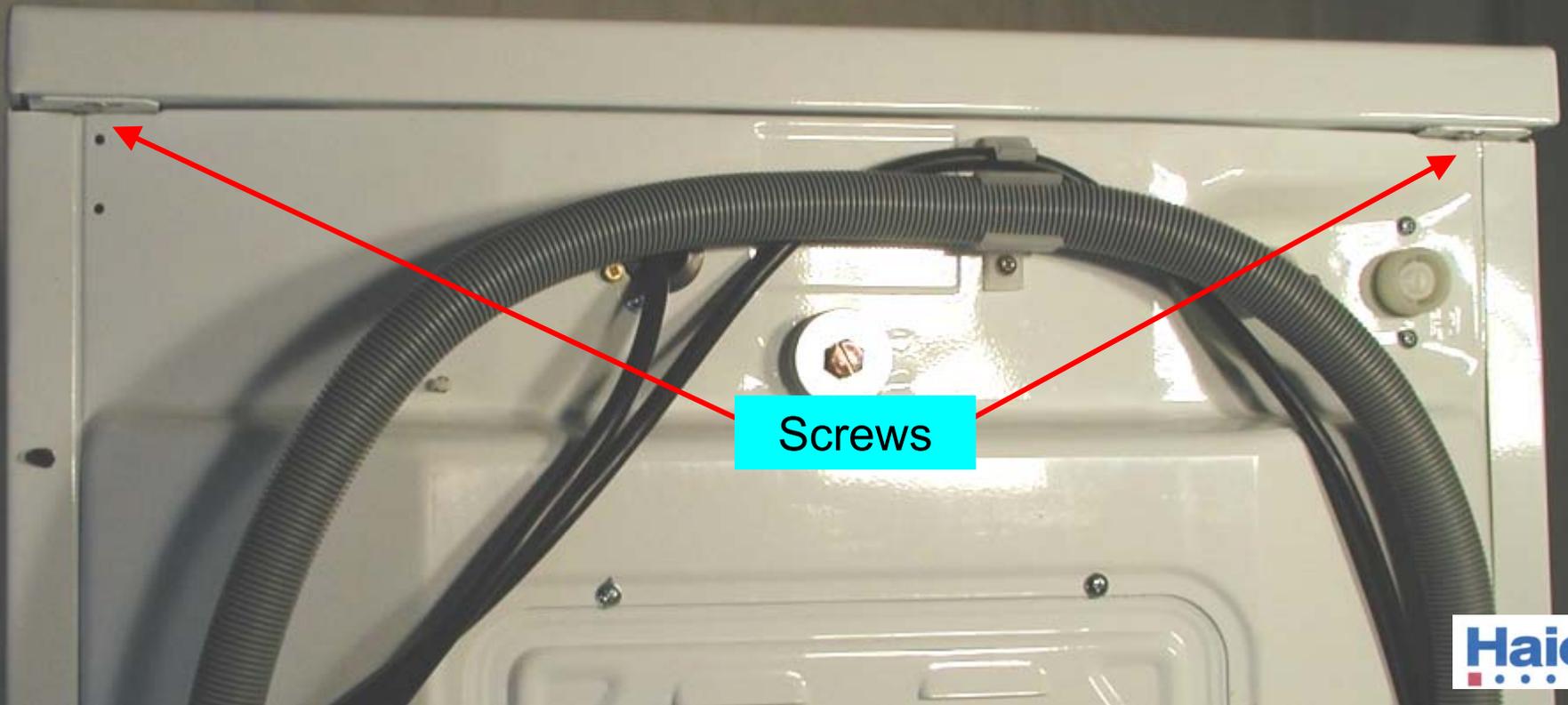
Hot dry air passes through clothes as they tumble

MACHINE COMPONENTS

OVERVIEW

ACCESS

Remove Screws
under each rear corner to gain access
to most machine components



ACCESS

Pull Top
slightly to rear then lift off



FRONT LOOKING STRAIGHT DOWN

Fill Valves

Pump Pressure Switch

Dryer Blower Motor

Thermal Limit Fuse

Dual Thermostat

Dispenser

Wash Pressure Switch

Selector Switches

Dryer Timer

Washer Timer

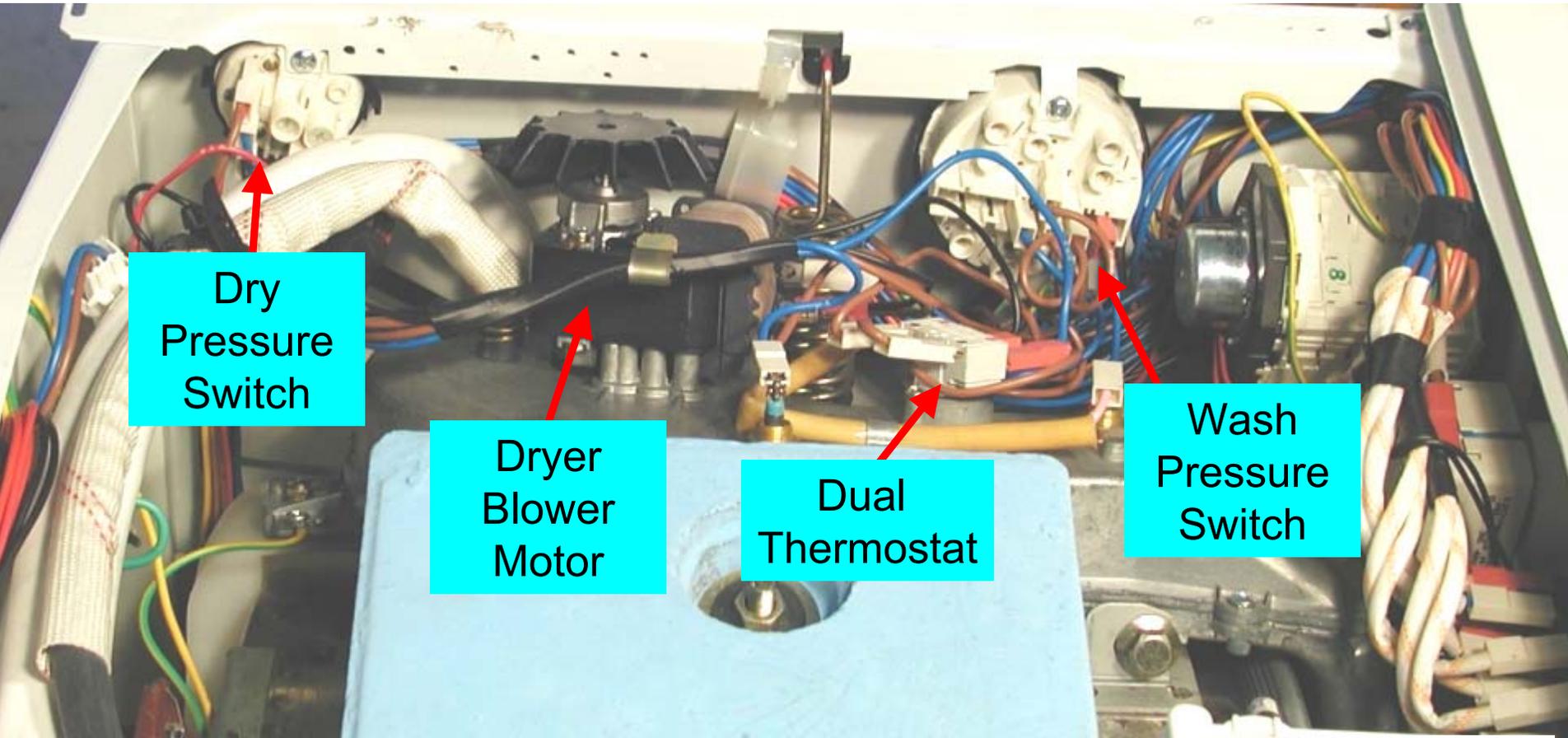


WATER LEVEL PRESSURE SWITCHES AND HEATER COMPONENTS

← Rear

Front →

SIDE VIEW



Dry
Pressure
Switch

Dryer
Blower
Motor

Dual
Thermostat

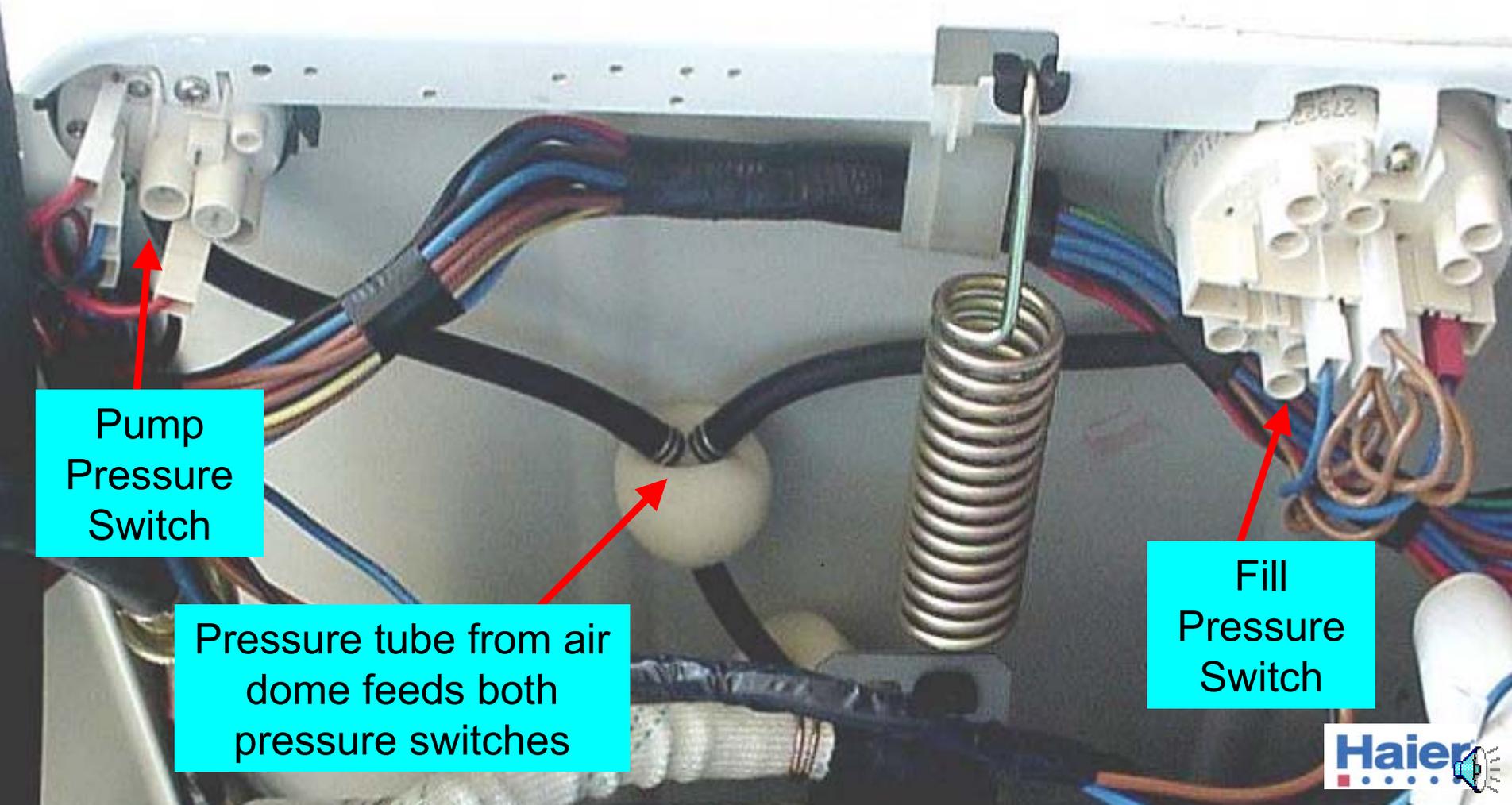
Wash
Pressure
Switch

WATER LEVEL PRESSURE SWITCHES AND COMPONENTS

← Rear

Front →

SIDE VIEW



Pump Pressure Switch

Fill Pressure Switch

Pressure tube from air dome feeds both pressure switches

WATER LEVEL PRESSURE SWITCHES AND COMPONENTS

Dry Pressure Switch

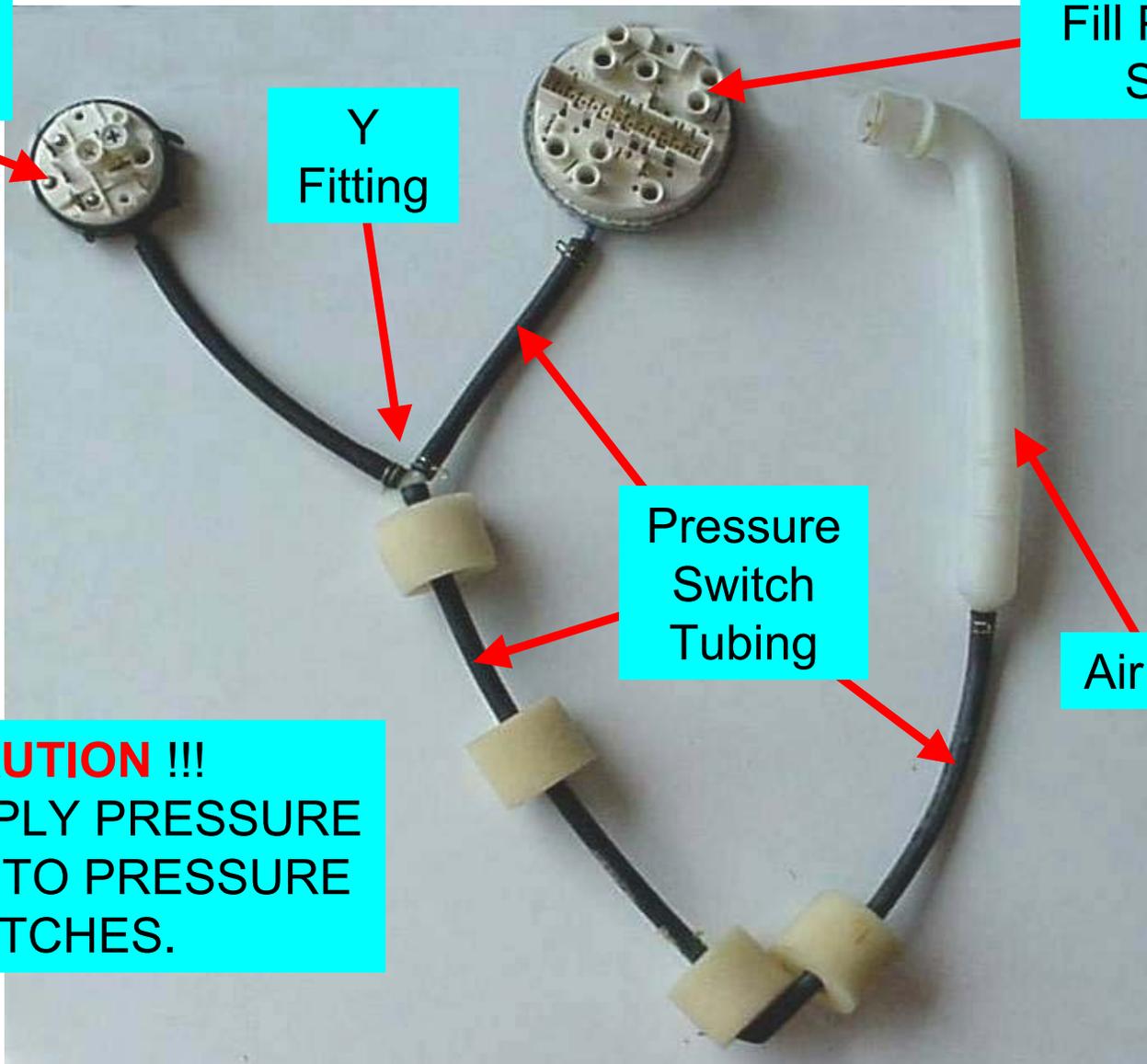
Fill Pressure Switch

Y Fitting

Pressure Switch Tubing

Air Dome

!!! CAUTION !!!
DO NOT APPLY PRESSURE
OR FORCE TO PRESSURE
SWITCHES.



TUB DRAIN AND AIR DOME

Tubing to Y and Pressure Switches

Drain from tank bottom

Air Dome

The Air Dome and Pressure Tubing to the Pressure Switches is accessible through the bottom of the unit.

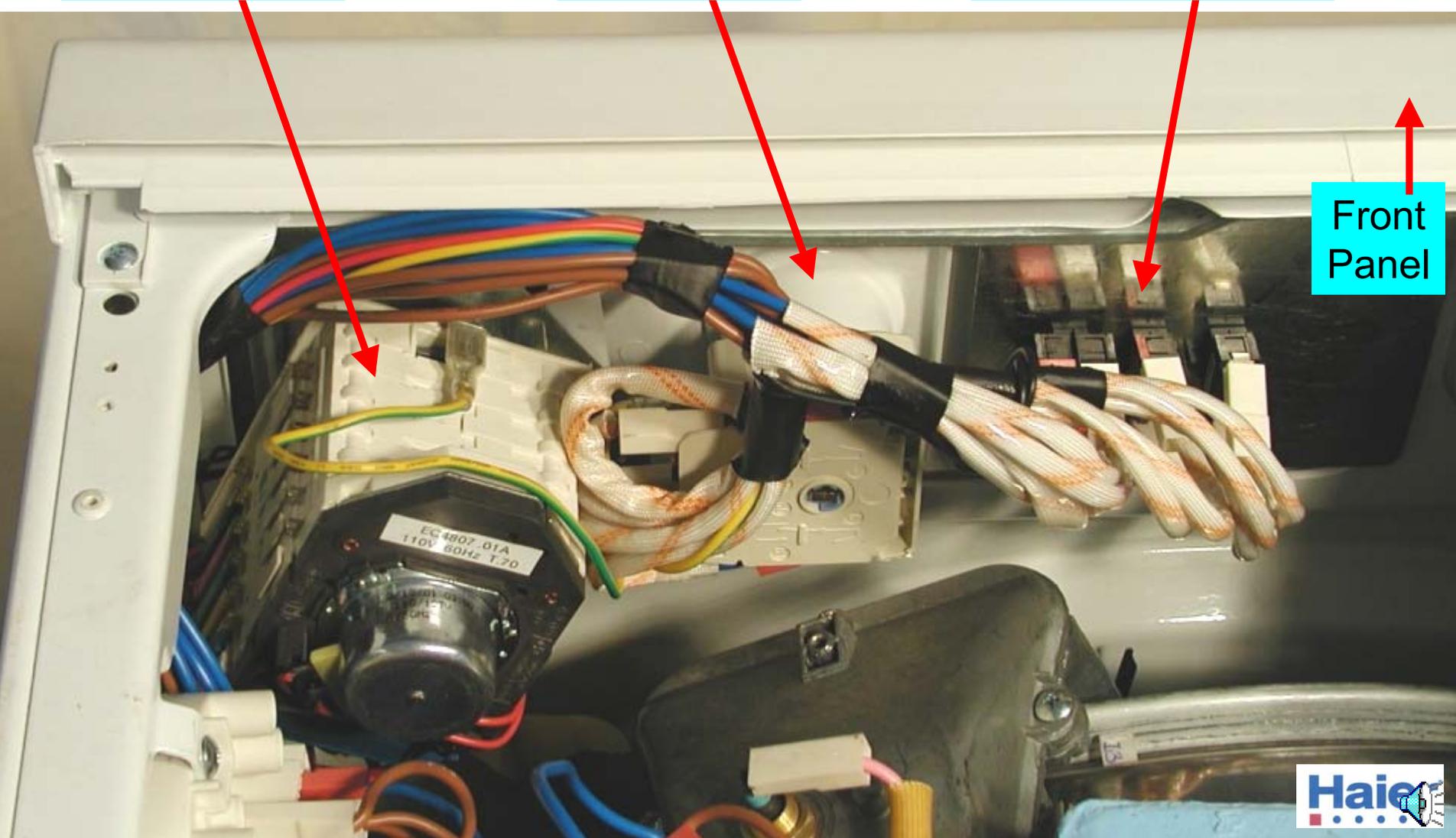
TIMERS AND SELECTOR SWITCHES

Washer Timer

Dryer Timer

Selector Switches

Front Panel



CONTROL PANEL ACCESS



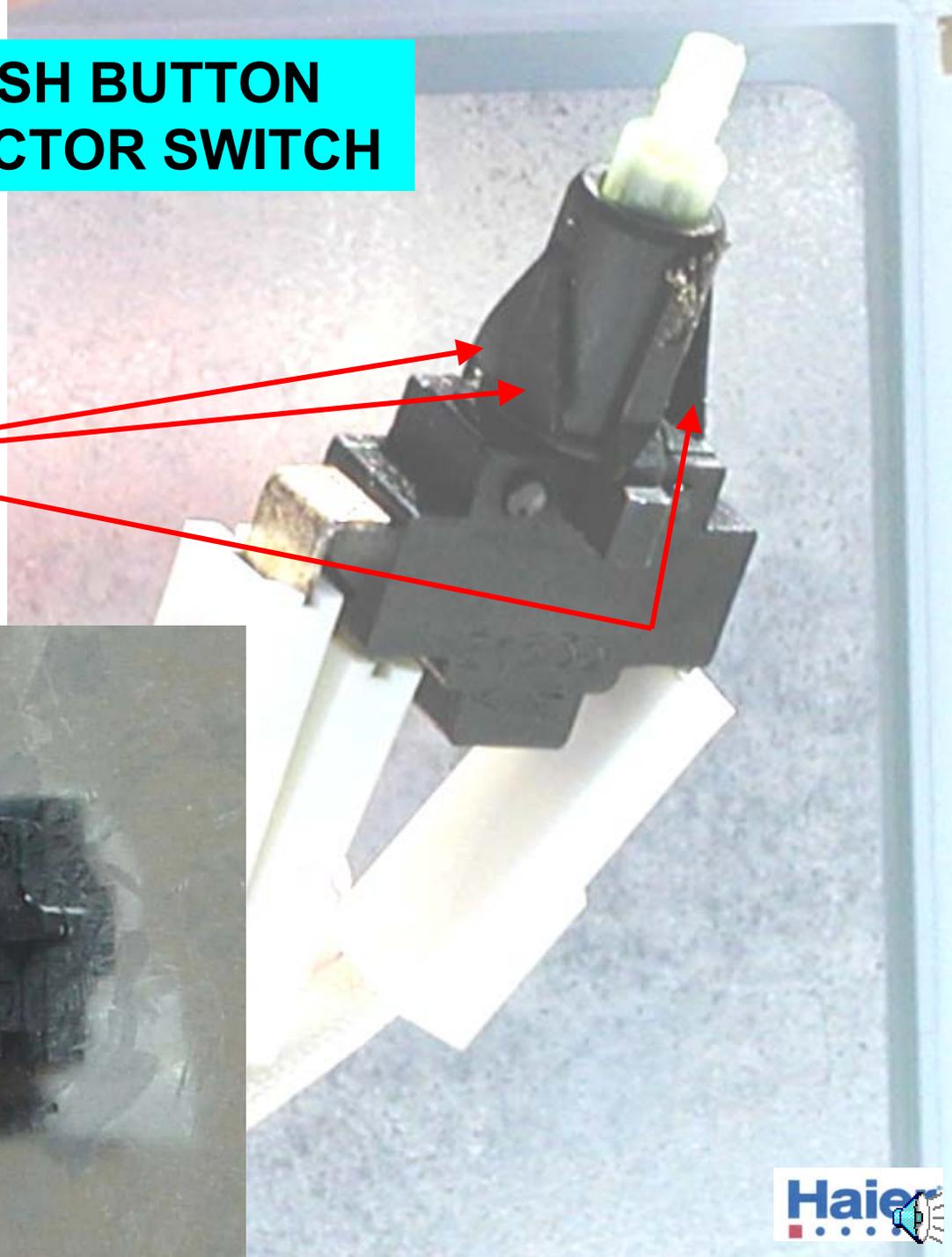
Remove 2 Screws

Tilt the control panel down and
release the bottom tabs by
lifting up



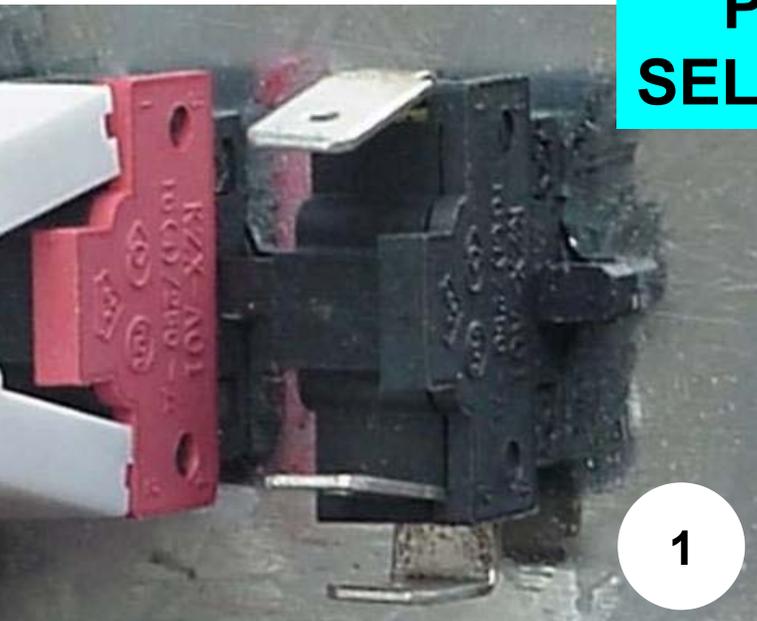
PUSH BUTTON SELECTOR SWITCH

“WINGS” on each side must
be folded back for removal



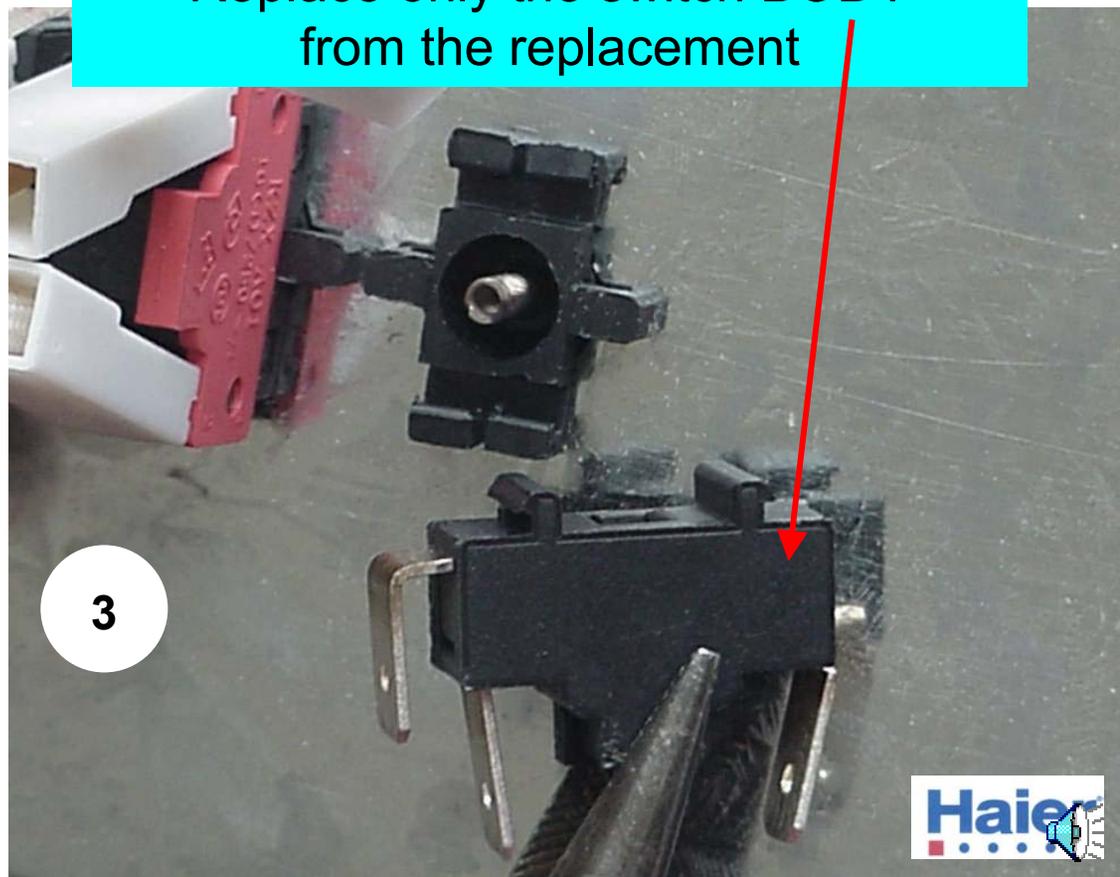
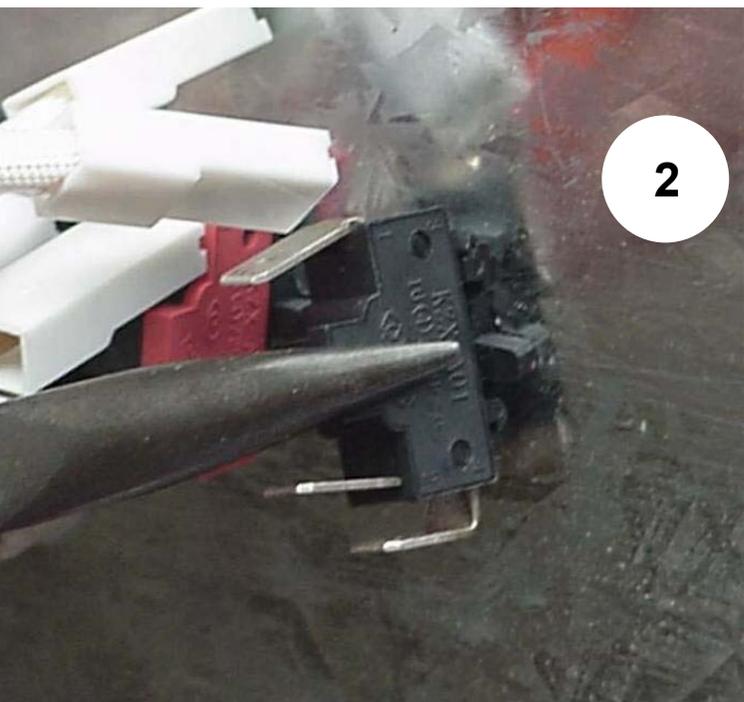
PUSH BUTTON SELECTOR SWITCH

!! Service Tip !!



Grasp the defective switch
twist and remove

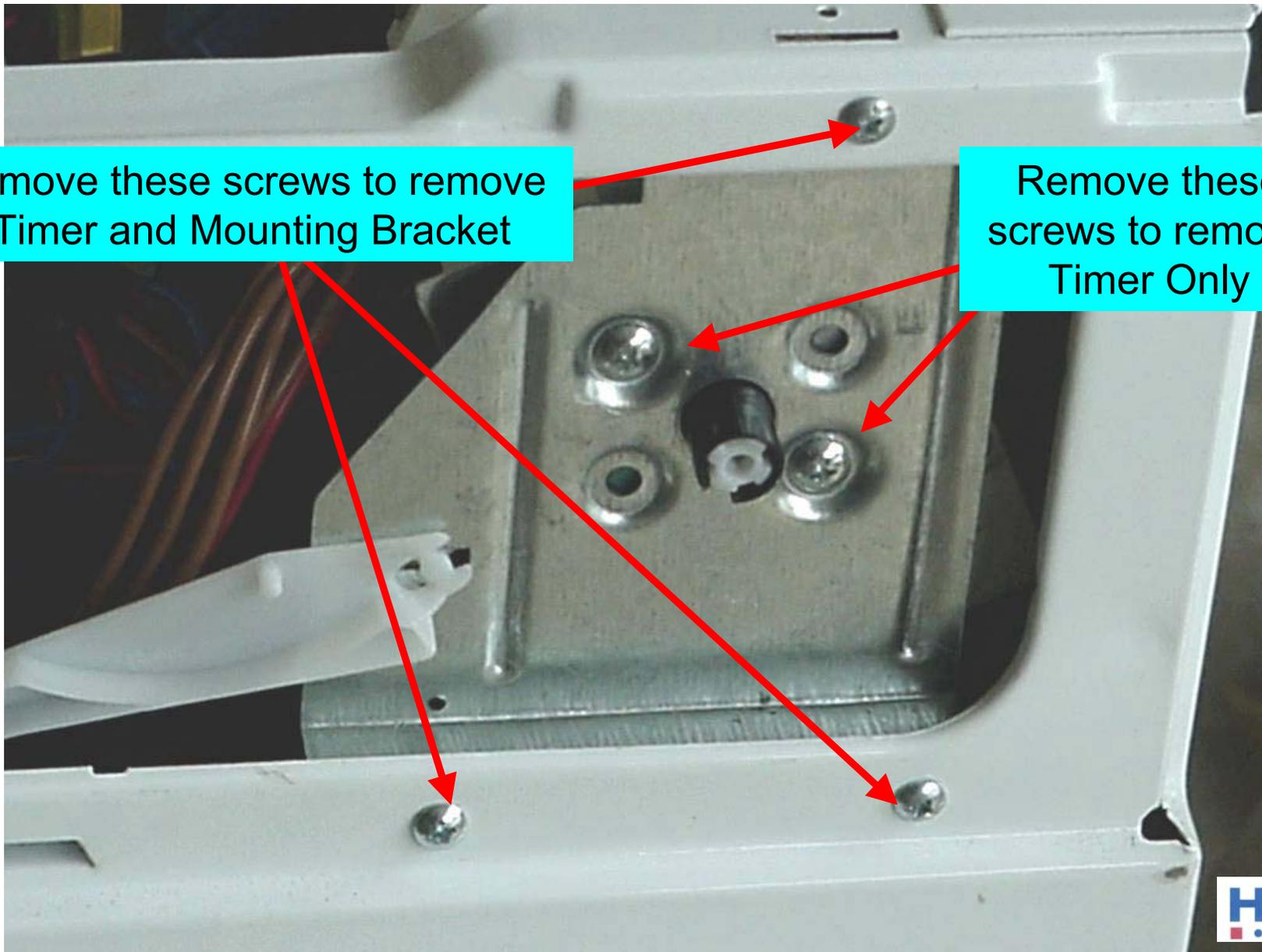
Replace only the switch BODY
from the replacement



WASHER TIMER REMOVAL

Remove these screws to remove
Timer and Mounting Bracket

Remove these
screws to remove
Timer Only

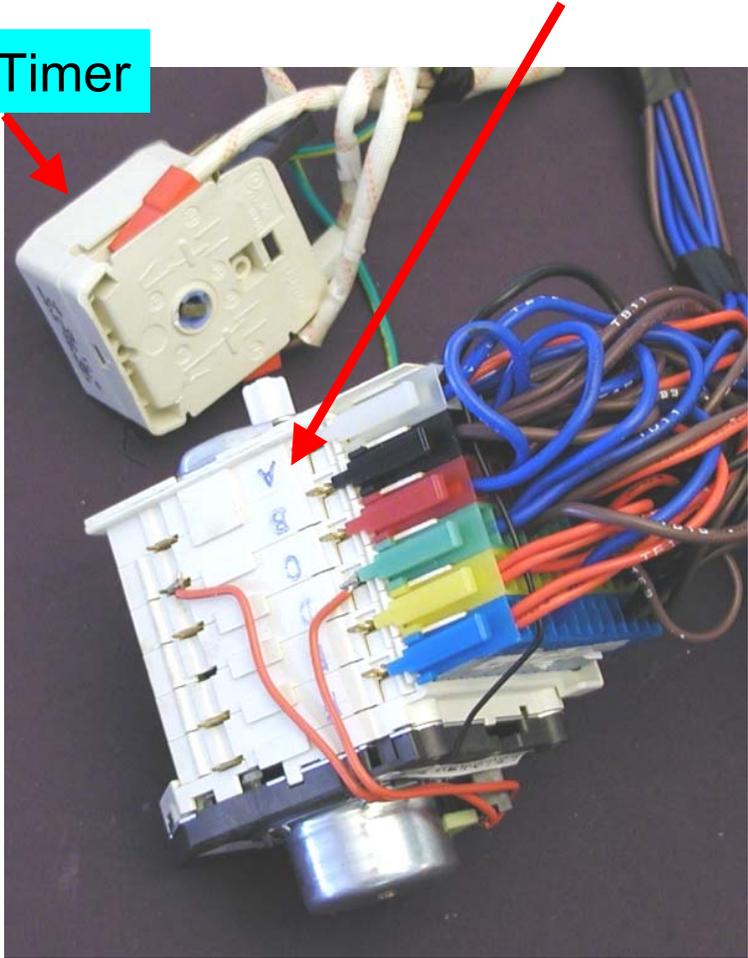
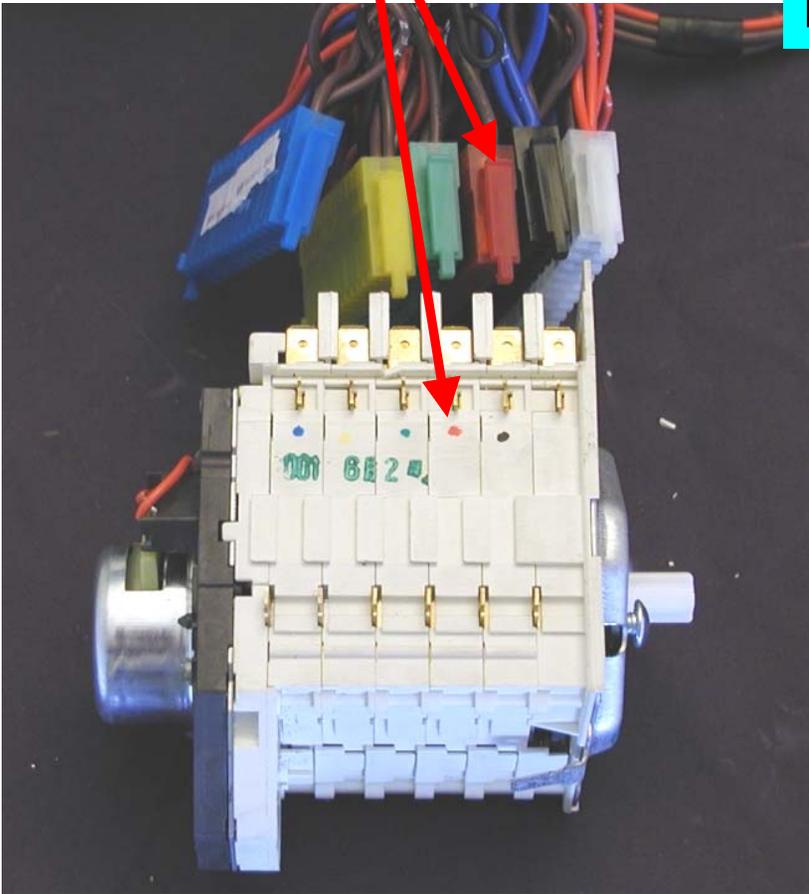


TIMERS

Note
Color Code Dots

Letters are on the other side

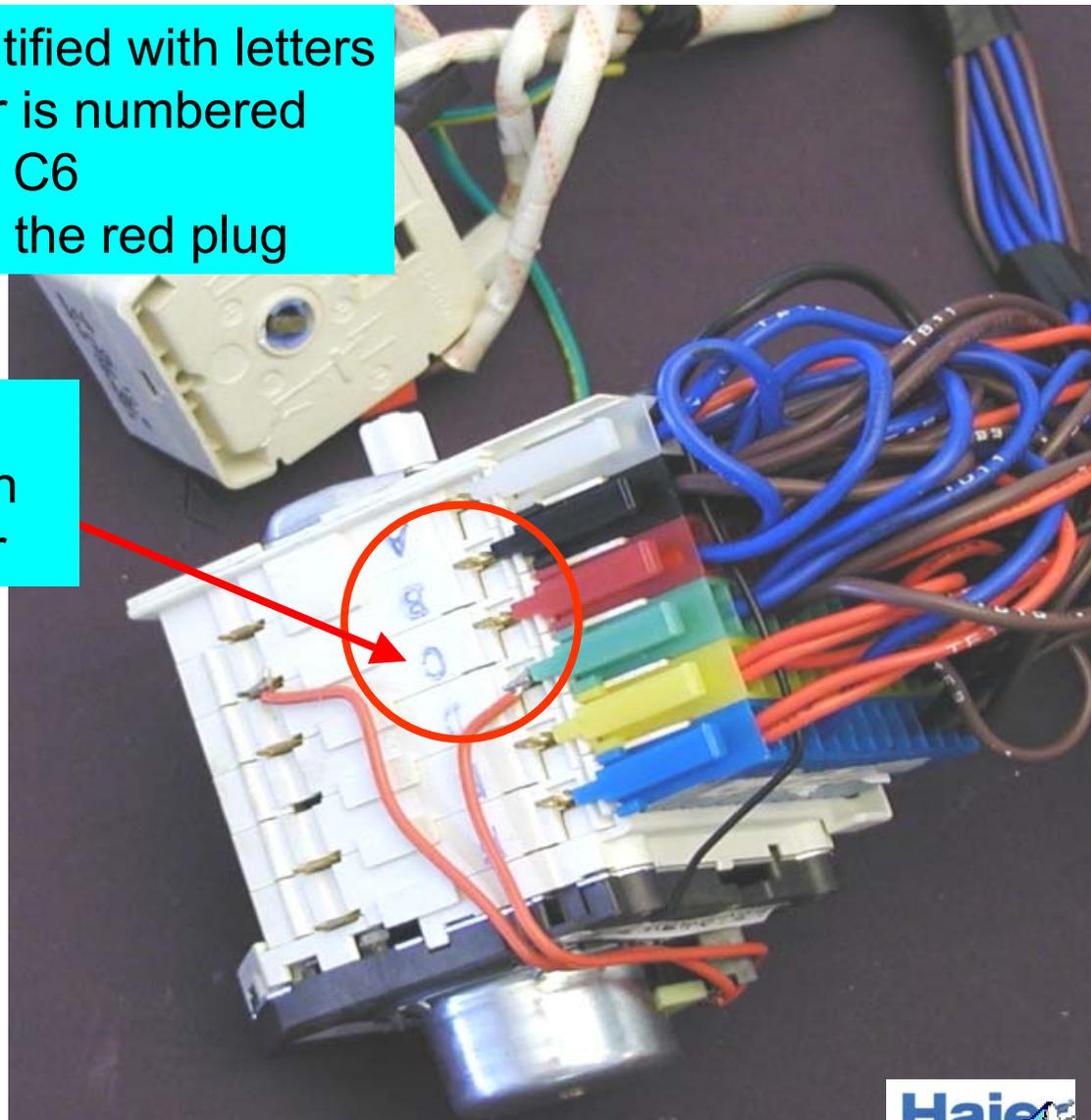
Dryer Timer



WASHER TIMER Wiring Harness

Timer Connections are identified with letters
Each plug and connector is numbered
Example: Wire C6
would be the 6th wire on the red plug

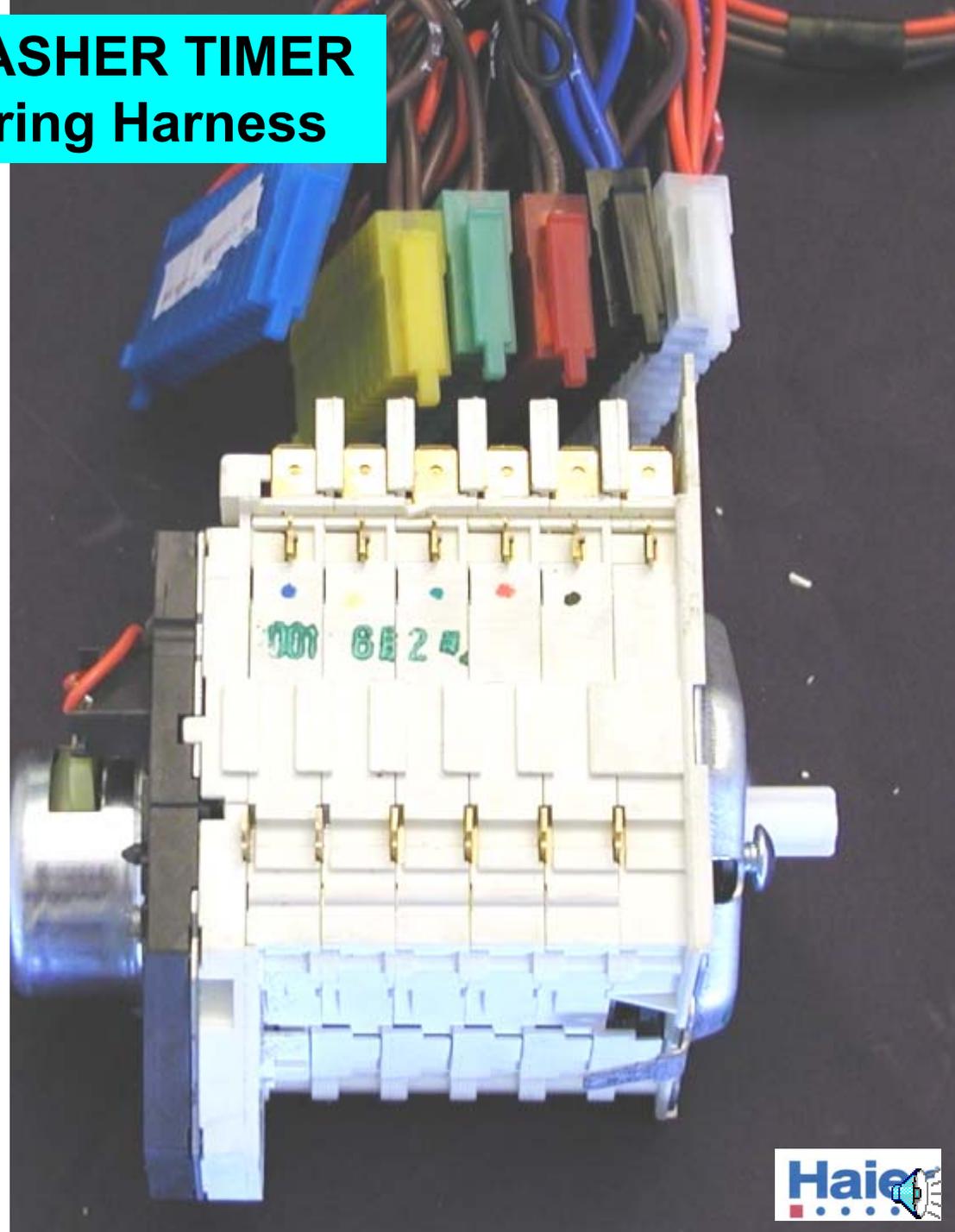
C is the red connector
identified by the red dot on
the other side of the timer



WASHER TIMER Wiring Harness

The connectors can be removed more easily if all are removed at one time.

Squeeze the side releases on each plug and start them off –
Then remove the entire bundle

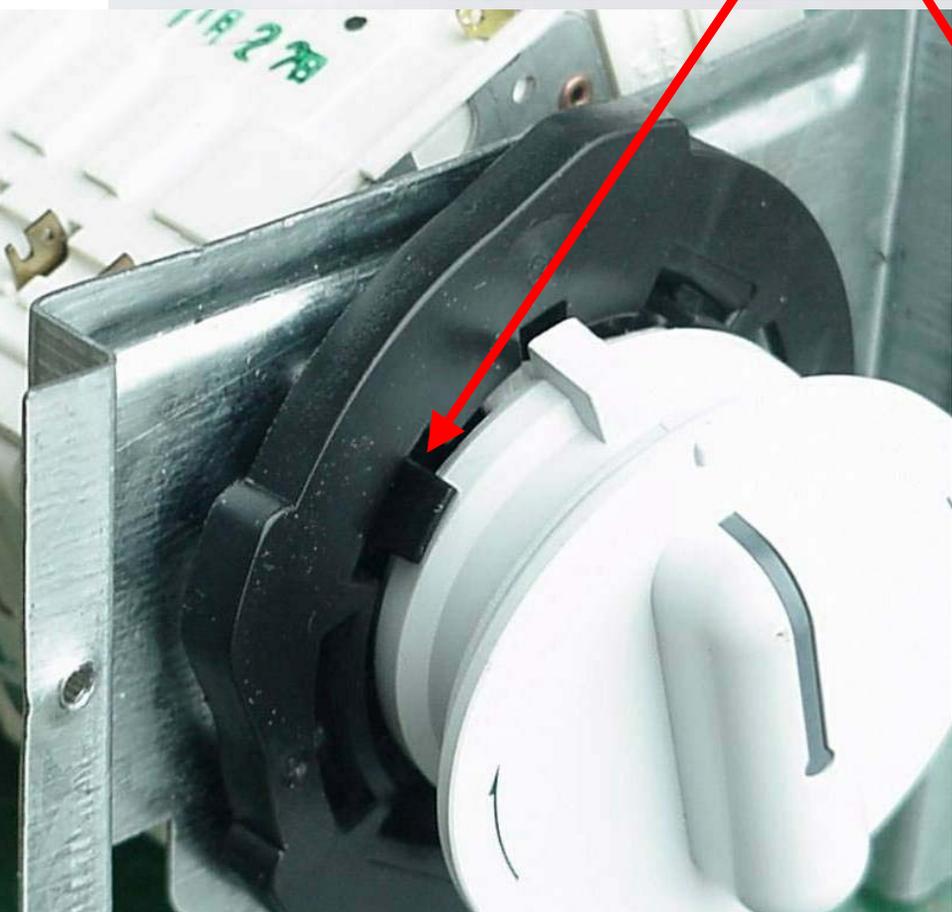


**TIMER KNOB
and
DISPENSER SERVICE
for the
XQG50-11SU**



WASH TIMER KNOB REMOVAL XQG50-11SU

Carefully “rock” the knob off the the timer.
It is held in place with tabs on the inner surface of the knob



DRYER TIMER XQG50-11SU

Pull knob straight off
then remove screws



DISPENSER XQG50-11SU

Remove the Dispenser
Drawer by pulling
straight out

There will be slight
resistance when pulling
past the raised stops



DISPENSER Operation XQG50-11SU

The dispenser is operated by a control rod from the timer cam

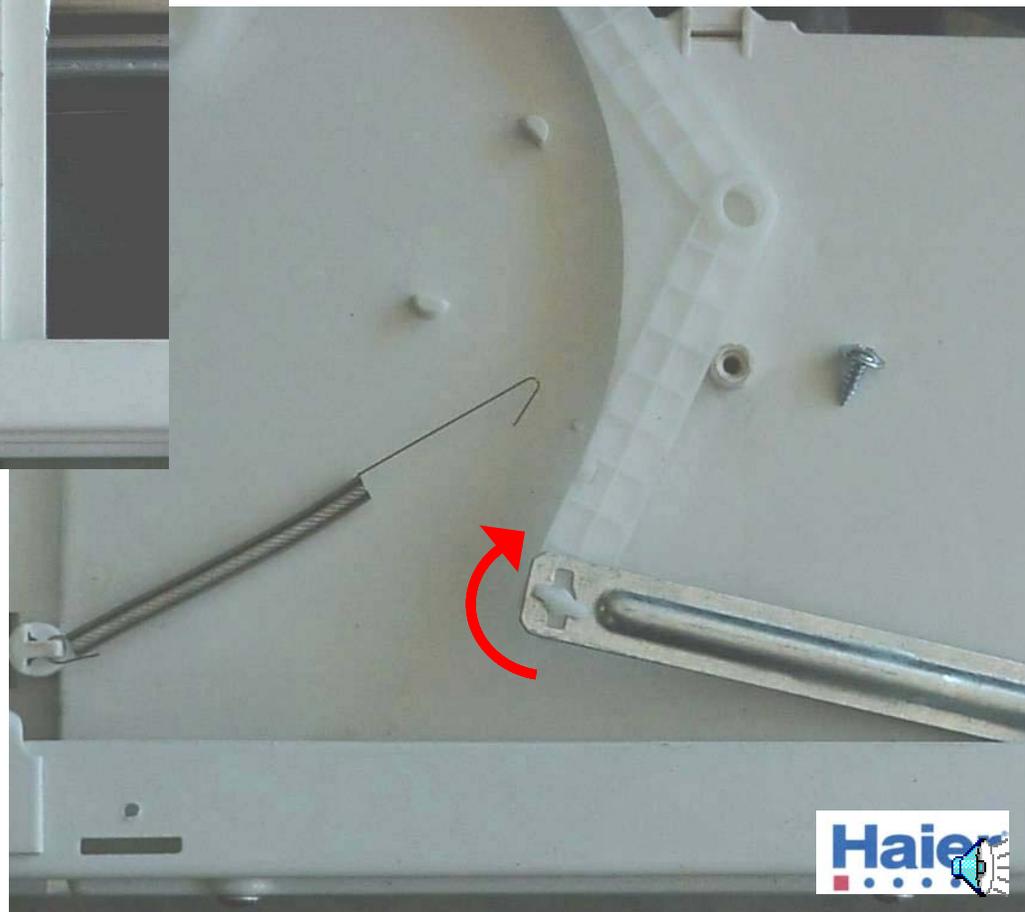
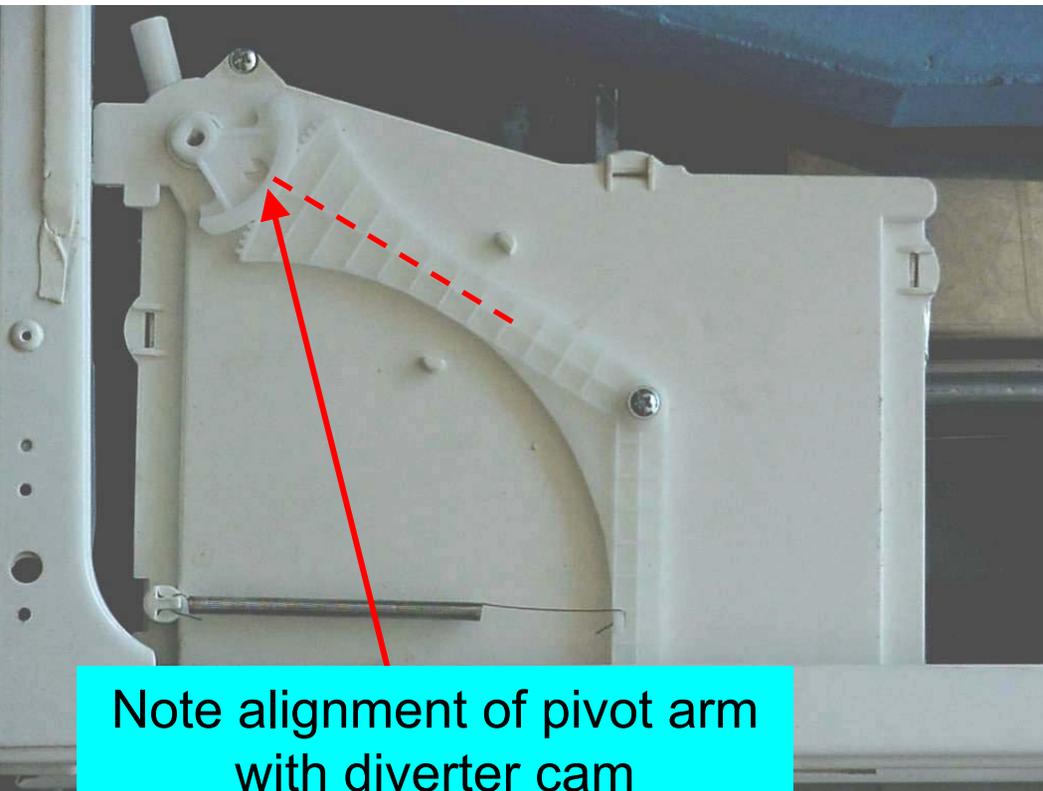
Pivot Arm



DISPENSER REMOVAL XQG50-11SU

Remove screw and pivot arm
to allow control to be released

Note alignment of pivot arm
with diverter cam



DISPENSER REMOVAL XQG50-11SU

Remove hoses attached to back
Removes screws and
Then pull dispenser forward

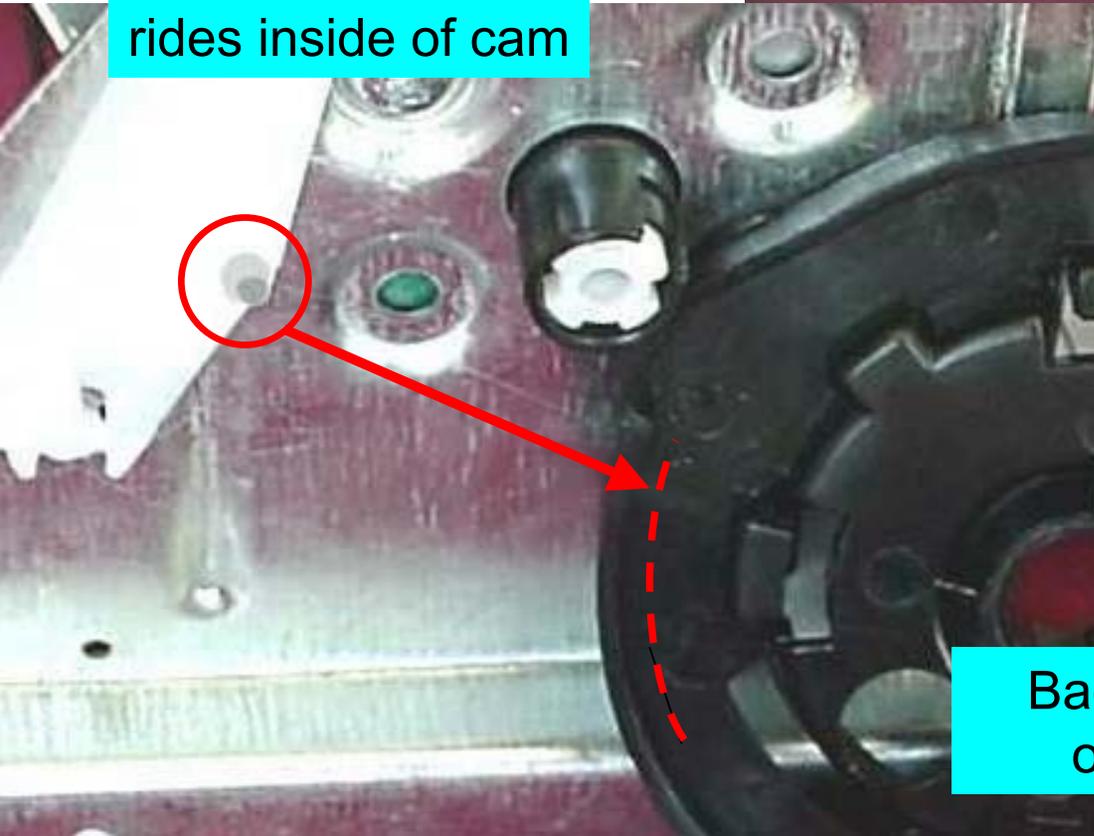
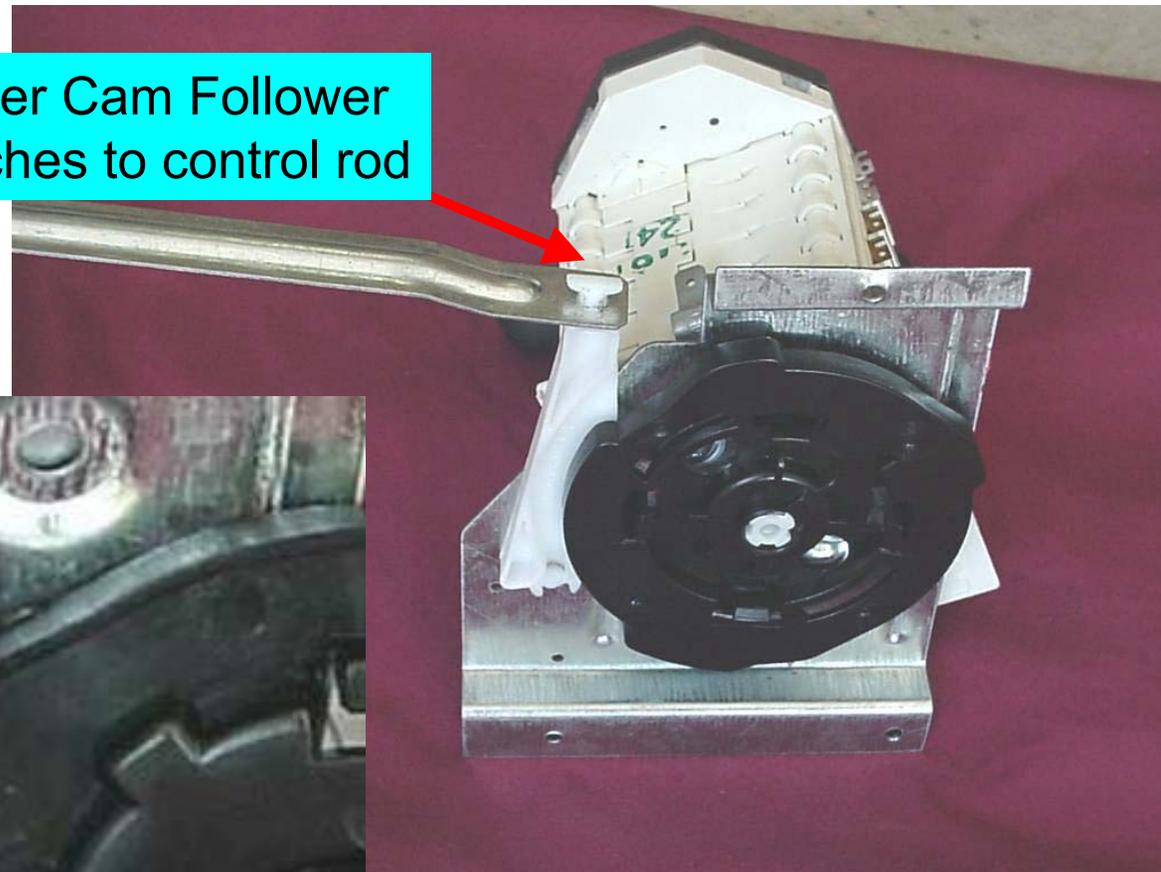
Timer Cam Follower
attaches to control rod



CONTROL ROD AND CAM FOLLOWER XQG50-11SU

Timer Cam Follower
attaches to control rod

Follower Pin
rides inside of cam



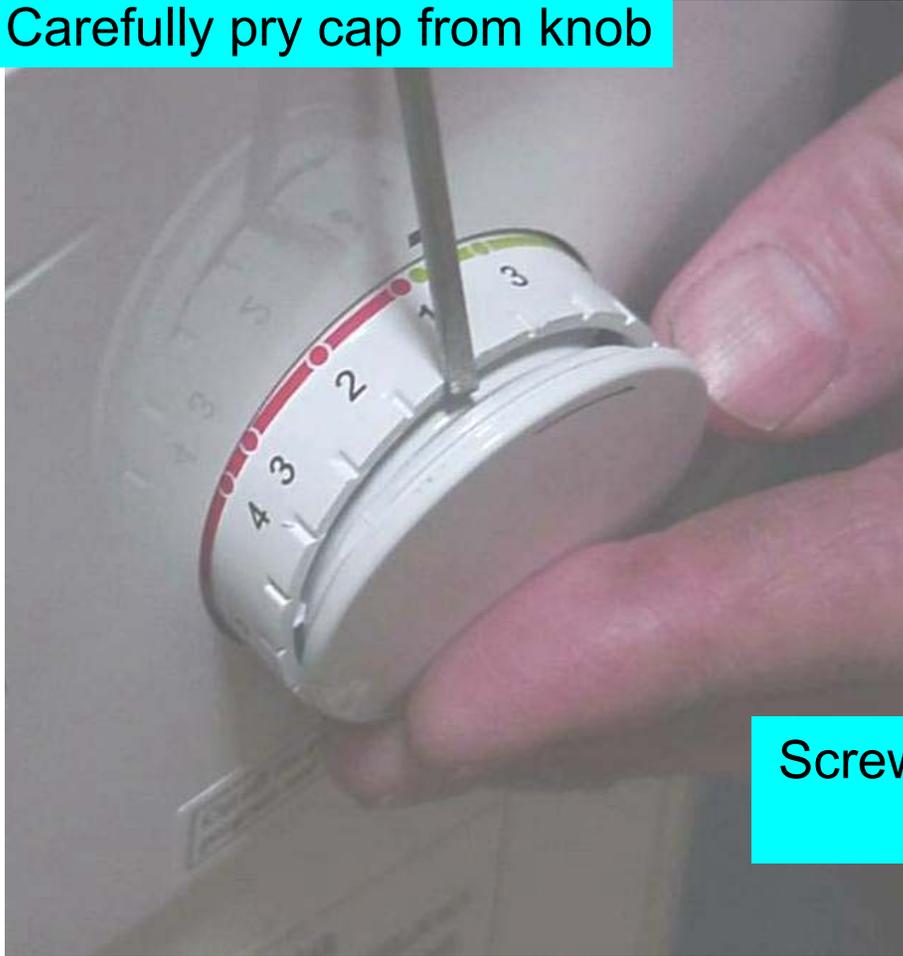
Back View
of cam

**TIMER KNOB
and
DISPENSER SERVICE
for the
XQG65-11SU**

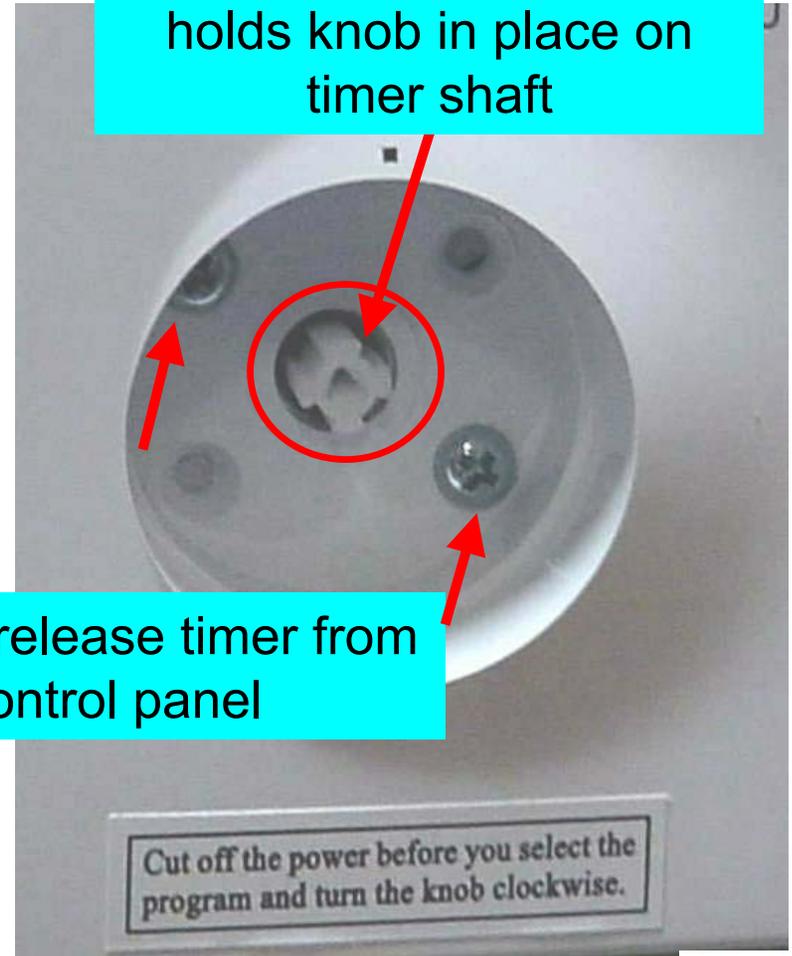


KNOB and TIMER REMOVAL XQG65-11SU

Carefully pry cap from knob



Single screw under cap
holds knob in place on
timer shaft



Screws release timer from
control panel

Cut off the power before you select the
program and turn the knob clockwise.

DISPENSER REMOVAL XQG65-11SU



Dispenser cup is removed
by removing hinge pin

Water is routed to the
different cups by the use of
the multiple fill valves

Remove screws on top and
bottom of dispenser housing
and remove from the back of
the control panel



The Haier logo is displayed in a white box against a cyan background. It features the word "Haier" in a bold, blue, sans-serif font. Below the text, there is a red square followed by four blue dots of increasing size from left to right.

**The Remaining Presentation
Covers all Models**



XQG50



XQG65



BOOT REMOVAL

Outer Retaining Wire

Release wire by removing single screw

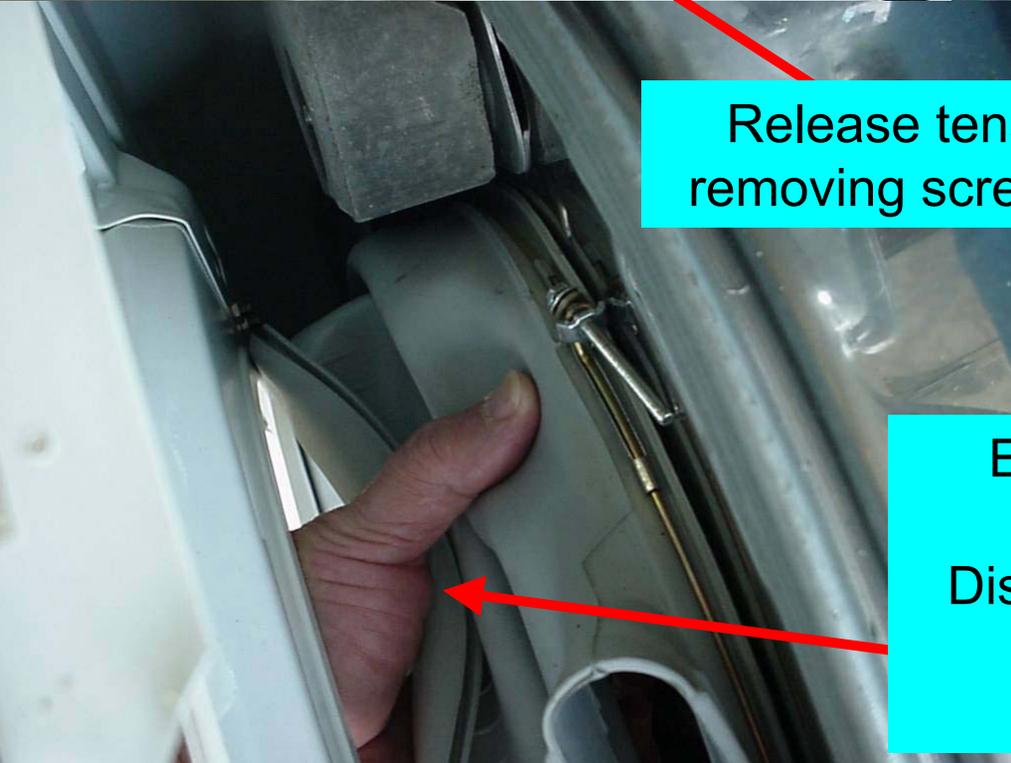
Unhook ends of wire and remove wire. Boot can then be rolled off of the front lip

BOOT REMOVAL

Inner Retaining Wire



Release tension by removing screw clamp



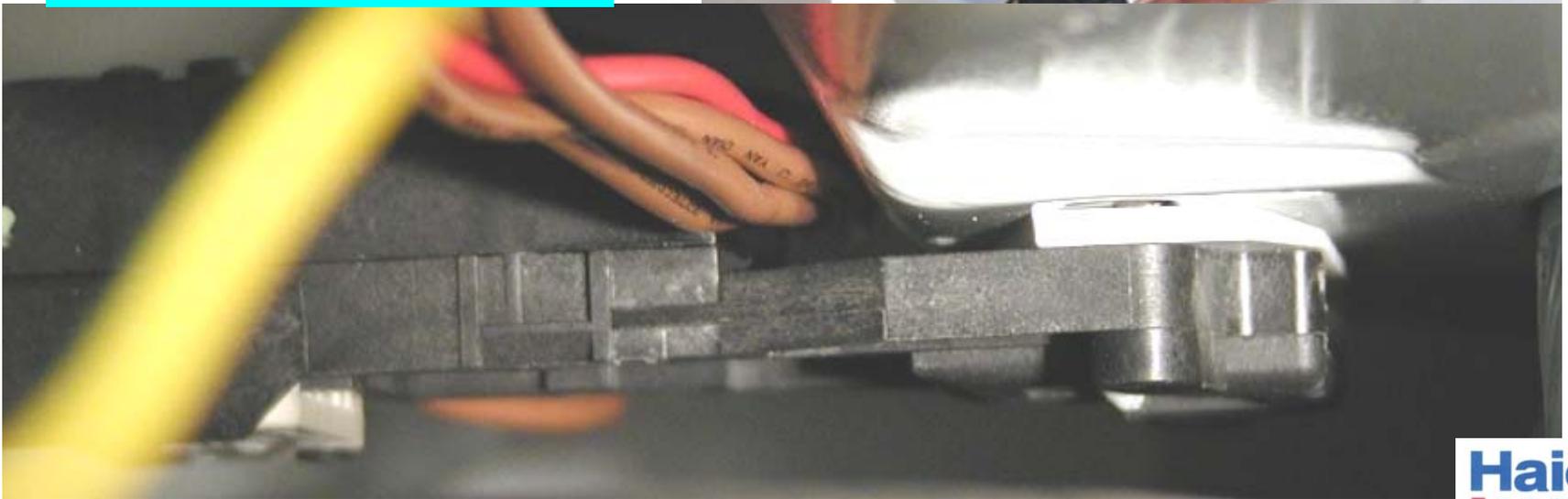
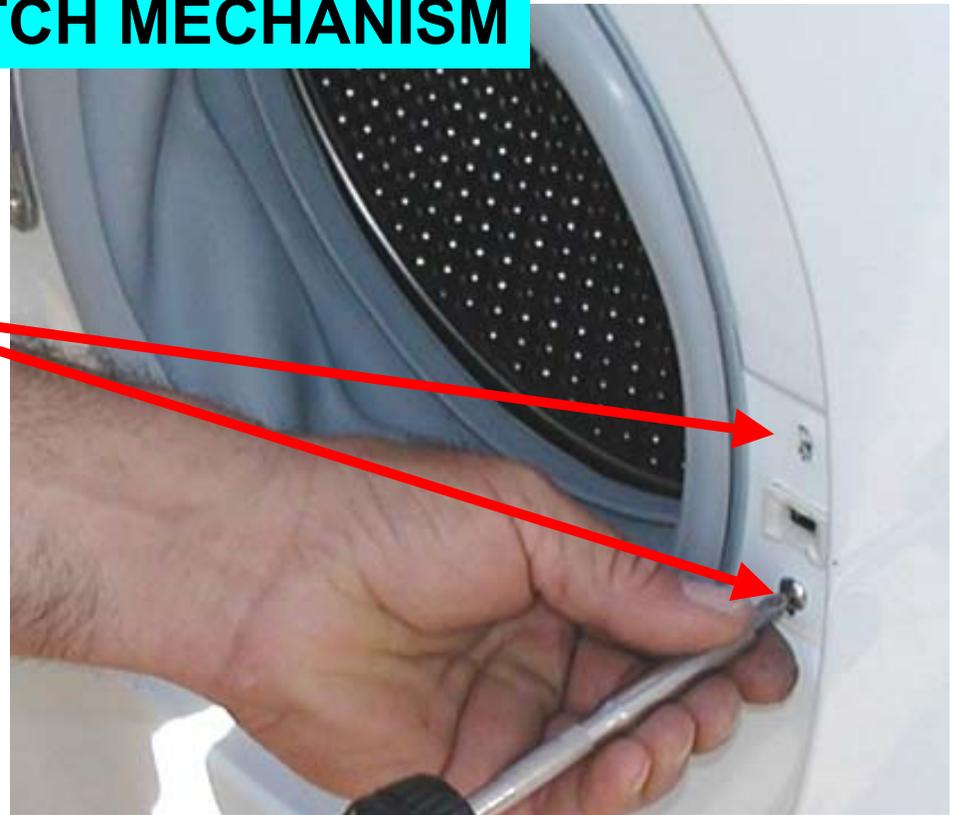
Easy access is gained by removing Dispenser and Control Panel and through Outer Boot opening

DOOR LATCH MECHANISM

Mechanism is held in place with 2 screws from the front

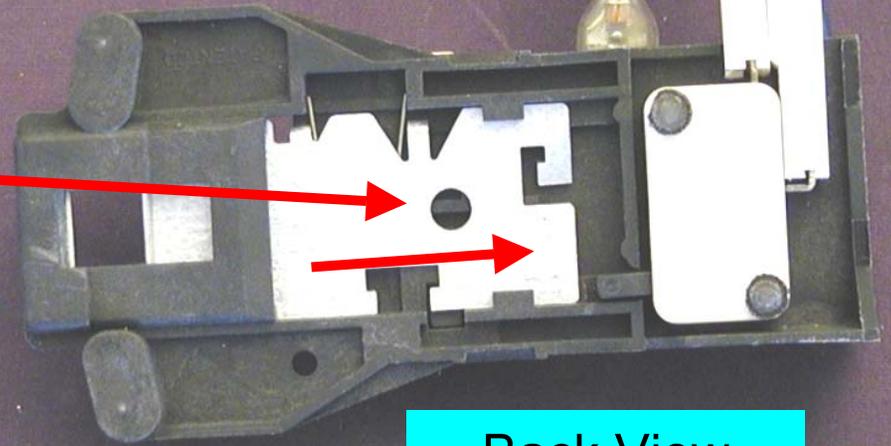
Access the switch from the top, behind the front panel.

Push the tub back for easier access.



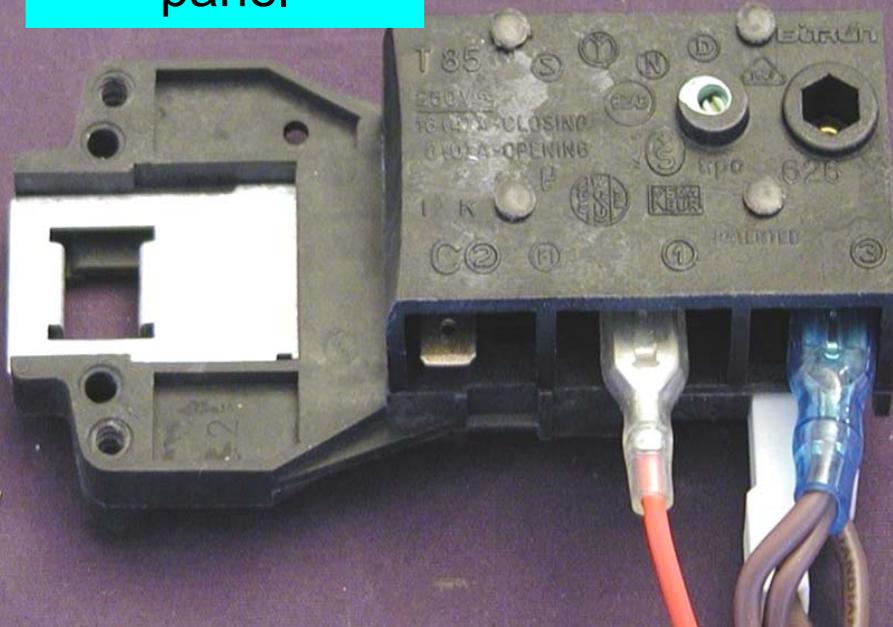
DOOR LATCH MECHANISM XQG50-11SU

Manually open
by using hook in hole
to slide latch open



Back View
towards tub

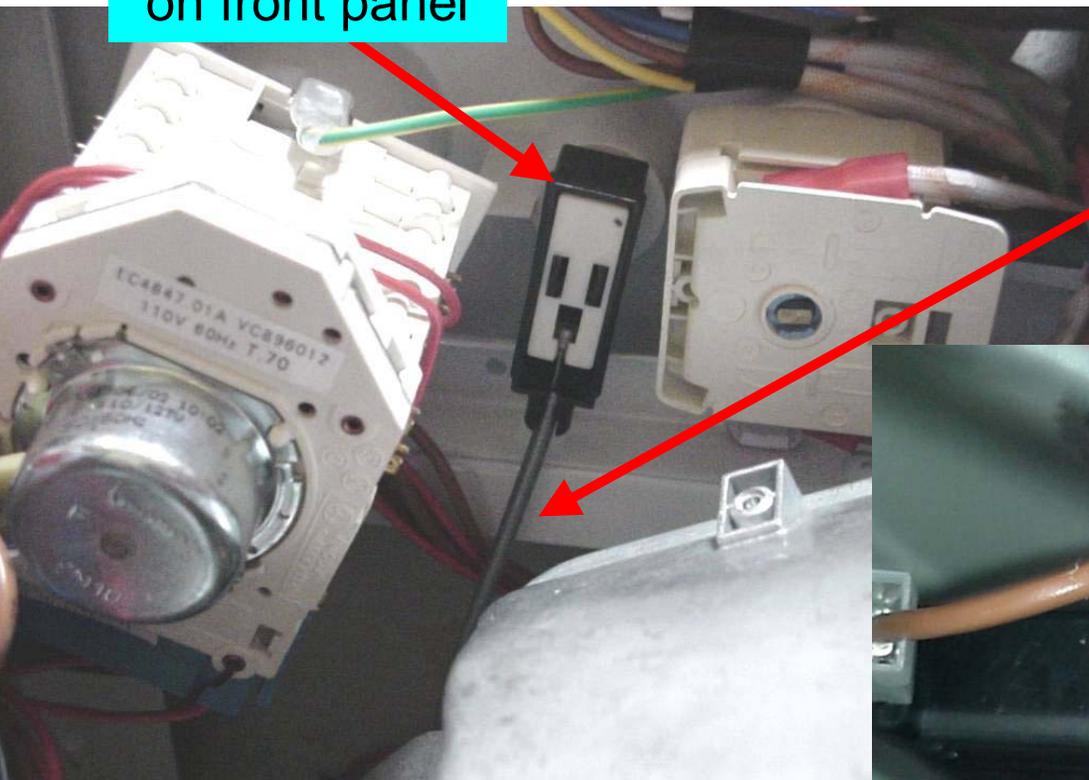
Front View
towards front
panel



DOOR LATCH MECHANISM XQG65-11SU

Push Button
on front panel

Cable activated from
button to switch

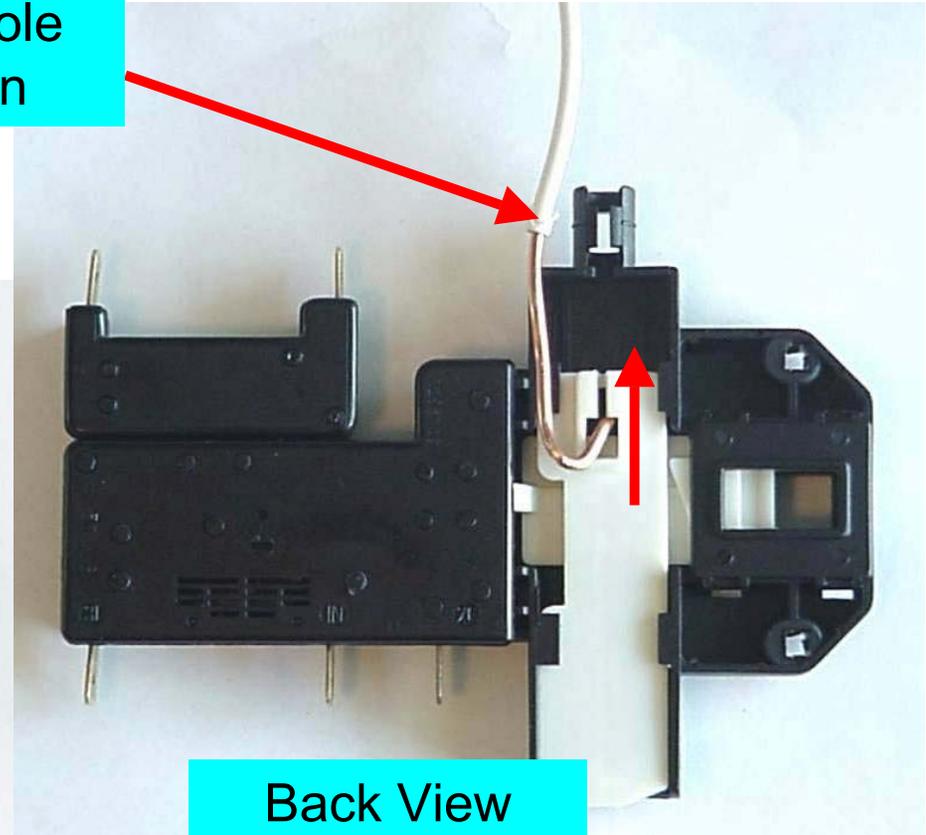
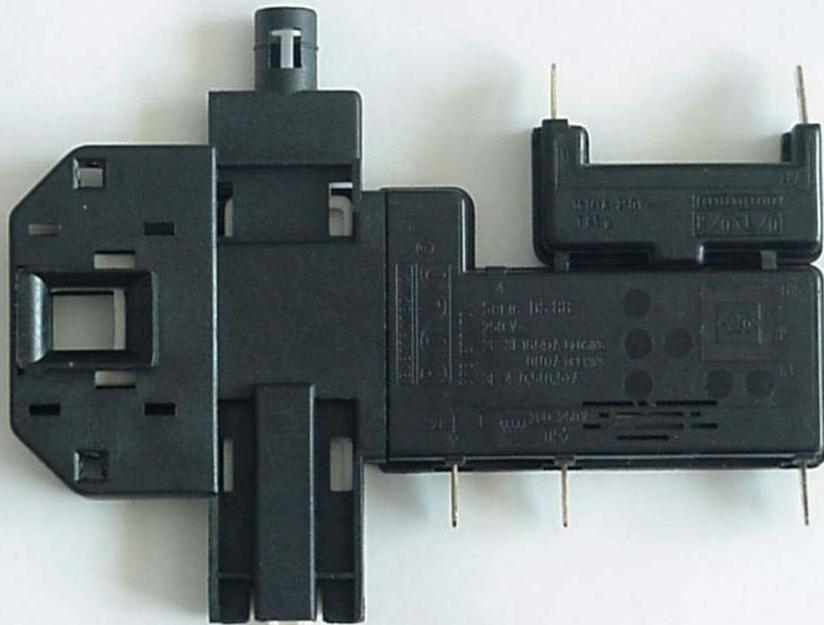


Remove the cable by pulling the
outer wrapper straight out of the
either switch body the removing the
inner cable from the activator

Door Latch

DOOR LATCH MECHANISM XQG65-11SU

Manually open
by using hook in hole
to slide latch open



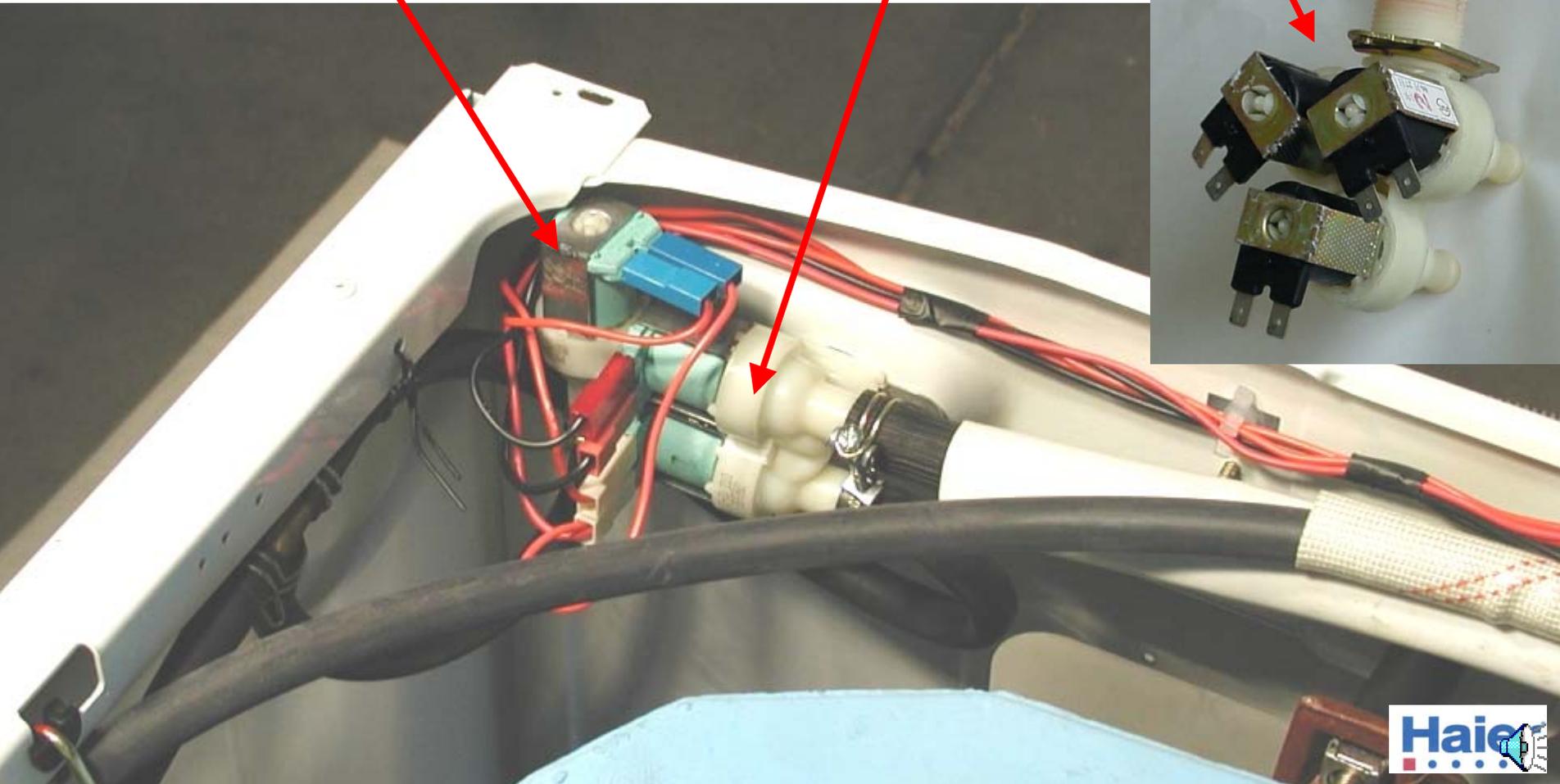
Back View
towards tub

WATER VALVES

Single Hot

Dual Cold
XQG50-11SU

Triple Cold
used on XQG65-11SU models



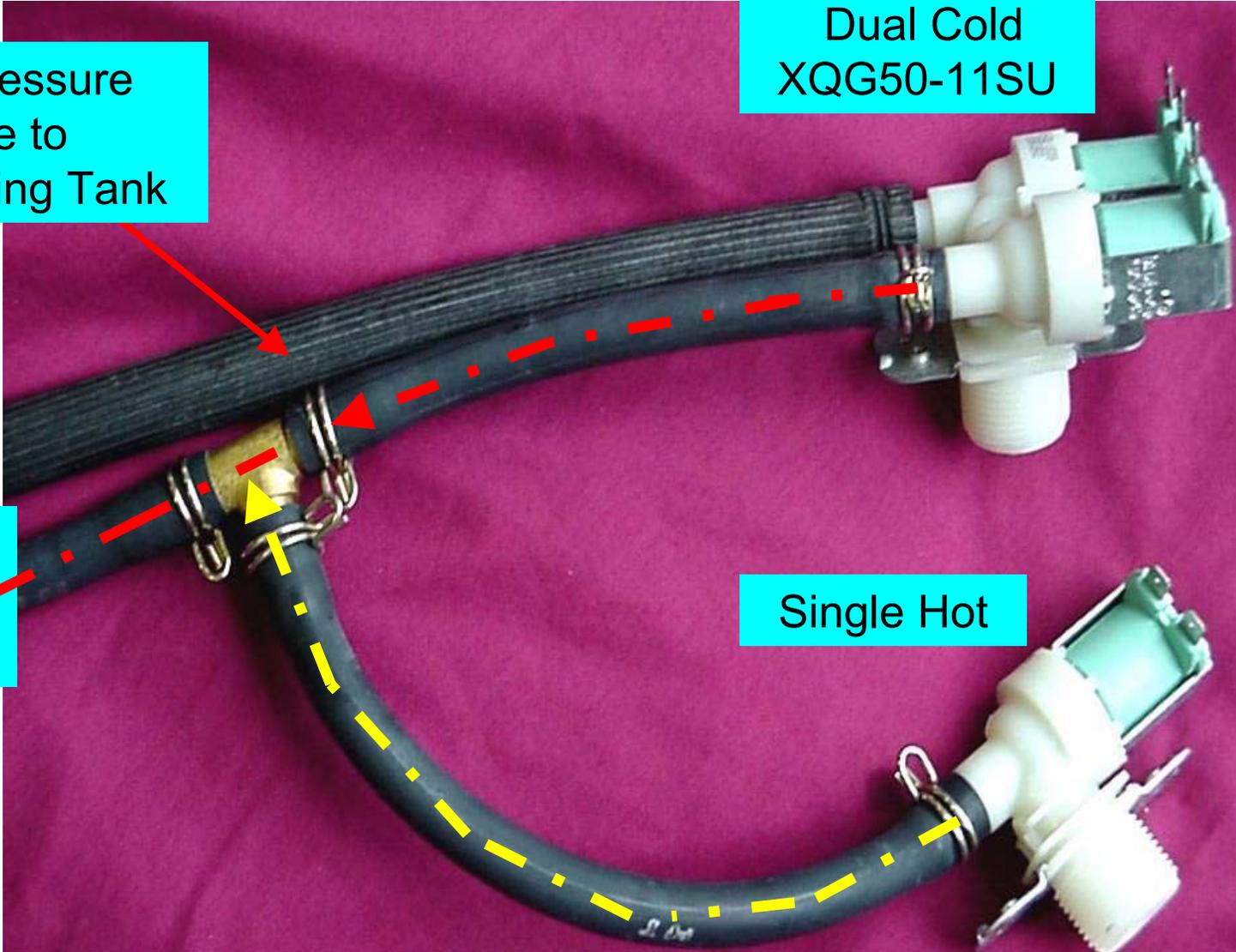
WATER VALVES

High Pressure
Hose to
Condensing Tank

Dual Cold
XQG50-11SU

Water Line
to
Dispenser

Single Hot

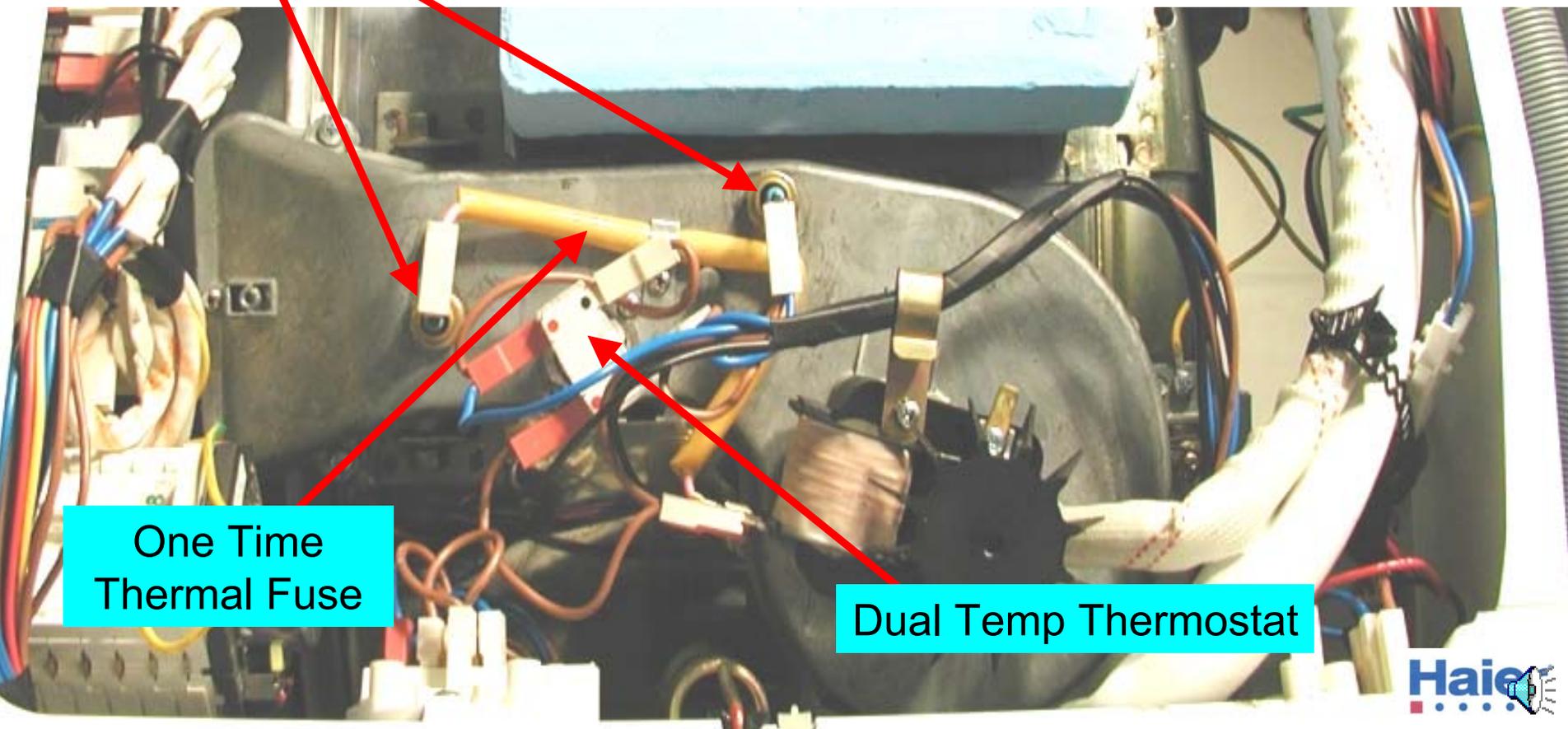


DRY CYCLE Heater Components

Heater Element Terminals

One Time
Thermal Fuse

Dual Temp Thermostat

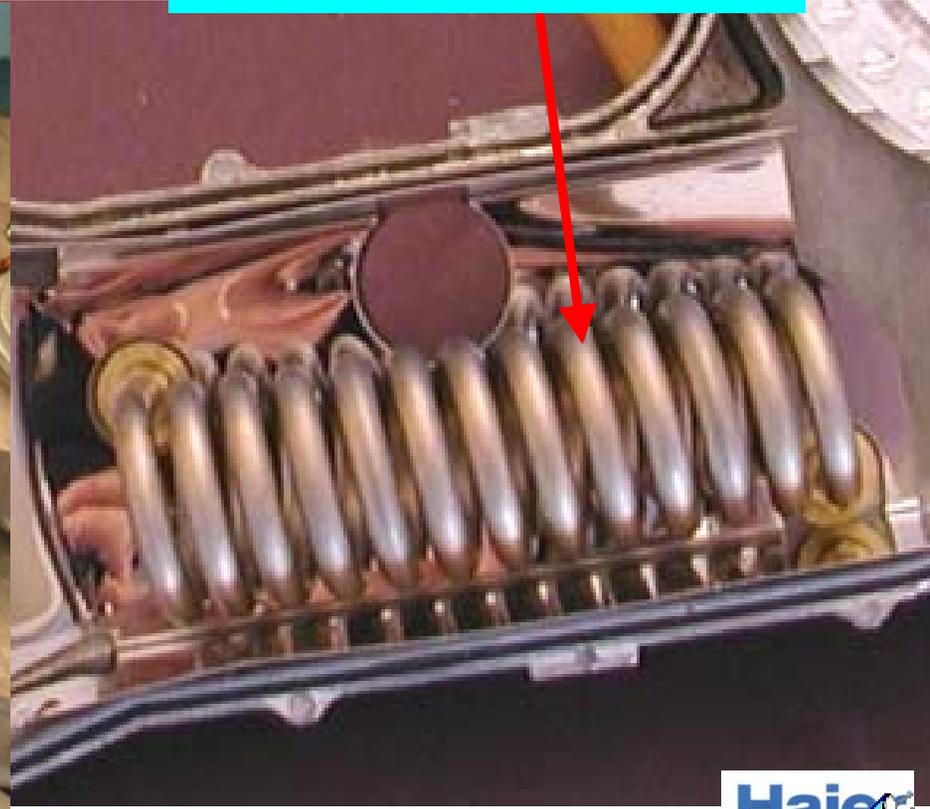
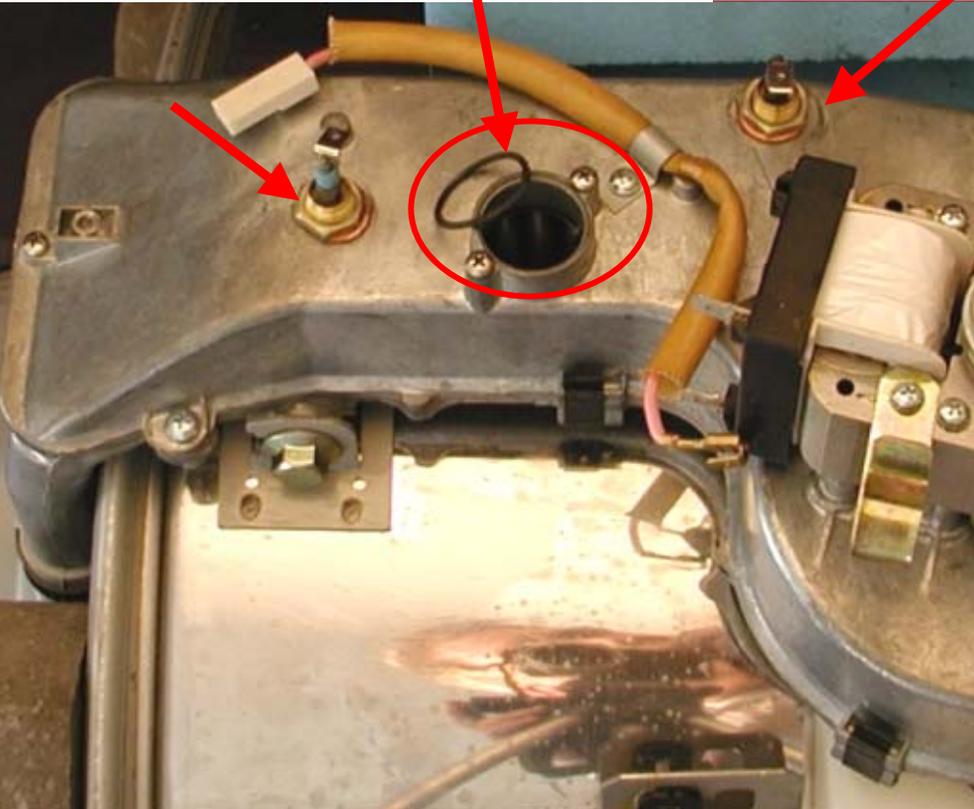


DRY CYCLE Thermostat & Heater

An O-Ring is used to provide an air tight seal on the thermostat

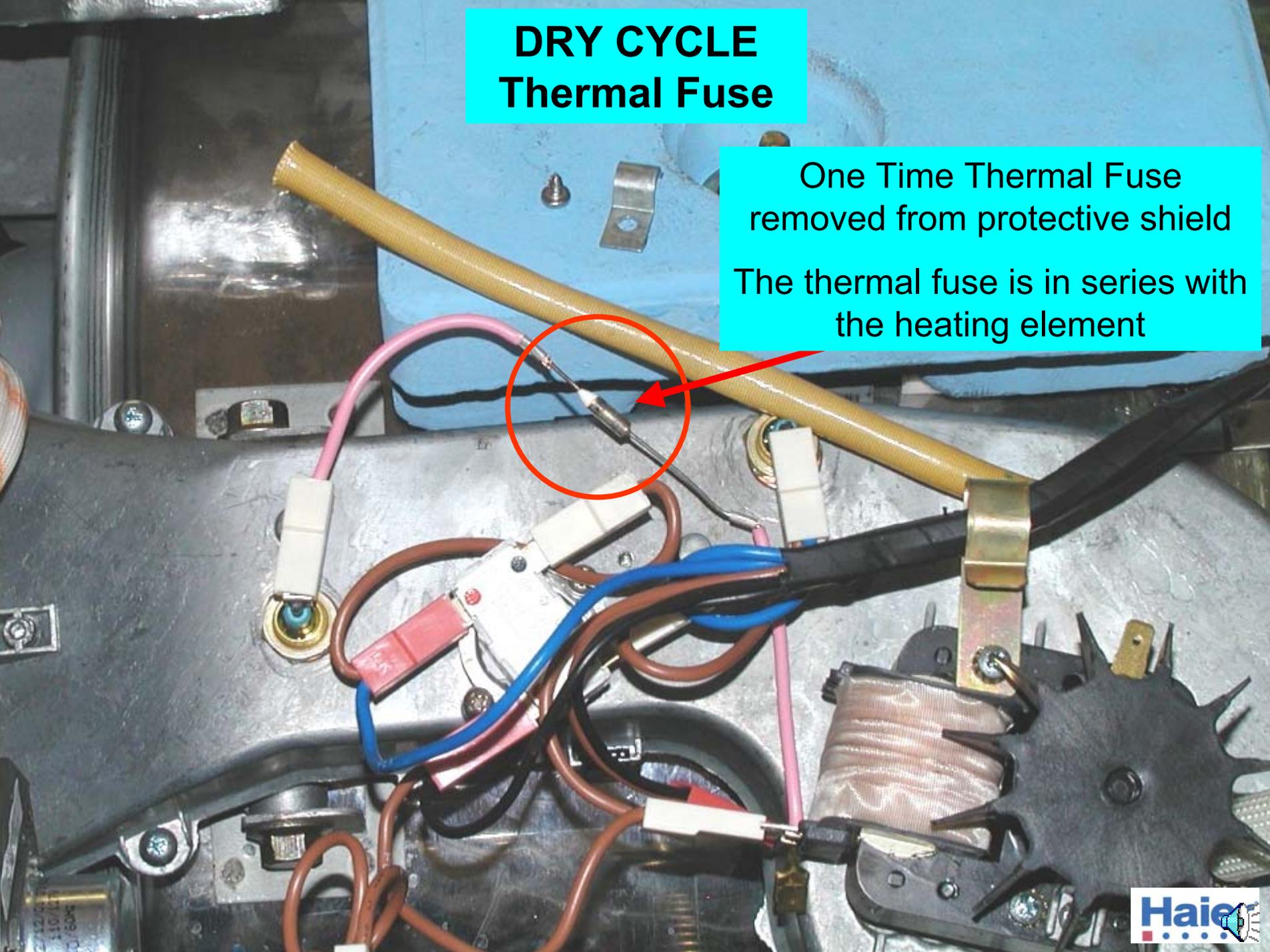
Retaining Nuts holding metal tube heater in place

Metal Tube Heater



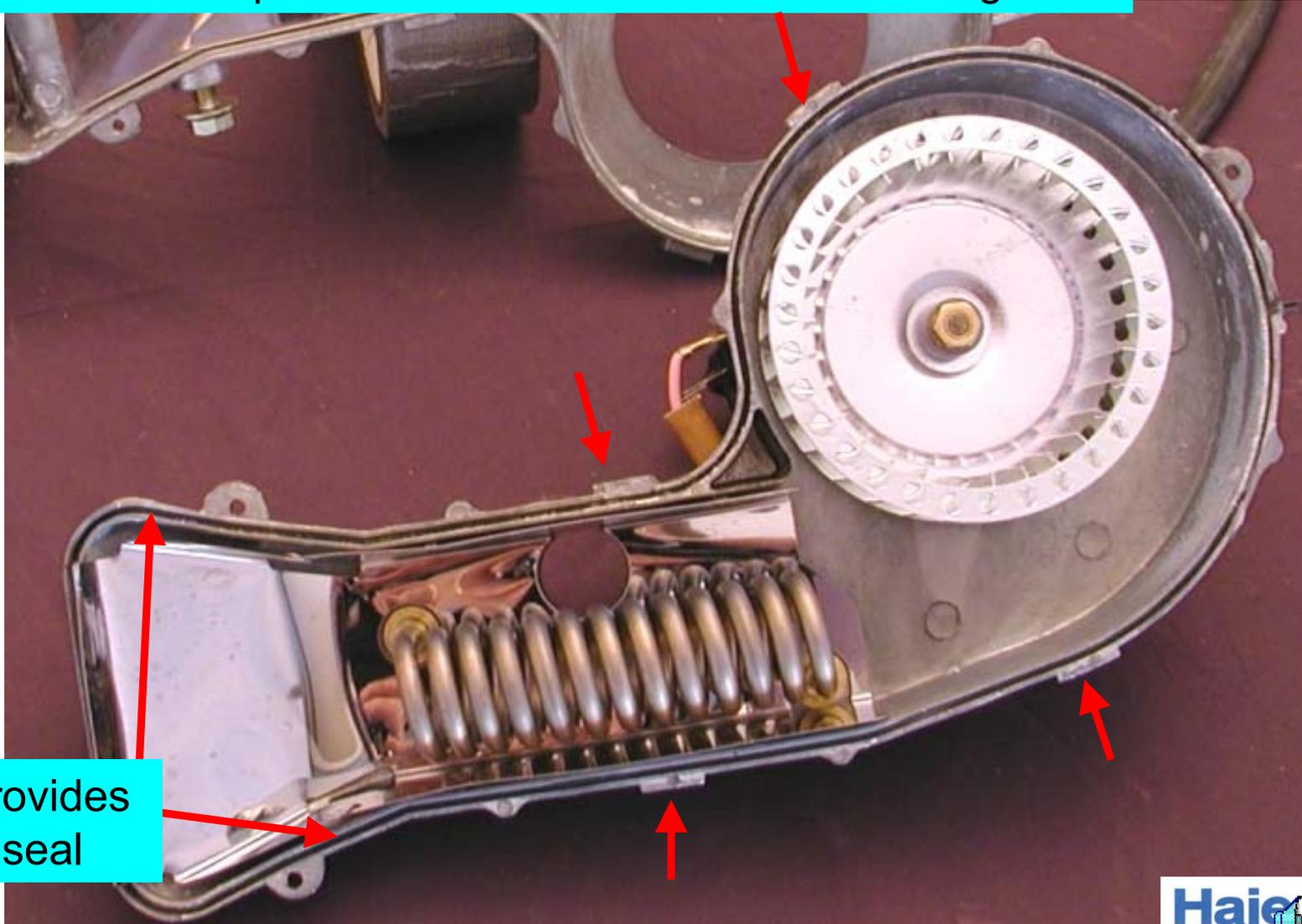
DRY CYCLE Thermal Fuse

One Time Thermal Fuse
removed from protective shield
The thermal fuse is in series with
the heating element



DRY CYCLE Heater Manifold

Screws and Clips hold the heater manifold halves together.

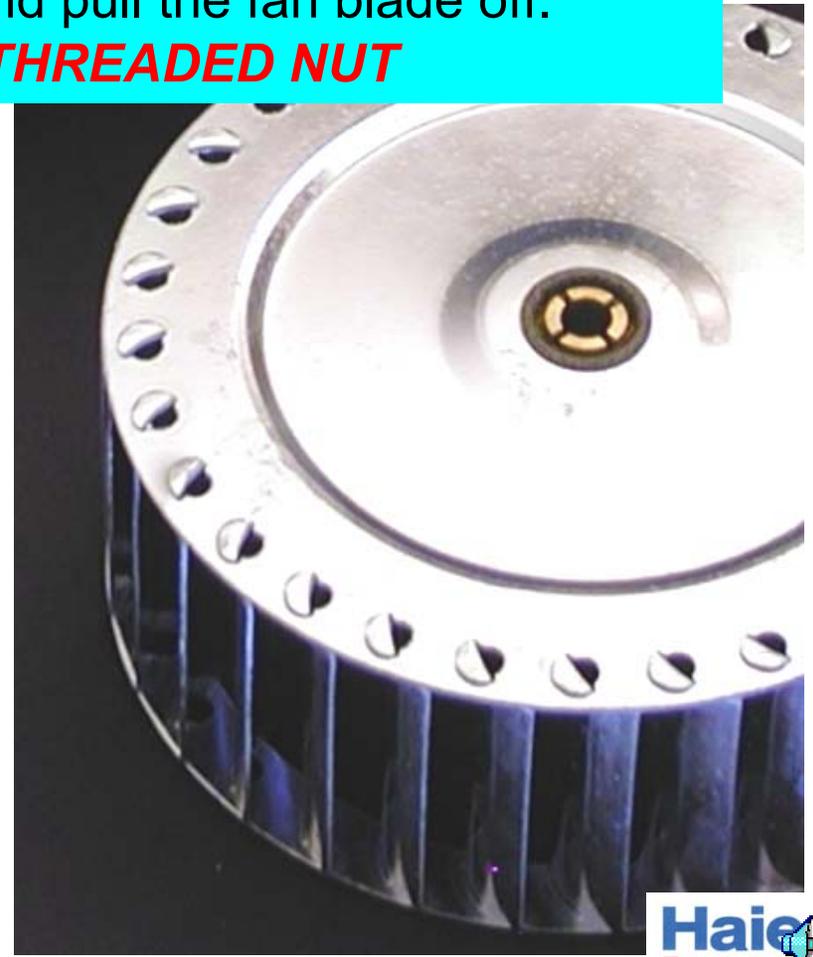


Gasket provides
airtight seal

DRY CYCLE Blower Wheel

The Blower Wheel is held in place with a collet type locking sleeve. The nut is clamping a split bushing tight on the motor shaft. Loosen but do not remove the nut. Tapping with a soft hammer will release the bushing. Remove the nut and pull the fan blade off.

THIS IS A LEFT HAND THREADED NUT

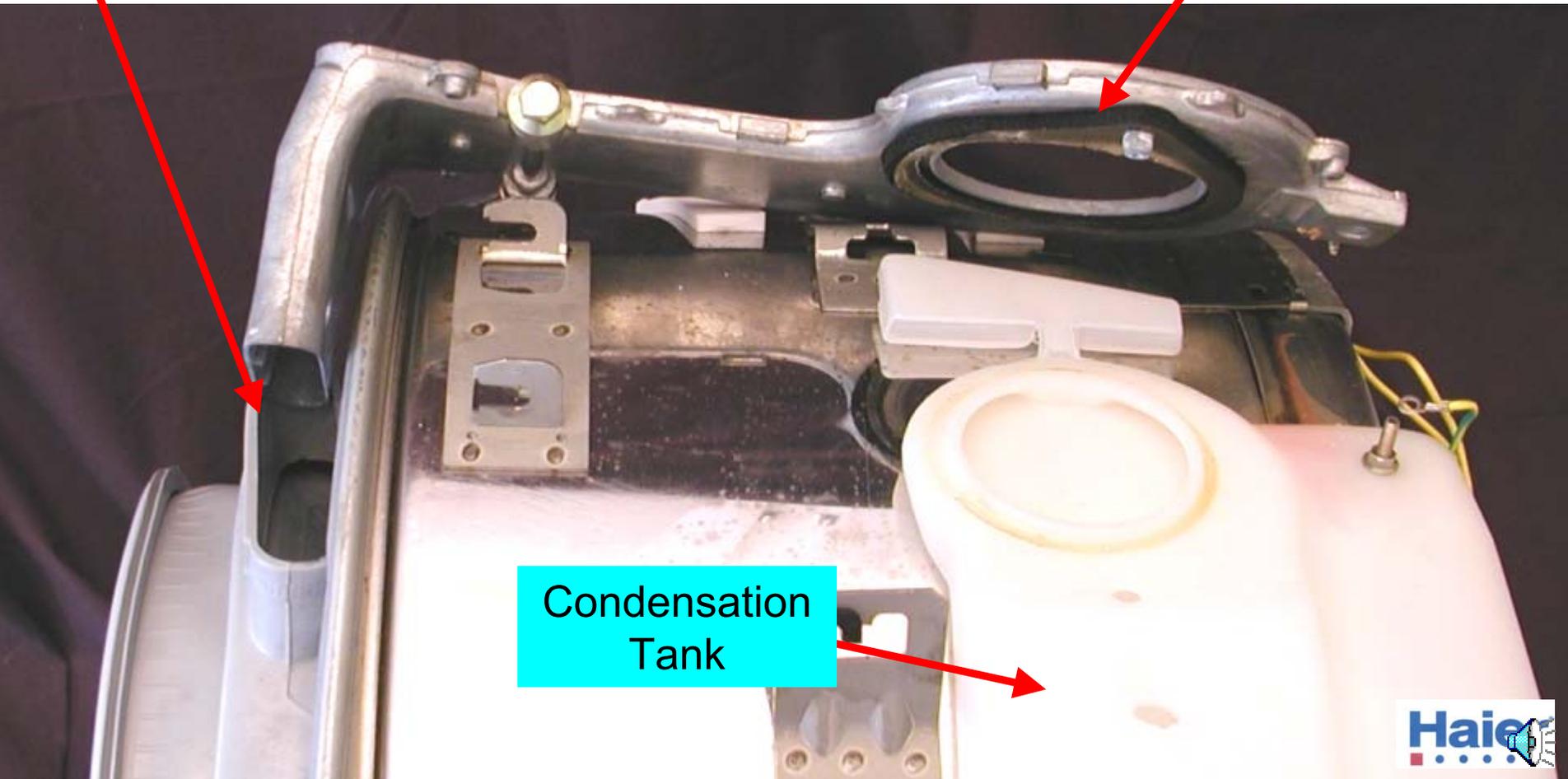


DRY CYCLE Heater Manifold Base

Outlet of heater manifold goes into boot above the door

Gasket mating to condensation tank

Condensation Tank



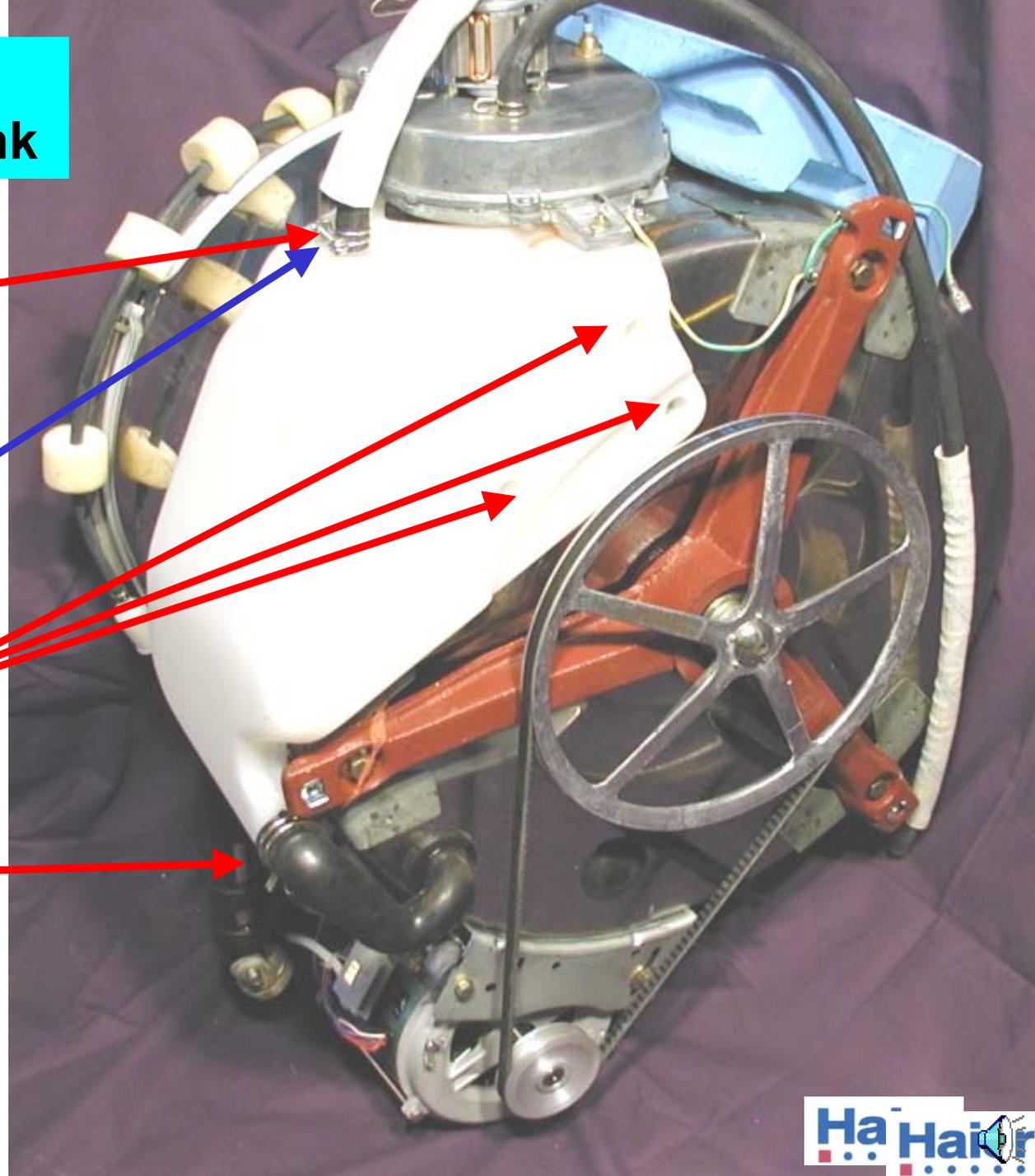
DRY CYCLE Condensation Tank

Water Inlet
For Condensation
Dry Cycle

The Water Restrictor
Is located in this
fitting

Three nuts to
remove tank

Drain Outlet

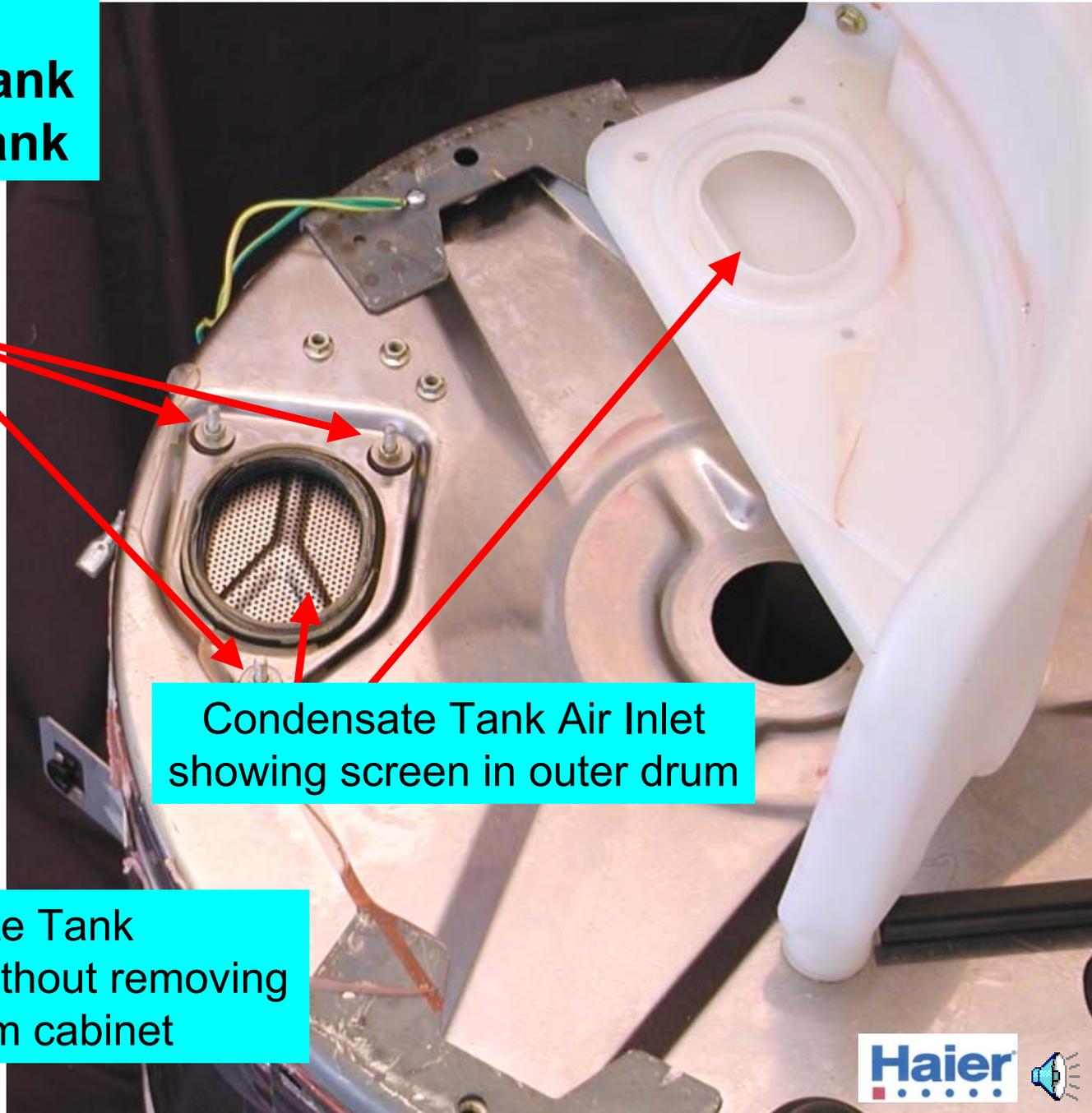


DRY CYCLE Condensation Tank Removed from Tank

Three nuts to
remove tank

Condensate Tank Air Inlet
showing screen in outer drum

Condensate Tank
can be removed without removing
outer tub from cabinet

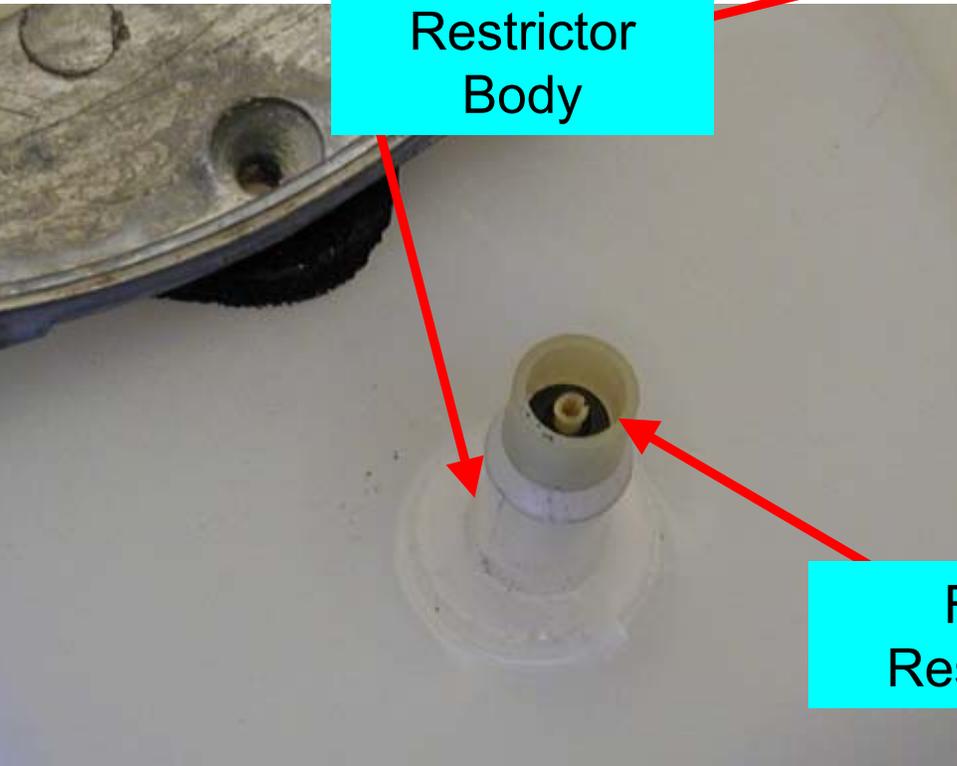


DRY CYCLE Water Restrictor

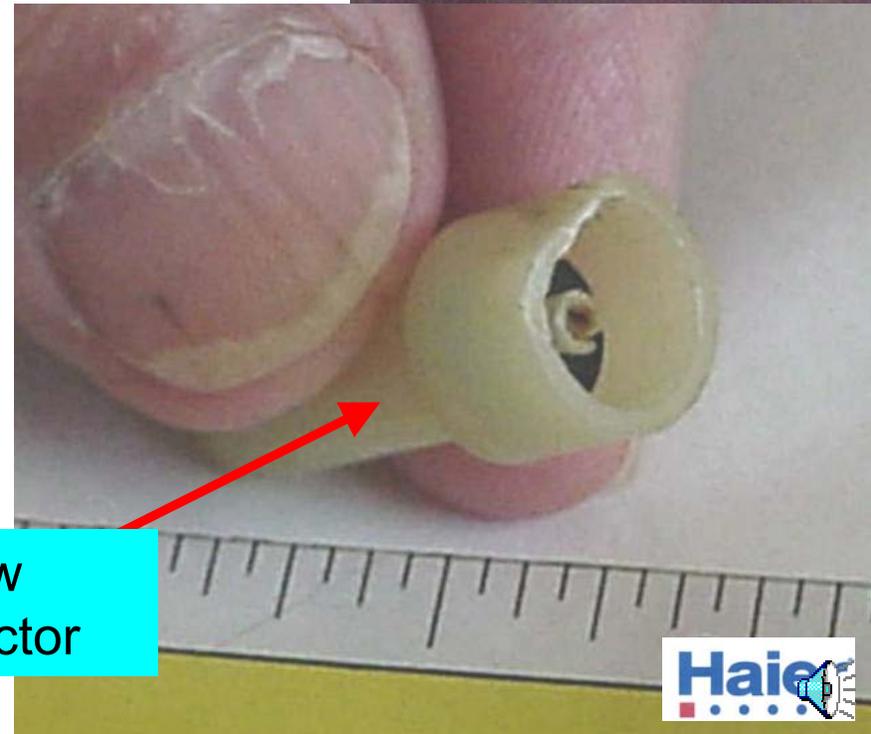
The water restrictor body is keyed for proper installation.
Condensate and cooling water is pumped out, cycling on the dryer pressure switch.



Restrictor
Body



Flow
Restrictor



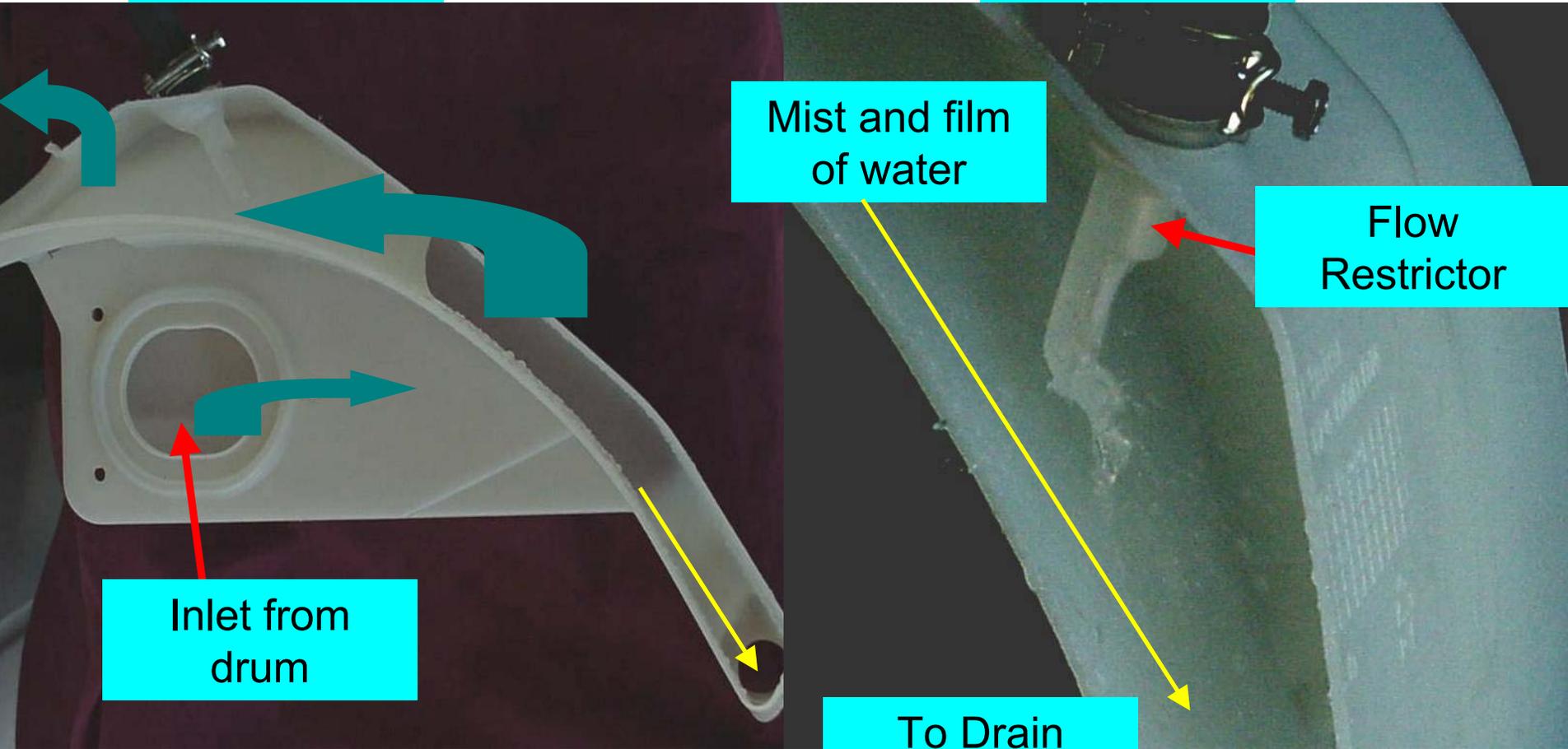
DRY CYCLE Operation

The tank has been cut in half for this picture

To Drain

Air Flow

Water Flow



Flow
Restrictor

Mist and film
of water

Inlet from
drum

To Drain

BOTTOM VIEW

Many components are easily accessible through the bottom of the unit.

Motor

Pressure Switch
Air Dome

Drain
Outlet

Trap
Body

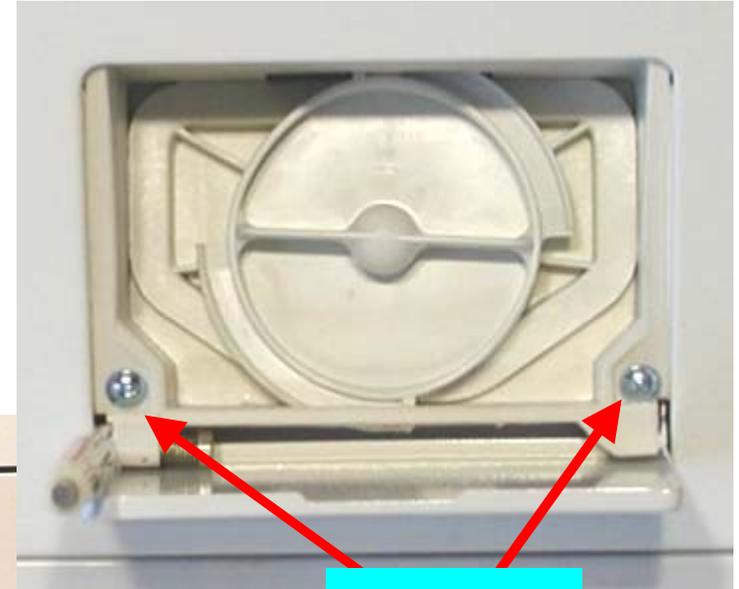
Pump & Motor
Assembly

PUMP & TRAP Removal

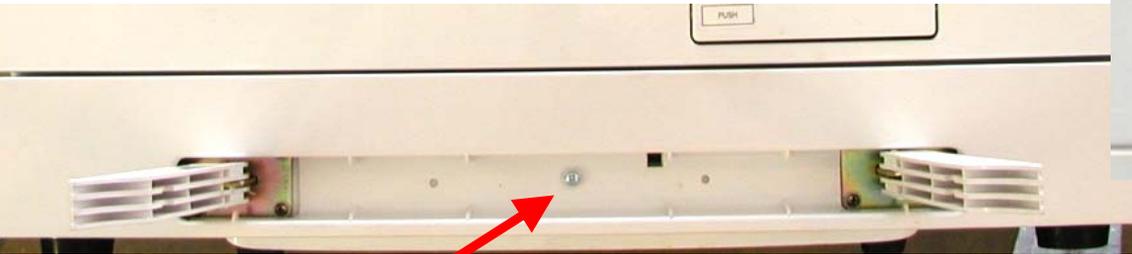
Remove 2 screws from the trap and 2 bolts from the under kick-panel

Unhook the wiring harness and hoses

Remove pump and housing from bottom



2 Screws

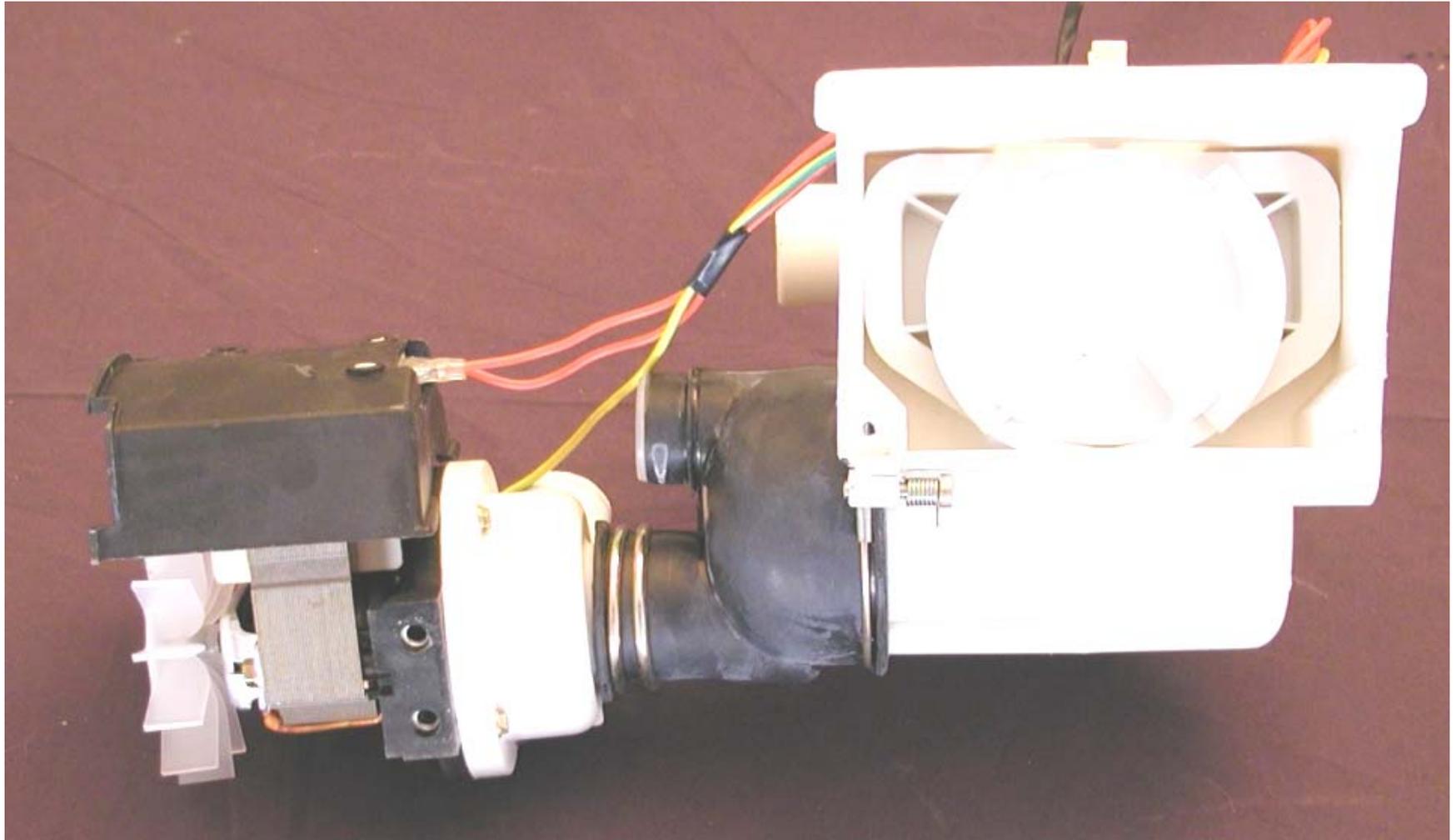


Screw holding kick panel in place

2 Bolts holding trap housing in place

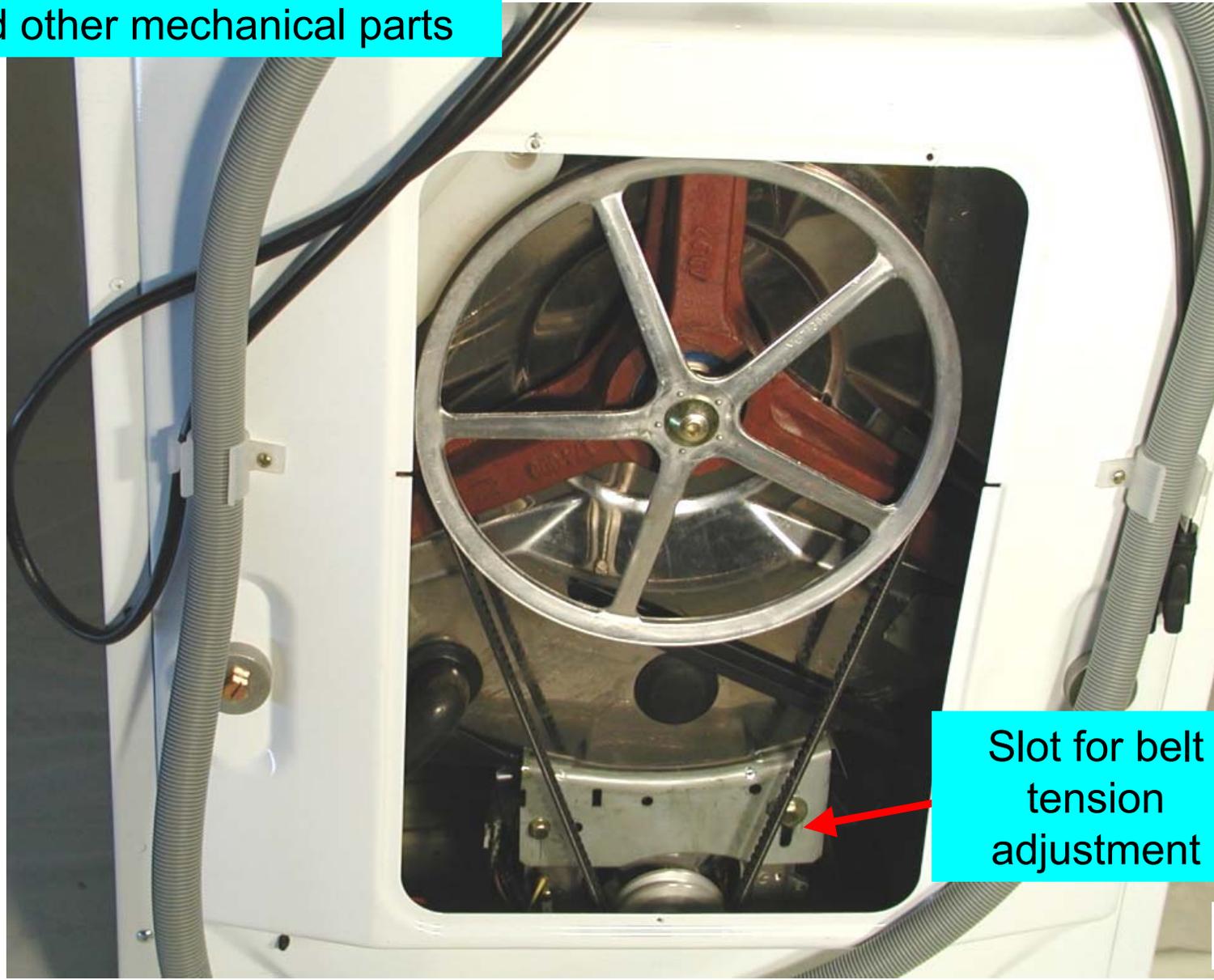


PUMP & TRAP Assembly



REAR ACCESS PANEL

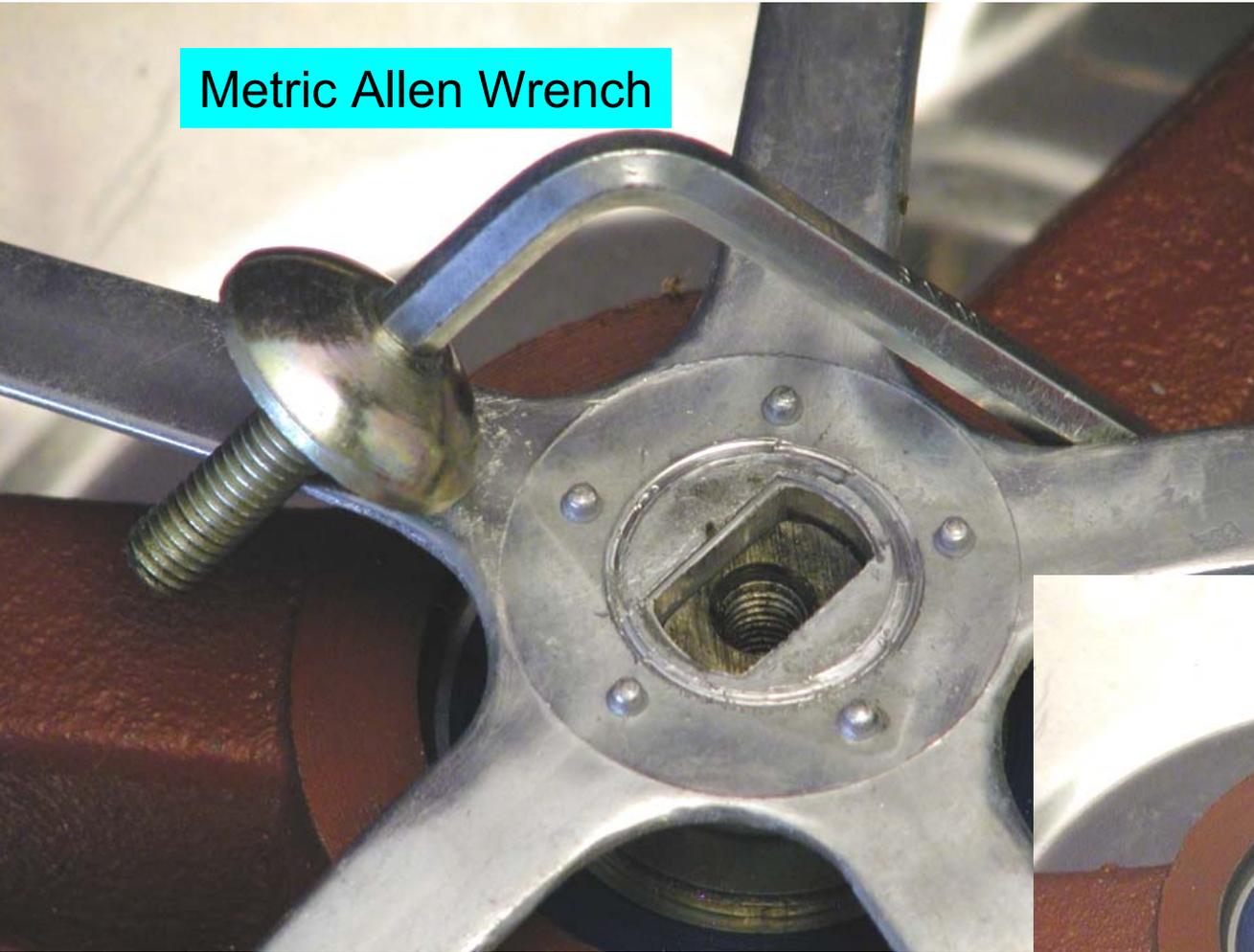
Rear Access to Pulley, Belt and other mechanical parts



Slot for belt tension adjustment

PULLEY & TUB BEARINGS

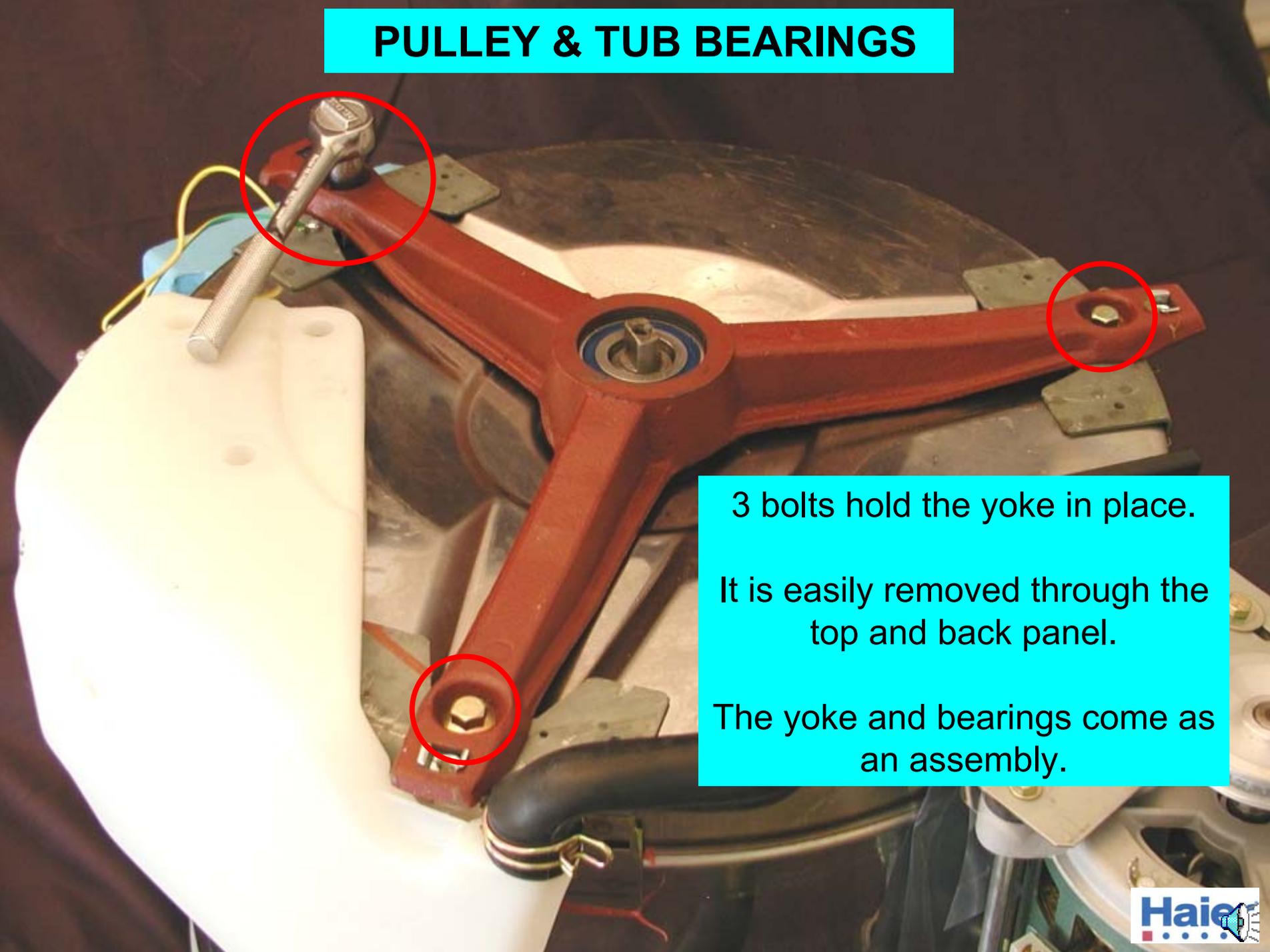
Metric Allen Wrench



Reinstall spacers
when replacing
pulley



PULLEY & TUB BEARINGS



3 bolts hold the yoke in place.

It is easily removed through the top and back panel.

The yoke and bearings come as an assembly.

TUB BEARINGS & SEAL

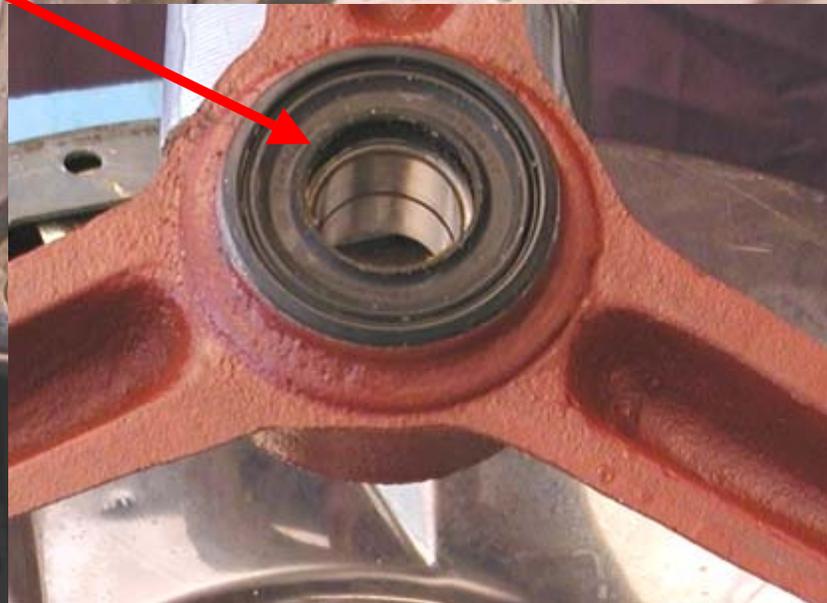
Water Seal contacts the outer tank for water tight seal

Brass Bushing on the shaft contacts the inner lip of the seal

INNER TUB

Bushing rides in the inner lip of the water seal

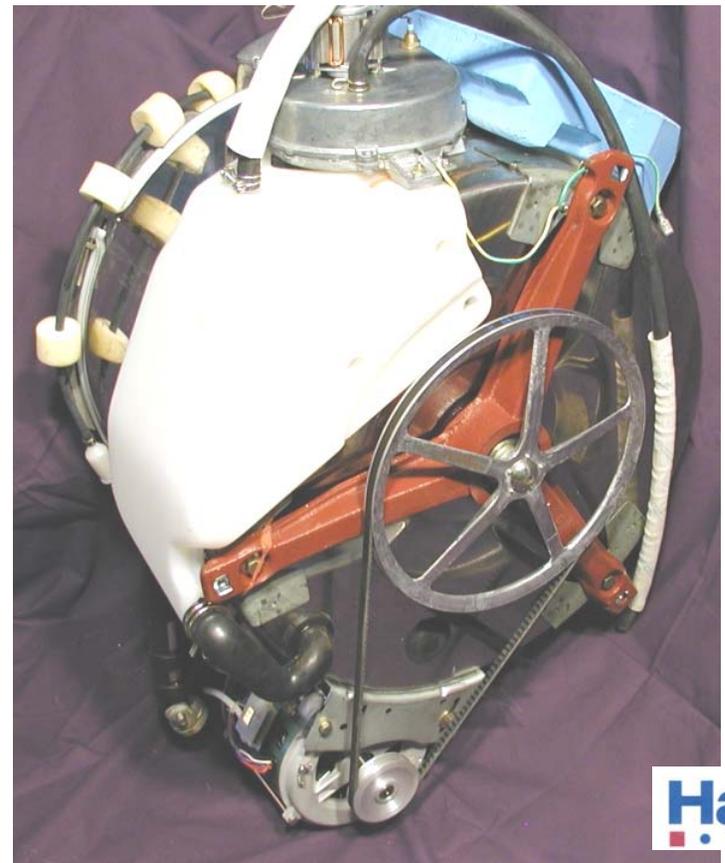
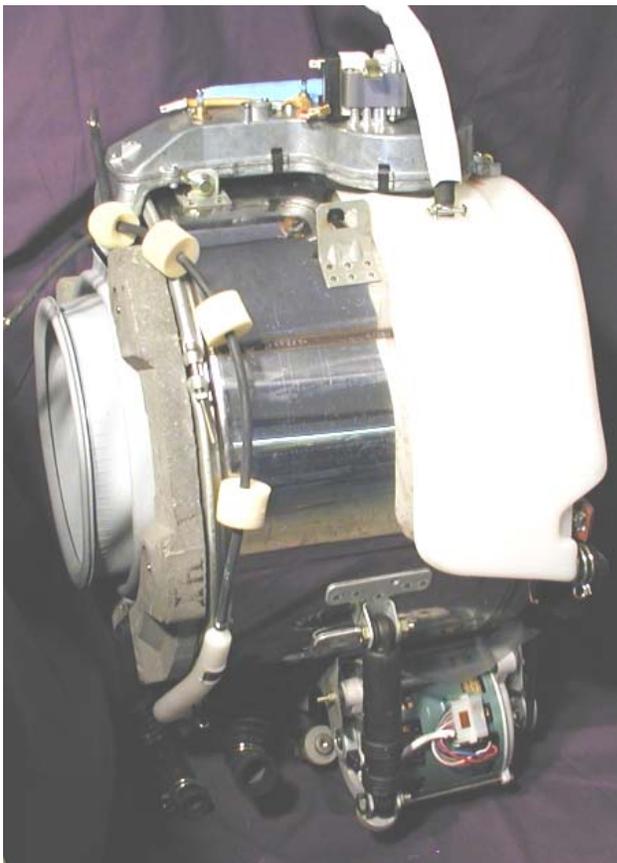
Inner tub is a unit assembly



OUTER TANK ASSEMBLY REMOVAL

Tub bearings and seal are easily serviced from the back making it highly unusual to remove the outer tank and drum from the unit.

If these components must be serviced, remove the motor and counterbalance weights before removing tank through the top of the cabinet.

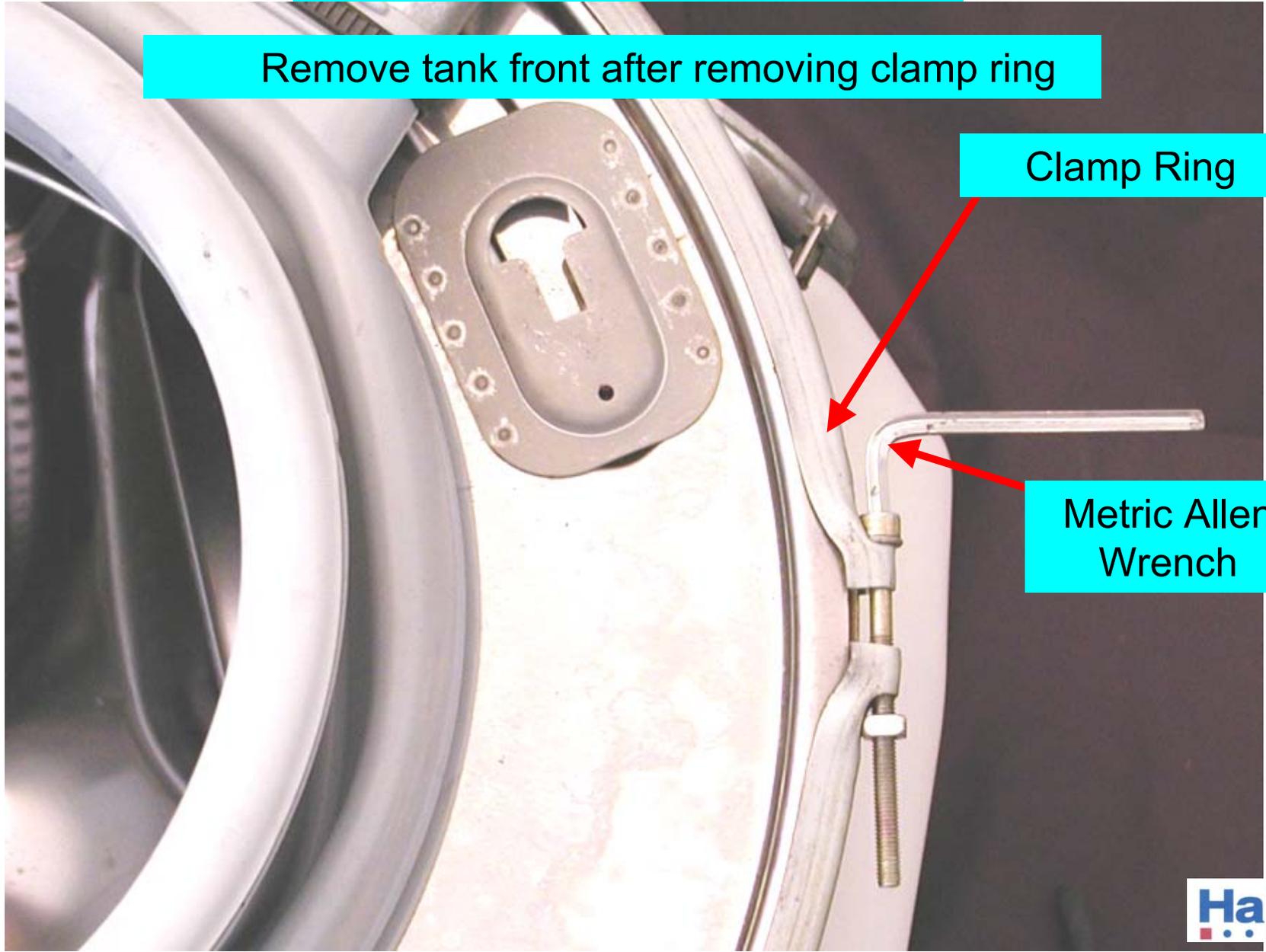


OUTER TANK ASSEMBLY Disassembly

Remove tank front after removing clamp ring

Clamp Ring

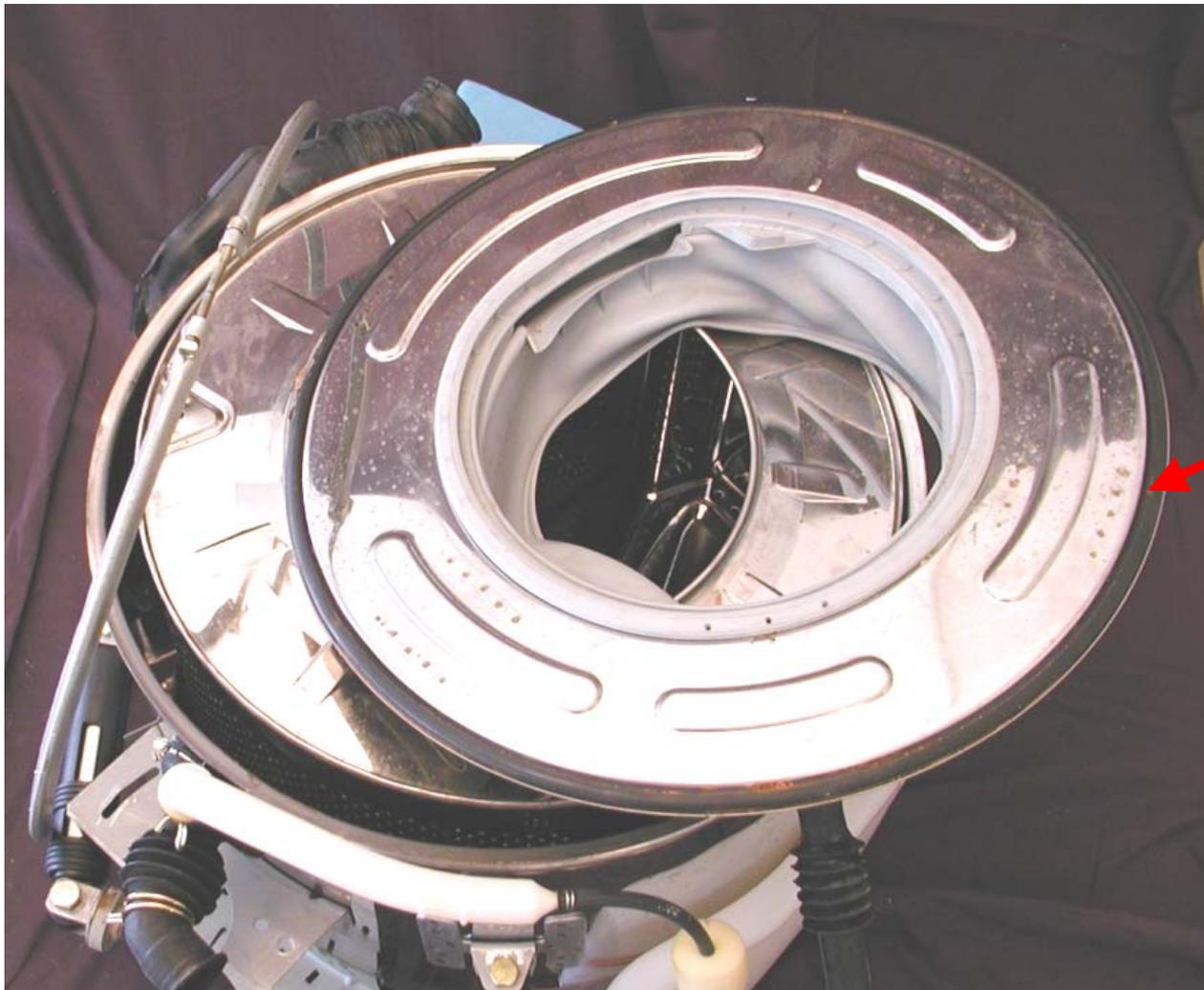
Metric Allen
Wrench



OUTER TANK ASSEMBLY

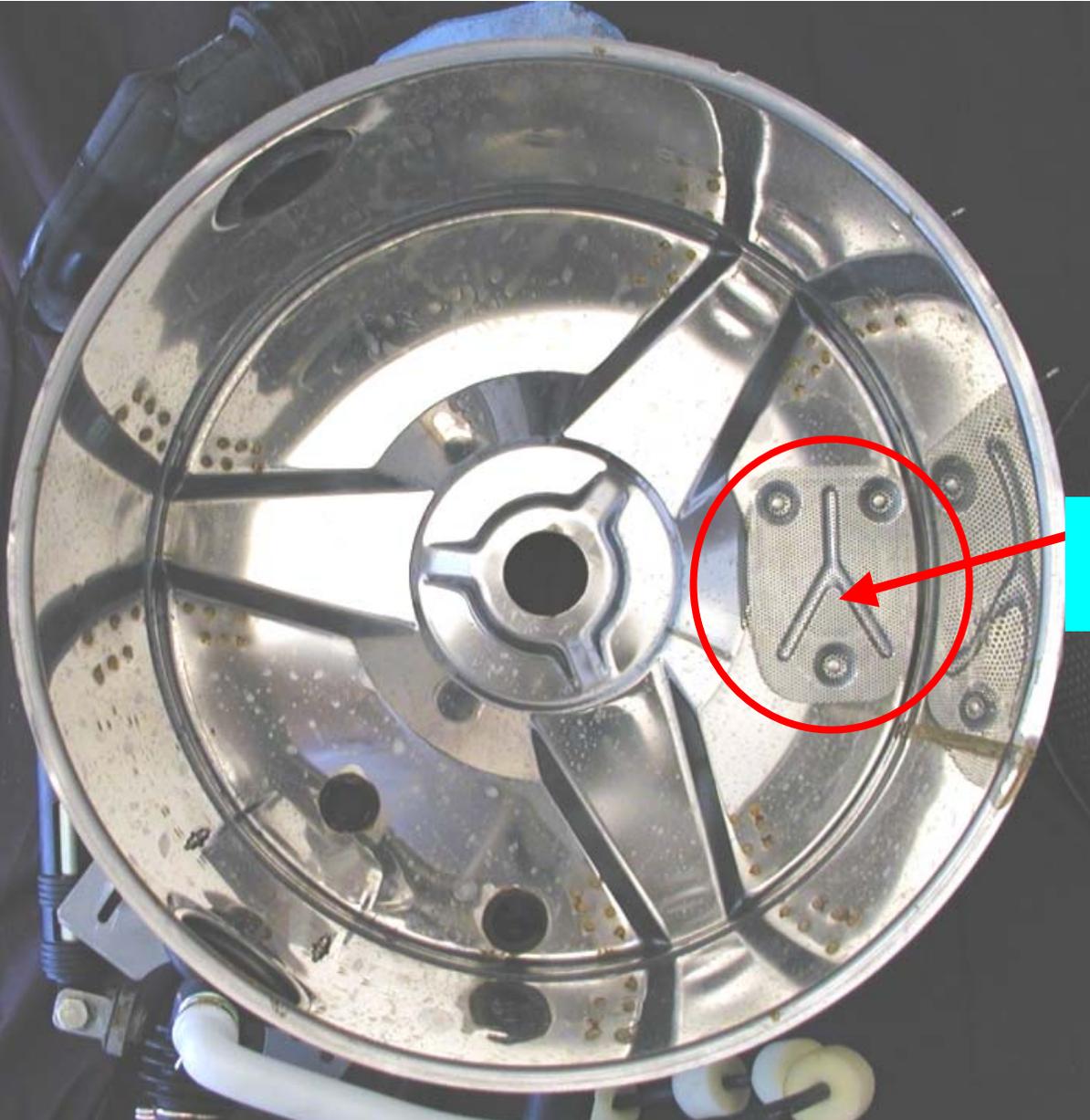
Service

When re-installing tank front clamp ring, lightly tap the ring around the circumference to help seat the ring and draw the clamp tight.



Gasket on inner lip of tank front

OUTER TANK ASSEMBLY Service



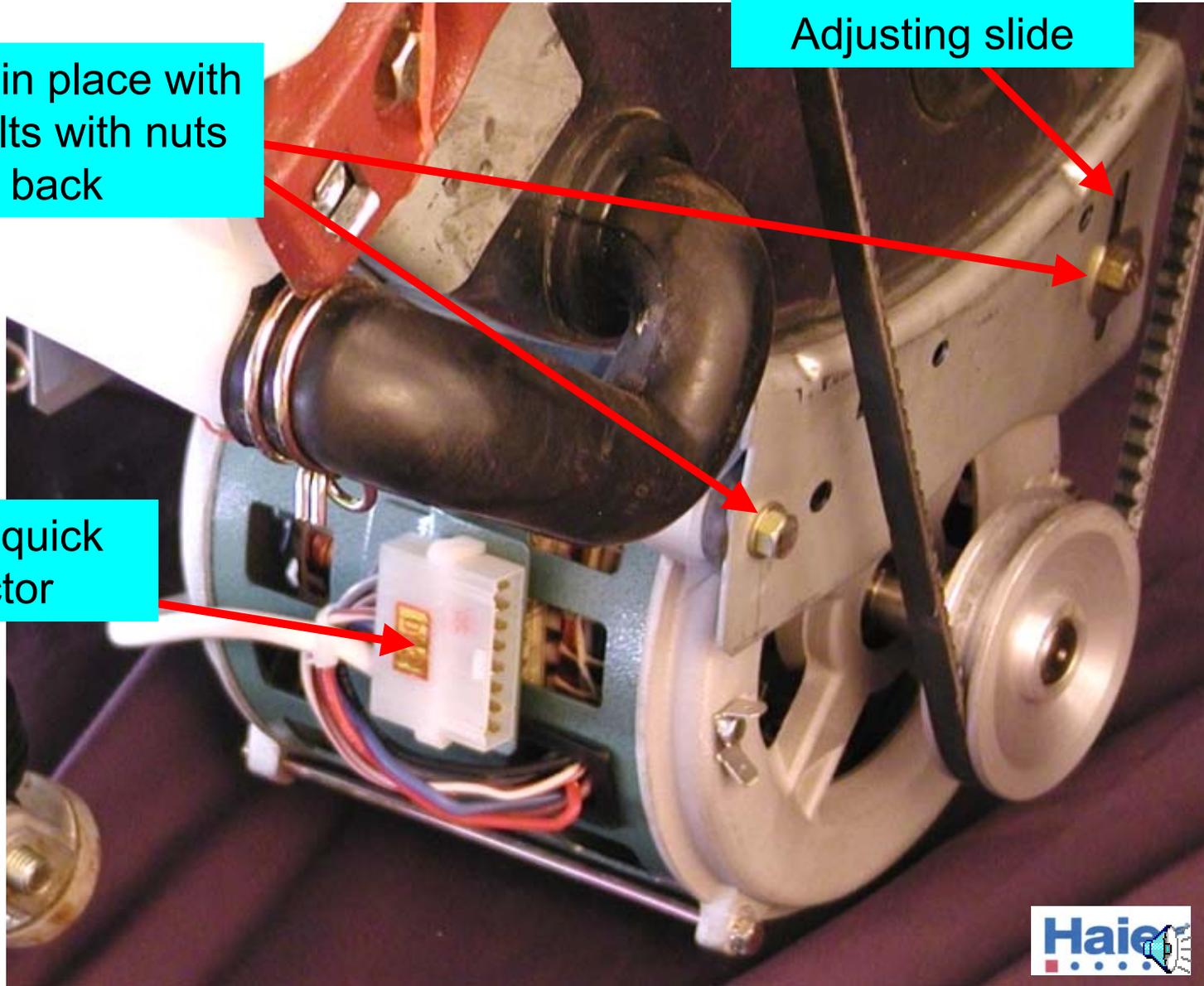
Screen over outlet to
condensing tank

MOTOR ASSEMBLY Service

Motor is held in place with
2 through bolts with nuts
on the back

Adjusting slide

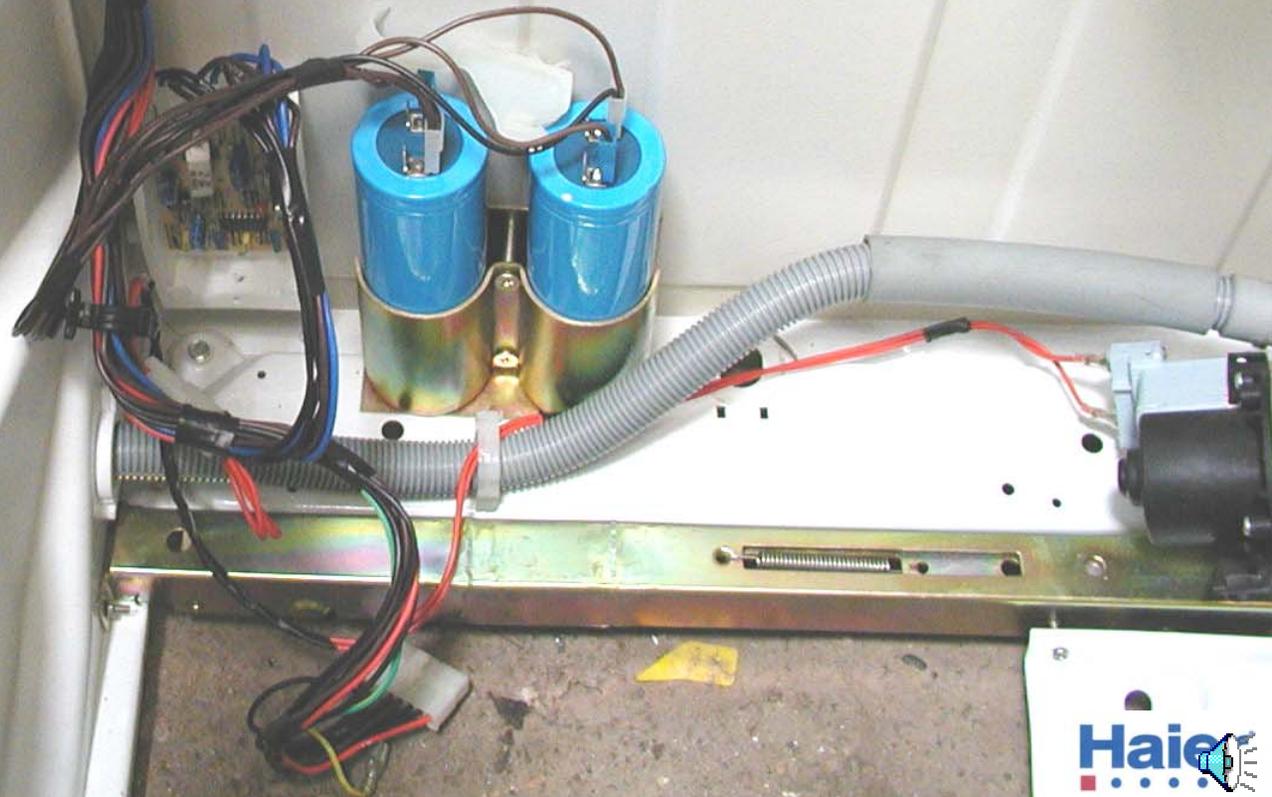
Electrical quick
connector



CAPACITORS AND MOTOR CONTROLLER

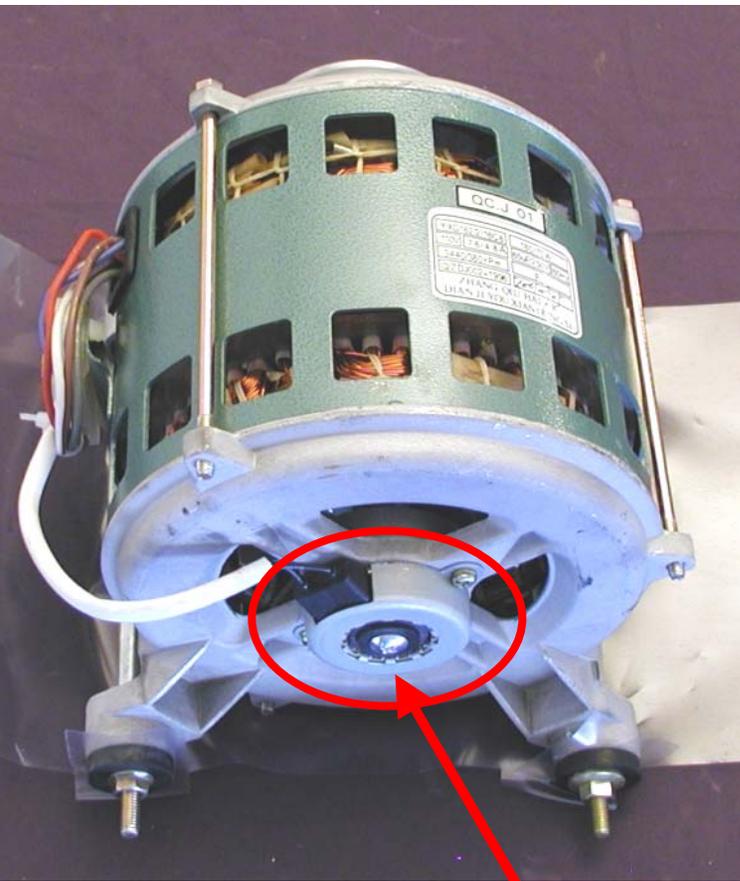
The Motor Control Board and
Capacitors are on the right side of
the bottom of the cabinet

Front →

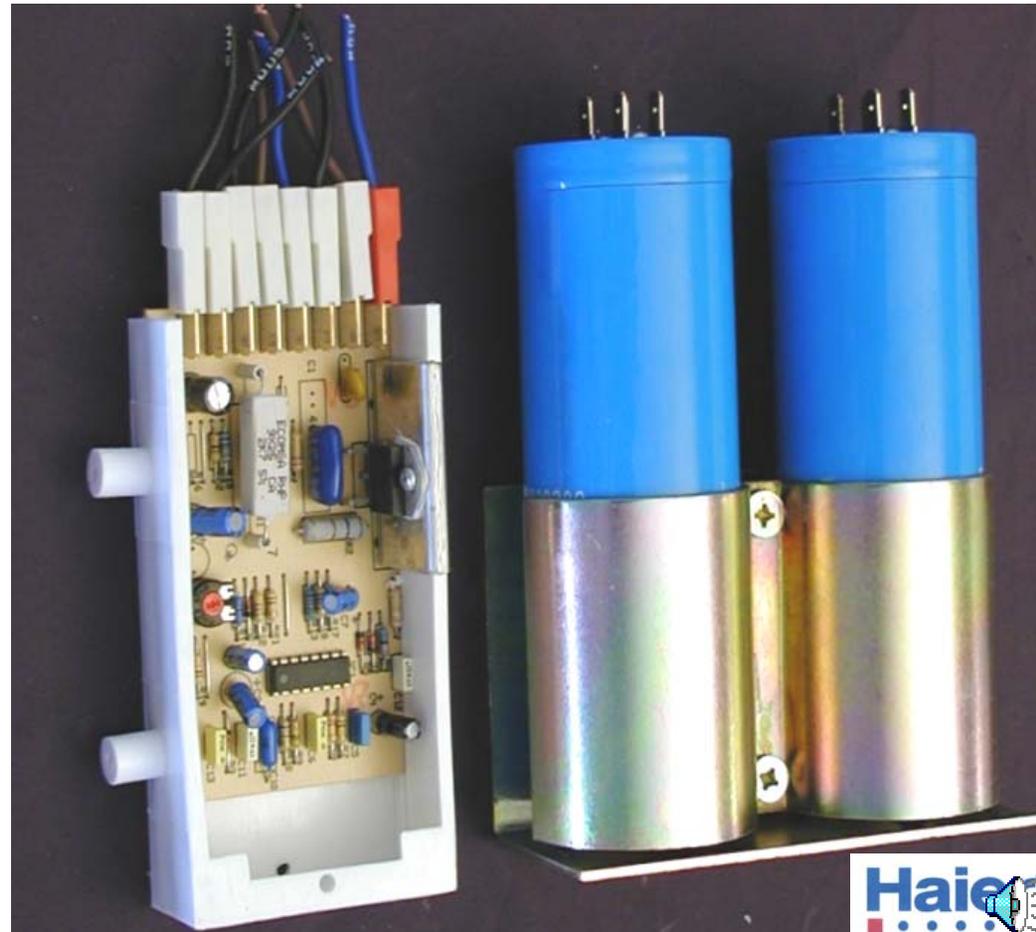


MOTOR CONTROL

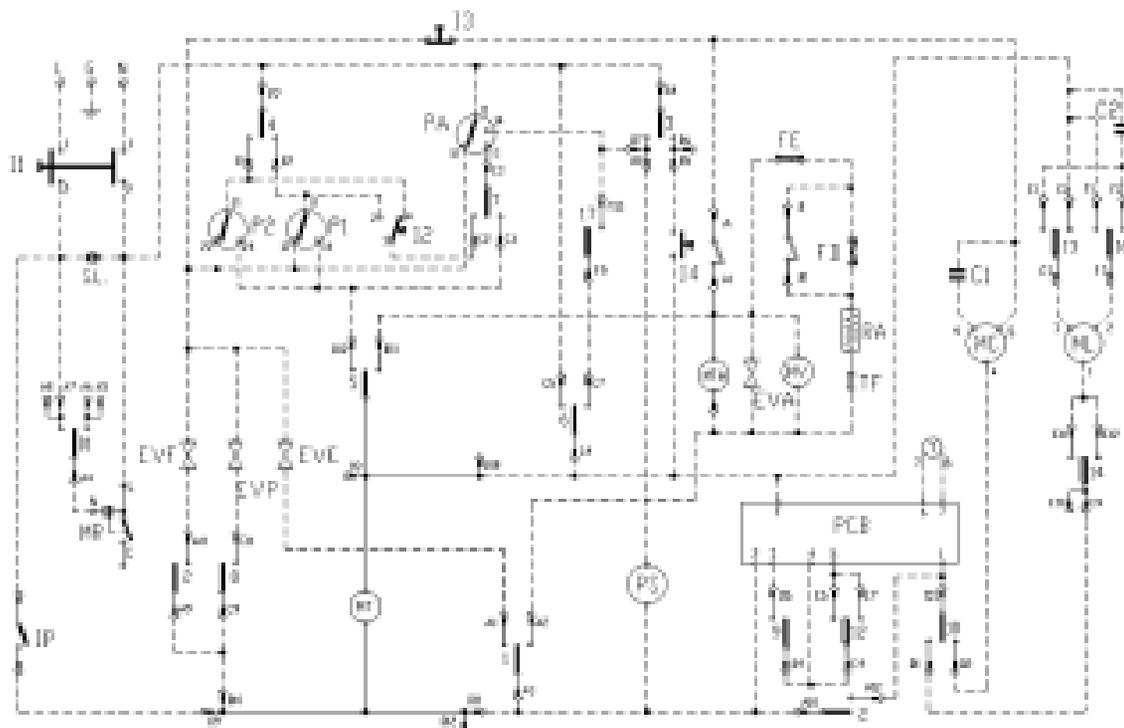
The motor has 2 sets of windings – one for each direction of rotation.
Each winding uses its own capacitor



Feedback from a generator on the motor controls the spin speed

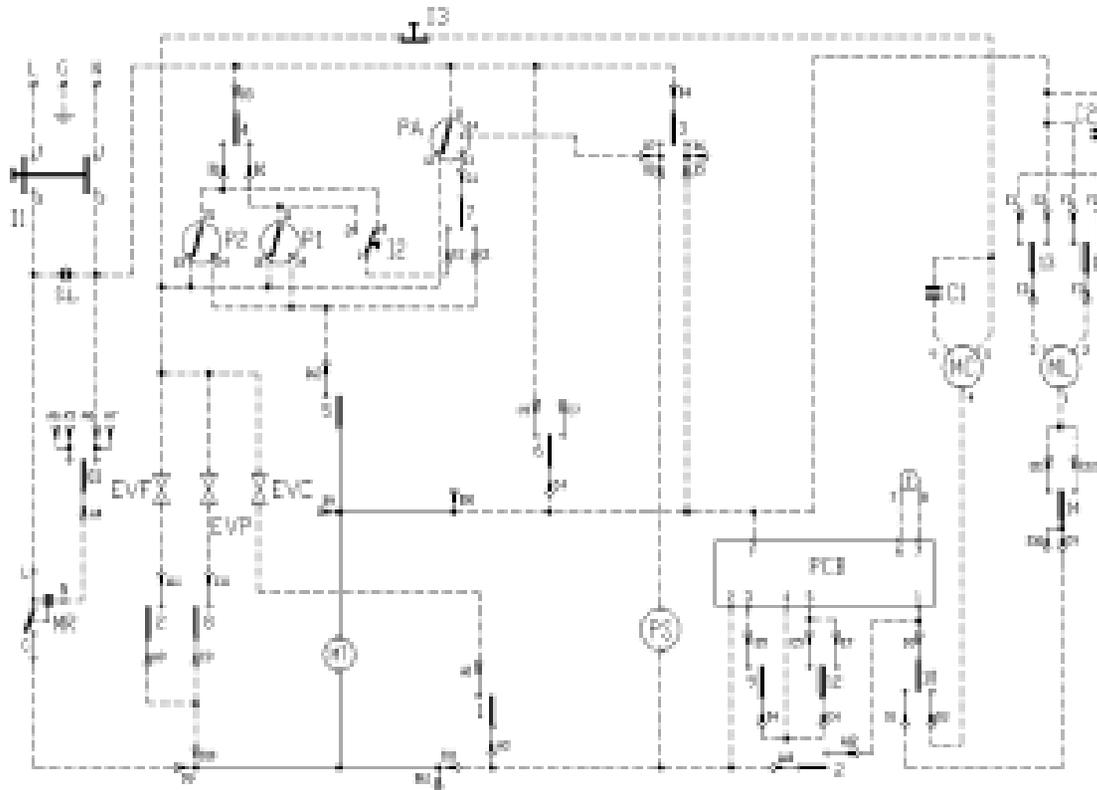


WIRING CIRCUIT (XQG65-11SU)



I1	Power Switch	EVF, EVP	Cold Water Valve
I2	Load Switch	PA, P1, P2	Pressure Switch
I3	Spin Switch	TM	Timer Motor
I4	Soak Switch	MTA	Dryer Timer Motor
L	Line	MC, ML	Motor
N	Neutral	PS	Drain Pump
G	Ground	PCB	Speed Module
MR	Door Lock	C1, C2	Capacitor
EVA	Cold Water Valve Dry	RA	Heat Element Dry
		FE, FD	Thermostat

WIRING CIRCUIT (XQG65-8SU)



I1	Power Switch	EVF, EVP	Cold Water Valve
I2	Load Switch	PA, P1, P2	Pressure Switch
I3	Spin Switch	TM	Timer Motor
L	Line	MC, ML	Motor
N	Neutral	PS	Drain Pump
G	Ground	PCB	Speed Module
MR	Door Lock	C1, C2	Capacitor

THANK YOU FOR YOUR PARTICIPATION
IN THE
COMBO LAUNDRY
PRESENTATION

Parts and Service Information
is available at
www.haieramericasupport.com